



AEI Consultants

February 23, 2021

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Property Information:

2801 Pinole Valley Road
Pinole, Contra Costa County, California 94564

Project Information:

AEI Project No. 434038
Client Reference Name: Pinole Valley Partners LLC

Prepared For:

Safe Credit Union
2295 Iron Point Road Suite 100
Folsom, California 95630

Prepared By:

AEI Consultants
2500 Camino Diablo, Suite 100
Walnut Creek, California 94597-3940

Environmental
Due Diligence

Building Assessments

Site Investigation
& Remediation

Energy Performance
& Benchmarking

Industrial Hygiene

Construction
Risk Management

Zoning Analysis
Reports & ALTA
Surveys

National Presence

Regional Focus

Local Solutions



February 23, 2021

Victor Bruce
Safe Credit Union
2295 Iron Point Road Suite 100
Folsom, California 95630

Subject: Phase I Environmental Site Assessment
2801 Pinole Valley Road
Pinole, California 94564
AEI Project No. 434038
Client Reference Name: Pinole Valley Partners LLC

Dear Victor Bruce:

AEI Consultants is pleased to provide the *Phase I Environmental Site Assessment* of the above referenced property. This assessment was authorized and performed in accordance with the scope of services engaged.

We appreciate the opportunity to provide services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (408) 829-8679 or TGolino@aeiconsultants.com.

Sincerely,

Tory Golino
Vice President
AEI Consultants

PROJECT SUMMARY

2801 Pinole Valley Road, Pinole, Contra Costa County, California 94564
AEI Project No. 434038

Report Section		REC	CREC	HREC	OEC	Recommended Action
1.0	Introduction					None
2.0	Site and Vicinity Description					None
3.0	Historical Review of Site and Vicinity					None
4.0	Regulatory Agency Records Review					None
5.0	Regulatory Database Records Review					None
6.0	Interviews and User Provided Information					None
7.0	Site Reconnaissance					None
8.1	Asbestos-Containing Building Materials					None
8.2	Lead-Based Paint					None
8.3	Radon					None
8.4	Mold				✓	Replace stained ceiling tiles and confirm that the source of water intrusion has been addressed

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EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by Safe Credit Union to conduct a Phase I ESA in conformance with AEI's contract and the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 2801 Pinole Valley Road, Pinole, Contra Costa County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

Pertinent subject property information is noted below:

PROPERTY INFORMATION	
Site Address(es)	2801 Pinole Valley Road, Pinole, Contra Costa County, California 94564
Property ID (APN or Block/Lot)	360-010-029
Location	East side of Pinole Valley Road
Property Type	Mixed-Use (Office, Retail)
SITE AND BUILDING INFORMATION	
Approximate Site Acreage/Source	1.738/Assessor
Number of Buildings	One
Building Construction Date(s)/Source	1984/Assessor
Building Square Footage (SF)/Source	21,625/Assessor
Number of Floors/Stories	2
Basement or Subgrade Area(s)	None identified
Number of Units	12
Additional Improvements	Patio and asphalt-paved parking areas
On-site Occupant(s)	See Tenant Information below
Current On-site Operations/Use	Various office, medical, dental, spa, retail and restaurant activities
Current Use of Hazardous Substances	None identified
REGULATORY INFORMATION	
Regulatory Database Listing(s)	FINDS

Tenant Information

Subject Property Address/Unit	Tenant	Use	Accessed
Unit A	Alamode Donuts & Coffee	Restaurant	Yes
Unit B	Armor Locksmith	Retail	Yes
Unit C	Tammy's Nails & Spa	Nail salon	Yes
Unit D	Transitions Hair Salon	Hair salon	Yes
Unit E	Ocean Day Spa	Massuse	Yes
Unit F	Vincent Lim, DDS	Dental office	Yes
Unit 200	Jung & Jung Chiropractic	Chiropractic office	Yes
Unit 202	Access Medical Services, On-Site Health Care Services	Office	Yes

Subject Property Address/Unit	Tenant	Use	Accessed
Unit 204	Athena Wealth Strategies	Office	Yes
Unit 206	Monique's Clozet LIVE!	Retail	Yes
Unit 208	DABS, Inc.	Office	Yes
Unit 210	Baniqued Realty Inc., BCRE, BG Asset Management	Office	Yes

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

Date Range	Subject Property Description and Occupancy (Historical Addresses)	Source(s)
1895-1929	No features depicted, presumed undeveloped	Historic topographic maps
1930-1938	Unknown use/Data failure; refer to Section 1.6.1	n/a
1939-1982	Undeveloped land	Aerial photographs, historical topographic maps
1984	Current building constructed for office use (2801 Pinole Valley Road)	Agency records, prior report
1984-present	Current commercial building/various office, medical, dental, spa, retail and restaurant activities	Aerial photographs, city directories, historical topographic maps, previous report, agency records, interview, site observation

The immediately surrounding properties consist of the following:

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
Northwest	Pinole Valley Road, followed by: Pinole Valley Shopping Center (2690-2794 Pinole Valley Road)	None identified
North	Arco (2747 Pinole Valley Road)	HIST AUTO, UST, SWEEPS UST, HIST UST, RCRA NONGEN/NLR (x2), HWTS, LUST, CERS HAZ WASTE, CERS TANKS, CORTESE, ENF, HAZNET, HIST CORTESE, CONTRA COSTA CO. SITE LIST, CERS
Northeast	Residences (2770-2780 Estates Avenue)	None identified
East	Westmont of Pinole (2850 Pinole Valley Road)	None identified
Southeast	Residences (2346-2357 Paloma Court, 2870-2890 Estates Avenue)	HIST AUTO (2354 Paloma Court) RCRA NONGEN/NLR (2362 Paloma Street)
South	7-Eleven (2869 Pinole Valley Road) Pinole Valley Community Church (2885 Pinole Valley Road)	CONTRA COSTA CO. SITE LIST, CERS (2869 Pinole Valley Road) RCRA NONGEN/NLR (2885 Pinole Valley Road)
Southwest	Pinole Valley Road, followed by: Pinole Depot Plaza (2860-2870 Pinole Valley Road)	HIST UST (x3), SWEEPS UST, HWTS, LUST, CORTESE, ENF, HAZNET, HIST CORTESE, CONTRA COSTA CO. SITE

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
		LIST, CERS, HIST AUTO (2810 Pinole Valley Road) CONTRA COSTA CO. SITE LIST (2870 Pinole Valley Road)
West	Pinole Valley Road, followed by: Pinole Valley Shopping Center (2800-2830 Pinole Valley Road)	CONTRA COSTA CO. SITE LIST (2830 Pinole Valley Road)

If the surrounding properties are listed in the regulatory database, please refer to [Section 5.1](#) for discussion.

FINDINGS

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

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

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

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

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

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

Other Environmental Considerations (OEC) warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice E1527-13. These include, but are not limited to, de minimis conditions and/or environmental considerations such as the presence of ACMs, LBP, radon, mold, and lead in drinking water, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the subject property. A de minimis condition is defined by the ASTM Standard as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

- AEI observed interior areas of the subject property building in order to identify the presence of mold. AEI did not note obvious visual or olfactory indications of the presence of mold, nor did AEI observe obvious indications of significant water damage. However, several water stained ceiling tiles were observed throughout the subject property building. Based upon our observations, AEI recommends replacing stained ceiling tiles and confirming that the source of water intrusion has been addressed.

CONCLUSIONS, OPINIONS, AND RECOMMENDATIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) of 2801 Pinole Valley Road, Pinole, Contra Costa County, California, the *subject property*. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

AEI did not identify evidence of RECs or CRECs in connection with the subject property during the course of this assessment. AEI recommends no further investigation for the subject property at this time.

1.0 INTRODUCTION

This report documents the methods and findings of the Phase I Environmental Site Assessment performed in conformance with AEI's contract and scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 2801 Pinole Valley Road, Pinole, Contra Costa County, California ([Appendix A: Figures](#) and [Appendix B: Property Photographs](#)).

1.1 SCOPE OF WORK

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

1.2 ADDITIONAL SERVICES

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

1.3 SIGNIFICANT ASSUMPTIONS

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

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

1.4 LIMITATIONS

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

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

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

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

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

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

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

1.5 LIMITING CONDITIONS/DEVIATIONS

The performance of this assessment was limited by the following:

- While additional assessments may have been conducted on the subject property, these documents must be provided for AEI's review in order for the information to be summarized/included in this report. Please refer to [Section 6.3](#) for a summary of previous reports and other documentation provided to AEI during this assessment.
- On February 5, 2021, February 8, 2021 and February 17, 2021, the Pinole Planning Department, Pinole Development Services Department, Pinole Fire Department, and Pinole City Clerk Office were contacted for information on the subject property in order to identify historical tenants, property use, and/or hazardous substance/petroleum product handling. Due to the time frame of this assessment and the current conditions associated with the coronavirus disease 2019 (COVID-19) outbreak, the voicemail boxes of the agencies were closed and the city websites were non-functional. As a result, records at the Pinole Planning Department, Pinole Development Services Department, Pinole Fire Department, and Pinole City Clerk Office were not available for review. However, based on the quality of information obtained from other sources including historical sources, other regulatory agencies, the key site manager and prior report, this limitation is not expected to significantly alter the findings of this assessment.

1.6 DATA FAILURE AND DATA GAPS

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

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

1.6.1 DATA FAILURE

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

Data Failure	Historical sources were not obtained at five-year intervals dating back to first developed use. AEI was not able to track the history of the subject property between the years 1930 and 1938 as none of the historical sources utilized as part of this assessment covered this time period. In the 1929 historical topographic map, the subject property has no features depicted and is presumed to be undeveloped. In the 1939 aerial photograph, the subject property appears undeveloped. Thus, it is assumed that during this time period the subject property would have been undeveloped. Therefore, this data failure is not expected to significantly alter the findings of this assessment.
Information/Sources Consulted	City directories, historical topographic maps, aerial photographs, agency records, previous report, interview

1.6.2 SIGNIFICANT DATA GAPS

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

1.7 RELIANCE

All reports, both verbal and written, are for the benefit of Safe Credit Union. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with AEI's contract and Terms and Conditions executed by Safe Credit Union on February 2, 2021. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

2.0 SITE AND VICINITY DESCRIPTION

2.1 SITE LOCATION AND DESCRIPTION

PROPERTY INFORMATION	
Site Address(es)	2801 Pinole Valley Road, Pinole, Contra Costa County, California 94564
Property ID (APN or Block/Lot)	360-010-029
Location	East side of Pinole Valley Road
Property Type	Mixed-Use (Office, Retail)
SITE AND BUILDING INFORMATION	
Approximate Site Acreage/Source	1.738/Assessor
Number of Buildings	One
Building Construction Date(s)/Source	1984/Assessor
Building Square Footage (SF)/Source	21,625/Assessor
Number of Floors/Stories	2
Basement or Subgrade Area(s)	None identified
Number of Units	12
Additional Improvements	Patio and asphalt-paved parking areas
On-site Occupant(s)	See Tenant Information below
Current On-site Operations/Use	Various office, medical, dental, spa, retail and restaurant activities
Current Use of Hazardous Substances	None identified
REGULATORY INFORMATION	
Regulatory Database Listing(s)	FINDS

Tenant Information

Subject Property Address/Unit	Tenant	Use	Accessed
Unit A	Alamode Donuts & Coffee	Restaurant	Yes
Unit B	Armor Locksmith	Retail	Yes
Unit C	Tammy's Nails & Spa	Nail salon	Yes
Unit D	Transitions Hair Salon	Hair salon	Yes
Unit E	Ocean Day Spa	Massuse	Yes
Unit F	Vincent Lim, DDS	Dental office	Yes
Unit 200	Jung & Jung Chiropractic	Chiropractic office	Yes
Unit 202	Access Medical Services, On-Site Health Care Services	Office	Yes
Unit 204	Athena Wealth Strategies	Office	Yes
Unit 206	Monique's Clozet LIVE!	Retail	Yes
Unit 208	DABS, Inc.	Office	Yes
Unit 210	Baniqued Realty Inc., BCRE, BG Asset Management	Office	Yes

2.2 ON-SITE UTILITIES

Utility	Source/System Information
Heating System	Electricity/PG&E
Cooling System	Electricity/PG&E
Potable Water	East Bay Municipal Utility District
Sewage Disposal/Treatment	City of Pinole/Pinole-Hercules Wastewater Treatment Plant

Utility source/system information listed in the table above is provided by Brian Baniqued, Owner, and online research unless otherwise noted above.

2.3 SITE AND VICINITY CHARACTERISTICS

The subject property is located in a commercial area of Pinole, California. The immediately surrounding properties consist of the following:

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
Northwest	Pinole Valley Road, followed by: Pinole Valley Shopping Center (2690-2794 Pinole Valley Road)	None identified
North	Arco (2747 Pinole Valley Road)	HIST AUTO, UST, SWEEPS UST, HIST UST, RCRA NONGEN/NLR (x2), HWTS, LUST, CERS HAZ WASTE, CERS TANKS, CORTESE, ENF, HAZNET, HIST CORTESE, CONTRA COSTA CO. SITE LIST, CERS
Northeast	Residences (2770-2780 Estates Avenue)	None identified
East	Westmont of Pinole (2850 Pinole Valley Road)	None identified
Southeast	Residences (2346-2357 Paloma Court, 2870-2890 Estates Avenue)	HIST AUTO (2354 Paloma Court) RCRA NONGEN/NLR (2362 Paloma Street)
South	7-Eleven (2869 Pinole Valley Road) Pinole Valley Community Church (2885 Pinole Valley Road)	CONTRA COSTA CO. SITE LIST, CERS (2869 Pinole Valley Road) RCRA NONGEN/NLR (2885 Pinole Valley Road)
Southwest	Pinole Valley Road, followed by: Pinole Depot Plaza (2860-2870 Pinole Valley Road)	HIST UST (x3), SWEEPS UST, HWTS, LUST, CORTESE, ENF, HAZNET, HIST CORTESE, CONTRA COSTA CO. SITE LIST, CERS, HIST AUTO (2810 Pinole Valley Road) CONTRA COSTA CO. SITE LIST (2870 Pinole Valley Road)
West	Pinole Valley Road, followed by: Pinole Valley Shopping Center (2800-2830 Pinole Valley Road)	CONTRA COSTA CO. SITE LIST (2830 Pinole Valley Road)

If the surrounding properties are listed in the regulatory database, please refer to [Section 5.1](#) for discussion.

2.4 PHYSICAL SETTING

Geologic Unit: Description/Source	Tmc: Clay shale and siltstone, gray, massive to vaguely bedded, includes fine grained silty sandstone/USGS and United States Department of the Interior
Soil Series: Description/Source	Cc: Clear Lake clay, 0 to 15 percent slopes, MLRA 15; Clayey alluvium derived from metamorphic and sedimentary rock, high runoff class, more to 80 inches to water table; Approximately 80.7% of the subject property/USDA Soil Survey CnE: Cut and fill land-Los Osos Complex, 9 to 30 percent slopes; Residuum weathered from sandstone and shale, high runoff class, more than 80 inches to water table; Approximately 19.3% of the subject property/USDA Soil Survey
Groundwater Flow Direction/Source	West/Topographic map interpretation
Estimated Depth to Groundwater/ Source	Within 20 feet bgs/Groundwater information for the adjoining sites located at 2747 Pinole Valley Road and 2810 Pinole Valley Road obtained from GeoTracker
Surface waters on the subject property or adjoining sites	None
Additional notes	None

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

3.0 HISTORICAL REVIEW OF SITE AND VICINITY

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

Date Range	Subject Property Description and Occupancy (Historical Addresses)	Source(s)
1895-1929	No features depicted, presumed undeveloped	Historic topographic maps
1930-1938	Unknown use/Data failure; refer to Section 1.6.1	n/a
1939-1982	Undeveloped land	Aerial photographs, historical topographic maps
1984	Current building constructed for office use (2801 Pinole Valley Road)	Agency records, prior report
1984-present	Current commercial building/various office, medical, dental, spa, retail and restaurant activities	Aerial photographs, city directories, historical topographic maps, previous report, agency records, interview, site observation

Based on a review of city directories, the subject property appears to have been occupied by a dental office from at least 2014 to 2017. Dental facilities have the potential to store use and store hazardous substances such as photo-developing fluid to develop dental x-rays. Please refer to Section [7.1](#) for additional information.

Environmental concerns associated with the use of the adjoining property to the northwest as a gas station from at least 1958 to 2002 are discussed in detail in Section [5.1](#).

Environmental concerns associated with the use of the adjoining property to the north as a gas station from at least 1980 to 2021 are discussed in detail in Section [5.1](#).

If available, copies of historical sources are provided in [Appendix D](#).

3.1 AERIAL PHOTOGRAPHS

AEI reviewed aerial photographs of the subject property and surrounding area. A search was made of the EDR collection of aerial photographs. Aerial photographs were reviewed for the following years:

Year(s)	Subject Property Description	Adjoining Site Descriptions
1939, 1946, 1948*	Vacant land with a stream traversing the property from the southwest corner to the northeast corner	NORTHWEST: Roadway, followed by vacant land NORTH: Vacant land NORTHEAST: Vacant land EAST: Vacant land

Year(s)	Subject Property Description	Adjoining Site Descriptions
		SOUTHEAST: Vacant land SOUTH: Vacant land SOUTHWEST: Roadway, followed by vacant land WEST: Roadway, followed by vacant land
1950	No significant changes	NORTHWEST: No significant changes NORTH: No significant changes NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: Roadway, followed by a residence WEST: Roadway, followed by several residences
1958, 1959*	No significant changes, except for the addition of a roadway traversing the property from the northwest corner to the southeast corner	NORTHWEST: Roadway, followed by a gas station and part of the existing commercial structure NORTH: No significant changes NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: Roadway, followed by vacant land WEST: No significant changes
1963	No significant changes	NORTHWEST: No significant changes NORTH: No significant changes NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: Developed with several of the existing structures SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes
1968	No significant changes	NORTHWEST: No significant changes NORTH: No significant changes NORTHEAST: No significant changes EAST: Developed with a commercial and/or residential structure SOUTHEAST: Developed with the existing apartment complex SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes
1974	No significant changes, with the exception of the addition of several ancillary structures present in the center of the property	NORTHWEST: No significant changes NORTH: Developed with a residence NORTHEAST: Developed a residence EAST: No significant changes SOUTHEAST: No significant changes SOUTH: Developed with the existing

Year(s)	Subject Property Description	Adjoining Site Descriptions
		commercial structures SOUTHWEST: No significant changes WEST: No significant changes
1980*, 1982	Vacant land	NORTHWEST: Roadway, followed by a gas station and the existing commercial structure NORTH: Developed with the existing gas station NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes
1988*, 1993, 1998	Developed with the existing commercial structure	NORTHWEST: No significant changes NORTH: No significant changes NORTHEAST: Developed with the existing residences EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: Developed with the existing commercial structure WEST: Developed with the existing commercial structure
2002	No significant changes	NORTHWEST: No significant changes NORTH: No significant changes NORTHEAST: No significant changes EAST: Developed with the existing assisted living facility SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes
2005	No significant changes	NORTHWEST: Developed with the existing commercial structure and graded land NORTH: No significant changes NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes
2009, 2010, 2012, 2014*, 2016*, 2021*	No significant changes	NORTHWEST: Developed with the existing commercial structure NORTH: No significant changes NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes

AEI did not identify potential environmental concerns in association with the historical use of the subject property during the aerial photograph review.

Environmental concerns associated with the use of the adjoining property to the northwest as a gas station from at least 1958 to 2002 are discussed in detail in Section [5.1](#).

Environmental concerns associated with the use of the adjoining property to the north as a gas station from at least 1980 to 2021 are discussed in detail in Sections [5.1](#) and [7.2](#).

3.2 SANBORN FIRE INSURANCE MAPS

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

Sanborn map coverage was not available for the subject property.

3.3 CITY DIRECTORIES

A search of historical city directories was conducted for the subject property utilizing EDR. No potential tenants of concern were identified based on AEI's review of the historical city directories. Directories were reviewed in approximate five-year increments from 1975 to 2017. The first listing for the subject property appeared in 1992. The following table summarizes the results of the city directory search.

Year(s)	Address - Occupant Listed
1992	2801 Pinole Valley Road - Alamode Donut Shop, Amer Protctve Prsnl, Bickham Paul Ins, ERA Superior HMS, Farmers ins, Giovannis Bty Sply, North Amer Title Co, Prudential Ins Amer
1995	2801 Pinole Valley Road - Alamode Donut Shop, American Protective SVC, Bob Segerdell Insurance, Chew Chris H, Giovannis Beauty Supplies, Giovannis Haircutting, North American Title Co, Paul Bickham Insurance, Prudential Insurance Co
2000	2801 Pinole Valley Road - Heun Scott J DC CCSP, North Bay Chiropractic, Alamode Donut Ice Crm Sndwch & Frz Ygrt Shop, American Protective Services Incorporated, Bickham Paul Insurance Agency, Farmers Insurance Group Agents, Platinum Mortgage Group, Segerdell Bob Insurance Agency, Transitions
2005	2801 Pinole Valley Road - Jung Randall G DC QME, Jung Brandon G, Alamode Donut Shop, Allstate, American Protectice Services, Baniqued Realtors, Curves Pinole, PE Mori Insurance Services, Platinum Mortgage Group, Rosete Jesse, Transitions, Virola Angelica
2010	2801 Pinole Valley Road - Jung & Jung Chiropractic, Jung Brandon G, Ala Mode Donut Shop, Allstate Insurance Co, Baniqued Brian S, Beauty Image, Benjamin Dozier LCSW, Creative Funding, Evergreen Medicine, Lebon Real Estate Inc, Perez Antonio M, PNL Holistic Health, RAF Investment SVC, Tammys Nails & Spa, Transitions Salon
2014	2801 Pinole Valley Road - Lim Vincent Patrick DDS , Heun Chiropractic Offices, Heun Scott J DC CCSP DC, Bolgergarrison Cecilia DC, Jung & Jung Chiropractic, Jung Brandon G DC, Jung Randall G DC QME DC, ADT Security Services, Alamode Donut Shop, Allstate, Angelica Virola Allstate Insurance, Baniqued Realtors, Baniqued Realty, Creative Funding, Epstein Husby Immigration Law, Hegarty

Year(s)	Address - Occupant Listed
	Deborah, Image Debeaute, Insurance Inc Candelario, J&M Dental Supplies Inc, Mori PE Insurance Services, Strategic Reliance Group Security, Tammys Nails & Spa, Transitions
2017	2801 Pinole Valley Road - Vincent Lim DDS , Jung & Jung Chiropractic, Jung Brandon G, Brandon G Jung DC, Alamode Donut Shop, Allstate, Athena Wealth Strategies, Baniqued Realtors, Baniqued Realty, Candelario Insurance Inc, Creative Funding, Epstein Husby Immigration Law, Hegarty Deborah, Image Debeaute, Law Offices of Ayana K, Lebon Real Estate Inc, Liberty Tax Service, Lim Vincent, Mori PE Insurance Services, Strategic Reliance Group Security, Tammys Nails & Spa, Transitions Salon, Ultimate Dream Builders Inc, VPL

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

Based on a review of city directories, the subject property appears to have been occupied by a dental office from at least 2014 to 2017. Please refer to [Section 3.0](#) for additional information.

3.4 HISTORICAL TOPOGRAPHIC MAPS

A search of historical topographic maps was conducted for the subject property utilizing NETR Online (www.historicaerials.com). Topographic maps were reviewed for the following years:

Year(s)	Subject Property Description	Adjoining Site Descriptions
1895, 1899, 1900, 1904, 1906, 1908, 1914	No features depicted	No features depicted
1915, 1929, 1947	No significant changes	NORTHWEST: Improved with one structure NORTH: No significant changes NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes
1949, 1952, 1957	No significant changes	NORTHWEST: Roadway, followed by no features depicted NORTH: No significant changes NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: Roadway, followed by a stream traversing undeveloped land WEST: Roadway, followed by no features depicted
1960, 1966	A stream traversing the property from the southwest corner to the northeast corner	No significant changes

Year(s)	Subject Property Description	Adjoining Site Descriptions
1969	No significant changes	NORTHWEST: No significant changes NORTH: No significant changes NORTHEAST: No significant changes EAST: Urban development SOUTHEAST: Urban development SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes
1974	No significant changes	NORTHWEST: No significant changes NORTH: Improved with one structure NORTHEAST: No significant changes EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes
1980	No significant changes	NORTHWEST: No significant changes NORTH: No significant changes NORTHEAST: Improved with one structure EAST: No significant changes SOUTHEAST: No significant changes SOUTH: Improved with two structures SOUTHWEST: No significant changes WEST: No significant changes
1997, 1999, 2012, 2015, 2018	No features depicted	NORTHWEST: Roadway, followed by no features depicted NORTH: No features depicted NORTHEAST: No features depicted EAST: No features depicted SOUTHEAST: No features depicted SOUTH: No features depicted SOUTHWEST: Roadway, followed by a stream traversing undeveloped land WEST: Roadway, followed by no features depicted

AEI did not identify potential environmental concerns in association with the historical use of the subject property during the historic topographic map review.

3.5 CHAIN OF TITLE

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

4.0 REGULATORY AGENCY RECORDS REVIEW

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

4.1 LOCAL ENVIRONMENTAL HEALTH DEPARTMENT AND/OR STATE ENVIRONMENTAL AGENCY

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Contra Costa County Department of Environmental Health (CCCDEH)	February 8, 2021	Email	Lela Jones, Clerk Specialist	No hazardous substances records on file

4.2 FIRE DEPARTMENT

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Pinole Fire Department (PFD)	February 5, 2021, February 17, 2021	Email	Chris Wynkoop, Fire Chief	Response pending, refer to Section 1.5

4.3 BUILDING DEPARTMENT

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Pinole Development Services Department (PDSO)	February 5, 2021	Email, Call	Jamie Aldred, Permit Technician	Response pending, refer to Section 1.5

4.4 PLANNING DEPARTMENT

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Pinole Planning Department (PPD)	February 4, 2021, February 8, 2021, February 21, 2021	Call	N/A	Response pending, refer to Section 1.5

4.5 ASSESSOR'S OFFICE

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Contra Costa County Assessor's Office	February 4, 2021	Website	N/A	Information obtained is discussed below

Records Summary

APN	360-010-029
Acreage	1.738 acres
Construction Date	1984

Building Square Footage	21,625 square feet
Current Owner	Not provided
Additional Information	None

4.6 OTHER AGENCIES SEARCHED

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
CA State Water Resources Control Board (SWRCB) GeoTracker	February 4, 2021	Website	N/A	No records on file
CA Department of Toxic Substances Control (DTSC) Hazardous Waste Tracking System (HWTS)	February 4, 2021	Website	N/A	No records on file
CA DTSC EnviroStor	February 4, 2021	Website	N/A	No records on file
California Environmental Protection Agency Regulatory Portal (CalEPA)	February 4, 2021	Website	N/A	No records on file
Bay Area Air Quality Management District (BAAQMD)	February 4, 2021	Website	Rochele Henderson Public Records Section	No records on file
Contra Costa County Hazardous Materials Program (CCCHAZMAT)	February 4, 2021	Email	Alexandra McMullen, Clerical Supervisor	No records on file
Pinole City Clerk Office	February 5, 2021, February 8, 2021, February 17, 2021	Email, Call	Heather Iopu, Department Head	Response pending, refer to Section 1.5

4.7 OIL AND GAS WELLS

Agency	Date Referenced	Resource	Oil or gas wells located within 500 feet of the subject property
California Geologic Energy Management Division (CalGEM)	February 4, 2021	CalGEM Map	No

4.8 OIL AND GAS PIPELINES

Agency	Date Referenced	Resource	Pipelines located within 500 feet of the subject property
National Pipeline Mapping System (NPMS)	February 4, 2021	NPMS Public Map Viewer	No

4.9 STATE ENVIRONMENTAL SUPERLIENS

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

4.10 STATE PROPERTY TRANSFER LAWS

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

5.0 REGULATORY DATABASE RECORDS REVIEW

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

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

Regulatory database listings associated with the subject property, adjoining site(s) and/or nearby sites of concern that were determined to warrant additional discussion are identified and further discussed in Section 5.1.

5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Listings Within Search Distance	Subject Property	Adjoining Site(s)	Other Nearby Sites of Concern
NPL	1.0	0			
DELISTED NPL	0.5	0			
SEMS/CERCLIS	0.5	0			
SEMS-ARCHIVE/CERCLIS NFRAP	0.5	1			
RCRA CORRACTS	1.0	0			
RCRA-TSDF	0.5	0			
RCRA LQG, SQG, CESQGs, NLR	SP/ADJ	4		✓	
US ENG CONTROLS	SP	0			
US INST CONTROLS	SP	0			
ERNS	SP	0			
STATE/TRIBAL HWS	1.0	5			
STATE/TRIBAL SWLF	0.5	0			
STATE/TRIBAL REGISTERED STORAGE TANKS	SP/ADJ	0			

Database	Search Distance (Miles)	Listings Within Search Distance	Subject Property	Adjoining Site(s)	Other Nearby Sites of Concern
STATE/TRIBAL LUST	0.5	6		✓	
STATE/TRIBAL EC and IC	SP	0			
STATE/TRIBAL VCP	0.5	1			
STATE/TRIBAL BROWNFIELD	0.5	0			
ORPHAN	N/A	0			
ADDITIONAL ENVIRONMENTAL RECORD SOURCES	SP/ADJ	See below	✓	✓	

Facility Name	County Meadow Apartments - Treat Facility No. 1
Address	2801 Pinole Valley Road, Suite 210
Distance & Direction	Subject Property
Hydrologic Position	N/A
Databases Listed	FINDS
Comments	<p>According to the regulatory database, the subject property is listed as a water treatment plant in 2012. This listing is likely associated with property as a mailing address for the Country Meadow Apartment's administrative office.</p> <p>Based on the nature of this listing and lack of a release, it is not expected to represent a significant environmental concern.</p>

Facility Name	Pinole Valley ARCO, ARCO AM/PM #06228, Vincent Siebern, BP West Coast Products LLC 06228,
Address	2747 Pinole Valley Road
Distance & Direction	Adjoining to the north
Hydrologic Position	Cross-gradient
Databases Listed	HIST AUTO, UST, SWEEPS UST, HIST UST, RCRA NONGEN/NLR (x2), HWTS, LUST, CERS HAZ WASTE, CERS TANKS, CORTESE, ENF, HAZNET, HIST CORTESE, CONTRA COSTA CO. SITE LIST, CERS
Comments	<p>According to the regulatory database, this facility is listed as a gasoline service station from at least 1986 to 2010, operating three (3) 8,000-gallon USTs of unspecified contents in 1974, as well as two (2) 10,000-gallon motor vehicle fuel USTs and one (1) 8,000-gallon motor vehicle fuel UST from at least 1988 to 1993. Additionally, this site is listed as a chemical storage facility, LUST Cleanup Site, CERS Underground Storage Tank, and hazardous waste generator of approximately 0.06 to 1.10 tons annually of aqueous solution with total organic residues less than 10 percent in the years 2016 to 2019. No release-related violations were reported.</p> <p>In 2002 and 2016, this facility is listed as a verified non-generator, handler of hazardous waste. No violations were reported in association with the RCRA listings.</p>

	<p>According to GeoTracker, in 1992, hydrocarbon-impacted soil was discovered on-site during drilling activities. Prior to the existing use as a gasoline station, this property reportedly operated a car wash station involving an underground rinse water reclamation system which may have contributed to groundwater contamination. Groundwater monitoring has been conducted at the property since 1994 and in November 2000, product piping, two (2) 10,000-gallon and one (1) 8,000-gallon USTs were removed from the facility. Based on a review of plume maps provided by a 2017 Offsite Groundwater Investigation and Low-Threat Closure Evaluation Report, the majority of petroleum hydrocarbon groundwater impact is located within the property boundaries and the limited off-site migration that exists is generally to the west-northwest, moving away from the subject site. According to a 2018 Review Summary Report prepared by the California State Water Resources Control Board, the former petroleum release is limited to the soil and shallow groundwater of this site. According to the closure letter and results of a past 2017 ground water investigation, groundwater underlying this site does not appear to have migrated in significant concentrations and presents no threat to water quality. In addition, a vapor intrusion risk to off-site buildings is unlikely.</p> <p>Based on the time elapsed, inferred direction of groundwater flow and contaminant migration, and current regulatory oversight, this site is not expected to represent a significant environmental concern.</p>
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Facility Name	Crockett Union
Address	2354 Paloma Court
Distance & Direction	Adjoining to the southeast
Hydrologic Position	Cross to up-gradient
Databases Listed	HIST AUTO
Comments	<p>According to the regulatory database, this site is listed as, "Crockett Union" in 1991. The EDR Historical Auto Station database does not report a release, but rather identifies businesses, based on name, that may have been associated with automotive activities. The site listing was categorized as 'Gasoline Station.'</p> <p>No obvious evidence of a gas station was present on this site via review of aerial photographs or historical topographic maps.</p> <p>Based on the review of historical sources, single year listing, and lack of a documented release, the review of regulatory agency files for this site was not deemed necessary, and the site is not expected to represent a significant environmental concern.</p>

Facility Name	Paul Hirsh
Address	2362 Paloma Street
Distance & Direction	Adjoining to the southeast
Hydrologic Position	Cross to up-gradient
Databases Listed	RCRA NONGEN/NLR

Comments	<p>According to the regulatory database, this facility is listed as a verified non-generator, handler of unspecified hazardous waste in 2019. No violations were noted in relation to the listing.</p> <p>Based on the non-release nature of the listing, the review of regulatory agency files for this listing was not deemed necessary, and the listing is not expected to represent a significant environmental concern.</p>
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Facility Name	J & S Convenience Inc (DBA: 7-Eleven #14206)
Address	2869 Pinole Valley Road
Distance & Direction	Adjoining to the south
Hydrologic Position	Cross-gradient
Databases Listed	CONTRA COSTA CO. SITE LIST, CERS
Comments	<p>According to the regulatory database, this facility is listed as "active" under the county's Hazardous Materials Business Plan, less than 1000 pounds Program. Additionally, the facility was listed as a chemical storage facility. No release-related violations were noted. All noted violations appear to be administrative in nature and have been resolved.</p> <p>Based on the non-release nature of the listing, the review of regulatory agency files for this site was not deemed necessary, and the site is not expected to represent a significant environmental concern.</p>

Facility Name	Pinole Valley Community Church
Address	2885 Pinole Valley Road
Distance & Direction	Adjoining to the south
Hydrologic Position	Cross-gradient
Databases Listed	RCRA NONGEN/NLR
Comments	<p>According to the regulatory database, this facility is listed as a verified non-generator, handler of unspecified hazardous waste in 2019. No violations were noted in relation to the listing.</p> <p>Based on the non-release nature of the listing, the review of regulatory agency files for this listing was not deemed necessary, and the listing is not expected to represent a significant environmental concern.</p>

Facility Name	Five Guys Burgers & Fries
Address	2870 Pinole Valley Road
Distance & Direction	Adjoining to the northwest, across Pinole Valley Road
Hydrologic Position	Down-gradient
Databases Listed	CONTRA COSTA CO. SITE LIST

Comments	<p>According to the regulatory database, this facility is listed as "active" under the county's General Hazardous Materials Business Plan Program. No additional information was provided.</p> <p>Based on the non-release nature of the listing, the review of regulatory agency files for this site was not deemed necessary, and the site is not expected to represent a significant environmental concern.</p>
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Facility Name	Pinole Valley Texaco, Texaco, Beacon, Fleming ED Texaco
Address	2810 Pinole Valley Road
Distance & Direction	Adjoining to the northwest, across Pinole Valley Road
Hydrologic Position	Down-gradient
Databases Listed	HIST UST (x3), SWEEPS UST, HWTS, LUST, CORTESE, ENF, HAZNET, HIST CORTESE, CONTRA COSTA CO. SITE LIST, CERS, HIST AUTO
Comments	<p>This gas station is no longer present and is currently a shopping center. According to the regulatory database, from at least 1971 to 2008 this facility is listed as a gasoline service station and was reportedly equipped with two (2) 8,000-gasoline USTs, one (1) 10,000-gallon gasoline UST, and one (1) 550-gasoline waste oil USTs from at least 1970 to 1999. This site is also listed as a Leaking Underground Storage Tank (LUST) Cleanup Site, Underground Storage Tank Site, and generator of approximately 0.05 to 5.28 tons annually of unspecified organic liquid mixture, other organic solids, polychlorinated biphenyls (PCBs) and materials containing PCBs, and aqueous solution with total organic residues 10 percent or more in the years 2000 to 2004. Additionally, approximately 76 tons of contaminated soil was reportedly removed from the site in 1999. No violations were reported in association with the listings.</p> <p>According to a February 2006 Monitoring Well Installation and Groundwater Monitoring Report, one (1) 10,000 gallon gasoline UST and one (1) 550-gallon motor oil UST were removed from the site in January 1999. Subsequent soil and groundwater sampling revealed elevated levels of total petroleum hydrocarbons as gasoline (TPH-G), TPH as motor oil (TPH-MO), total oil and grease (TOG), benzene, toluene, ethylbenzene and total xylenes (BTEX), fuel oxygenates methyl tert-butyl ether (MTBE) chromium, lead, nickel and zinc in the soil and elevated levels of TPH-G, BTEX, and MTBE in the groundwater. Under the supervision of the Contra Costa County Health Services (CCCHS), contaminated soil was excavated from the site in the same year. In 2002, a subsurface investigation was conducted on-site under the supervision of the Regional Water Quality Control Board (RWQCB) which included the installation of several soil borings and groundwater monitoring wells. Soil and groundwater monitoring were conducted in the years 2004 to 2006. According to the March 2008 Case Closure Letter, all contamination levels were either non-detectable or below the SF RWQCB environmental screening levels, with the exception of MTBE. The case was issued regulatory closure by the SF Bay RWQCB on March 13, 2008.</p>

	Based on the relative distance from the subject property, time elapsed, direction of groundwater flow, current regulatory status, as well as the intervening roadway, associated easements and utility corridors, these listings are not expected to represent a significant environmental concern.
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Facility Name	MOD Pizza Pinole Valley
Address	2830 Pinole Valley Road
Distance & Direction	Adjoining to the west, across Pinole Valley Road
Hydrologic Position	Down-gradient
Databases Listed	CONTRA COSTA CO. SITE LIST
Comments	<p>According to the regulatory database, this facility is listed as "inactive" under the county's General Hazardous Materials Business Plan Program. No additional information was provided.</p> <p>Based on the non-release nature of the listing, the review of regulatory agency files for this listing was not deemed necessary, and the listing is not expected to represent a significant environmental concern.</p>

5.2 VAPOR MIGRATION

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

AEI did not identify significant on-site concerns and/or regulated listings from nearby sites which suggest that a vapor-phase migration concern currently exists at the subject property.

6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

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

6.1.1 OWNER AND KEY SITE MANAGER

Relation to Property	Name	Date Interviewed	Method of Contact	Year First Associated w/ Property	Notes
Owner/Owner Representative	Mr. Brian Baniqued	February 18, 2021	Email	2001	Interviewed; see Interview Summary table below
Key Site Manager	N/A	N/A	N/A	N/A	Owner is acting Key Site Manager; see Interview Summary table below

Interview Summary

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

Question	Owner (Representative) Response/ Comment	Key Site Manager Response/ Comment
Are you aware of any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality?	No	N/A
Additional information provided:	Mr. Brian Baniqued stated that the subject property has been used for retail and office purposes. Mr. Baniqued also provided a prior Phase I Environmental Assessment. Please refer to Section 6.3 for additional information.	N/A

6.1.2 PAST OWNERS, OPERATORS, AND OCCUPANTS

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

6.1.3 INTERVIEW WITH OTHERS

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

6.2 USER PROVIDED INFORMATION

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

The User Questionnaire was completed by Mr. Brian Baniqued, Owner. The following table represents information contained therein.

Question	Response/ Comment
<p>1. Environmental liens that are filed or recorded against the property (40 CFR 312.25)</p> <p>Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?</p>	No
<p>2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi)).</p>	No

Question	Response/ Comment
Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	
<p>3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).</p> <p>Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?</p>	No
<p>4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).</p> <p>Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?</p>	Yes
<p>5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).</p> <p>Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:</p> <p>(a) Do you know the past uses of the property?</p> <p>(b) Do you know of specific chemicals that are present or once were present at the property?</p> <p>(c) Do you know of spills or other chemical releases that have taken place at the property?</p> <p>(d) Do you know of any environmental cleanups that have taken place at the property?</p>	No
<p>6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).</p> <p>Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?</p>	No

6.3 PREVIOUS REPORTS AND OTHER PROVIDED DOCUMENTATION

Documentation was provided to AEI by Mr. Brian Baniqued, Owner, during this assessment. A summary of this information follows:

Phase I Environmental Site Assessment (2801 Pinole Valley Road, Pinole, California 94564), prepared by Pacific Environmental Management, Inc. (April 13, 2017)

This report describes the subject property generally consistent with current conditions, consisting of a two-story mixed-use retail office building. The report identified the historical use of the property as vacant undeveloped land until the construction of the existing building in 1984. Pacific Environmental Management, Inc. concluded that recognized environmental

conditions and historical recognized environmental conditions at the subject property were not identified and recommended no further investigation at the subject property. The following BER was identified:

- Asbestos-Containing Materials and Lead-Based Paint The date of first construction of the on-site building reduces but does not eliminate the possibility that some asbestos containing material (ACM) and/or lead-based paint (LBP) may be present. However, the interior of the subject site has been periodically remodeled since the general time periods that ACM and LBP were more commonly used in building construction and the complete exterior of the building was painted approximately two years ago with maintenance painting completed recently. Significant types and quantities of damaged potential ACM and LBP were not obvious in the limited areas observed. Building materials were generally in good condition. Potential and confirmed ACM and LBP, if any, should be managed according to all applicable regulations.

According to the report, there were no notable exclusions, exceptions or limitations from the scope of work or restrictions placed on the work performed. There appear to be no significant data gaps that affected the ability of PEM to identify potential recognized environmental conditions.

A copy of the report is included in the appendices.

Note: As the above documentation was not prepared by AEI, the information obtained was not verified for accuracy and a critique of the information contained therein is beyond the scope of this assessment.

6.4 ENVIRONMENTAL LIEN SEARCH

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

7.0 SITE RECONNAISSANCE

Site Reconnaissance Date	February 11, 2021
AEI Site Assessor(s)	Allison Essary
Property Escort(s)/ Relationship(s) to Property	Ms. Tammy Sherman/Administrative Assistant
Units/Areas Observed	Accessible interior and exterior areas of the subject property were accessed during the site reconnaissance.
Area(s) not accessed and reason(s)	N/A
Other Physical Constraints	None

Reconnaissance Findings Summary

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

7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

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

7.1.1 ELECTRICAL OR MECHANICAL EQUIPMENT LIKELY TO CONTAIN FLUIDS

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

Transformers

Type	Quantity	Owner	Presumed Date of Installation	Spills or Stains Observed (Yes/No)	Non-PCB Label (Yes/No)
Pad-Mounted	One	PG&E	Post 1977	No	No
Subsurface	One	PG&E	Post 1977	No	No

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

Transformers installed prior to 1977 may be PCB containing while transformers installed after 1977 are unlikely to be PCB containing. Federal Regulations (40 CFR 761 Subpart G) require any release of material containing >50 ppm PCB and occurring after May 4, 1987, be cleaned up by the transformer owner following the United States EPA's PCB spill cleanup policy.

AEI did not observe evidence of spills, staining, or leaks on or around the pad-mounted transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

Due to the sub-grade nature of the transformer, AEI was unable to observe the condition of the subsurface equipment.

Elevators

The subject property building is equipped with a hydraulic elevator. Based on the age of the building (post-1978), it is unlikely that the hydraulic fluid within the equipment contains PCBs. The equipment for the elevator is located in the common space of the subject property building, adjacent to the west entrance. No evidence of stains or leaks was observed at the base of the equipment during the site reconnaissance. The elevator is reportedly maintained by Vertrans Vertical Transportation Company. Based on the good condition and regular maintenance of the elevator, it is not expected to represent a significant environmental concern.

7.1.2 DRAINS, SUMPS, AND CLARIFIERS

Five storm drains were observed in the parking area of the subject property. AEI did not observe evidence of hazardous substances or petroleum products in the vicinity of the drains. Based on the use of the drains solely for storm water runoff, the presence of the drains is not expected to represent a significant environmental concern.

7.1.3 OTHER

The on-site kitchen drainage system in unit A is equipped with a grease trap. According to the occupant, the trap is cleaned daily and emptied into a storage container located on the east side of the building for off-site disposal. According to the occupant, San Jose Tallow Company picks up the kitchen grease regularly. Based on the non-hazardous nature of material entering the grease trap, and the periodic cleanout, it is not expected to represent a significant environmental concern.

X-ray equipment is utilized at the subject property in connection with the dental and chiropractic practices conducted on site. However, according to the occupants of units F and 200, the x-ray image processing equipment is all digital in nature, and has always been digital. Chemical x-ray image processing has never been performed on site. Therefore, the x-ray equipment is not expected to represent any significant environmental concern.

Cleaning supplies and detergents are stored in a locked storage closet within the subject property building. All chemicals were packaged in consumer quantities. Based on the nature of these materials, the presence of cleaning supplies at the subject property is not expected to represent a significant environmental concern.

7.2 ADJOINING PROPERTY RECONNAISSANCE FINDINGS

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

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

The adjoining site to the north was observed to be occupied by gas station. Based on the nature of use, hazardous substances and/or petroleum products are likely utilized/stored on the site. This site was identified in the regulatory database and is further discussed in [Section 5.1](#).

8.0 NON-ASTM SERVICES

8.1 ASBESTOS-CONTAINING BUILDING MATERIALS

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

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

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

Although the cutoff date of 1981 referenced in the OSHA regulations is generally accepted for estimating the likelihood that certain building materials may contain asbestos, building materials manufactured after 1981, while not expected to, may still contain asbestos. Typical materials that are known to still be manufactured with asbestos include but are not limited to: asphalt roofing products and building caulking materials and adhesives. A limited list of typical suspect ACMs is included in the following table:

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

The observed suspect ACMs were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. In the event that building renovation or demolition activities are planned, a thorough asbestos survey is required in accordance with the EPA NESHAP 40 CFR Part 61 prior to demolition or renovation activities that may disturb ACMs.

8.2 LEAD-BASED PAINT

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

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

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

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

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

Due to the age of the subject property building, it is unlikely that LBP is present; however, LCP may be present. Based on the good condition of the observed painted surfaces, potential LCP is not considered a significant environmental concern at this time.

8.3 RADON

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

Radon sampling was not requested as part of this assessment. According to the California Department of Health Services Radon Database, 12 tests were conducted for radon levels in the subject property zip code (94564) in 2016. All of these tests indicated that radon levels were below the action level of 4.0 pCi/L set forth by the US EPA. Therefore, radon is not expected to represent a significant environmental concern.

8.4 MOLD

Molds are simple microscopic organisms which can often be seen in the form of discoloration, frequently green, gray, white, brown, or black. When excessive moisture or water accumulates indoors, mold growth may occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials, including drywall, wallpaper, baseboards, wood framing, insulation, and carpeting, often play host to such growth. Mold spores primarily cause health problems through the inhalation of spores or the toxins they emit when they are present in large numbers. This can occur when there is active mold growth within places where people live or work.

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

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

AEI observed interior areas of the subject property building in order to identify the presence of mold. AEI did not note obvious visual or olfactory indications of the presence of mold, nor did AEI observe obvious indications of significant water damage. However, several water stained ceiling tiles were observed throughout the subject property building. Based upon our observations, AEI recommends replacing stained ceiling tiles and confirming that the source of water intrusion has been addressed.

9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

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

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:



Allison Essary
Project Manager

Reviewed By:



Ron Bridgeman
Senior Author

10.0 REFERENCES

Item	Date(s)	Source
Soils Information	Accessed February 2021	USDA Web Soil Survey http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx
Depth to Groundwater Information	Accessed February 2021	GeoTracker
Aerial Photographs	1939-2021 (non-inclusive)	EDR, NETR Online (www.historicaerials.com), Google Earth
Sanborn Map Report/Search	February 4, 2021	EDR
City Directories	1975-2017 (non-inclusive)	EDR
Historical Topographic Maps	1895-2018 (non-inclusive)	NETR Online (www.historicaerials.com)
Environmental Health Department	February 8, 2021	Contra Costa County Department of Environmental Health
Fire Department	February 5, 2021, February 17, 2021	Pinole Fire Department
Building Department	February 5, 2021	Pinole Development Services Department
Planning Department	February 4, 2021, February 8, 2021, February 21, 2021	Pinole Planning Department
Assessor's Information and Parcel Map	February 4, 2021	Contra Costa County Assessor's Office
Other Agencies Searched	February 4, 2021, February 5, 2021, February 8, 2021	SWRCB GeoTracker, DTSC HWTS, and DTSC EnviroStor, CalEPA, BAAQMD, CCCHAZMAT, Pinole City Clerk
Oil and Gas Wells	February 4, 2021	California Geologic Energy Management Division
Oil and Gas Pipelines	February 4, 2021	NPMS Public Map Viewer https://www.npms.phmsa.dot.gov/PublicViewer/composite.jsf
State Environmental Superliens	February 4, 2021	NETR Online Environmental Lien and AUL State Statutes website http://environmental.netronline.com/lienStatutes.aspx
Regulatory Database Report	February 4, 2021	EDR
Interview with Owner	February 18, 2021	Mr. Brian Baniqued
Previous Report(s)	April 13, 2017	<i>Phase I Environmental Site Assessment (2801 Pinole Valley Road, Pinole, California 94564)</i> , prepared by Pacific Environmental Management, Inc.
Radon Zone Information	Updated 2016	California Department of Health Services Radon Database https://www.cdph.ca.gov

APPENDIX A

FIGURES

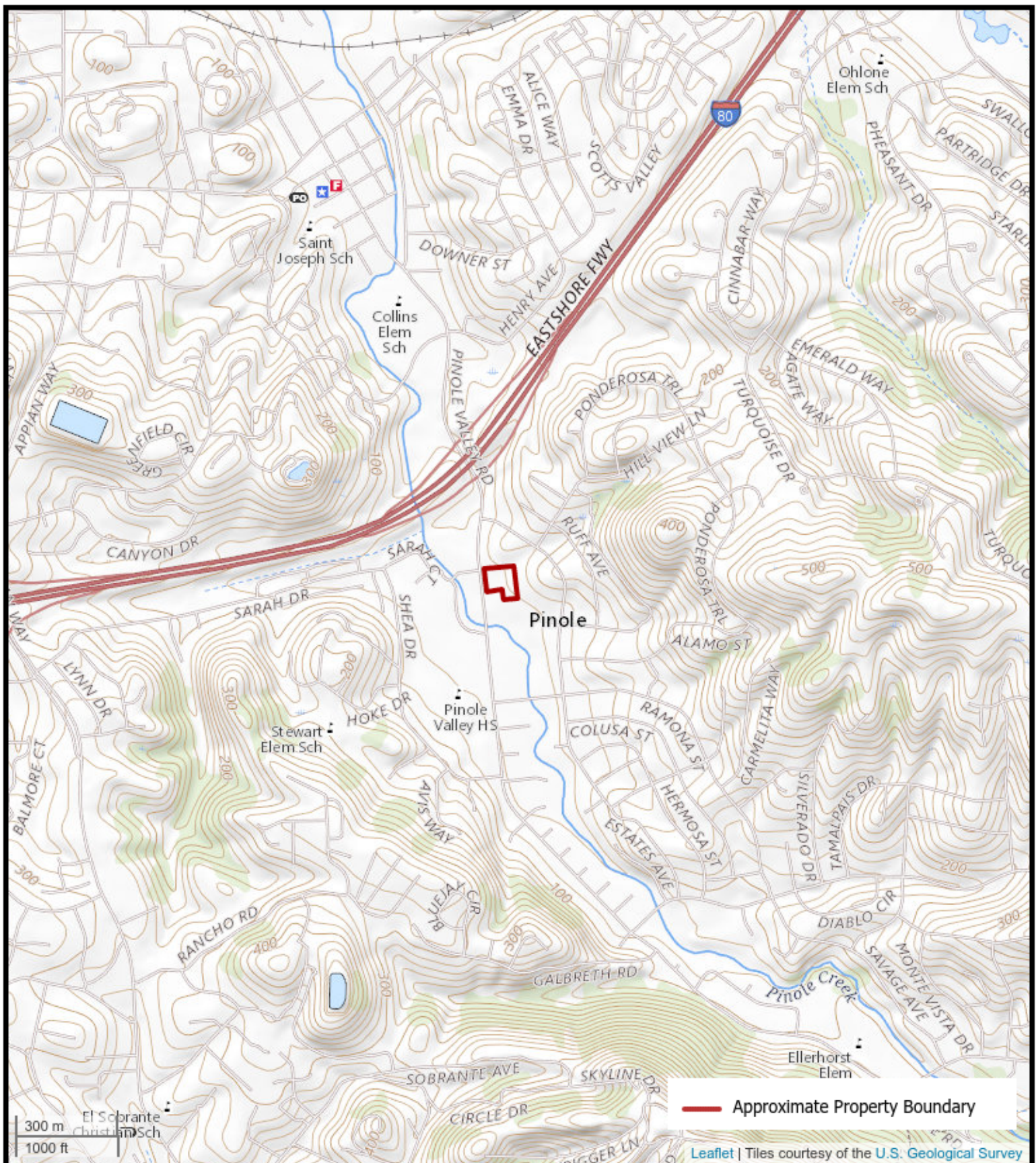


FIGURE 1: TOPOGRAPHIC MAP

2801 Pinole Valley Road, Pinole, California 94564

AEI Project Number: 434038



AEI
Consultants







Approximate Property Boundary	
Inferred Groundwater Direction	
Transformer	
Regulatory Database Listing	



FIGURE 2: SITE MAP

2801 Pinole Valley Road, Pinole, California 94564
 AEI Project Number: 434038



APPENDIX B

PROPERTY PHOTOGRAPHS



1. Northeast side of the subject property



2. East side of the subject property



3. Southeast side of the subject property



4. South side of the subject property



5. West side of the subject property



6. West entrance of the subject property building



7. Second floor of the subject property building



8. Landing above the second floor of the subject property building



9. Interior of unit 200



10. X-ray equipment, unit 200



11. Interior of unit 202



12. Interior of unit 204



13. Interior of unit 206



14. Interior of unit 208



15. Interior of unit 210



16. Interior of unit A



17. Kitchen of unit A



18. Interior of unit B



19. Interior of unit C



20. Interior of unit D



21. Interior of unit E



22. Interior of unit F



23. X-ray equipment of unit F



24. Representative restroom



25. Elevator equipment room



26. Janitorial closet



27. Observed water-stained ceiling tiles



28. Observed water-stained ceiling tiles



29. On-site pad-mounted transformer



30. On-site transformer vault



31. Northwest adjoining shopping center



32. North adjoining gas station



33. East adjoining assisted living facility



34. South adjoining convenience store and church



35. Southwest adjoining shopping center



36. West adjoining shopping center

APPENDIX C

REGULATORY DATABASE

434038

2801 Pinole Valley Road
Pinole, CA 94564

Inquiry Number: 6355692.2s
February 04, 2021

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

2801 PINOLE VALLEY ROAD
PINOLE, CA 94564

COORDINATES

Latitude (North): 37.9939700 - 37° 59' 38.29"
Longitude (West): 122.2849270 - 122° 17' 5.73"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 562788.6
UTM Y (Meters): 4205181.5
Elevation: 56 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640624 RICHMOND, CA
Version Date: 2012

North Map: 5602140 MARE ISLAND, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140608
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
2801 PINOLE VALLEY ROAD
PINOLE, CA 94564

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	COUNTRY MEADOW APART	2801 PINOLE VALLEY R	FINDS		TP
A2	J&S CONVENIENCE INC	2869 PINOLE VALLEY R	CONTRA COSTA CO. SITE LIST, CERS	Lower	47, 0.009, SSW
A3	PINOLE VALLEY A R C	2747 PINOLE VALLEY R	EDR Hist Auto	Higher	53, 0.010, NW
A4	ARCO AM/PM #06228	2747 PINOLE VALLEY R	UST	Higher	53, 0.010, NW
A5	VINCENT SIEBERN	2747 PINOLE VALLEY R	SWEEPS UST, HIST UST	Higher	53, 0.010, NW
A6	BP WEST COAST PRODUC	2747 PINOLE VALLEY R	RCRA NonGen / NLR	Higher	53, 0.010, NW
A7	PINOLE VALLEY ARCO	2747 PINOLE VALLEY R	RCRA NonGen / NLR	Higher	53, 0.010, NW
A8	BP WEST COAST PRODUC	2747 PINOLE VALLEY R	LUST, CERS HAZ WASTE, CERS TANKS, Cortese, ENF,...	Higher	53, 0.010, NW
A9	MOD PIZZA PINOLE VAL	2830 PINOLE VALLEY R	CONTRA COSTA CO. SITE LIST	Lower	76, 0.014, West
B10	PINOLE VALLEY TEXACO	2810 PINOLE VALLEY R	HIST UST	Lower	80, 0.015, WNW
B11	TEXACO	2810 PINOLE VALLEY R	SWEEPS UST, HIST UST	Lower	80, 0.015, WNW
B12	BEACON	2810 PINOLE VALLEY R	LUST, Cortese, ENF, HAZNET, HIST CORTESE, CONTRA...	Lower	80, 0.015, WNW
B13	FLEMING ED TEXACO	2810 PINOLE VLY RD	EDR Hist Auto	Lower	80, 0.015, WNW
B14	TEXACO	2810 PINOLE VALLEY R	HIST UST	Lower	80, 0.015, WNW
B15	FIVE GUYS BURGERS &	2780 PINOLE VALLEY R	CONTRA COSTA CO. SITE LIST	Lower	117, 0.022, NW
16	PINOLE VALLEY COMMUN	2885 PINOLE VALLEY R	RCRA NonGen / NLR	Lower	127, 0.024, South
B17	SHERWIN WILLIAMS #86	2727 PINOLE VALLEY R	RCRA NonGen / NLR	Higher	187, 0.035, NNW
B18	SHERWIN WILLIAMS #86	2727 PINOLE VALLEY R	CERS HAZ WASTE, HAZNET, CONTRA COSTA CO. SITE...	Higher	187, 0.035, NNW
B19	STAR CLEANERS	2762 PINOLE VALLEY R	EDR Hist Cleaner	Lower	268, 0.051, NW
B20	CREEKSIDE DRY CLEANE	2762 PINOLE VALLEY R	CONTRA COSTA CO. SITE LIST	Lower	268, 0.051, NW
C21	WALGREENS #11614	2750 PINOLE VALLEY R	RCRA-SQG	Lower	342, 0.065, NNW
C22	WALGREENS #11614	2750 PINOLE VALLEY R	CERS HAZ WASTE, CONTRA COSTA CO. SITE LIST	Lower	342, 0.065, NNW
C23	PINOLE CLEANERS	2701 PINOLE VALLEY R	RCRA-SQG, DRYCLEANERS, HAZNET, CONTRA COSTA CO..	Higher	347, 0.066, NNW
C24	FREDS GULF SERVICE	2701 PINOLE VLY RD	EDR Hist Auto	Higher	347, 0.066, NNW
C25	FORMER BEACON STATIO	2701 PINOLE VALLEY R	LUST, Cortese, EMI, HIST CORTESE, CONTRA COSTA CO....	Higher	347, 0.066, NNW
C26	PINOLE CLEANERS	2701 PINOLE VLY RD S	EDR Hist Cleaner	Higher	347, 0.066, NNW
C27	BEACON STATION #545	2701 PINOLE VALLEY R	SWEEPS UST, HIST UST, EMI, CERS	Higher	347, 0.066, NNW
D28	CROCKETT UNION	2354 PALOMA CT 3	EDR Hist Auto	Higher	373, 0.071, SE
D29	PAUL HIRSH	2362 PALOMA STREET	RCRA NonGen / NLR	Higher	424, 0.080, SE
C30	TRADER JOES 230	2742 PINOLE VALLEY R	RCRA NonGen / NLR	Lower	492, 0.093, NNW
C31	TRADER JOE'S #230	2742 PINOLE VALLEY R	CONTRA COSTA CO. SITE LIST	Lower	492, 0.093, NNW
C32	TRADER JOE'S #230	2742 PINOLE VALLEY R	CERS HAZ WASTE, CERS	Lower	492, 0.093, NNW
C33	MERCURY DRY CLEANER	2714 PINOLE VALLEY R	SEMS-ARCHIVE, CPS-SLIC, NON-CASE INFO	Lower	544, 0.103, NNW
C34	MERCURY CLEANERS	2714 PINOLE VALLEY R	EDR Hist Cleaner	Lower	544, 0.103, NNW
C35	MERCURY DRY CLEANERS	2714 PINOLE VALLEY R	ENVIROSTOR, VCP, DEED, EMI	Lower	544, 0.103, NNW
C36	PINOLE VALLEY SHOPPI	2714 PINOLE VALLEY R	RCRA-SQG, US FIN ASSUR, FINDS, ECHO, HAZNET,...	Lower	544, 0.103, NNW
E37	KEN BETTS PINOLE CHE	2695 PINOLE VALLEY R	UST	Lower	560, 0.106, North
E38	BETTS KEN INC	2695 PINOLE VALLEY R	EDR Hist Auto	Lower	560, 0.106, North
E39	CHEVRON STATION NO 9	2695 PINOLE VALLEY R	RCRA-SQG, LUST, CERS HAZ WASTE, SWEEPS UST, CERS.	Lower	560, 0.106, North

MAPPED SITES SUMMARY

Target Property Address:
2801 PINOLE VALLEY ROAD
PINOLE, CA 94564

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	CHEVRON 94014	2695 PINOLE VALLEY R	HIST UST, HAZNET, HWTS	Lower	560, 0.106, North
E41	94014	2695 PINOLE VALLEY R	HIST UST	Lower	560, 0.106, North
E42	94014	2695 PINOLE VALLEY R	RCRA-LQG	Lower	560, 0.106, North
E43	CHEVRON # 94014 / KI	2695 PINOLE VALLEY R	RCRA NonGen / NLR	Lower	560, 0.106, North
D44	TODD AND STEPHANIE D	2901 ESTATES AVE	RCRA NonGen / NLR	Higher	561, 0.106, SE
C45	PINOLE VALLEY SHOPPI	2700 PINOLE VALLEY R	CPS-SLIC	Lower	570, 0.108, NNW
E46	PINOLE VALLEY SHELL	2690 PINOLE VLY RD	EDR Hist Auto	Lower	654, 0.124, NNW
E47	SHELL OIL CO	2690 PINOLE VALLEY R	RCRA NonGen / NLR	Lower	654, 0.124, NNW
E48	PINOLE CLAUHEY SHELL	2690 PINOLE VALLEY R	SWEEPS UST, HIST UST	Lower	654, 0.124, NNW
E49	SHELL	2690 PINOLE VALLEY R	LUST, Cortese, HIST CORTESE, CONTRA COSTA CO. SITE...	Lower	654, 0.124, NNW
E50	JACK IN THE BOX	2689 PINOLE VALLEY R	CONTRA COSTA CO. SITE LIST, CERS	Lower	713, 0.135, North
F51	UNION OIL SS 4754	2995 PINOLE VALLEY R	HIST UST, HAZNET, HWTS	Lower	859, 0.163, South
F52	UNION OIL SS# 4754	2995 PINOLE VALLEY R	HIST UST	Lower	859, 0.163, South
F53	UNION #4754	2995 PINOLE VALLEY R	UST	Lower	859, 0.163, South
F54	CONOCOPHILLIPS SITE	2995 PINOLE VALLEY R	RCRA-SQG	Lower	859, 0.163, South
F55	UNION OIL SS4754	2995 PINOLE VALLEY R	HIST UST	Lower	859, 0.163, South
F56	TOSCO - FACILITY #47	2995 PINOLE VALLEY R	LUST, SWEEPS UST, Cortese, HIST CORTESE, CONTRA...	Lower	859, 0.163, South
57	DARIO AND LETICIA JA	2129 SARAH DRIVE	RCRA NonGen / NLR	Lower	1095, 0.207, West
F58	PINOLE VALLEY HIGH S	2900 PINOLE VALLEY R	RCRA NonGen / NLR	Higher	1116, 0.211, South
F59	CONTRA COSTA COUNTY	2900 PINOLE VALLEY R	RCRA NonGen / NLR	Higher	1116, 0.211, South
F60	WEST CONTRA COSTA UN	2900 PINOLE VALLEY R	RCRA NonGen / NLR	Higher	1116, 0.211, South
F61	PINOLE VALLEY HIGH S	2900 PINOLE VALLEY R	RCRA-LQG, PADS, FINDS	Higher	1116, 0.211, South
F62	WCCUSD/PINOLE HIGH S	2900 PINOLE VALLEY R	CONTRA COSTA CO. SITE LIST, CIWQS	Higher	1116, 0.211, South
63	AMREE JOHAL	2468 PALOMA STREET	RCRA NonGen / NLR	Higher	1148, 0.217, ESE
64	LISA HARVESTY	2139 SHEA DRIVE	RCRA NonGen / NLR	Higher	1304, 0.247, SW
65	TKG PINOLE GATEWAY L	1300-1400 PINOLE VAL	CPS-SLIC, HAZNET, CERS, HWTS	Lower	2314, 0.438, NNW
66	APPIAN 80 EXPRESS CL	1577 TARA HILLS DRIV	ENVIROSTOR, VCP, CERS HAZ WASTE, DRYCLEANERS, EM	Higher	4884, 0.925, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
COUNTRY MEADOW APART 2801 PINOLE VALLEY R PINOLE, CA 94564	FINDS	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal 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-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program

EXECUTIVE SUMMARY

CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register
PFAS.....	PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

CA FID UST.....	Facility Inventory Database
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Local Land Records

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File

EXECUTIVE SUMMARY

ABANDONED MINES.....	Abandoned Mines
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CUPA Listings.....	CUPA Resources List
EML.....	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
Notify 65.....	Proposition 65 Records
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)
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)
MINES MRDS.....	Mineral Resources Data System
HWTS.....	Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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.

EXECUTIVE SUMMARY

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 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 10/28/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MERCURY DRY CLEANER</i> Site ID: 0904794 EPA Id: CAD983662461	<i>2714 PINOLE VALLEY R</i>	<i>NNW 0 - 1/8 (0.103 mi.)</i>	<i>C33</i>	<i>166</i>

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PINOLE VALLEY HIGH S</i> EPA ID:: CAR000252163	<i>2900 PINOLE VALLEY R</i>	<i>S 1/8 - 1/4 (0.211 mi.)</i>	<i>F61</i>	<i>298</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
94014	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E42	251

EXECUTIVE SUMMARY

EPA ID:: CAT080033301

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

A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PINOLE CLEANERS EPA ID:: CAD983652819	2701 PINOLE VALLEY R	NNW 0 - 1/8 (0.066 mi.)	C23	106
Lower Elevation	Address	Direction / Distance	Map ID	Page
WALGREENS #11614 EPA ID:: CAL000336131	2750 PINOLE VALLEY R	NNW 0 - 1/8 (0.065 mi.)	C21	97
PINOLE VALLEY SHOPPI EPA ID:: CAR000121822	2714 PINOLE VALLEY R	NNW 0 - 1/8 (0.103 mi.)	C36	190
CHEVRON STATION NO 9 EPA ID:: CAD980638035	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E39	212
CONOCOPHILLIPS SITE EPA ID:: CAL000277058	2995 PINOLE VALLEY R	S 1/8 - 1/4 (0.163 mi.)	F54	278

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
APPIAN 80 EXPRESS CL Facility Id: 60001904 Status: Active	1577 TARA HILLS DRIV	W 1/2 - 1 (0.925 mi.)	66	309
Lower Elevation	Address	Direction / Distance	Map ID	Page
MERCURY DRY CLEANERS	2714 PINOLE VALLEY R	NNW 0 - 1/8 (0.103 mi.)	C35	168

EXECUTIVE SUMMARY

Facility Id: 07720037
 Status: Certified / Operation & Maintenance

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 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BP WEST COAST PRODUC Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 09/08/2020 Status: Open - Remediation Facility Id: 07-0433 Facility Status: Remedial action (cleanup) Underway Global Id: T0601300401	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A8	22
FORMER BEACON STATIO Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 09/08/2020 Status: Completed - Case Closed Facility Id: 07-0378 Facility Status: Suspension of Work Letter from Cleanup Fund Global Id: T0601300351 date9: 3/21/1997	2701 PINOLE VALLEY R	NNW 0 - 1/8 (0.066 mi.)	C25	144
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEACON Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 09/08/2020 Status: Completed - Case Closed Facility Id: 07-0768 Facility Status: Leak being confirmed Global Id: T0601300714	2810 PINOLE VALLEY R	WNW 0 - 1/8 (0.015 mi.)	B12	49
CHEVRON STATION NO 9 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 09/08/2020 Status: Completed - Case Closed Facility Id: 07-0711 Facility Status: Pollution Characterization Global Id: T0601300658	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E39	212
SHELL Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 09/08/2020 Status: Completed - Case Closed Facility Id: 07-0277 Facility Status: Case Closed	2690 PINOLE VALLEY R	NNW 0 - 1/8 (0.124 mi.)	E49	265

EXECUTIVE SUMMARY

longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VINCENT SIEBERN Status: A Tank Status: A Comp Number: 27111	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A5	15
BEACON STATION #545 Comp Number: 38539	2701 PINOLE VALLEY R	NNW 0 - 1/8 (0.066 mi.)	C27	153
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TEXACO Status: A Tank Status: A Comp Number: 57699	2810 PINOLE VALLEY R	WNW 0 - 1/8 (0.015 mi.)	B11	47
CHEVRON STATION NO 9 Status: A Tank Status: A Comp Number: 62555	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E39	212
PINOLE CLAUHEY SHELL Status: A Tank Status: A Comp Number: 30067	2690 PINOLE VALLEY R	NNW 0 - 1/8 (0.124 mi.)	E48	262
TOSCO - FACILITY #47 Status: A Tank Status: A Comp Number: 7102	2995 PINOLE VALLEY R	S 1/8 - 1/4 (0.163 mi.)	F56	282

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 11 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VINCENT SIEBERN Facility Id: 00000027111	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A5	15
BEACON STATION #545 Facility Id: 00000038539	2701 PINOLE VALLEY R	NNW 0 - 1/8 (0.066 mi.)	C27	153
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PINOLE VALLEY TEXACO Facility Id: 00000057699	2810 PINOLE VALLEY R	WNW 0 - 1/8 (0.015 mi.)	B10	46
TEXACO Facility Id: 00000016133	2810 PINOLE VALLEY R	WNW 0 - 1/8 (0.015 mi.)	B11	47
TEXACO	2810 PINOLE VALLEY R	WNW 0 - 1/8 (0.015 mi.)	B14	79
CHEVRON 94014	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E40	245

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
94014 Facility Id: 00000062555	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E41	250
PINOLE CLAUHEY SHELL Facility Id: 00000030067	2690 PINOLE VALLEY R	NNW 0 - 1/8 (0.124 mi.)	E48	262
UNION OIL SS 4754 UNION OIL SS# 4754 Facility Id: 00000007102	2995 PINOLE VALLEY R	S 1/8 - 1/4 (0.163 mi.)	F51	273
UNION OIL SS4754 Facility Id: 00000059258	2995 PINOLE VALLEY R	S 1/8 - 1/4 (0.163 mi.)	F52	277
			F55	281

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 10/19/2020 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BP WEST COAST PRODUC	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A8	22
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON STATION NO 9	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E39	212

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 08/31/2020 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERCURY DRY CLEANERS Status: CERTIFIED / OPERATION & MAINTENANCE Envirostor ID: 7720037	2714 PINOLE VALLEY R	NNW 0 - 1/8 (0.103 mi.)	C35	168

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that

EXECUTIVE SUMMARY

there are 15 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BP WEST COAST PRODUC EPA ID:: CAL000414912	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A6	17
PINOLE VALLEY ARCO EPA ID:: CAL000260075	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A7	20
SHERWIN WILLIAMS #86 EPA ID:: CAL000399227	2727 PINOLE VALLEY R	NNW 0 - 1/8 (0.035 mi.)	B17	82
PAUL HIRSH EPA ID:: CAC003034969	2362 PALOMA STREET	SE 0 - 1/8 (0.080 mi.)	D29	158
TODD AND STEPHANIE D EPA ID:: CAC002977406	2901 ESTATES AVE	SE 0 - 1/8 (0.106 mi.)	D44	255
PINOLE VALLEY HIGH S EPA ID:: CAL000013198	2900 PINOLE VALLEY R	S 1/8 - 1/4 (0.211 mi.)	F58	290
CONTRA COSTA COUNTY EPA ID:: CAH111000417	2900 PINOLE VALLEY R	S 1/8 - 1/4 (0.211 mi.)	F59	293
WEST CONTRA COSTA UN EPA ID:: CAC003020104	2900 PINOLE VALLEY R	S 1/8 - 1/4 (0.211 mi.)	F60	295
AMREE JOHAL EPA ID:: CAC003011741	2468 PALOMA STREET	ESE 1/8 - 1/4 (0.217 mi.)	63	302
LISA HARVESTY EPA ID:: CAC003001012	2139 SHEA DRIVE	SW 1/8 - 1/4 (0.247 mi.)	64	304

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PINOLE VALLEY COMMUN EPA ID:: CAC003020897	2885 PINOLE VALLEY R	S 0 - 1/8 (0.024 mi.)	16	80
TRADER JOES 230 EPA ID:: CAL000435477	2742 PINOLE VALLEY R	NNW 0 - 1/8 (0.093 mi.)	C30	160
CHEVRON # 94014 / KI EPA ID:: CAL000344596	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E43	253
SHELL OIL CO EPA ID:: CAD981401839	2690 PINOLE VALLEY R	NNW 0 - 1/8 (0.124 mi.)	E47	259
DARIO AND LETICIA JA	2129 SARAH DRIVE	W 1/8 - 1/4 (0.207 mi.)	57	288

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 06/22/2020 has revealed that there are 6 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BP WEST COAST PRODUC Cleanup Status: OPEN - REMEDIATION	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A8	22
FORMER BEACON STATIO Cleanup Status: COMPLETED - CASE CLOSED	2701 PINOLE VALLEY R	NNW 0 - 1/8 (0.066 mi.)	C25	144

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEACON	2810 PINOLE VALLEY R	WNW 0 - 1/8 (0.015 mi.)	B12	49

EXECUTIVE SUMMARY

CONTRA COSTA CO. SITE LIST: Lists includes sites from the Underground Tank Program, Hazardous Waste Generator Program & Business Plan 12185 Program

A review of the CONTRA COSTA CO. SITE LIST list, as provided by EDR, and dated 10/19/2020 has revealed that there are 17 CONTRA COSTA CO. SITE LIST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BP WEST COAST PRODUC Facility Id: FA0031994	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A8	22
SHERWIN WILLIAMS #86 Facility Id: FA0035993	2727 PINOLE VALLEY R	NNW 0 - 1/8 (0.035 mi.)	B18	85
PINOLE CLEANERS Facility Id: FA0033333	2701 PINOLE VALLEY R	NNW 0 - 1/8 (0.066 mi.)	C23	106
FORMER BEACON STATIO Facility Id: FA0032205	2701 PINOLE VALLEY R	NNW 0 - 1/8 (0.066 mi.)	C25	144
WCCUSD/PINOLE HIGH S Facility Id: FA0031891	2900 PINOLE VALLEY R	S 1/8 - 1/4 (0.211 mi.)	F62	301
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
J&S CONVENIENCE INC Facility Id: FA0035348	2869 PINOLE VALLEY R	SSW 0 - 1/8 (0.009 mi.)	A2	9
MOD PIZZA PINOLE VAL Facility Id: FA0041834	2830 PINOLE VALLEY R	W 0 - 1/8 (0.014 mi.)	A9	46
BEACON Facility Id: FA0032437	2810 PINOLE VALLEY R	WNW 0 - 1/8 (0.015 mi.)	B12	49
FIVE GUYS BURGERS & Facility Id: FA0042872	2780 PINOLE VALLEY R	NW 0 - 1/8 (0.022 mi.)	B15	80
CREEKSIDE DRY CLEANE Facility Id: FA0028450	2762 PINOLE VALLEY R	NW 0 - 1/8 (0.051 mi.)	B20	96
WALGREENS #11614 Facility Id: FA0030570	2750 PINOLE VALLEY R	NNW 0 - 1/8 (0.065 mi.)	C22	102
TRADER JOE'S #230 Facility Id: FA0040291	2742 PINOLE VALLEY R	NNW 0 - 1/8 (0.093 mi.)	C31	163
PINOLE VALLEY SHOPPI Facility Id: FA0030379 Facility Id: FA0032974	2714 PINOLE VALLEY R	NNW 0 - 1/8 (0.103 mi.)	C36	190
CHEVRON STATION NO 9 Facility Id: FA0032514	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E39	212
SHELL Facility Id: FA0032033	2690 PINOLE VALLEY R	NNW 0 - 1/8 (0.124 mi.)	E49	265
JACK IN THE BOX Facility Id: FA0037815	2689 PINOLE VALLEY R	N 1/8 - 1/4 (0.135 mi.)	E50	269
TOSCO - FACILITY #47 Facility Id: FA0030899	2995 PINOLE VALLEY R	S 1/8 - 1/4 (0.163 mi.)	F56	282

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PINOLE VALLEY A R C	2747 PINOLE VALLEY R	NW 0 - 1/8 (0.010 mi.)	A3	14
FREDS GULF SERVICE	2701 PINOLE VLY RD	NNW 0 - 1/8 (0.066 mi.)	C24	144
CROCKETT UNION	2354 PALOMA CT 3	SE 0 - 1/8 (0.071 mi.)	D28	158

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FLEMING ED TEXACO	2810 PINOLE VLY RD	WNW 0 - 1/8 (0.015 mi.)	B13	78
BETTS KEN INC	2695 PINOLE VALLEY R	N 0 - 1/8 (0.106 mi.)	E38	212
PINOLE VALLEY SHELL	2690 PINOLE VLY RD	NNW 0 - 1/8 (0.124 mi.)	E46	258

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

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PINOLE CLEANERS	2701 PINOLE VLY RD S	NNW 0 - 1/8 (0.066 mi.)	C26	152
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STAR CLEANERS	2762 PINOLE VALLEY R	NW 0 - 1/8 (0.051 mi.)	B19	96
MERCURY CLEANERS	2714 PINOLE VALLEY R	NNW 0 - 1/8 (0.103 mi.)	C34	168

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6355692.2S



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

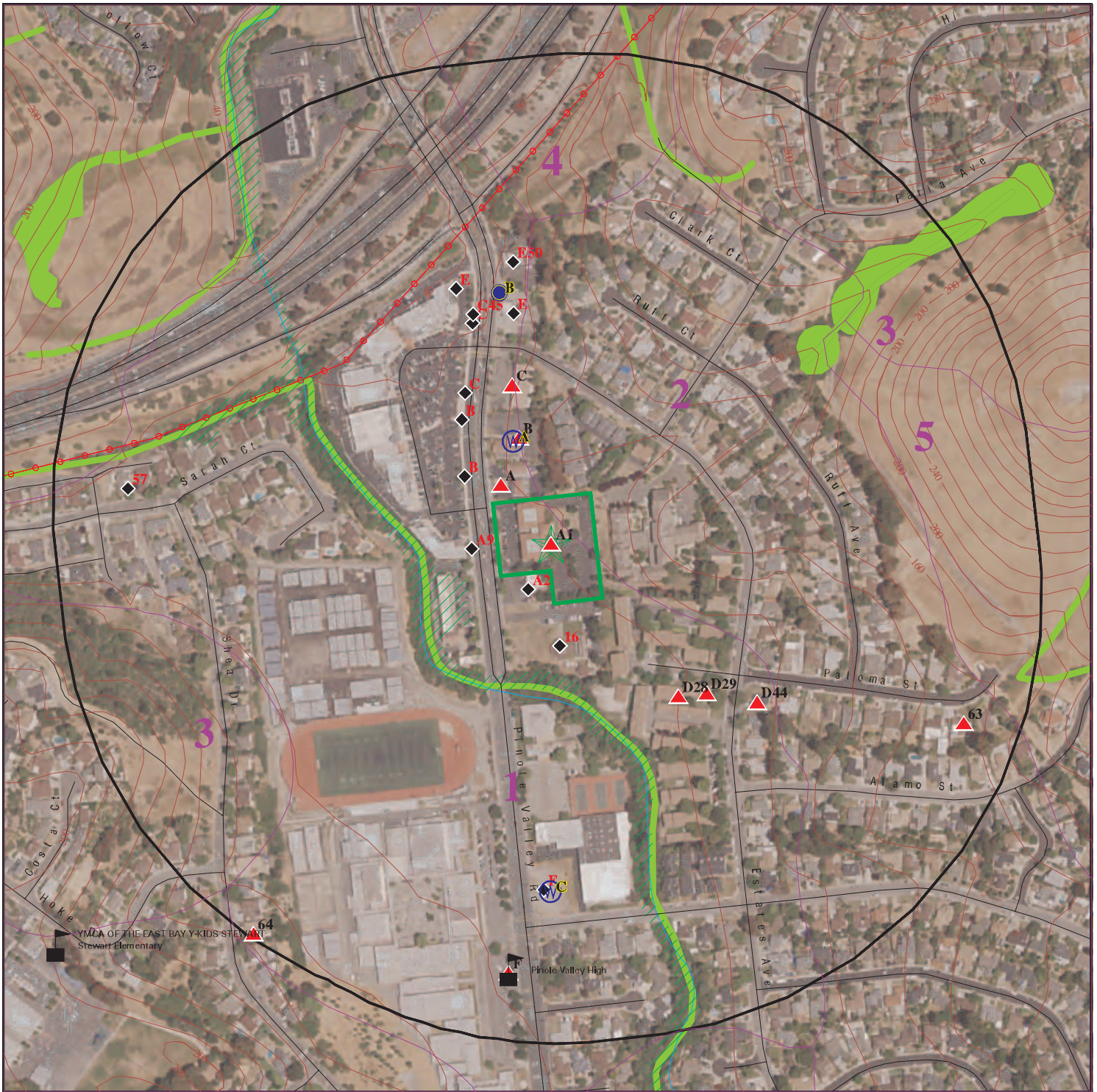


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 434038
 ADDRESS: 2801 Pinole Valley Road
 Pinole CA 94564
 LAT/LONG: 37.99397 / 122.284927

CLIENT: AEI Consultants
 CONTACT: Christian Cagonot
 INQUIRY #: 6355692.2s
 DATE: February 04, 2021 1:20 pm

DETAIL MAP - 6355692.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- 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: 434038
 ADDRESS: 2801 Pinole Valley Road
 Pinole CA 94564
 LAT/LONG: 37.99397 / 122.284927

CLIENT: AEI Consultants
 CONTACT: Christian Cagonot
 INQUIRY #: 6355692.2s
 DATE: February 04, 2021 1:23 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		1	1	NR	NR	NR	2
RCRA-SQG	0.250		4	1	NR	NR	NR	5
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		1	0	0	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		5	1	0	NR	NR	6

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		2	0	1	NR	NR	3
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	1	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		1	0	0	NR	NR	1
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		5	0	NR	NR	NR	5
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		5	1	NR	NR	NR	6
HIST UST	0.250		8	3	NR	NR	NR	11
CERS TANKS	0.250		2	0	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		1	0	0	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		9	6	NR	NR	NR	15
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		5	1	0	NR	NR	6
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		1	0	NR	NR	NR	1
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		5	1	0	NR	NR	6
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
CONTRA COSTA CO. SITE	0.250		14	3	NR	NR	NR	17
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	81	19	1	1	0	103

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A1	COUNTRY MEADOW APARTMENTS-TREAT FACILITY NO. 1	FINDS	1026272865
Target Property	2801 PINOLE VALLEY RD STE 210		N/A
	PINOLE, CA 94564		

Site 1 of 9 in cluster A

Actual: FINDS:
56 ft. Registry ID: 110050116842

Click Here:
Environmental Interest/Information System:
WATER TREATMENT PLANT

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

A2	J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)	CONTRA COSTA CO. SITE LIST	S121743879
SSW	2869 PINOLE VALLEY RD	CERS	N/A
< 1/8	PINOLE, CA 94564		

0.009 mi.
47 ft.

Site 2 of 9 in cluster A

Relative: CONTRA COSTA CO. SITE LIST:
Lower Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Actual: Address: 2869 PINOLE VALLEY RD
50 ft. City: PINOLE
Facility ID: FA0035348
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: LESS THAN 1000 LBS
Region: CONTRA COSTA
Cupa Number: 774838

CERS:
Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Address: 2869 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 1374
CERS ID: 10465537
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Violation Date: 07-27-2017
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: Facility failed to retain the written Emergency Response Plan at the facility. CORRECTIVE ACTION: Facility must maintain the written Emergency Response Plan at the facility for review and use by the employees.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Violation Date: 08-29-2017
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206) (Continued)

S121743879

Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/22/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Violation Date: 06-26-2019
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: OBSERVATION: The business failed 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 including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Establish and electronically submit an employee training program containing provisions to ensure initial and annual training for all employees in safety procedures in the event of a release or threatened release of a hazardous material and document and maintain training records for a minimum of three years.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Violation Date: 07-27-2017
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 08/14/2017. OBSERVATION: Annual training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Violation Date: 07-27-2017
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: Facility failed to maintain or have accessible the Hazardous Materials Business Plan at the facility. CORRECTIVE ACTION: Facility must begin maintaining or having accessible the Hazardous Materials Business Plan at the facility for review and use by the employees.

Violation Division: Contra Costa County Health Services Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206) (Continued)

S121743879

Violation Program: HMRRP
Violation Source: CERS

Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Violation Date: 06-26-2019
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)

Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.

Violation Notes: Returned to compliance on 06/26/2019. OBSERVATION: The business failed to have the hazardous material business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training. On duty employee called the store owner during the inspection to find out where the hazardous materials business plan is stored. Plan was located during the inspection. CORRECTIVE ACTION: Provide a readily available business plan to personnel of the business or the unified program facility with responsibilities for emergency response or training. Document that appropriate personnel have the business plan readily available.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-22-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2014
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206) (Continued)

S121743879

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-29-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:

Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Site Address: 2869 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 06-26-2019
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Site Address: 2869 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 07-27-2017
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 1374
Site Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Site Address: 2869 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 08-29-2017
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206) (Continued)

S121743879

Site ID: 1374
Facility Name: J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206)
Env Int Type Code: HMBP
Program ID: 10465537
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.993600
Longitude: -122.285160

Affiliation:

Affiliation Type Desc: Parent Corporation
Entity Name: 7-ELEVEN CONVENIENCE STORES
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: 7-ELEVEN INC.
Entity Title: Not reported
Affiliation Address: LICENSE RENEWAL DEPT.:3200 HACKBERRY ROAD
Affiliation City: IRVING
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75063
Affiliation Phone: (972) 828-7578

Affiliation Type Desc: Environmental Contact
Entity Name: BRENT SMERCZYNSKI
Entity Title: Not reported
Affiliation Address: 3200 HACKBERRY ROAD
Affiliation City: IRVING
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75063
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2869 PINOLE VALLEY RD
Affiliation City: PINOLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94564
Affiliation Phone: Not reported

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J&S CONVENIENCE INC (DBA: 7-ELEVEN #14206) (Continued)

S121743879

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	J&S CONVENIENCE INC
Entity Title:	Not reported
Affiliation Address:	2869 PINOLE VALLEY RD
Affiliation City:	PINOLE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94564
Affiliation Phone:	(925) 787-9429
Affiliation Type Desc:	Operator
Entity Name:	J&S CONVENIENCE 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:	(510) 758-8633
Affiliation Type Desc:	CUPA District
Entity Name:	Contra Costa County Health Services Department
Entity Title:	Not reported
Affiliation Address:	4585 Pacheco Blvd Suite 100
Affiliation City:	Martinez
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94553
Affiliation Phone:	(925) 655-3200
Affiliation Type Desc:	Identification Signer
Entity Name:	BRENT SMERCZYNSKI
Entity Title:	CORPORATE ASSET PROTECTION MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

**A3
 NW
 < 1/8
 0.010 mi.
 53 ft.**

**PINOLE VALLEY A R C O
 2747 PINOLE VALLEY RD
 PINOLE, CA 94564**

**EDR Hist Auto 1021681453
 N/A**

Site 3 of 9 in cluster A

**Relative:
 Higher**

EDR Hist Auto

**Actual:
 57 ft.**

Year:	Name:	Type:
1986	SIEBERN VINCENT E	Gasoline Service Stations
1987	SIEBERN VINCENT E	Gasoline Service Stations
1988	SIEBERN VINCENT E	Gasoline Service Stations
1989	SIEBERN VINCENT E	Gasoline Service Stations, NEC
1990	SIEBERN VINCENT E	Gasoline Service Stations, NEC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE VALLEY A R C O (Continued)

1021681453

1991	SIEBERN VINCENT E	Gasoline Service Stations, NEC
2001	ARCO	Gasoline Service Stations
2002	PINOLE VALLEY A R C O	Gasoline Service Stations
2003	PINOLE VALLEY A R C O	Gasoline Service Stations
2004	PINOLE VALLEY A R C O	Gasoline Service Stations
2005	PINOLE VALLEY A R C O	Gasoline Service Stations
2006	PINOLE VALLEY A R C O	Gasoline Service Stations
2007	PINOLE VALLEY A R C O	Gasoline Service Stations
2008	PINOLE VALLEY A R C O	Gasoline Service Stations
2009	PINOLE VALLEY A R C O	Gasoline Service Stations
2010	PINOLE VALLEY A R C O	Gasoline Service Stations

**A4
 NW
 < 1/8
 0.010 mi.
 53 ft.**

**ARCO AM/PM #06228
 2747 PINOLE VALLEY RD
 PINOLE, CA 94564**

**UST U003937874
 N/A**

Site 4 of 9 in cluster A

**Relative:
 Higher**

UST:

**Actual:
 57 ft.**

Name: ARCO 06228
 Address: 2747 PINOLE VALLEY RD
 City,State,Zip: PINOLE, CA 94564
 Facility ID: 07-000-727111
 Permitting Agency: Contra Costa County Health Services Department
 Latitude: 37.994742
 Longitude: -122.285577

Name: ARCO AM/PM #06228
 Address: 2747 PINOLE VALLEY RD
 City,State,Zip: PINOLE, CA 94564
 Facility ID: 727111
 Permitting Agency: CONTRA COSTA COUNTY
 Latitude: 37.9958487
 Longitude: -122.283969

**A5
 NW
 < 1/8
 0.010 mi.
 53 ft.**

**VINCENT SIEBERN
 2747 PINOLE VALLEY RD
 PINOLE, CA 94564**

**SWEEPS UST U001597881
 HIST UST N/A**

Site 5 of 9 in cluster A

**Relative:
 Higher**

SWEEPS UST:

**Actual:
 57 ft.**

Name: ARCO FACILITY #6228
 Address: 2747 PINOLE VALLEY RD
 City: PINOLE
 Status: Active
 Comp Number: 27111
 Number: 1
 Board Of Equalization: 44-000506
 Referral Date: 03-01-93
 Action Date: 05-24-93
 Created Date: 07-22-88
 Owner Tank Id: 1
 SWRCB Tank Id: 07-000-027111-000001
 Tank Status: A
 Capacity: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINCENT SIEBERN (Continued)

U001597881

Active Date: 03-01-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: ARCO FACILITY #6228
Address: 2747 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 27111
Number: 1
Board Of Equalization: 44-000506
Referral Date: 03-01-93
Action Date: 05-24-93
Created Date: 07-22-88
Owner Tank Id: 2
SWRCB Tank Id: 07-000-027111-000002
Tank Status: A
Capacity: 10000
Active Date: 03-01-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ARCO FACILITY #6228
Address: 2747 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 27111
Number: 1
Board Of Equalization: 44-000506
Referral Date: 03-01-93
Action Date: 05-24-93
Created Date: 07-22-88
Owner Tank Id: 3
SWRCB Tank Id: 07-000-027111-000003
Tank Status: A
Capacity: 8000
Active Date: 03-01-93
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

HIST UST:

Name: VINCENT SIEBERN
Address: 2747 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
File Number: 000227DD
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000227DD.pdf>
Region: STATE
Facility ID: 00000027111
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VINCENT SIEBERN (Continued)

U001597881

Telephone: 0000000000
 Owner Name: ARCO PETROLEUM PRODUCTS CO.
 Owner Address: 515 SOUTH FLOWER STREET
 Owner City,St,Zip: LOS ANGELES, CA 90071
 Total Tanks: 0003

Tank Num: 001
 Container Num: 0000000001
 Year Installed: 1974
 Tank Capacity: 00008000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor, 10

Tank Num: 002
 Container Num: 0000000002
 Year Installed: 1974
 Tank Capacity: 00008000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor, 10

Tank Num: 003
 Container Num: 0000000003
 Year Installed: 1974
 Tank Capacity: 00008000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor, 10

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

**A6
 NW
 < 1/8
 0.010 mi.
 53 ft.**

**BP WEST COAST PRODUCTS LLC 06228
 2747 PINOLE VALLEY RD
 PINOLE, CA 94564**

RCRA NonGen / NLR

**1024854230
 CAL000414912**

Site 6 of 9 in cluster A

**Relative:
 Higher
 Actual:
 57 ft.**

RCRA NonGen / NLR:
 Date Form Received by Agency: 2016-03-07 00:00:00.0
 Handler Name: BP WEST COAST PRODUCTS LLC 06228
 Handler Address: 2747 PINOLE VALLEY RD
 Handler City,State,Zip: PINOLE, CA 94564
 EPA ID: CAL000414912
 Contact Name: SARAH SAMUELS
 Contact Address: 4519 GRANDVIEW RD
 Contact City,State,Zip: BLAINE, WA 98230-0000
 Contact Telephone: 360-371-8111
 Contact Fax: Not reported
 Contact Email: SARAH.SAMUELS@BP.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

1024854230

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	600 SW 39TH ST #275
Mailing City,State,Zip:	RENTON, CA 98057
Owner Name:	BP PRODUCTS NORTH AMERICA
Owner Type:	Other
Operator Name:	SARAH SAMUELS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

1024854230

Financial Assurance Required: Not reported
Handler Date of Last Change: 2018-09-06 17:07:32.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BP PRODUCTS NORTH AMERICA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4519 GRANDVIEW RD
Owner/Operator City,State,Zip: BLAINE, WA 98230-0000
Owner/Operator Telephone: 360-371-8111
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SARAH SAMUELS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4519 GRANDVIEW RD
Owner/Operator City,State,Zip: BLAINE, WA 98230-0000
Owner/Operator Telephone: 360-371-8111
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2016-03-07 00:00:00.0
Handler Name: BP WEST COAST PRODUCTS LLC 06228
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

1024854230

Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

**A7
 NW
 < 1/8
 0.010 mi.
 53 ft.**

**PINOLE VALLEY ARCO
 2747 PINOLE VALLEY RD
 PINOLE, CA 94564**

Site 7 of 9 in cluster A

RCRA NonGen / NLR

**1024804767
 CAL000260075**

**Relative:
 Higher
 Actual:
 57 ft.**

RCRA NonGen / NLR:
 Date Form Received by Agency: 2002-10-01 00:00:00.0
 Handler Name: PINOLE VALLEY ARCO
 Handler Address: 2747 PINOLE VALLEY RD
 Handler City,State,Zip: PINOLE, CA 94564-0000
 EPA ID: CAL000260075
 Contact Name: KULDIP SIDHU
 Contact Address: 2747 PINOLE VALLEY ROAD
 Contact City,State,Zip: PINOLE, CA 94564
 Contact Telephone: 510-758-9111
 Contact Fax: Not reported
 Contact Email: NAVGURU@HOTMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 2747 PINOLE VALLEY RD
 Mailing City,State,Zip: PINOLE, CA 94564-0000
 Owner Name: KULDIP SIDHU
 Owner Type: Other
 Operator Name: KULDIP SIDHU
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE VALLEY ARCO (Continued)

1024804767

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:24:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KULDIP SIDHU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2747 PINOLE VALLEY RD
Owner/Operator City,State,Zip:	PINOLE, CA 94564-0000
Owner/Operator Telephone:	510-758-9111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KULDIP SIDHU
Legal Status:	Other
Date Became Current:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE VALLEY ARCO (Continued)

1024804767

Date Ended Current: Not reported
 Owner/Operator Address: 2747 PINOLE VALLEY ROAD
 Owner/Operator City,State,Zip: PINOLE, CA 94564
 Owner/Operator Telephone: 510-758-9111
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2002-10-01 00:00:00.0
 Handler Name: PINOLE VALLEY ARCO
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44711
 NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**A8
 NW
 < 1/8
 0.010 mi.
 53 ft.
 Relative:
 Higher
 Actual:
 57 ft.**

**BP WEST COAST PRODUCTS LLC 06228
 2747 PINOLE VALLEY RD
 PINOLE, CA 94564
 Site 8 of 9 in cluster A**

**LUST S101294145
 CERS HAZ WASTE N/A
 CERS TANKS
 Cortese
 ENF
 HAZNET
 HIST CORTESE
 CONTRA COSTA CO. SITE LIST
 CERS
 HWTS**

LUST REG 2:

Region: 2
 Facility Id: 07-0433
 Facility Status: Remedial action (cleanup) Underway
 Case Number: 27111
 How Discovered: OM
 Leak Cause: UNK
 Leak Source: Piping
 Date Leak Confirmed: 1/1/1992
 Oversight Program: LUST
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: 3/25/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 1/24/2001
Date Post Remedial Action Monitoring Began: Not reported

LUST:

Name: ARCO # 06228
Address: 2747 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300401
Global Id: T0601300401
Latitude: 37.99448863
Longitude: -122.28546071
Status: Open - Remediation
Status Date: 01/24/2001
Case Worker: MYM
RB Case Number: 07-0433
Local Agency: CONTRA COSTA COUNTY
File Location: Not reported
Local Case Number: 27111
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: The Site is an active ARCO-branded gasoline retail outlet consisting of a convenience store building and a gasoline distribution system including two (2) gasoline underground storage tanks (USTs) with associated piping and dispensers. The Site located on the east side of Pinole Valley Road in a primarily commercial district of Pinole, California. The Site is located within the City of Pinole commercial corridor adjacent to Interstate 80. Accordingly, areas surrounding the Site are developed, paved, and/or occupied by structures/buildings with limited areas of landscaping. A UST unauthorized release report was initially filed for Station No. 6228 in 1992 when hydrocarbon impacted soil was discovered during drilling activities. An automated car wash was previously located on the north side of the Site in the approximate location of the current station building. The automated car wash included an underground rinse water reclamation system. However, the exact location of the cistern was not indicated on previous Site maps. Pacific Environmental Group (PEG) reported that a leaky car wash cistern may have contributed to or be the primary source of perched water observed in the surficial materials. Groundwater monitoring has been conducted at the Site since 1994 and LNAPL bailing has been conducted on various wells at the Site since 1996. In November 2000, product piping, two 10,000-gallon and one 8,000-gallon fiberglass USTs were removed from the Site by Henderson Construction of Stockton, California under observation by Cambria Environmental Technologies, Inc. (Cambria). Potential exposure to shallow contaminated groundwater by the public is minimal due to its depth and restricted access. Exposure to residual contaminated soil is also limited as extensive effort would be required to provide access (i.e., excavation).

LUST:

Global Id: T0601300401
Contact Type: Regional Board Caseworker
Contact Name: MARTIN MUSONGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: martin.musonge@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0601300401
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

LUST:

Global Id: T0601300401
Action Type: Other
Date: 01/08/1992
Action: Leak Reported

Global Id: T0601300401
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: ENFORCEMENT
Date: 05/28/2013
Action: File Review - Closure

Global Id: T0601300401
Action Type: ENFORCEMENT
Date: 10/17/2018
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0601300401
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: 13267 Monitoring Program

Global Id: T0601300401

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Action Type:	RESPONSE
Date:	07/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	04/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	05/20/2008
Action:	Public Participation Plan
Global Id:	T0601300401
Action Type:	ENFORCEMENT
Date:	02/14/2001
Action:	* No Action
Global Id:	T0601300401
Action Type:	ENFORCEMENT
Date:	05/29/2002
Action:	Staff Letter
Global Id:	T0601300401
Action Type:	ENFORCEMENT
Date:	05/06/2003
Action:	Staff Letter
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	10/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	07/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0601300401
Action Type:	ENFORCEMENT
Date:	09/17/2003
Action:	Staff Letter
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	10/30/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	02/03/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0601300401
Action Type:	ENFORCEMENT
Date:	04/22/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Action: Staff Letter

Global Id: T0601300401
Action Type: ENFORCEMENT
Date: 06/26/2014
Action: File Review - Closure

Global Id: T0601300401
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: ENFORCEMENT
Date: 06/30/2016
Action: 13267 Requirement

Global Id: T0601300401
Action Type: Other
Date: 01/08/1992
Action: Leak Discovery

Global Id: T0601300401
Action Type: RESPONSE
Date: 07/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 10/31/2016
Action: Soil and Water Investigation Report

Global Id: T0601300401
Action Type: RESPONSE
Date: 06/10/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 06/11/2003
Action: Other Report / Document

Global Id: T0601300401
Action Type: RESPONSE
Date: 12/09/2002
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 02/05/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 05/06/2003
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Global Id:	T0601300401
Action Type:	RESPONSE
Date:	07/22/2004
Action:	Other Workplan
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	04/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	01/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	04/13/2016
Action:	Other Workplan - Regulator Responded
Global Id:	T0601300401
Action Type:	ENFORCEMENT
Date:	01/23/2008
Action:	13267 Requirement
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	12/17/2003
Action:	Other Report / Document
Global Id:	T0601300401
Action Type:	RESPONSE
Date:	07/17/2017
Action:	Request for Closure - Regulator Responded
Global Id:	T0601300401
Action Type:	REMEDIATION
Date:	04/23/2009
Action:	Monitored Natural Attenuation
Global Id:	T0601300401
Action Type:	REMEDIATION
Date:	06/02/2009
Action:	Free Product Removal
Global Id:	T0601300401
Action Type:	ENFORCEMENT
Date:	02/14/2001
Action:	Staff Letter
Global Id:	T0601300401
Action Type:	Other
Date:	01/08/1992
Action:	Leak Stopped
Global Id:	T0601300401
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Date: 10/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300401
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

LUST:

Global Id: T0601300401
Status: Open - Case Begin Date
Status Date: 01/01/1992

Global Id: T0601300401
Status: Open - Site Assessment
Status Date: 01/01/1992

Global Id: T0601300401
Status: Open - Site Assessment
Status Date: 03/25/1995

Global Id: T0601300401
Status: Open - Remediation
Status Date: 01/24/2001

CERS HAZ WASTE:

Name: ARCO 06228
Address: 2747 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 6608
CERS ID: 10006507
CERS Description: Hazardous Waste Generator

CERS TANKS:

Name: ARCO 06228
Address: 2747 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 6608
CERS ID: 10006507
CERS Description: Underground Storage Tank

CORTESE:

Name: ARCO # 06228
Address: 2747 PINOLE VALLEY RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601300401
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

ENF:

Name: ARCO
Address: 2747 PINOLE VALLEY
City,State,Zip: PINOLE, CA 94564
Region: 2
Facility Id: 207929
Agency Name: ARCO Petroleum Products Company Pleasant Hill
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.994979
Place Longitude: -122.285718
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 07-0433
Reg Measure Id:	168644
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	237774
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	11/14/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 07-0433
Description:	Work Plan Approval 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Name: ARCO
Address: 2747 PINOLE VALLEY
City,State,Zip: PINOLE, CA 94564
Region: 2
Facility Id: 207929
Agency Name: ARCO Petroleum Products Company Pleasant Hill
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.994979
Place Longitude: -122.285718
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
Of Programs: 1
WDID: 2 07-0433
Reg Measure Id: 168644
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

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): 237773
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 11/14/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0433
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
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: ARCO
Address: 2747 PINOLE VALLEY
City,State,Zip: PINOLE, CA 94564
Region: 2
Facility Id: 207929
Agency Name: ARCO Petroleum Products Company Pleasant Hill
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.994979
Place Longitude: -122.285718
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 07-0433
Reg Measure Id:	168644
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	237366
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	11/14/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 07-0433
Description:	Work Plan Approval Letter
Program:	UST
Latest Milestone Completion Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

# 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:	ARCO
Address:	2747 PINOLE VALLEY
City,State,Zip:	PINOLE, CA 94564
Region:	2
Facility Id:	207929
Agency Name:	ARCO Petroleum Products Company Pleasant Hill
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.994979
Place Longitude:	-122.285718
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 07-0433
Reg Measure Id:	168644
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 236578
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 02/14/2001
Adoption/Issuance Date: Not reported
Achieve Date: 4/27/2001
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0433
Description: Not reported
Program: UST
Latest Milestone Completion Date: 4/27/2001
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HAZNET:

Name: BP WEST COAST PRODUCTS LLC 06228
Address: 2747 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 90702
Contact: DARYL LEE
Telephone: 4159025089
Mailing Name: Not reported
Mailing Address: PO BOX 6038

Year: 2019
Gepaid: CAL000414912
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 1.81860
Year: 2018
Gepaid: CAL000414912
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.14700
Year: 2017
Gepaid: CAL000414912
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.819
Year: 2016
Gepaid: CAL000414912
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 1.092

Additional Info:

Year: 2017
Gen EPA ID: CAL000414912
Shipment Date: 20170727
Creation Date: 5/20/2018 18:31:29
Receipt Date: 20170803
Manifest ID: 010627359FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO AND SONS TRUCKING INC
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170131
Creation Date:	5/18/2017 18:32:03
Receipt Date:	20170208
Manifest ID:	009684425FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170131
Creation Date:	5/18/2017 18:32:03
Receipt Date:	20170208
Manifest ID:	009684426FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HIST CORTESE:

edr_fname:	ARCO
edr_fadd1:	2747 PINOLE VALLEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0433

CONTRA COSTA CO. SITE LIST:

Name: ARCO 06228
Address: 2747 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0031994
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 727111

Name: ARCO 06228
Address: 2747 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0031994
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 727111

Name: ARCO 06228
Address: 2747 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0031994
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 727111

CERS:

Name: ARCO # 06228
Address: 2747 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 206215
CERS ID: T0601300401
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SUE LOYD - CONTRA COSTA COUNTY
Entity Title: Not reported
Affiliation Address: 4333 PACHECO BLVD.
Affiliation City: MARTINEZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Entity Name: MARTIN MUSONGE - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: ARCO 06228
Address: 2747 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 6608
CERS ID: 10006507
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 6608
Site Name: ARCO 06228
Violation Date: 03-22-2019
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)

Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).

Violation Notes: Returned to compliance on 04/25/2019. OBSERVATION: The February 8, 2019 secondary containment test results indicate a failure at the UDC 1/2. All secondary containment for the UST system must be tight. CORRECTIVE ACTION: The business must immediately have a properly licensed, trained, and certified contractor repair or replace the failed component(s) under permit and inspection of the CCHSHMP. The business must submit a document verification to CCHSHMP.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 02-10-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-19-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Eval Date: 02-20-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
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: Not reported
Eval Division: Contra Costa County Health 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: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
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: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2013
Violations Found: No
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-26-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 6608
Site Name: ARCO 06228
Site Address: 2747 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 03-22-2019
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 6608
Facility Name: ARCO 06228
Env Int Type Code: HWG
Program ID: 10006507
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.994633
Longitude: -122.285690

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Entity Title: Not reported
Affiliation Address: 4585 Pacheco Blvd Suite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200

Affiliation Type Desc: Environmental Contact
Entity Name: KIMBERLY MEDICUS, RETAIL COMPLIANCE COORDINATOR
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90702
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90702
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: BP PRODUCTS NORTH AMERICA, INC
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90702
Affiliation Phone: (360) 970-2296

Affiliation Type Desc: Operator
Entity Name: KULDIP SIDHU
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: (510) 758-9111

Affiliation Type Desc: Document Preparer
Entity Name: BELSHIRE ENVIRONMENTAL 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Affiliation Type Desc: Identification Signer
Entity Name: KIMBERLY MEDICUS
Entity Title: RETAIL COMPLIANCE COORDINATOR
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: BP PRODUCTS NORTH AMERICA, INC
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90702
Affiliation Phone: (360) 970-2296

Affiliation Type Desc: UST Tank Operator
Entity Name: KULDIP SIDHU
Entity Title: Not reported
Affiliation Address: 2747 PINOLE VALLEY ROAD
Affiliation City: PINOLE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94564
Affiliation Phone: (510) 758-9111

Affiliation Type Desc: UST Tank Owner
Entity Name: BP PRODUCTS NORTH AMERICA, INC
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90702
Affiliation Phone: (360) 970-2296

Affiliation Type Desc: Parent Corporation
Entity Name: BP PRODUCTS NORTH AMERICA, 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 Permit Applicant
Entity Name: SARAH SAMUELS
Entity Title: RETAIL COMPLIANCE COORDINATOR
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC 06228 (Continued)

S101294145

Affiliation Zip: Not reported
Affiliation Phone: (360) 371-1500

Affiliation Type Desc: UST Property Owner Name
Entity Name: BP PRODUCTS NORTH AMERICA, INC
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90702
Affiliation Phone: (360) 970-2296

HWTS:

Name: BP WEST COAST PRODUCTS LLC 06228
Address: 2747 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 94564
EPA ID: CAL000414912
Inactive Date: Not reported
Create Date: 03/07/2016
Last Act Date: 08/18/2020
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing Address 2: Not reported
Mailing City,State,Zip: ARTESIA, CA 90702
Owner Name: BP PRODUCTS NORTH AMERICA
Owner Address: PO BOX 6038
Owner Address 2: Not reported
Owner City,State,Zip: ARTESIA, CA 90702
Contact Name: KIMBERLY MEDICUS
Contact Address: PO BOX 6038
Contact Address 2: Not reported
City,State,Zip: ARTESIA, CA 90702

NAICS:

EPA ID: CAL000414912
Create Date: 2016-03-07 16:29:59.823
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2016-03-07 16:29:59.81300
Inactive Date: Not reported
Facility Name: BP WEST COAST PRODUCTS LLC 06228
Facility Address: 2747 PINOLE VALLEY RD
Facility Address 2: Not reported
Facility City: PINOLE
Facility County: Not reported
Facility State: CA
Facility Zip: 94564

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A9 **MOD PIZZA PINOLE VALLEY** **CONTRA COSTA CO. SITE LIST** **S123101907**
West **2830 PINOLE VALLEY RD** **N/A**
< 1/8 **PINOLE, CA 94564**
0.014 mi.
76 ft. **Site 9 of 9 in cluster A**

Relative: **CONTRA COSTA CO. SITE LIST:**
Lower Name: MOD PIZZA PINOLE VALLEY
Address: 2830 PINOLE VALLEY RD
Actual: City: PINOLE
47 ft. Facility ID: FA0041834
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP GENERAL
Region: CONTRA COSTA
Cupa Number: 776236

B10 **PINOLE VALLEY TEXACO** **HIST UST** **U001597875**
WNW **2810 PINOLE VALLEY RD** **N/A**
< 1/8 **PINOLE, CA 94564**
0.015 mi.
80 ft. **Site 1 of 10 in cluster B**

Relative: **HIST UST:**
Lower Name: PINOLE VALLEY TEXACO
Address: 2810 PINOLE VALLEY RD
Actual: City,State,Zip: PINOLE, CA 94564
50 ft. File Number: 00022E49
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022E49.pdf>
Region: STATE
Facility ID: 00000057699
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 4157586747
Owner Name: RAMON P. DIMALANTA
Owner Address: 178 STARLING
Owner City,St,Zip: HERCULES, CA 94547
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1968
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY TEXACO (Continued)

U001597875

Year Installed: 1984
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: 1984
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

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

**B11
WNW
< 1/8
0.015 mi.
80 ft.**

**TEXACO
2810 PINOLE VALLEY RD
PINOLE, CA 94564**

**SWEEPS UST U001597878
HIST UST N/A**

Site 2 of 10 in cluster B

**Relative:
Lower
Actual:
50 ft.**

SWEEPS UST:
Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 57699
Number: 2
Board Of Equalization: 44-002475
Referral Date: 11-27-91
Action Date: 11-27-91
Created Date: 07-22-88
Owner Tank Id: 57699
SWRCB Tank Id: 07-000-057699-000001
Tank Status: A
Capacity: 8000
Active Date: 11-27-91
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 57699
Number: 2
Board Of Equalization: 44-002475
Referral Date: 11-27-91
Action Date: 11-27-91
Created Date: 07-22-88
Owner Tank Id: 57699
SWRCB Tank Id: 07-000-057699-000002
Tank Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

U001597878

Capacity: 10000
Active Date: 11-27-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 57699
Number: 2
Board Of Equalization: 44-002475
Referral Date: 11-27-91
Action Date: 11-27-91
Created Date: 07-22-88
Owner Tank Id: 57699
SWRCB Tank Id: 07-000-057699-000003
Tank Status: A
Capacity: 8000
Active Date: 11-27-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 57699
Number: 2
Board Of Equalization: 44-002475
Referral Date: 11-27-91
Action Date: 11-27-91
Created Date: 07-22-88
Owner Tank Id: 57699
SWRCB Tank Id: 07-000-057699-000004
Tank Status: A
Capacity: 550
Active Date: 11-27-91
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:

Name: TEXACO
Address: 2810 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000016133
Facility Type: Gas Station
Other Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TEXACO (Continued)

U001597878

Contact Name:	VIRGILIO P. DIMALANTA
Telephone:	4157586747
Owner Name:	TEXACO U.S.A.
Owner Address:	P.O. BOX 3756
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1984
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Sensor Instrument
Tank Num:	002
Container Num:	2
Year Installed:	1984
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Sensor Instrument
Tank Num:	003
Container Num:	3
Year Installed:	1970
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Sensor Instrument
Tank Num:	004
Container Num:	4
Year Installed:	1984
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

B12
WNW
 < 1/8
 0.015 mi.
 80 ft.
 Relative:
 Lower
 Actual:
 50 ft.

BEACON
2810 PINOLE VALLEY RD
PINOLE, CA 94564
 Site 3 of 10 in cluster B

LUST REG 2:
 Region: 2
 Facility Id: 07-0768
 Facility Status: Leak being confirmed
 Case Number: 57699
 How Discovered: Tank Closure

LUST **S103723109**
Cortese **N/A**
ENF
HAZNET
HIST CORTESE
CONTRA COSTA CO. SITE LIST
CERS
HWTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 2/18/1999
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:

Name: BEACON
Address: 2810 PINOLE VALLEY RD
City, State, Zip: PINOLE, CA 94564
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300714
Global Id: T0601300714
Latitude: 37.994511
Longitude: -122.285994
Status: Completed - Case Closed
Status Date: 03/13/2008
Case Worker: MYM
RB Case Number: 07-0768
Local Agency: CONTRA COSTA COUNTY
File Location: Not reported
Local Case Number: 57699
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0601300714
Contact Type: Regional Board Caseworker
Contact Name: MARTIN MUSONGE
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: martin.musonge@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0601300714
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hdsd.co.contra-costa.ca.us
Phone Number: Not reported

LUST:

Global Id: T0601300714
Action Type: Other
Date: 01/21/1999
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Global Id: T0601300714
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300714
Action Type: RESPONSE
Date: 02/15/2006
Action: Well Installation Report

Global Id: T0601300714
Action Type: ENFORCEMENT
Date: 06/07/2002
Action: Staff Letter

Global Id: T0601300714
Action Type: ENFORCEMENT
Date: 10/17/2002
Action: Staff Letter

Global Id: T0601300714
Action Type: ENFORCEMENT
Date: 04/15/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0601300714
Action Type: ENFORCEMENT
Date: 12/28/2004
Action: Staff Letter

Global Id: T0601300714
Action Type: Other
Date: 01/21/1999
Action: Leak Discovery

Global Id: T0601300714
Action Type: RESPONSE
Date: 01/30/2003
Action: Soil and Water Investigation Report

Global Id: T0601300714
Action Type: RESPONSE
Date: 06/06/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300714
Action Type: RESPONSE
Date: 06/05/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300714
Action Type: RESPONSE
Date: 07/05/2002
Action: Other Report / Document

Global Id: T0601300714
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Date: 02/15/2006
Action: Other Report / Document

Global Id: T0601300714
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300714
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300714
Action Type: Other
Date: 01/21/1999
Action: Leak Stopped

CORTESE:

Name: BEACON
Address: 2810 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601300714
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
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

ENF:

Name: BEACON
Address: 2810 PINOLE VALLEY
City,State,Zip: PINOLE, CA
Region: 2
Facility Id: 211191
Agency Name: Beacon
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 07-0768
Reg Measure Id:	168352
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	238278

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 10/30/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0768
Description: Conditional Work Plan Approval. Groundwater Monitoring does not exist at this site. Last monitored 9/99. FP in one of the wells

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
Address: 2810 PINOLE VALLEY
City,State,Zip: PINOLE, CA
Region: 2
Facility Id: 211191
Agency Name: Beacon
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 07-0768
Reg Measure Id:	168352
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	236301
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	09/09/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	10/15/1999
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 07-0768
Description:	Not reported
Program:	UST
Latest Milestone Completion Date:	10/15/1999
# 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

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Name:	BEACON
Address:	2810 PINOLE VALLEY
City,State,Zip:	PINOLE, CA
Region:	2
Facility Id:	211191
Agency Name:	Beacon
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 07-0768
Reg Measure Id:	168352
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

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): 236300
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 02/01/2000
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0768
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
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HAZNET:

Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 945641427
Contact: RAMON DIMALANTA
Telephone: 4157586747
Mailing Name: Not reported
Mailing Address: PO BOX 485

Year: 2004
Gepaid: CAL000036320
TSD EPA ID: CAD008252405
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.05

Year: 2004
Gepaid: CAL000036320
TSD EPA ID: CAD009452657
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 0.476

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Year:	2004
Gepaid:	CAL000036320
TSD EPA ID:	CAD009466392
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	D99 - Disposal, Other
Tons:	4.4
Year:	2004
Gepaid:	CAL000036320
TSD EPA ID:	AZ0000337360
CA Waste Code:	261 - Polychlorinated biphenyls and material containing PCBs
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.17632
Year:	2002
Gepaid:	CAL000036320
TSD EPA ID:	CAD008252405
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.075
Year:	2000
Gepaid:	CAL000036320
TSD EPA ID:	CAD044003556
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H01 - Transfer Station
Tons:	0.5838
Year:	1999
Gepaid:	CAL000036320
TSD EPA ID:	CAT000646117
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	D80 - Disposal, Land Fill
Tons:	75.852
Year:	1999
Gepaid:	CAL000036320
TSD EPA ID:	CAD009466392
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	5.275
Year:	1999
Gepaid:	CAL000036320
TSD EPA ID:	CAD044003556
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H01 - Transfer Station
Tons:	0.3961
Year:	1999
Gepaid:	CAL000036320
TSD EPA ID:	CAL000161741
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H01 - Transfer Station
Tons:	0.6255

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

[Click this hyperlink](#) while viewing on your computer to access 18 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2004
Gen EPA ID:	CAL000036320
Shipment Date:	20040916
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20041005
Manifest ID:	24079832
Trans EPA ID:	CAR000037283
Trans Name:	WORLD ENVIRON & ENERGY
Trans 2 EPA ID:	NJD080631369
Trans 2 Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF EPA ID:	AZ0000337360
Trans Name:	ONYX SPECIAL SERVICES INC
TSDF Alt EPA ID:	AZ0000337360
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.17632
Waste Quantity:	160
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040713
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040713
Manifest ID:	23889407
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.476
Waste Quantity:	140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040629

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Creation Date: 11/1/2004 12:36:11
Receipt Date: 20040629
Manifest ID: 23423080
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009466392
Trans Name: ECOLOGY CONTROL INDUSTRIES
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: NONE
Meth Code: D99 - Disposal, Other
Quantity Tons: 4.4
Waste Quantity: 8800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040227
Creation Date: 10/1/2004 18:31:09
Receipt Date: 20040312
Manifest ID: 23339948
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD983403198
Trans 2 Name: Not reported
TSDf EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDf Alt EPA ID: CAD008252405
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1993
Gen EPA ID: CAL000036320

Shipment Date: 19931227
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931227
Manifest ID: 93144038
Trans EPA ID: CAD980695761
Trans Name: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980887418
Trans Name: Not reported
TSDf Alt EPA ID: CAD980887418
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.336
Waste Quantity: 80
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931104
Creation Date: 9/12/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93169030
Trans EPA ID: CAD980695761
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980887418
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.294
Waste Quantity: 70
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930913
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931028
Manifest ID: 92695502
Trans EPA ID: CAT080011059
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: COC060042992
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Quantity Tons:	0.294
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930727
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931028
Manifest ID:	92695453
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	COC060042992
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930506
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930521
Manifest ID:	92694022
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009452657
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Shipment Date: 19930204
Creation Date: 9/15/1995 0:00:00
Receipt Date: 19930205
Manifest ID: 92692271
Trans EPA ID: CAT080011059
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: CAD009452657
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.462
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2002
Gen EPA ID: CAL000036320

Shipment Date: 20020510
Creation Date: 8/29/2002 18:31:16
Receipt Date: 20020524
Manifest ID: 21361070
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008252405
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1999
Gen EPA ID: CAL000036320

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Shipment Date: 19990901
Creation Date: 11/16/1999 0:00:00
Receipt Date: 19990901
Manifest ID: 99006151
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAL000161741
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990322
Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990325
Manifest ID: 98851458
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAL000161743
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.5212
Waste Quantity: 125
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990303
Creation Date: 5/4/1999 0:00:00
Receipt Date: 19990303
Manifest ID: 96718541
Trans EPA ID: CAL000027769
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990303
Creation Date: 5/4/1999 0:00:00
Receipt Date: 19990303
Manifest ID: 96718542
Trans EPA ID: CAL000027769
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990303
Creation Date: 5/3/2000 0:00:00
Receipt Date: 20000310
Manifest ID: 99771489
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044003556
Trans Name: Not reported
TSDf Alt EPA ID: CAD044003556
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.3961
Waste Quantity: 95
Quantity Unit: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990303
Creation Date:	5/4/1999 0:00:00
Receipt Date:	19990303
Manifest ID:	96718540
Trans EPA ID:	CAL000027769
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000646117
TSDf Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990303
Creation Date:	5/4/1999 0:00:00
Receipt Date:	19990303
Manifest ID:	96718539
Trans EPA ID:	CAL000027769
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000646117
TSDf Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990303
Creation Date:	5/4/1999 0:00:00
Receipt Date:	19990303

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Manifest ID: 96718543
Trans EPA ID: CAL000027769
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990113
Creation Date: 3/1/1999 0:00:00
Receipt Date: 19990113
Manifest ID: 98234543
Trans EPA ID: CAD982484370
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009466392
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 5.275
Waste Quantity: 10550
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1997
Gen EPA ID: CAL000036320

Shipment Date: 19971014
Creation Date: 3/18/1998 0:00:00
Receipt Date: 19971014
Manifest ID: 96005903
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970616
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970711
Manifest ID: 96005931
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970205
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19970214
Manifest ID: 96005922
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: CAD028277036
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.6463
Waste Quantity: 155

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1994
Gen EPA ID: CAL000036320

Shipment Date: 19941004
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941007
Manifest ID: 93642506
Trans EPA ID: CAT080011059
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: CAD009452657
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.336
Waste Quantity: 80
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940621
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940624
Manifest ID: 93194600
Trans EPA ID: CAT080011059
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: CAD009452657
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.609
Waste Quantity: 145
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Additional Code 5:	Not reported
Additional Info:	
Year:	2000
Gen EPA ID:	CAL000036320
Shipment Date:	20000530
Creation Date:	8/1/2000 0:00:00
Receipt Date:	20000601
Manifest ID:	20098915
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5838
Waste Quantity:	140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1996
Gen EPA ID:	CAL000036320
Shipment Date:	19961018
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961018
Manifest ID:	96272119
Trans EPA ID:	CAD981694664
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Additional Code 5:	Not reported
Shipment Date:	19960719
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960723
Manifest ID:	95717256
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980818645
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.525
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960326
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19960424
Manifest ID:	95123083
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960130
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960206
Manifest ID:	95123154
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.42
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1998
Gen EPA ID: CAL000036320

Shipment Date: 19981218
Creation Date: 3/15/1999 0:00:00
Receipt Date: 19981220
Manifest ID: 98158291
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.6088
Waste Quantity: 146
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980910
Creation Date: 11/5/1998 0:00:00
Receipt Date: 19980917
Manifest ID: 98158185
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980803
Creation Date: 10/20/1998 0:00:00
Receipt Date: 19980810
Manifest ID: 98158176
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.5421
Waste Quantity: 130
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980514
Creation Date: 9/15/1998 0:00:00
Receipt Date: 19980515
Manifest ID: 96832763
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAL000161743
Trans Name: Not reported
TSDf Alt EPA ID: CAL000161743
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980121
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980121
Manifest ID:	96818723
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.756
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1995
Gen EPA ID:	CAL000036320
Shipment Date:	19951020
Creation Date:	9/18/1996 0:00:00
Receipt Date:	19951226
Manifest ID:	95123185
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.273
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950829
Creation Date:	7/26/1996 0:00:00

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Receipt Date: 19951107
Manifest ID: 95122957
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: CAD028277036
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.504
Waste Quantity: 120
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950522
Creation Date: 4/2/1996 0:00:00
Receipt Date: 19950525
Manifest ID: 95227112
Trans EPA ID: CAT080011059
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAL980818645
Trans Name: Not reported
TSDf Alt EPA ID: CAL980818645
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.525
Waste Quantity: 125
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950302
Creation Date: 3/29/1996 0:00:00
Receipt Date: 19950303
Manifest ID: 93482568
Trans EPA ID: CAT080011059
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAL980818645
Trans Name: Not reported
TSDf Alt EPA ID: CAL980818645

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.504
Waste Quantity: 120
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950121
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19950124
Manifest ID: 93189584
Trans EPA ID: CAT080011059
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAL980818645
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HIST CORTESE:

edr_fname: BEACON
edr_fadd1: 2810 PINOLE VALLEY
City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0768

CONTRA COSTA CO. SITE LIST:

Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032437
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >10K-100K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 757699

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON (Continued)

S103723109

Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032437
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 757699

Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032437
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 757699

CERS:

Name: BEACON
Address: 2810 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 194882
CERS ID: T0601300714
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MARTIN MUSONGE - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SUE LOYD - CONTRA COSTA COUNTY
Entity Title: Not reported
Affiliation Address: 4333 PACHECO BLVD.
Affiliation City: MARTINEZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:

Name: PINOLE VALLEY BEACON
Address: 2810 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 945641427
EPA ID: CAL000036320
Inactive Date: 06/30/2005

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BEACON (Continued)

S103723109

Create Date: 07/05/1990
 Last Act Date: 06/15/2005
 Mailing Name: Not reported
 Mailing Address: PO BOX 485
 Mailing Address 2: Not reported
 Mailing City,State,Zip: PINOLE, CA 945640485
 Owner Name: RAMON P DIMALANTA
 Owner Address: 2810 PINOLE VALLEY RD
 Owner Address 2: Not reported
 Owner City,State,Zip: PINOLE, CA 945641427
 Contact Name: RAMON DIMALANTA
 Contact Address: 2810 PINOLE VALLEY RD
 Contact Address 2: Not reported
 City,State,Zip: PINOLE, CA 945641427

NAICS:
 EPA ID: CAL000036320
 Create Date: 2002-03-14 16:36:27.000
 NAICS Code: 44719
 NAICS Description: Other Gasoline Stations
 Issued EPA ID Date: 1990-07-05 00:00:00
 Inactive Date: 2005-06-30 15:01:00
 Facility Name: PINOLE VALLEY BEACON
 Facility Address: 2810 PINOLE VALLEY RD
 Facility Address 2: Not reported
 Facility City: PINOLE
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 945641427

B13
WNW
< 1/8
0.015 mi.
80 ft.

FLEMING ED TEXACO
2810 PINOLE VLY RD
PINOLE, CA 94564
Site 4 of 10 in cluster B

EDR Hist Auto 1020448981
N/A

Relative:
Lower

EDR Hist Auto

Actual:
50 ft.

Year:	Name:	Type:
1971	FLEMING ED TEXACO	Gasoline Service Stations
1972	FLEMING ED TEXACO	Gasoline Service Stations
1973	FLEMING ED TEXACO	Gasoline Service Stations
1974	FLEMING ED TEXACO	Gasoline Service Stations
1977	KENS TEXACO	Gasoline Service Stations
1978	KENS TEXACO	Gasoline Service Stations
1979	KENS TEXACO	Gasoline Service Stations
1980	KENS TEXACO	Gasoline Service Stations
1982	KENS TEXACO	Gasoline Service Stations
1983	KENS TEXACO	Gasoline Service Stations
1983	PINOLE VALLEY TEXACO	Gasoline Service Stations
1985	KENS TEXACO	Gasoline Service Stations
1985	PINOLE VALLEY TEXACO	Gasoline Service Stations
1986	PINOLE VALLEY TEXACO	Gasoline Service Stations
1986	KENS TEXACO	Gasoline Service Stations
1987	KENS TEXACO	Gasoline Service Stations
1987	PINOLE VALLEY TEXACO	Gasoline Service Stations
1988	KENS TEXACO	Gasoline Service Stations

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FLEMING ED TEXACO (Continued)

1020448981

1988	PINOLE VALLEY TEXACO	Gasoline Service Stations
1989	PINOLE VALLEY TEXACO	Gasoline Service Stations, NEC
1990	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1991	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1992	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1993	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1994	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1995	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1996	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1997	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1998	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
1999	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2000	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2001	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2002	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2003	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2004	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2005	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2006	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2007	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC
2008	PINOLE VALLEY BEACON	Gasoline Service Stations, NEC

B14
WNW
 < 1/8
 0.015 mi.
 80 ft.

TEXACO
2810 PINOLE VALLEY ROAD
PINOLE, CA 94564
 Site 5 of 10 in cluster B

HIST UST **S113035949**
 N/A

Relative:
Lower
Actual:
50 ft.

HIST UST:
 Name: TEXACO
 Address: 2810 PINOLE VALLEY ROAD
 City,State,Zip: PINOLE, CA 94564
 File Number: 00022FEF
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022FEF.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:

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

<p>B15 NW < 1/8 0.022 mi. 117 ft.</p> <p>Relative: Lower</p> <p>Actual: 51 ft.</p>	<p>FIVE GUYS BURGERS & FRIES 2780 PINOLE VALLEY RD PINOLE, CA 94564</p> <p>Site 6 of 10 in cluster B</p> <p>CONTRA COSTA CO. SITE LIST:</p> <p>Name: FIVE GUYS BURGERS & FRIES Address: 2780 PINOLE VALLEY RD City: PINOLE Facility ID: FA0042872 Billing Status: ACTIVE, BILLABLE Program Status: CONTRA COSTA CO. SITE LIST Program/Elements: HMBP GENERAL Region: CONTRA COSTA Cupa Number: 776361</p>	<p>CONTRA COSTA CO. SITE LIST</p>	<p>S123815498 N/A</p>
<hr/>			
<p>16 South < 1/8 0.024 mi. 127 ft.</p> <p>Relative: Lower</p> <p>Actual: 47 ft.</p>	<p>PINOLE VALLEY COMMUNITY CHURCH 2885 PINOLE VALLEY RD PINOLE, CA 94564</p> <p>RCRA NonGen / NLR:</p> <p>Date Form Received by Agency: 2019-06-21 00:00:00.0 Handler Name: PINOLE VALLEY COMMUNITY CHURCH Handler Address: 2885 PINOLE VALLEY RD Handler City,State,Zip: PINOLE, CA 94564 EPA ID: CAC003020897 Contact Name: JOHN WRIGHT Contact Address: 2885 PINOLE VALLY RD Contact City,State,Zip: PINOLE, CA 94564 Contact Telephone: 510-367-2686 Contact Fax: Not reported Contact Email: PVCCHAPEL@ATT.NET Contact Title: Not reported EPA Region: 09 Land Type: Not reported Federal Waste Generator Description: Not a generator, verified Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported Mailing Address: 2885 PINOLE VALLEY RD Mailing City,State,Zip: PINOLE, CA 94564 Owner Name: PINOLE VALLEY COMMUNITY CHUCH Owner Type: Other Operator Name: JOHN WRIGHT Operator Type: Other Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: No Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No Underground Injection Control: No</p>	<p>RCRA NonGen / NLR</p>	<p>1025841292 CAC003020897</p>

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE VALLEY COMMUNITY CHURCH (Continued)

1025841292

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-29 17:11:40.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PINOLE VALLEY COMMUNITY CHUCH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2885 PINOLE VALLEY RD
Owner/Operator City,State,Zip:	PINOLE, CA 94564
Owner/Operator Telephone:	510-367-2686

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY COMMUNITY CHURCH (Continued)

1025841292

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHN WRIGHT
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2885 PINOLE VALLY RD
Owner/Operator City,State,Zip: PINOLE, CA 94564
Owner/Operator Telephone: 510-367-2686
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2019-06-21 00:00:00.0
Handler Name: PINOLE VALLEY COMMUNITY CHURCH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B17
NNW
< 1/8
0.035 mi.
187 ft.

SHERWIN WILLIAMS #8625
2727 PINOLE VALLEY RD
PINOLE, CA 94564

RCRA NonGen / NLR

1024845814
CAL000399227

Site 7 of 10 in cluster B

Relative:
Higher
Actual:
64 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2014-07-28 00:00:00.0
Handler Name: SHERWIN WILLIAMS #8625
Handler Address: 2727 PINOLE VALLEY RD
Handler City,State,Zip: PINOLE, CA 94564
EPA ID: CAL000399227
Contact Name: CAROL F. DOE
Contact Address: 101 PROSPECT AVE NW
Contact City,State,Zip: CLEVELAND, OH 44115

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

1024845814

Contact Telephone:	216-566-1710
Contact Fax:	Not reported
Contact Email:	CAROL.F.DOE@SHERWIN.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	101 W PROSPECT AVE
Mailing City, State, Zip:	CLEVELAND, OH 44115-1027
Owner Name:	THE SHERWIN WILLIAMS COMPANY
Owner Type:	Other
Operator Name:	CAROL F. DOE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

1024845814

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2018-09-06 17:04:51.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: THE SHERWIN WILLIAMS COMPANY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 101 W PROSPECT AVE
Owner/Operator City,State,Zip: CLEVELAND, OH 44115-1027
Owner/Operator Telephone: 216-566-1710
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CAROL F. DOE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 101 PROSPECT AVE NW
Owner/Operator City,State,Zip: CLEVELAND, OH 44115
Owner/Operator Telephone: 216-566-1710
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2014-07-28 00:00:00.0
Handler Name: SHERWIN WILLIAMS #8625
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

1024845814

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 44419
 NAICS Description: OTHER BUILDING MATERIAL DEALERS

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

**B18
 NNW
 < 1/8
 0.035 mi.
 187 ft.**

**SHERWIN WILLIAMS #8625
 2727 PINOLE VALLEY RD
 PINOLE, CA 94564
 Site 8 of 10 in cluster B**

**CERS HAZ WASTE S117352972
 HAZNET N/A
 CONTRA COSTA CO. SITE LIST
 HWTS**

**Relative:
 Higher
 Actual:
 64 ft.**

CERS HAZ WASTE:

Name: SHERWIN-WILLIAMS #8625
 Address: 2727 PINOLE VALLEY RD
 City,State,Zip: PINOLE, CA 94564
 Site ID: 153181
 CERS ID: 10592797
 CERS Description: Hazardous Waste Generator

Evaluation:

Eval General Type: Compliance Evaluation Inspection
 Eval Date: 01-22-2020
 Violations Found: No
 Eval Type: Routine done by local agency
 Eval Notes: Not reported
 Eval Division: Contra Costa County Health Services Department
 Eval Program: HW
 Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
 Eval Date: 09-29-2017
 Violations Found: No
 Eval Type: Routine done by local agency
 Eval Notes: Not reported
 Eval Division: Contra Costa County Health Services Department
 Eval Program: HW
 Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
 Eval Date: 10-23-2015
 Violations Found: No
 Eval Type: Routine done by local agency
 Eval Notes: Not reported
 Eval Division: Contra Costa County Health Services Department
 Eval Program: HW
 Eval Source: CERS

Coordinates:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Site ID: 153181
Facility Name: Sherwin-Williams #8625
Env Int Type Code: HWG
Program ID: 10592797
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.994840
Longitude: -122.285260

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Yenny Khuu
Entity Title: Not reported
Affiliation Address: 2100 W. Orangewood Ave. Ste100
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92868
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: DIANA LIU REVOCABLE TRUST,
Entity Title: Not reported
Affiliation Address: 2198 GRANITE DRIVE
Affiliation City: Alamo
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94507
Affiliation Phone: (925) 785-9114

Affiliation Type Desc: Identification Signer
Entity Name: Yenny Khuu
Entity Title: Area EHS Manager
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: THE SHERWIN-WILLIAMS CO
Entity Title: Not reported
Affiliation Address: 101 Prospect Ave NW 1000 Midland Building
Affiliation City: Cleveland
Affiliation State: OH
Affiliation Country: United States
Affiliation Zip: 44115
Affiliation Phone: (216) 566-1710

Affiliation Type Desc: Operator
Entity Name: THE SHERWIN-WILLIAMS CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Affiliation Zip: Not reported
Affiliation Phone: (216) 566-1710

Affiliation Type Desc: Document Preparer
Entity Name: Yenny Khuu
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: 2727 Pinole Valley Rd
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94564
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco Blvd Suite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200

Affiliation Type Desc: Parent Corporation
Entity Name: Sherwin-Williams Company
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

HAZNET:

Name: SHERWIN WILLIAMS #8625
Address: 2727 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 928680000
Contact: YENNY KHUU
Telephone: 7144747617
Mailing Name: Not reported
Mailing Address: 2100 W. ORANGEWOOD AVE. STE100

Year: 2019
Gepaid: CAL000399227
TSD EPA ID: CAD008364432

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.22200

Year: 2019
Gepaid: CAL000399227
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.14450

Year: 2018
Gepaid: CAL000399227
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12500

Year: 2018
Gepaid: CAL000399227
TSD EPA ID: CAD008364432
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.32500

Year: 2017
Gepaid: CAL000399227
TSD EPA ID: NVD980895338
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0375

Year: 2017
Gepaid: CAL000399227
TSD EPA ID: NVD980895338
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.5375

Year: 2016
Gepaid: CAL000399227
TSD EPA ID: NVD980895338
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.36

Year: 2016
Gepaid: CAL000399227
TSD EPA ID: NVD980895338
CA Waste Code: 214 - Unspecified solvent mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075
Year: 2015
Gepaid: CAL000399227
TSD EPA ID: NVD980895338
CA Waste Code: -
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.088
Year: 2015
Gepaid: CAL000399227
TSD EPA ID: NVD980895338
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1

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

Additional Info:

Year: 2016
Gen EPA ID: CAL000399227
Shipment Date: 20151104
Creation Date: 5/24/2016 18:30:14
Receipt Date: 20151117
Manifest ID: 000131087DAT
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT EXPRESS
TSD EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20151104
Creation Date: 5/24/2016 18:30:14
Receipt Date: 20151117
Manifest ID: 000131087DAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT EXPRESS
TSDf EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150616
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150622
Manifest ID:	001044501PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.088
Waste Quantity:	176
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150616
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150622
Manifest ID:	001044501PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

TSDF Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAL000399227

Shipment Date: 20151104
Creation Date: 5/24/2016 18:30:14
Receipt Date: 20151117
Manifest ID: 000131087DAT
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT EXPRESS
TSDF EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151104
Creation Date: 5/24/2016 18:30:14
Receipt Date: 20151117
Manifest ID: 000131087DAT
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT EXPRESS
TSDF EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150616
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150622
Manifest ID:	001044501PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.088
Waste Quantity:	176
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150616
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150622
Manifest ID:	001044501PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2017
Gen EPA ID: CAL000399227

Shipment Date: 20170905
Creation Date: 8/2/2018 18:30:37
Receipt Date: 20170913
Manifest ID: 001647741PSC
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.25
Waste Quantity: 500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170905
Creation Date: 8/2/2018 18:30:37
Receipt Date: 20170913
Manifest ID: 001647741PSC
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Shipment Date:	20170905
Creation Date:	8/2/2018 18:30:37
Receipt Date:	20170913
Manifest ID:	001647741PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170321
Creation Date:	5/11/2018 18:34:27
Receipt Date:	20170327
Manifest ID:	001513136PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDf EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170321
Creation Date:	5/11/2018 18:34:27
Receipt Date:	20170327
Manifest ID:	001513136PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Trans 2 Name: SMITH SYSTEMS
TSDf EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CONTRA COSTA CO. SITE LIST:

Name: SHERWIN-WILLIAMS #8625
Address: 2727 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0035993
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: LESS THAN 1000 LBS
Region: CONTRA COSTA
Cupa Number: 774938

Name: SHERWIN-WILLIAMS #8625
Address: 2727 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0035993
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 774938

HWTS:

Name: SHERWIN WILLIAMS #8625
Address: 2727 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 94564
EPA ID: CAL000399227
Inactive Date: Not reported
Create Date: 07/28/2014
Last Act Date: 07/28/2020
Mailing Name: Not reported
Mailing Address: 2100 W. ORANGEWOOD AVE. STE100
Mailing Address 2: Not reported
Mailing City,State,Zip: ORANGE, CA 928680000
Owner Name: THE SHERWIN WILLIAMS COMPANY
Owner Address: 101 W PROSPECT AVE
Owner Address 2: 1000 MIDLAND BUILDING
Owner City,State,Zip: CLEVELAND, OH 441151027

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SHERWIN WILLIAMS #8625 (Continued)

S117352972

Contact Name:	YENNY KHUU
Contact Address:	2100 W. ORANGEWOOD AVE. STE100
Contact Address 2:	Not reported
City,State,Zip:	ORANGE, CA 92868
NAICS:	
EPA ID:	CAL000399227
Create Date:	2014-07-28 09:13:27.107
NAICS Code:	44419
NAICS Description:	Other Building Material Dealers
Issued EPA ID Date:	2014-07-28 09:13:27.07300
Inactive Date:	Not reported
Facility Name:	SHERWIN WILLIAMS #8625
Facility Address:	2727 PINOLE VALLEY RD
Facility Address 2:	Not reported
Facility City:	PINOLE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94564

**B19
 NW
 < 1/8
 0.051 mi.
 268 ft.**

**STAR CLEANERS
 2762 PINOLE VALLEY RD
 PINOLE, CA 94564**

**EDR Hist Cleaner 1020094163
 N/A**

Site 9 of 10 in cluster B

**Relative:
 Lower**

EDR Hist Cleaner

**Actual:
 44 ft.**

Year:	Name:	Type:
1997	STAR CLEANERS	Drycleaning Plants, Except Rugs
1998	STAR CLEANERS	Drycleaning Plants, Except Rugs
1999	STAR CLEANERS	Drycleaning Plants, Except Rugs
2000	STAR CLEANERS	Drycleaning Plants, Except Rugs

**B20
 NW
 < 1/8
 0.051 mi.
 268 ft.**

**CREEKSIDE DRY CLEANERS
 2762 PINOLE VALLEY RD
 PINOLE, CA 94564**

**CONTRA COSTA CO. SITE LIST S102261544
 N/A**

Site 10 of 10 in cluster B

**Relative:
 Lower**

CONTRA COSTA CO. SITE LIST:

**Actual:
 44 ft.**

Name:	CREEKSIDE DRY CLEANERS
Address:	2762 PINOLE VALLEY RD
City:	PINOLE
Facility ID:	FA0028450
Billing Status:	INACTIVE, NON-BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	HMBP GENERAL
Region:	CONTRA COSTA
Cupa Number:	771698

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C21
NNW
< 1/8
0.065 mi.
342 ft.

WALGREENS #11614
2750 PINOLE VALLEY RD
PINOLE, CA 94564

RCRA-SQG **1016954501**
CAL000336131

Site 1 of 15 in cluster C

Relative:
Lower
Actual:
45 ft.

RCRA-SQG:		2020-07-21 00:00:00.0
Date Form Received by Agency:		2020-07-21 00:00:00.0
Handler Name:	WALGREENS #11614	
Handler Address:		2750 PINOLE VALLEY RD
Handler City,State,Zip:		PINOLE, CA 94564
EPA ID:		CAL000336131
Contact Name:		AMBER DURKIN
Contact Address:		WILMOT RD, 5TH FL, MS#1450
Contact City,State,Zip:		DEEFIELD, IL 60015
Contact Telephone:		847-964-8816
Contact Fax:		Not reported
Contact Email:		AMBER.DURKIN@WALGREENS.COM
Contact Title:		APS SAFETY MANAGER, NON-RETAIL / SUPPLY CHAIN
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2019
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		GREYHAWK CT. SUITE 200
Mailing City,State,Zip:		CARLSBAD, CA 92010
Owner Name:		SCG PINOLE VALLEY SHOPPING CENTER LLC
Owner Type:		Private
Operator Name:		WALGREEN CO.
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #11614 (Continued)

1016954501

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-10-12 18:18:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D009

Map ID
 Direction
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WALGREENS #11614 (Continued)

1016954501

Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U205
Waste Description:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO.
Legal Status:	Private
Date Became Current:	2008-08-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 WILMOT DRIVE, MAIL STOP #2273
Owner/Operator City,State,Zip:	DEEFIELD, IL 60015
Owner/Operator Telephone:	847-315-2812
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #11614 (Continued)

1016954501

Owner/Operator Email:	KIM.DASCOLI@WALGREENS.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCG PINOLE VALLEY SHOPPING CENTER LLC
Legal Status:	Private
Date Became Current:	2008-08-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4 EMBARCADERO CENTER STE 3300
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	925-683-9934
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO.
Legal Status:	Private
Date Became Current:	2008-08-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCG PINOLE VALLEY SHOPPING CENTER LLC
Legal Status:	Private
Date Became Current:	2008-08-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4 EMBARCADERO CENTER STE 3300,
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	925-683-9934
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	KIM.DASCOLI@WALGREENS.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO.
Legal Status:	Private
Date Became Current:	2008-08-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 WILMONT RD.
Owner/Operator City,State,Zip:	DEEFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCG PINOLE VALLEY SHOPPING CENTER LLC
Legal Status:	Private
Date Became Current:	2013-04-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4 EMBARCADERO CENTER STE 3300
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #11614 (Continued)

1016954501

Owner/Operator Telephone:	925-683-9934
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO
Legal Status:	Private
Date Became Current:	2013-04-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCG PINOLE VALLEY SHOPPING CENTER LLC
Legal Status:	Private
Date Became Current:	2008-08-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4 EMBARCADERO CENTER STE 3300,
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-06-09 00:00:00.0
Handler Name:	WALGREENS #11614
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-04-05 00:00:00.0
Handler Name:	WALGREENS #11614
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-08-31 00:00:00.0
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WALGREENS #11614 (Continued)

1016954501

Handler Name: WALGREENS #11614
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

Receive Date: 2020-07-21 00:00:00.0
 Handler Name: WALGREENS #11614
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 44611
 NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
 NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

C22
NNW
 < 1/8
 0.065 mi.
 342 ft.

WALGREENS #11614
2750 PINOLE VALLEY RD
PINOLE, CA 94564

CERS HAZ WASTE S109348694
CONTRA COSTA CO. SITE LIST N/A

Site 2 of 15 in cluster C

Relative:
Lower
Actual:
 45 ft.

CERS HAZ WASTE:
 Name: WALGREENS #11614
 Address: 2750 PINOLE VALLEY RD
 City,State,Zip: PINOLE, CA 94564
 Site ID: 84117
 CERS ID: 10019428
 CERS Description: Hazardous Waste Generator

Evaluation:

Eval General Type: Compliance Evaluation Inspection
 Eval Date: 01-03-2020
 Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #11614 (Continued)

S109348694

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 84117
Facility Name: WALGREENS #11614
Env Int Type Code: HWG
Program ID: 10019428
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.995077
Longitude: -122.285798

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #11614 (Continued)

S109348694

Affiliation Address: 4585 Pacheco Blvd Suite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200

Affiliation Type Desc: Document Preparer
Entity Name: Crystalyn Dogui-is, On behalf of Walgreen Co.
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: Verisk 3E, Regulatory Dept/Walgreen Co., 3207 Grey Hawk Ct, Ste 200
Affiliation City: Carlsbad
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92010
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Crystalyn Dogui-is, on behalf of Walgreen Co.
Entity Title: Regulatory Compliance Coordinator II, Verisk 3E
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: Walgreens Co.
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: (847) 914-2264

Affiliation Type Desc: Parent Corporation
Entity Name: Walgreens
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #11614 (Continued)

S109348694

Affiliation Type Desc: Property Owner
Entity Name: SCG PINOLE VALLEY SHOPPING CENTER LLC
Entity Title: Not reported
Affiliation Address: 4 EMBARCADERO CENTER STE 3300
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94111
Affiliation Phone: (925) 683-9934

Affiliation Type Desc: Environmental Contact
Entity Name: Verisk 3E, Regulatory Department/Walgreen Co.
Entity Title: Not reported
Affiliation Address: 3207 Grey Hawk Court, Suite 200
Affiliation City: Carlsbad
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92010
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Walgreen Co.
Entity Title: Not reported
Affiliation Address: 200 Wilmot Road
Affiliation City: Deerfield
Affiliation State: IL
Affiliation Country: United States
Affiliation Zip: 60015
Affiliation Phone: (847) 914-2264

CONTRA COSTA CO. SITE LIST:

Name: WALGREENS #11614
Address: 2750 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0030570
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: LESS THAN 1000 LBS
Region: CONTRA COSTA
Cupa Number: 773901

Name: WALGREENS #11614
Address: 2750 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0030570
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 773901

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:36:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHAE HONG KIM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3600 SIERRA RD UNIT 5102
Owner/Operator City,State,Zip:	RICHMOND, CA 94806
Owner/Operator Telephone:	510-223-8067
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-11-19 00:00:00.0
Handler Name:	PINOLE CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

DRYCLEANERS:

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD STE D
City,State,Zip: PINOLE, CA 945641465
EPA Id: CAL000284465
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 07/14/2004
Facility Active: No
Inactive Date: 08/26/2015
Facility Addr2: Not reported
Owner Name: DAI WON CHOI
Owner Address: 2701 PINOLE VALLEY RD STE D
Owner Address 2: Not reported
Owner Telephone: 5107588082
Contact Name: DAI WON CHOI
Contact Address: 2701-D
Contact Address 2: PINOLE VALLEY RD
Contact Telephone: 5107993127
Mailing Name: Not reported
Mailing Address 1: 2701 PINOLE VALLEY RD STE D
Mailing Address 2: Not reported
Mailing City: PINOLE
Mailing State: CA
Mailing Zip: 945641465
Owner Fax: 0
Region Code: 2

HAZNET:

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD UNIT D
Address 2: Not reported
City,State,Zip: PINOLE, CA 945640000
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 2701 PINOLE VALLEY RD UNIT D

Year: 2003
Gepaid: CAD983652819

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

<p>TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method: Tons: Year:</p>	<p>CAT080014079 751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L - Not reported 2003 CAD983652819 CAT080014079 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L - Not reported 2003 CAD983652819 CAT080014079 331 - Off-specification, aged or surplus organics H01 - Transfer Station 0.198 2002 CAD983652819 CAT080014079 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L - Not reported 2002 CAD983652819 CAT080014079 331 - Off-specification, aged or surplus organics H01 - Transfer Station 0.297 2002 CAD983652819 CAT080014079 751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L - Not reported 2001 CAD983652819 CAT080014079 331 - Off-specification, aged or surplus organics H01 - Transfer Station 0.165 2001 CAD983652819 CAT080014079 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L - 0 2000</p>
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Gepaid: CAD983652819
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.1875

Year: 1999
Gepaid: CAD983652819
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.51

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

Additional Info:

Year: 2000
Gen EPA ID: CAD983652819

Shipment Date: 20000317
Creation Date: 5/30/2000 0:00:00
Receipt Date: 20000322
Manifest ID: 99353893
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCR000074591
Trans 2 Name: Not reported
TSD EPA ID: CA0000084517
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000317
Creation Date: 5/30/2000 0:00:00
Receipt Date: 20000322
Manifest ID: 99353893
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCR000074591
Trans 2 Name: Not reported
TSD EPA ID: CA0000084517
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.09
Waste Quantity: 180
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1995
Gen EPA ID: CAD983652819

Shipment Date: 19951205
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951205
Manifest ID: 95817849
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950719
Creation Date: 4/2/1996 0:00:00
Receipt Date: 19950719
Manifest ID: 95684775
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950524
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950524
Manifest ID:	95415682
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD053044053
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD053044053
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950405
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950405
Manifest ID:	95095033
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD053044053
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD053044053
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950306
Creation Date:	3/29/1996 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Receipt Date: 19950306
Manifest ID: 95094055
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950207
Creation Date: 3/29/1996 0:00:00
Receipt Date: 19950207
Manifest ID: 95050422
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950111
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19950111
Manifest ID: 95048121
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1996
Gen EPA ID: CAD983652819

Shipment Date: 19961217
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19961217
Manifest ID: 96472341
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.195
Waste Quantity: 390
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960925
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960925
Manifest ID: 96509964
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.06

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960925
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960925
Manifest ID:	96509964
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD053044053
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960717
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960717
Manifest ID:	96100716
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD053044053
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960524

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960524
Manifest ID: 96127921
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960329
Creation Date: 10/29/1996 0:00:00
Receipt Date: 19950329
Manifest ID: 96257882
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960329
Creation Date: 10/29/1996 0:00:00
Receipt Date: 19950329
Manifest ID: 96257882
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960124
Creation Date: 10/16/1996 0:00:00
Receipt Date: 19960124
Manifest ID: 95954455
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960124
Creation Date: 10/16/1996 0:00:00
Receipt Date: 19960124
Manifest ID: 95954455
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1997
Gen EPA ID: CAD983652819

Shipment Date: 19971110
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971110
Manifest ID: 96785180
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.195
Waste Quantity: 390
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971110
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971110
Manifest ID: 96785180
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Shipment Date: 19970528
Creation Date: 7/17/1997 0:00:00
Receipt Date: 19970528
Manifest ID: 96619655
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970528
Creation Date: 7/17/1997 0:00:00
Receipt Date: 19970528
Manifest ID: 96619655
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.195
Waste Quantity: 390
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970306
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19970306
Manifest ID: 96373457
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970306
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970306
Manifest ID:	96373457
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2003
Gen EPA ID:	CAD983652819
Shipment Date:	20030414
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030421
Manifest ID:	22007859
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030414
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030421
Manifest ID:	22007859
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030414
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030421
Manifest ID:	22007859
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Shipment Date:	20030108
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20030113
Manifest ID:	22007677
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030108
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20030113
Manifest ID:	22007677
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030108
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20030113
Manifest ID:	22007677
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.099
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1999
Gen EPA ID: CAD983652819

Shipment Date: 19991230
Creation Date: 3/22/2000 0:00:00
Receipt Date: 20000111
Manifest ID: 98864496
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCR000074591
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991230
Creation Date: 3/22/2000 0:00:00
Receipt Date: 20000111
Manifest ID: 98864496
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCR000074591
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991027
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991102
Manifest ID:	99197654
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDf EPA ID:	CA0000084517
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991027
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991102
Manifest ID:	99197654
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDf EPA ID:	CA0000084517
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Shipment Date: 19990629
Creation Date: 9/21/1999 0:00:00
Receipt Date: 19990701
Manifest ID: 99237404
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDf EPA ID: CA0000084517
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990416
Creation Date: 7/7/1999 0:00:00
Receipt Date: 19990423
Manifest ID: 98668233
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDf EPA ID: CA0000084517
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990416
Creation Date: 7/7/1999 0:00:00
Receipt Date: 19990423
Manifest ID: 98668233
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDf EPA ID: CA0000084517

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1998
Gen EPA ID: CAD983652819

Shipment Date: 19981230
Creation Date: 2/26/1999 0:00:00
Receipt Date: 19990105
Manifest ID: 98315798
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDf EPA ID: CA0000084517
Trans Name: Not reported
TSDf Alt EPA ID: CA0000084517
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981230
Creation Date: 2/26/1999 0:00:00
Receipt Date: 19990105
Manifest ID: 98315798
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDf EPA ID: CA0000084517
Trans Name: Not reported
TSDf Alt EPA ID: CA0000084517
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002

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Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980723
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980728
Manifest ID:	98131245
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CA0000084517
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980723
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980728
Manifest ID:	98131245
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CA0000084517
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Shipment Date: 19980327
Creation Date: 5/26/1998 0:00:00
Receipt Date: 19980331
Manifest ID: 97385563
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CA0000084517
Trans Name: Not reported
TSDf Alt EPA ID: CA0000084517
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980327
Creation Date: 5/26/1998 0:00:00
Receipt Date: 19980331
Manifest ID: 97385563
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CA0000084517
Trans Name: Not reported
TSDf Alt EPA ID: CA0000084517
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAD983652819

Shipment Date: 20011126
Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011126
Manifest ID: 21712445
Trans EPA ID: CAR000086777

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: CAT080014079
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011126
Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011126
Manifest ID: 21712445
Trans EPA ID: CAR000086777
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: CAT080014079
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011126
Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011126
Manifest ID: 21712445
Trans EPA ID: CAR000086777
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: CAT080014079
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010807
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010813
Manifest ID:	21184595
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080014079
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010807
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010813
Manifest ID:	21184595
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080014079
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Shipment Date: 20010807
Creation Date: 10/3/2001 0:00:00
Receipt Date: 20010813
Manifest ID: 21184595
Trans EPA ID: CAR000086777
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: CAT080014079
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.066
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2002
Gen EPA ID: CAD983652819

Shipment Date: 20021022
Creation Date: 2/18/2003 18:31:24
Receipt Date: 20021029
Manifest ID: 21817547
Trans EPA ID: CAR000086777
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021022
Creation Date: 2/18/2003 18:31:24
Receipt Date: 20021029
Manifest ID: 21817547
Trans EPA ID: CAR000086777

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021022
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021029
Manifest ID:	21817547
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020625
Creation Date:	3/13/2003 18:31:17
Receipt Date:	20020701
Manifest ID:	21817267
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020625
Creation Date:	3/13/2003 18:31:17
Receipt Date:	20020701
Manifest ID:	21817267
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020625
Creation Date:	3/13/2003 18:31:17
Receipt Date:	20020701
Manifest ID:	21817267
Trans EPA ID:	CAR000086777
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Shipment Date: 20020306
Creation Date: 3/14/2003 18:31:30
Receipt Date: 20020311
Manifest ID: 21712669
Trans EPA ID: CAR000086777
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020306
Creation Date: 3/14/2003 18:31:30
Receipt Date: 20020311
Manifest ID: 21712669
Trans EPA ID: CAR000086777
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020306
Creation Date: 3/14/2003 18:31:30
Receipt Date: 20020311
Manifest ID: 21712669
Trans EPA ID: CAR000086777
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.099
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1993
Gen EPA ID: CAD983652819

Shipment Date: 19931213
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931213
Manifest ID: 93029346
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931118
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931118
Manifest ID: 93134289
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931022
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93095222
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD053044053
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930922
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93082617
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD053044053
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Shipment Date: 19930826
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930826
Manifest ID: 93037170
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1575
Waste Quantity: 315
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930628
Creation Date: 9/9/1995 0:00:00
Receipt Date: 19930628
Manifest ID: 92568168
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930604
Creation Date: 9/8/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 92609137
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1994
Gen EPA ID: CAD983652819

Shipment Date: 19941117
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941117
Manifest ID: 93765160
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941117
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941117
Manifest ID: 93765160
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941017
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941017
Manifest ID:	95079351
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD053044053
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD053044053
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940919
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940919
Manifest ID:	95070059
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD053044053
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Shipment Date: 19940823
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940823
Manifest ID: 93466501
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940601
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940601
Manifest ID: 93646497
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053
Trans Name: Not reported
TSDf Alt EPA ID: CAD053044053
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940307
Creation Date: 10/5/1995 0:00:00
Receipt Date: 19940307
Manifest ID: 92534330
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD053044053

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940210
Creation Date: 9/15/1995 0:00:00
Receipt Date: 19940210
Manifest ID: 93199347
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: CAD053044053
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940110
Creation Date: 9/14/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93119848
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD053044053
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0.1275
Waste Quantity: 255
Quantity Unit: P

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CONTRA COSTA CO. SITE LIST:

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD D
City: PINOLE
Facility ID: FA0033333
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: LESS THAN 1000 LBS
Region: CONTRA COSTA
Cupa Number: 770821

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD D
City: PINOLE
Facility ID: FA0033333
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 770821

HWTS:

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD STE D
Address 2: Not reported
City,State,Zip: PINOLE, CA 945641465
EPA ID: CAL000284465
Inactive Date: 08/26/2015
Create Date: 07/14/2004
Last Act Date: 12/08/2015
Mailing Name: Not reported
Mailing Address: 2701 PINOLE VALLEY RD STE D
Mailing Address 2: Not reported
Mailing City,State,Zip: PINOLE, CA 945641465
Owner Name: DAI WON CHOI
Owner Address: 2701 PINOLE VALLEY RD STE D
Owner Address 2: Not reported
Owner City,State,Zip: PINOLE, CA 945641465
Contact Name: DAI WON CHOI
Contact Address: 2701-D
Contact Address 2: PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564

NAICS:

EPA ID: CAL000284465
Create Date: 2004-07-14 10:04:31.253
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date: 2004-07-14 10:04:31.20700
Inactive Date: 2015-08-26 00:00:00
Facility Name: PINOLE CLEANERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1000819306

Facility Address: 2701 PINOLE VALLEY RD STE D
Facility Address 2: Not reported
Facility City: PINOLE
Facility County: Not reported
Facility State: CA
Facility Zip: 945641465

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD UNIT D
Address 2: Not reported
City,State,Zip: PINOLE, CA 945640000
EPA ID: CAD983652819
Inactive Date: 06/30/2002
Create Date: 11/19/1992
Last Act Date: 03/02/2005
Mailing Name: Not reported
Mailing Address: 2701 PINOLE VALLEY RD UNIT D
Mailing Address 2: Not reported
Mailing City,State,Zip: PINOLE, CA 945641424
Owner Name: YU SOO SONG
Owner Address: 3126 AVIS WAY
Owner Address 2: Not reported
Owner City,State,Zip: PINOLE, CA 945640000
Contact Name: --
Contact Address: NEW OWNER AT SITE, CAL000206120,MB
Contact Address 2: Not reported
City,State,Zip: PINOLE, CA 945641424

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD UNIT D
Address 2: Not reported
City,State,Zip: PINOLE, CA 945640000
EPA ID: CAL000206120
Inactive Date: 06/30/2005
Create Date: 02/07/2001
Last Act Date: 09/27/2005
Mailing Name: Not reported
Mailing Address: 2701 PINOLE VALLEY RD UNIT D
Mailing Address 2: Not reported
Mailing City,State,Zip: PINOLE, CA 945640000
Owner Name: PINOLE CLEANERS
Owner Address: 2701-D PINOLE VALLEY RD
Owner Address 2: Not reported
Owner City,State,Zip: PINOLE, CA 945640000
Contact Name: DAVID CHOI/OWNER
Contact Address: 2701 PINOLE VALLEY RD UNIT D
Contact Address 2: Not reported
City,State,Zip: PINOLE, CA 945640000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BEACON STATION (Continued)

S101306979

Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hds.co.contra-costa.ca.us
Phone Number: Not reported

LUST:

Global Id: T0601300351
Action Type: Other
Date: 11/14/1985
Action: Leak Reported

Global Id: T0601300351
Action Type: RESPONSE
Date: 07/18/2005
Action: Other Workplan

Global Id: T0601300351
Action Type: RESPONSE
Date: 05/31/2006
Action: Other Report / Document

Global Id: T0601300351
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0601300351
Action Type: ENFORCEMENT
Date: 10/31/2008
Action: 13267 Monitoring Program

Global Id: T0601300351
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0601300351
Action Type: RESPONSE
Date: 03/23/2007
Action: Other Report / Document

Global Id: T0601300351
Action Type: RESPONSE
Date: 06/30/2006
Action: Other Report / Document

Global Id: T0601300351
Action Type: RESPONSE
Date: 07/21/2006
Action: Electronic Reporting Submittal Due

Global Id: T0601300351
Action Type: RESPONSE
Date: 09/22/2006
Action: Other Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BEACON STATION (Continued)

S101306979

Global Id:	T0601300351
Action Type:	RESPONSE
Date:	06/20/1986
Action:	Monitoring Report - Other
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	01/02/1985
Action:	Well Installation Report
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	08/18/1986
Action:	Monitoring Report - Other
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	02/23/1987
Action:	Monitoring Report - Other
Global Id:	T0601300351
Action Type:	ENFORCEMENT
Date:	07/16/2009
Action:	File review
Global Id:	T0601300351
Action Type:	ENFORCEMENT
Date:	07/28/2009
Action:	13267 Requirement
Global Id:	T0601300351
Action Type:	ENFORCEMENT
Date:	09/16/2009
Action:	13267 Requirement
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	04/23/1987
Action:	Other Report / Document
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	01/30/1987
Action:	Monitoring Report - Semi-Annually
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	03/25/1987
Action:	Monitoring Report - Other
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	11/25/1986
Action:	Monitoring Report - Other
Global Id:	T0601300351
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BEACON STATION (Continued)

S101306979

Date: 04/22/1987
Action: Other Report / Document

Global Id: T0601300351
Action Type: RESPONSE
Date: 04/06/1987
Action: Other Report / Document

Global Id: T0601300351
Action Type: RESPONSE
Date: 01/06/1986
Action: Other Report / Document

Global Id: T0601300351
Action Type: RESPONSE
Date: 10/16/1986
Action: Monitoring Report - Other

Global Id: T0601300351
Action Type: RESPONSE
Date: 06/03/1986
Action: Monitoring Report - Other

Global Id: T0601300351
Action Type: RESPONSE
Date: 09/15/1986
Action: Monitoring Report - Other

Global Id: T0601300351
Action Type: RESPONSE
Date: 04/23/1987
Action: Other Report / Document

Global Id: T0601300351
Action Type: RESPONSE
Date: 12/11/1986
Action: Monitoring Report - Other

Global Id: T0601300351
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0601300351
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0601300351
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0601300351
Action Type: ENFORCEMENT
Date: 04/15/2004
Action: Settlement Agreement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BEACON STATION (Continued)

S101306979

Global Id:	T0601300351
Action Type:	ENFORCEMENT
Date:	04/14/2010
Action:	13267 Requirement
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	12/19/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	07/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	08/13/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	06/30/2009
Action:	Other Workplan
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	10/31/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	07/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	07/15/2010
Action:	Well Destruction Report
Global Id:	T0601300351
Action Type:	ENFORCEMENT
Date:	05/16/2005
Action:	Staff Letter
Global Id:	T0601300351
Action Type:	ENFORCEMENT
Date:	08/25/2004
Action:	Staff Letter
Global Id:	T0601300351
Action Type:	RESPONSE
Date:	12/15/2009
Action:	Other Report / Document
Global Id:	T0601300351
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BEACON STATION (Continued)

S101306979

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

Global Id: T0601300351
Action Type: ENFORCEMENT
Date: 06/26/2006
Action: 13267 Requirement

Global Id: T0601300351
Action Type: ENFORCEMENT
Date: 11/02/2005
Action: Staff Letter

Global Id: T0601300351
Action Type: ENFORCEMENT
Date: 10/26/2006
Action: 13267 Requirement

Global Id: T0601300351
Action Type: Other
Date: 11/14/1985
Action: Leak Discovery

Global Id: T0601300351
Action Type: ENFORCEMENT
Date: 07/21/2010
Action: Closure/No Further Action Letter

Global Id: T0601300351
Action Type: RESPONSE
Date: 07/16/2004
Action: Other Workplan

Global Id: T0601300351
Action Type: RESPONSE
Date: 12/29/2004
Action: Other Report / Document

Global Id: T0601300351
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0601300351
Action Type: ENFORCEMENT
Date: 04/30/2004
Action: Staff Letter

Global Id: T0601300351
Action Type: ENFORCEMENT
Date: 03/21/1997
Action: Closure/No Further Action Letter

Global Id: T0601300351
Action Type: Other
Date: 04/07/1987
Action: Leak Stopped

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BEACON STATION (Continued)

S101306979

Global Id: T0601300351
Action Type: RESPONSE
Date: 05/01/2009
Action: Monitoring Report - Quarterly

LUST:

Global Id: T0601300351
Status: Open - Case Begin Date
Status Date: 11/14/1985

Global Id: T0601300351
Status: Open - Site Assessment
Status Date: 01/02/1986

Global Id: T0601300351
Status: Completed - Case Closed
Status Date: 03/21/1997

Global Id: T0601300351
Status: Open - Reopen Case
Status Date: 04/16/2004

Global Id: T0601300351
Status: Open - Site Assessment
Status Date: 08/25/2004

Global Id: T0601300351
Status: Completed - Case Closed
Status Date: 07/21/2010

CORTESE:

Name: FORMER BEACON STATION
Address: 2701 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601300351
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BEACON STATION (Continued)

S101306979

EMI:

Name: DRYCLEAN USA
Address: 2701 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Year: 1990
County Code: 7
Air Basin: SF
Facility ID: 2846
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HIST CORTESE:

edr_fname: VILLAGE PROPERTIES
edr_fadd1: 2701 PINOLE VALLEY
City,State,Zip: PINOLE, CA
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0378

edr_fname: MILITARY FAMILY HOUSING,
edr_fadd1: 2701 PINOLE VALLEY
City,State,Zip: PINOLE, CA
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 2846

CONTRA COSTA CO. SITE LIST:

Name: BEACON SS #545/PINOLE
Address: 2701 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032205
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 738539

CERS:

Name: FORMER BEACON STATION
Address: 2701 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 195475
CERS ID: T0601300351

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER BEACON STATION (Continued)

S101306979

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: BARBARA SIEMINSKI - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY STREET, SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
 Entity Name: SUE LOYD - CONTRA COSTA COUNTY
 Entity Title: Not reported
 Affiliation Address: 4333 PACHECO BLVD.
 Affiliation City: MARTINEZ
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

HWTS:

Name: DRYCLEAN USA
 Address: 2701 PINOLE VALLEY RD
 Address 2: Not reported
 City,State,Zip: PINOLE, CA 945641465
 EPA ID: CAL000056529
 Inactive Date: 06/30/1993
 Create Date: 07/21/1994
 Last Act Date: 06/28/2001
 Mailing Name: Not reported
 Mailing Address: 2701 PINOLE VALLEY RD
 Mailing Address 2: Not reported
 Mailing City,State,Zip: PINOLE, CA 000000000
 Owner Name: --
 Owner Address: --
 Owner Address 2: Not reported
 Owner City,State,Zip: --, 99 --
 Contact Name: INACTIVE DUP NUM IN BLK LOGBK
 Contact Address: --
 Contact Address 2: Not reported
 City,State,Zip: --, 99 --

C26 **PINOLE CLEANERS**
NNW **2701 PINOLE VLY RD STE D**
< 1/8 **PINOLE, CA 94564**
0.066 mi.
347 ft. **Site 6 of 15 in cluster C**

EDR Hist Cleaner **1018416232**
N/A

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
59 ft. 1994 PINOLE CLEANERS Garment Pressing And Cleaners' Agents
 1995 PINOLE CLEANERS Garment Pressing And Cleaners' Agents
 1996 PINOLE CLEANERS Garment Pressing And Cleaners' Agents

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLEANERS (Continued)

1018416232

1997	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
1998	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
1999	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2000	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2001	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2002	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2003	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2004	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2005	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2006	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2007	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2008	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2009	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2010	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2011	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2012	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2013	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents
2014	PINOLE CLEANERS	Garment Pressing And Cleaners' Agents

**C27
NNW
< 1/8
0.066 mi.
347 ft.**

**BEACON STATION #545
2701 PINOLE VALLEY RD
PINOLE, CA 94564**

Site 7 of 15 in cluster C

**SWEEPS UST
HIST UST
EMI
CERS**

**U001597868
N/A**

**Relative:
Higher
Actual:
59 ft.**

SWEEPS UST:

Name: BEACON STATION #545
Address: 2701 PINOLE VALLEY RD
City: PINOLE
Status: Not reported
Comp Number: 38539
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-038539-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Name: BEACON STATION #545
Address: 2701 PINOLE VALLEY RD
City: PINOLE
Status: Not reported
Comp Number: 38539
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-038539-000002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON STATION #545 (Continued)

U001597868

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 #545
Address: 2701 PINOLE VALLEY RD
City: PINOLE
Status: Not reported
Comp Number: 38539
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-038539-000003
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 #545
Address: 2701 PINOLE VALLEY RD
City: PINOLE
Status: Not reported
Comp Number: 38539
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-038539-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:

Name: BEACON STATION 545
Address: 2701 PINOLE VALLEY ROAD
City,State,Zip: PINOLE, CA 94564
File Number: 00022809
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022809.pdf>
Region: STATE
Facility ID: 00000038539
Facility Type: Gas Station

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON STATION #545 (Continued)

U001597868

Other Type: Not reported
Contact Name: PAT WATKINS
Telephone: 2095820241
Owner Name: BEACON OIL COMPANY
Owner Address: 525 W. THIRD STREET
Owner City,St,Zip: HANFORD, CA 93230
Total Tanks: 0004

Tank Num: 001
Container Num: #545-1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .025
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: #545-2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: .025
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: #545-3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: .025
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: #545-5
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 14
Leak Detection: None

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

EMI:

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Year: 1996
County Code: 7
Air Basin: SF
Facility ID: 8090
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON STATION #545 (Continued)

U001597868

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Year: 1997
County Code: 7
Air Basin: SF
Facility ID: 8090
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Year: 1998
County Code: 7
Air Basin: SF
Facility ID: 8090
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

CERS:

Name: PINOLE CLEANERS
Address: 2701 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 487200
CERS ID: 110002427605
CERS Description: US EPA Air Emission Inventory System (EIS)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEACON STATION #545 (Continued)

U001597868

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: chae kim
Entity Title: Not reported
Affiliation Address: 3600 SIERRA ROAD UNIT 5102
Affiliation City: RICHMOND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: JUNE CHOI
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: Facility Owner
Entity Name: PINOLE CLNR
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: Environmental Contact
Entity Name: DAI WON CHOI
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: 2701 PINOLE VALLEY RD D
Affiliation City: PINOLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: DAI WON CHOI
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: Property Owner
Entity Name: VICTOR CHIANG
Entity Title: Not reported
Affiliation Address: 306 WINGED TERRACE DRIVE
Affiliation City: SANRAMON
Affiliation State: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BEACON STATION #545 (Continued)

U001597868

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

D28
SE
 < 1/8
 0.071 mi.
 373 ft.

CROCKETT UNION
2354 PALOMA CT 3
PINOLE, CA 94564

EDR Hist Auto **1021706216**
 N/A

Site 1 of 3 in cluster D

Relative:
Higher

EDR Hist Auto

Actual:
60 ft.

Year: Name:
 1991 CROCKETT UNION

Type:
 Gasoline Service Stations, NEC

D29
SE
 < 1/8
 0.080 mi.
 424 ft.

PAUL HIRSH
2362 PALOMA STREET
PINOLE, CA 94564

RCRA NonGen / NLR **1025854716**
CAC003034969

Site 2 of 3 in cluster D

Relative:
Higher

RCRA NonGen / NLR:

Actual:
65 ft.

Date Form Received by Agency:	2019-09-20 00:00:00.0
Handler Name:	PAUL HIRSH
Handler Address:	2362 PALOMA STREET
Handler City,State,Zip:	PINOLE, CA 94564
EPA ID:	CAC003034969
Contact Name:	PAUL HIRSH
Contact Address:	2362 PALOMA STREET
Contact City,State,Zip:	PINOLE, CA 94564
Contact Telephone:	415-637-9619
Contact Fax:	Not reported
Contact Email:	SHACARRAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2362 PALOMA STREET
Mailing City,State,Zip:	PINOLE, CA 94564
Owner Name:	PAUL HIRSH
Owner Type:	Other
Operator Name:	PAUL HIRSH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PAUL HIRSH (Continued)

1025854716

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-27 16:23:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAUL HIRSH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PAUL HIRSH (Continued)

1025854716

Owner/Operator Address: 2362 PALOMA STREET
 Owner/Operator City,State,Zip: PINOLE, CA 94564
 Owner/Operator Telephone: 415-637-9619
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
 Owner/Operator Name: PAUL HIRSH
 Legal Status: Other
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 2362 PALOMA STREET
 Owner/Operator City,State,Zip: PINOLE, CA 94564
 Owner/Operator Telephone: 415-637-9619
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2019-09-20 00:00:00.0
 Handler Name: PAUL HIRSH
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

C30
NNW
< 1/8
0.093 mi.
492 ft.

TRADER JOES 230
2742 PINOLE VALLEY RD
PINOLE, CA 94564
Site 8 of 15 in cluster C

RCRA NonGen / NLR **1024866886**
CAL000435477

Relative:
Lower
Actual:
42 ft.

RCRA NonGen / NLR:
 Date Form Received by Agency: 2018-04-30 00:00:00.0
 Handler Name: TRADER JOES 230
 Handler Address: 2742 PINOLE VALLEY RD
 Handler City,State,Zip: PINOLE, CA 94564
 EPA ID: CAL000435477

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRADER JOES 230 (Continued)

1024866886

Contact Name:	TRADER JOES FACILITIES DEPT
Contact Address:	PO BOX 5049
Contact City,State,Zip:	MONROVIA, CA 91016
Contact Telephone:	626-803-5207
Contact Fax:	626-599-2923
Contact Email:	FACILITIESDEPARTMENT@TRADERJOES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 5049
Mailing City,State,Zip:	MONROVIA, CA 91016
Owner Name:	TRADER JOES COMPANY
Owner Type:	Other
Operator Name:	TRADER JOES FACILITIES DEPT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRADER JOES 230 (Continued)

1024866886

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:38:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRADER JOES FACILITIES DEPT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 5049
Owner/Operator City,State,Zip:	MONROVIA, CA 91016
Owner/Operator Telephone:	626-803-5207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRADER JOES COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 5049
Owner/Operator City,State,Zip:	MONROVIA, CA 91016
Owner/Operator Telephone:	626-803-5207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-04-30 00:00:00.0
Handler Name:	TRADER JOES 230
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TRADER JOES 230 (Continued)

1024866886

Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 445110
 NAICS Description: SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**C31
 NNW
 < 1/8
 0.093 mi.
 492 ft.**

**TRADER JOE'S #230
 2742 PINOLE VALLEY RD
 PINOLE, CA 94564**

**CONTRA COSTA CO. SITE LIST S121312184
 N/A**

Site 9 of 15 in cluster C

**Relative:
 Lower
 Actual:
 42 ft.**

CONTRA COSTA CO. SITE LIST:
 Name: TRADER JOE'S #230
 Address: 2742 PINOLE VALLEY RD
 City: PINOLE
 Facility ID: FA0040291
 Billing Status: ACTIVE, BILLABLE
 Program Status: CONTRA COSTA CO. SITE LIST
 Program/Elements: HMBP: LESS THAN 1000 LBS
 Region: CONTRA COSTA
 Cupa Number: 775747

Name: TRADER JOE'S #230
 Address: 2742 PINOLE VALLEY RD
 City: PINOLE
 Facility ID: FA0040291
 Billing Status: ACTIVE, BILLABLE
 Program Status: CONTRA COSTA CO. SITE LIST
 Program/Elements: HWG: REPORTED ZERO
 Region: CONTRA COSTA
 Cupa Number: 775747

**C32
 NNW
 < 1/8
 0.093 mi.
 492 ft.**

**TRADER JOE'S #230
 2742 PINOLE VALLEY RD
 PINOLE, CA 94564**

**CERS HAZ WASTE S121781881
 CERS N/A**

Site 10 of 15 in cluster C

**Relative:
 Lower
 Actual:
 42 ft.**

CERS HAZ WASTE:
 Name: TRADER JOE'S #230
 Address: 2742 PINOLE VALLEY RD
 City,State,Zip: PINOLE, CA 94564
 Site ID: 424568
 CERS ID: 10740430

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRADER JOE'S #230 (Continued)

S121781881

CERS Description: Hazardous Waste Generator

CERS:
Name: TRADER JOE'S #230
Address: 2742 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 424568
CERS ID: 10740430
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 424568
Facility Name: Trader Joe's #230
Env Int Type Code: HMBP
Program ID: 10740430
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.995420
Longitude: -122.286850

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Trader Joe's Company
Entity Title: Not reported
Affiliation Address: P.O. Box 8000
Affiliation City: Monsey
Affiliation State: NY
Affiliation Country: United States
Affiliation Zip: 10952
Affiliation Phone: (626) 599-3700

Affiliation Type Desc: Identification Signer
Entity Name: Greg Paquet
Entity Title: Director of Facilities
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRADER JOE'S #230 (Continued)

S121781881

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Trader Joe's Company
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:	(626) 599-3700
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 8000
Affiliation City:	Monsey
Affiliation State:	NY
Affiliation Country:	Not reported
Affiliation Zip:	10952
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Contra Costa County Health Services Department
Entity Title:	Not reported
Affiliation Address:	4585 Pacheco BlvdSuite 100
Affiliation City:	Martinez
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94553
Affiliation Phone:	(925) 655-3200
Affiliation Type Desc:	Environmental Contact
Entity Name:	Tim Rumble
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5049
Affiliation City:	Monrovia
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91017
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	TRADER JOE'S
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C33
NNW
 < 1/8
 0.103 mi.
 544 ft.

MERCURY DRY CLEANER
2714 PINOLE VALLEY RD.
PINOLE, CA 94564

SEMS-ARCHIVE 1002853416
CPS-SLIC CAD983662461
NON-CASE INFO

Site 11 of 15 in cluster C

Relative:
Lower

SEMS Archive:

Actual:
38 ft.

Site ID: 0904794
 EPA ID: CAD983662461
 Name: MERCURY DRY CLEANER
 Address: 2714 PINOLE VALLEY RD.
 Address 2: Not reported
 City,State,Zip: PINOLE, CA 94564
 Cong District: 07
 FIPS Code: 06013
 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: 0904794
 EPA ID: CAD983662461
 Site Name: MERCURY DRY CLEANER
 NPL: N
 FF: N
 OU: 00
 Action Code: VS
 Action Name: ARCH SITE
 SEQ: 1
 Start Date: Not reported
 Finish Date: 2001-04-17 04:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf In-Hse

Region: 09
 Site ID: 0904794
 EPA ID: CAD983662461
 Site Name: MERCURY DRY CLEANER
 NPL: N
 FF: N
 OU: 00
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1993-03-25 05:00:00
 Finish Date: 1993-03-25 05:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf

Region: 09
 Site ID: 0904794
 EPA ID: CAD983662461
 Site Name: MERCURY DRY CLEANER
 NPL: N
 FF: N
 OU: 00
 Action Code: PA
 Action Name: PA
 SEQ: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANER (Continued)

1002853416

Start Date: 2000-08-15 04:00:00
Finish Date: 2001-02-14 05:00:00
Qual: N
Current Action Lead: St Perf

SLIC REG 2:

Region: 2
Facility ID: SL18320740
Facility Status: Not reported
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RPR
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

NON-CASE INFO:

Name: MERCURY DRY CLEANERS (FORMER)
Address: 2714 PINOLE VALLEY ROAD
City,State,Zip: PINOLE, CA
Global ID: SL18320740
Case Type: Non-Case Information
Status: Informational Item
Status Date: 05/04/2009
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number: SL18320740
Loc Case Number: Not reported
File Location: DTSC
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE)
Potential Media Affected: Aquifer used for drinking water supply, Soil, Soil Vapor, Surface water
Site History: This is a dry cleaner case that was transferred to DTSC. Documents can be viewed for tthis case at:
http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=07720037#
Begin Date: 1996-04-01 00:00:00
How Discovered: * RPR
How Discovered Description: Not reported
Stop Method: Not reported
Stop Description: Not reported
Latitude: 37.9954786854536
Longitude: -122.286626726702
Geotracker: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL18320740

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C34
NNW
< 1/8
0.103 mi.
544 ft.

MERCURY CLEANERS
2714 PINOLE VALLEY RD
PINOLE, CA 94564

EDR Hist Cleaner **1018491094**
N/A

Relative:
Lower

EDR Hist Cleaner

Actual:
38 ft.

Year:	Name:	Type:
1975	ONE HOUR MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1976	ONE HOUR MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1977	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1978	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1979	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1980	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1982	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1983	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1985	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1986	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1987	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1988	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1989	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1990	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1991	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1991	ONE HOUR MERCURY DRY CLEA	Personal Appearance Services
1992	ONE HOUR MERCURY DRY CLEA	Personal Appearance Services
1992	MERCURY CLEANERS	Drycleaning Plants, Except Rugs
1993	ONE HOUR MERCURY DRY CLEA	Personal Appearance Services
1994	ONE HOUR MERCURY DRY CLEA	Personal Appearance Services

C35
NNW
< 1/8
0.103 mi.
544 ft.

MERCURY DRY CLEANERS
2714 PINOLE VALLEY ROAD
PINOLE, CA 94564

ENVIROSTOR **S103648441**
VCP **N/A**
DEED
EMI

Relative:
Lower

ENVIROSTOR:

Actual:
38 ft.

Name: MERCURY DRY CLEANERS
 Address: 2714 PINOLE VALLEY ROAD
 City,State,Zip: PINOLE, CA 94564
 Facility ID: 07720037
 Status: Certified / Operation & Maintenance
 Status Date: 04/09/2008
 Site Code: 201298
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 3.63
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Parag Shah
 Supervisor: Whitney Smith
 Division Branch: Cleanup Berkeley
 Assembly: 15
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: YES
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.99530

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Longitude: -122.2864
APN: 401-310-010, 401-310-021, 401-310-022, 401310002, 401310003, 401310017, 401310018, 401310019
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Potential Description: OTH, SOIL
Alias Name: BANK OF AMERICA
Alias Type: Alternate Name
Alias Name: REAL ESTATE COLLATERAL MANAGEMENT CORP.
Alias Type: Alternate Name
Alias Name: 401-310-010
Alias Type: APN
Alias Name: 401-310-021
Alias Type: APN
Alias Name: 401-310-022
Alias Type: APN
Alias Name: 401310002
Alias Type: APN
Alias Name: 401310003
Alias Type: APN
Alias Name: 401310017
Alias Type: APN
Alias Name: 401310018
Alias Type: APN
Alias Name: 401310019
Alias Type: APN
Alias Name: 110012538352
Alias Type: EPA (FRS #)
Alias Name: 110033610313
Alias Type: EPA (FRS #)
Alias Name: SL18320740
Alias Type: GeoTracker Global ID
Alias Name: SLT20205308
Alias Type: GeoTracker Global ID
Alias Name: 201298
Alias Type: Project Code (Site Code)
Alias Name: 07720037
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/18/2007
Comments: An Explanation of Significant Differences has been signed that modifies the remedy for groundwater from in-situ treatment to continued groundwater monitoring and natural attenuation. The ESD includes the contingency that further in-situ treatment will be performed if the tetrachloroethylene concentration in groundwater exceeds 500 micrograms per liter (g/l) during two consecutive semi-annual sampling events.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Date: 05/14/2002
Comments: Approved RAW for soil and groundwater cleanup by hot spot excavation and removal, and injection of sodium lactate, a hydrogen releasing compound.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/20/2001
Comments: Completed RI/FS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/16/2006
Comments: Completed Soil Vapor Intrusion Risk Assessment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/04/2005
Comments: Completed removal action effectiveness evaluation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 05/27/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 12/22/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/11/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/13/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/25/2002
Comments: State announces the availability of the Removal Action Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/25/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Comments: Notice of Public Comment Period on the Draft Removal Action Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 06/06/2001
Comments: Completed treatability study using potassium permanganate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/31/2002
Comments: Removal action completion report for source removal and HRC treatment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/28/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/22/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/12/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/30/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/21/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/26/2008
Comments: First Half 2008 Groundwater Monitoring report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/19/2008
Comments: Approved groundwater monitoring report for second half of 2008. The concentrations of PCE in the six monitoring wells that were sampled remained relatively constant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/25/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/15/2012
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 07/21/2011
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Document Type: Technical Report
Completed Date: 12/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 02/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/03/2000
Comments: USEPA determined site is under DTSC lead

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/25/2001
Comments: no further action planned since the site is capped and property owner entered into a VCA with DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 03/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/25/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 01/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 08/05/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/05/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/25/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/19/2014
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/21/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/31/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/31/2005
Comments: This report presents results of semiannual groundwater monitoring for the period from April1 through September 30, 2005.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/01/2005
Comments: This Report presents the results of quarterly groundwater monitoring performed for the period of January 1 through March 31, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/31/2005
Comments: This report presents results of quarterly groundwater monitoring for the Period from October 1 through December 31, 2004

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 09/20/2001
Comments: Amended Agreement for site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 11/02/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/17/2006
Comments: Amendment covers format of future submittals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/09/2008
Comments: Competed DTSC cleanup certification with groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/07/2002
Comments: Issued NOE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/17/2000
Comments: Signed Agreement for site investigation.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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MERCURY DRY CLEANERS (Continued)

S103648441

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/14/2008
Comments: DTSC annual oversight cost estimate to PRPs per HSC 25269.5.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/17/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/29/2011
Comments: Demand Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/19/2011
Comments: Demand Letter #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: Demand letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/23/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/21/2012
Comments: Demand letter #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2012
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/13/2013
Comments: Cost estimate completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/18/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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MERCURY DRY CLEANERS (Continued)

S103648441

Comments: CEQA Notice of Exemption for the Explanation of Significant Differences that modifies the remedy for groundwater selected in the Final Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 08/05/2014
Comments: NOE for the RAW ESD Approval submitted to State Clearinghouse.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2015
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/08/2016
Comments: DTSC requested that the LUC be signed and submitted by July 1, 2016. Otherwise groundwater monitoring and reporting will likely resume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/27/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2017
Comments: COST ESTIMATE COMPLETED AND LETTER SENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2018
Comments: Final 2018 2019 cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 02/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/27/2017

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Comments: Final Draft - Remedial Action Certification Form

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/21/2017
Comments: Notification sent 4/21/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/24/2018
Comments: Final - Change of PM Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/07/2019
Comments: final signed form

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 04/24/2017
Comments: The recorded Land Use Covenant restricts extraction of groundwater and certain types development including residential, hospitals, day cares and schools on the basis that contaminants of concern remain in groundwater and/or soil vapor above levels accepted for unrestricted land use.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2022
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2027
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: 5 Year Review Reports
Schedule Due Date: 12/06/2019
Schedule Revised Date: 01/17/2021

VCP:
Name: MERCURY DRY CLEANERS
Address: 2714 PINOLE VALLEY ROAD
City,State,Zip: PINOLE, CA 94564
Facility ID: 07720037
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3.63
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Project Manager: Parag Shah
Supervisor: Whitney Smith
Division Branch: Cleanup Berkeley
Site Code: 201298
Assembly: 15
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified / Operation & Maintenance
Status Date: 04/09/2008
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.99530 / -122.2864
APN: 401-310-010, 401-310-021, 401-310-022, 401310002, 401310003, 401310017, 401310018, 401310019

Past Use: DRY CLEANING
Potential COC: 30022, 30027, 30028, 30195
Confirmed COC: 30022,30027,30028,30195
Potential Description: OTH, SOIL
Alias Name: BANK OF AMERICA
Alias Type: Alternate Name
Alias Name: REAL ESTATE COLLATERAL MANAGEMENT CORP.
Alias Type: Alternate Name
Alias Name: 401-310-010
Alias Type: APN
Alias Name: 401-310-021
Alias Type: APN
Alias Name: 401-310-022
Alias Type: APN
Alias Name: 401310002
Alias Type: APN
Alias Name: 401310003
Alias Type: APN
Alias Name: 401310017
Alias Type: APN
Alias Name: 401310018
Alias Type: APN
Alias Name: 401310019
Alias Type: APN
Alias Name: 110012538352
Alias Type: EPA (FRS #)
Alias Name: 110033610313
Alias Type: EPA (FRS #)
Alias Name: SL18320740
Alias Type: GeoTracker Global ID
Alias Name: SLT2O205308
Alias Type: GeoTracker Global ID
Alias Name: 201298
Alias Type: Project Code (Site Code)
Alias Name: 07720037
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/18/2007
Comments: An Explanation of Significant Differences has been signed that modifies the remedy for groundwater from in-situ treatment to

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

continued groundwater monitoring and natural attenuation. The ESD includes the contingency that further in-situ treatment will be performed if the tetrachloroethylene concentration in groundwater exceeds 500 micrograms per liter (g/l) during two consecutive semi-annual sampling events.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/14/2002
Comments: Approved RAW for soil and groundwater cleanup by hot spot excavation and removal, and injection of sodium lactate, a hydrogen releasing compound.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/20/2001
Comments: Completed RI/FS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/16/2006
Comments: Completed Soil Vapor Intrusion Risk Assessment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/04/2005
Comments: Completed removal action effectiveness evaluation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 05/27/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 12/22/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/11/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/13/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/25/2002
Comments: State announces the availability of the Removal Action Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/25/2002
Comments: Notice of Public Comment Period on the Draft Removal Action Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 06/06/2001
Comments: Completed treatability study using potassium permanganate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/31/2002
Comments: Removal action completion report for source removal and HRC treatment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/28/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/22/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/12/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/30/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/21/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/26/2008
Comments: First Half 2008 Groundwater Monitoring report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/19/2008
Comments: Approved groundwater monitoring report for second half of 2008. The concentrations of PCE in the six monitoring wells that were sampled remained relatively constant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/25/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/15/2012
Comments: completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 07/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 02/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/03/2000
Comments: USEPA determined site is under DTSC lead

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/25/2001
Comments: no further action planned since the site is capped and property owner entered into a VCA with DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2013
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Document Type: Financial Assurance Documentation
Completed Date: 03/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/25/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 01/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 08/05/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/05/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/25/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/19/2014
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/21/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/31/2009
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/31/2005
Comments: This report presents results of semiannual groundwater monitoring for the period from April 1 through September 30, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/01/2005
Comments: This Report presents the results of quarterly groundwater monitoring performed for the period of January 1 through March 31, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/31/2005
Comments: This report presents results of quarterly groundwater monitoring for the Period from October 1 through December 31, 2004

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 09/20/2001
Comments: Amended Agreement for site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 11/02/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/17/2006
Comments: Amendment covers format of future submittals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/09/2008
Comments: Competed DTSC cleanup certification with groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/07/2002
Comments: Issued NOE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/17/2000
Comments: Signed Agreement for site investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/14/2008
Comments: DTSC annual oversight cost estimate to PRPs per HSC 25269.5.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/17/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/29/2011
Comments: Demand Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/19/2011
Comments: Demand Letter #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: Demand letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/23/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/21/2012
Comments: Demand letter #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2012
Comments: done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Date: 09/13/2013
Comments: Cost estimate completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/18/2007
Comments: CEQA Notice of Exemption for the Explanation of Significant Differences that modifies the remedy for groundwater selected in the Final Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 08/05/2014
Comments: NOE for the RAW ESD Approval submitted to State Clearinghouse.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2015
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/08/2016
Comments: DTSC requested that the LUC be signed and submitted by July 1, 2016. Otherwise groundwater monitoring and reporting will likely resume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/27/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2017
Comments: COST ESTIMATE COMPLETED AND LETTER SENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2018
Comments: Final 2018 2019 cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 02/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

Map ID
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Distance
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Completed Date: 10/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/27/2017
Comments: Final Draft - Remedial Action Certification Form

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/21/2017
Comments: Notification sent 4/21/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/24/2018
Comments: Final - Change of PM Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/07/2019
Comments: final signed form

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 04/24/2017
Comments: The recorded Land Use Covenant restricts extraction of groundwater and certain types development including residential, hospitals, day cares and schools on the basis that contaminants of concern remain in groundwater and/or soil vapor above levels accepted for unrestricted land use.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2022
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2027
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: 5 Year Review Reports
Schedule Due Date: 12/06/2019
Schedule Revised Date: 01/17/2021

DEED:

Name: MERCURY DRY CLEANERS
Address: 2714 PINOLE VALLEY ROAD
City,State,Zip: PINOLE, CA 94564
Envirostor ID: 7720037
Area: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY DRY CLEANERS (Continued)

S103648441

Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

EMI:

Name: MERCURY DRY CLEANERS
Address: 2714 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 945640000
Year: 1987
County Code: 7
Air Basin: SF
Facility ID: 314
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: MERCURY DRY CLEANERS
Address: 2714 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 945640000
Year: 1990
County Code: 7
Air Basin: SF
Facility ID: 314
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
 EPA ID Number

C36
NNW
 < 1/8
 0.103 mi.
 544 ft.

PINOLE VALLEY SHOPPING CENTER
2714 PINOLE VALLEY RD
PINOLE, CA 94564
 Site 14 of 15 in cluster C

RCRA-SQG 1005904369
US FIN ASSUR CAR000121822
FINDS
ECHO
HAZNET
CONTRA COSTA CO. SITE LIST
HWTS

Relative:
Lower

Actual:
38 ft.

RCRA-SQG:
 Date Form Received by Agency: 2002-07-15 00:00:00.0
 Handler Name: PINOLE VALLEY SHOPPING CENTER
 Handler Address: 2714 PINOLE VALLEY RD
 Handler City,State,Zip: PINOLE, CA 94564
 EPA ID: CAR000121822
 Contact Name: HENRY EVAN
 Contact Address: 4820 IRVINE BLVD
 Contact City,State,Zip: IRVINE, CA 92620
 Contact Telephone: 714-734-2070
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 4820 IRVINE BLVD
 Mailing City,State,Zip: IRVINE, CA 92620
 Owner Name: BARF INC
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline

Map ID
 Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-09-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROETHANE, TRICHLOROETHANE, 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.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BARF INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4820 IRVINE BLVD
Owner/Operator City,State,Zip:	IRVINE, CA 92620
Owner/Operator Telephone:	714-734-2070
Owner/Operator Telephone Ext:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BARF INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4820 IRVINE BLVD
Owner/Operator City,State,Zip: IRVINE, CA 92620
Owner/Operator Telephone: 714-734-2070
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2002-07-15 00:00:00.0
Handler Name: PINOLE VALLEY SHOPPING CENTER
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-07-15 00:00:00.0
Handler Name: PINOLE VALLEY SHOPPING CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

US FIN ASSUR:

Name: PINOLE VALLEY SHOPPING CENTER
Address: 2714 PINOLE VALLEY RD

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

City,State,Zip: PINOLE, CA 94564
EPA ID: CAR000121822
County: Not reported
Mechanism type: L
Mechanism Type Description: LETTER OF CREDIT
Cost estimate: 738300
Face value: 738300
Effective date: 2008-03-19 00:00:00
Provider: BANK OF AMERICA
EPA region: 9

FINDS:

Registry ID: 110012538352

Click Here:

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: 1005904369
Registry ID: 110012538352
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012538352>
Name: PINOLE VALLEY SHOPPING CENTER
Address: 2714 PINOLE VALLEY ROAD
City,State,Zip: PINOLE, CA 94564

HAZNET:

Name: PINOLE VALLEY SHOPPING CENTER
Address: 2714 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 94564
Contact: Randy Muller
Telephone: 7703545664
Mailing Name: Not reported
Mailing Address: 2650 ASHBOURNE DR

Year: 2014
Gepaid: CAR000121822
TSD EPA ID: NVD980895338
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.025

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MAP FINDINGS

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EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Year:	2013
Gepaid:	CAR000121822
TSD EPA ID:	CAD028409019
CA Waste Code:	341 - Organic liquids (nonsolvents) with halogens
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1668
Year:	2012
Gepaid:	CAR000121822
TSD EPA ID:	CAD028409019
CA Waste Code:	341 - Organic liquids (nonsolvents) with halogens
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3336
Year:	2010
Gepaid:	CAR000121822
TSD EPA ID:	CAD028409019
CA Waste Code:	341 - Organic liquids (nonsolvents) with halogens
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.52125
Year:	2009
Gepaid:	CAR000121822
TSD EPA ID:	CAD028409019
CA Waste Code:	341 - Organic liquids (nonsolvents) with halogens
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.56295
Year:	2008
Gepaid:	CAR000121822
TSD EPA ID:	CAD028409019
CA Waste Code:	341 - Organic liquids (nonsolvents) with halogens
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3336
Year:	2007
Gepaid:	CAR000121822
TSD EPA ID:	CAD098030993
CA Waste Code:	341 - Organic liquids (nonsolvents) with halogens
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.72975
Year:	2006
Gepaid:	CAR000121822
TSD EPA ID:	NVT330010000
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	D99 - Disposal, Other
Tons:	0.5004
Year:	2006

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EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Gepaid: CAR000121822
TSD EPA ID: CAD098030993
CA Waste Code: 341 - Organic liquids (nonsolvents) with halogens
Disposal Method: -
Tons: 0.417

Year: 2005
Gepaid: CAR000121822
TSD EPA ID: WAD991281767
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: T01 - Treatment, Tank
Tons: 1.4595

[Click this hyperlink](#) while viewing on your computer to access 6 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2004
Gen EPA ID: CAR000121822

Shipment Date: 20041019
Creation Date: 1/20/2005 18:30:18
Receipt Date: 20041027
Manifest ID: 24203309
Trans EPA ID: CAR000052803
Trans Name: PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID: TXR000025072
Trans 2 Name: ROCKETLINE CARRIER SERVICES
TSD EPA ID: WAD991281767
Trans Name: BURLINGTON ENVIRONMENTAL INC KENT
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040720
Creation Date: 1/4/2005 18:33:27
Receipt Date: 20040809
Manifest ID: 23415853
Trans EPA ID: CAR000052803
Trans Name: PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESS
TSD EPA ID: WAD991281767
Trans Name: BURLINGTON ENVIRONMENTAL INC KENT

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EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040319
Creation Date: 10/1/2004 18:31:09
Receipt Date: 20040402
Manifest ID: 23568742
Trans EPA ID: CAR000052803
Trans Name: PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESS
TSDF EPA ID: WAD991281767
Trans Name: BURLINGTON ENVIRONMENTAL INC KENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2009
Gen EPA ID: CAR000121822

Shipment Date: 20090908
Creation Date: 10/29/2009 18:30:19
Receipt Date: 20090916
Manifest ID: 005391532JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2502
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090420
Creation Date: 5/29/2009 18:30:40
Receipt Date: 20090427
Manifest ID: 003502084JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.31275
Waste Quantity: 75
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2003
Gen EPA ID: CAR000121822

Shipment Date: 20031218
Creation Date: 7/30/2004 18:31:14
Receipt Date: 20040105
Manifest ID: 96843595
Trans EPA ID: CAR000007013
Trans Name: CLEARWATER ENVIRONMENTAL MANAGEMENT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: ONYX FORMER AETS
TSDf Alt EPA ID: CAT080014079
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.231

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030929
Creation Date:	8/3/2004 7:33:04
Receipt Date:	20031009
Manifest ID:	21549200
Trans EPA ID:	CAR000007013
Trans Name:	CLEARWATER ENVIRONMENTAL MANAGEMENT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	ONYX FORMER ARTS
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030721
Creation Date:	7/23/2004 13:22:40
Receipt Date:	20030723
Manifest ID:	21549201
Trans EPA ID:	CAR000007013
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1176
Waste Quantity:	28
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030701

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Creation Date: 7/23/2004 13:22:40
Receipt Date: 20030723
Manifest ID: 21549202
Trans EPA ID: CAR000007013
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: CAT080014079
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.42
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2014
Gen EPA ID: CAR000121822

Shipment Date: 20140320
Creation Date: 8/19/2014 22:15:10
Receipt Date: 20140324
Manifest ID: 000095522DAT
Trans EPA ID: CAR000210617
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2013
Gen EPA ID: CAR000121822

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Shipment Date: 20130110
Creation Date: 3/13/2013 22:15:46
Receipt Date: 20130117
Manifest ID: 009812559JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1668
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2006
Gen EPA ID: CAR000121822

Shipment Date: 20061010
Creation Date: 3/30/2007 13:33:40
Receipt Date: 20061019
Manifest ID: 000238845JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD098030993
Trans Name: SIEMENS WATER TECHNOLOGY CORP
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060510
Creation Date: 8/24/2006 18:32:58
Receipt Date: 20060519
Manifest ID: 24763937

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.5004
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2008
Gen EPA ID:	CAR000121822
Shipment Date: 20080905	
Creation Date: 10/21/2008 18:30:08	
Receipt Date: 20080908	
Manifest ID: 004242508JJK	
Trans EPA ID: CAR000030114	
Trans Name: NRC ENVIRONMENTAL SERVICES INC	
Trans 2 EPA ID: Not reported	
Trans 2 Name: Not reported	
TSDf EPA ID: CAD028409019	
Trans Name: CROSBY & OVERTON INC	
TSDf Alt EPA ID: Not reported	
TSDf Alt Name: Not reported	
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens	
RCRA Code: F002	
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)	
Quantity Tons: 0.3336	
Waste Quantity: 80	
Quantity Unit: G	
Additional Code 1: Not reported	
Additional Code 2: Not reported	
Additional Code 3: Not reported	
Additional Code 4: Not reported	
Additional Code 5: Not reported	
Additional Info:	
Year:	2005
Gen EPA ID:	CAR000121822
Shipment Date: 20051021	
Creation Date: 7/12/2006 18:31:35	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Receipt Date: 20051027
Manifest ID: 24785717
Trans EPA ID: CAR000164012
Trans Name: 21ST CENTURY EMI
Trans 2 EPA ID: TXR000025072
Trans 2 Name: ROCKETLINE CARRIER SERVICES
TSDf EPA ID: WAD991281767
Trans Name: BURLINGTON ENVIRONMENTAL INC KENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050503
Creation Date: 8/24/2005 7:27:35
Receipt Date: 20050506
Manifest ID: 24204372
Trans EPA ID: CAR000052803
Trans Name: 21ST CENTURY EMI
Trans 2 EPA ID: TXR000025072
Trans 2 Name: ROCKET LINE
TSDf EPA ID: WAD991281767
Trans Name: BURLINGTON ENVIRONMENTAL INC KENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050201
Creation Date: 4/2/2005 18:31:31
Receipt Date: 20050209
Manifest ID: 24147686
Trans EPA ID: CAR000052803
Trans Name: PHILIP TRANSPORTATION & REMEDIATION INC
Trans 2 EPA ID: TXR000025072
Trans 2 Name: ROCKETLINE CARRIER SERVICES
TSDf EPA ID: WAD991281767

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Trans Name: BURLINGTON ENVIRONMENTAL INC KENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2010
Gen EPA ID: CAR000121822

Shipment Date: 20101108
Creation Date: 1/3/2011 18:31:25
Receipt Date: 20101111
Manifest ID: 000129686GBF
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION INC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.31275
Waste Quantity: 75
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100628
Creation Date: 9/10/2010 18:30:25
Receipt Date: 20100630
Manifest ID: 000129676GBF
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2002
Gen EPA ID: CAR000121822

Shipment Date: 20020920
Creation Date: 2/11/2003 18:31:24
Receipt Date: 20021007
Manifest ID: 21339926
Trans EPA ID: CAR000007013
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.462
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020918
Creation Date: 1/28/2003 18:32:43
Receipt Date: 20020925
Manifest ID: 21859577
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: F002
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 1.8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Waste Quantity:	3600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020918
Creation Date:	1/28/2003 18:32:43
Receipt Date:	20020925
Manifest ID:	21859577
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	F002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020805
Creation Date:	1/31/2003 15:02:08
Receipt Date:	20020807
Manifest ID:	21669864
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	12.6
Waste Quantity:	3000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020722

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Creation Date: 9/18/2002 18:31:39
Receipt Date: 20020722
Manifest ID: 96744517
Trans EPA ID: CAD982519209
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: F002
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020722
Creation Date: 9/18/2002 18:31:39
Receipt Date: 20020722
Manifest ID: 96744518
Trans EPA ID: CAR000053736
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: F002
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020722
Creation Date: 9/18/2002 18:31:39
Receipt Date: 20020722
Manifest ID: 96744519
Trans EPA ID: CAR000053736
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: F002
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020722
Creation Date: 9/18/2002 18:31:39
Receipt Date: 20020722
Manifest ID: 96744520
Trans EPA ID: CAR000089409
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: F002
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020722
Creation Date: 9/18/2002 18:31:39
Receipt Date: 20020722
Manifest ID: 96744523
Trans EPA ID: CAD980638340
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: F002
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020722
Creation Date: 9/18/2002 18:31:39
Receipt Date: 20020722
Manifest ID: 96744521
Trans EPA ID: CAD980638340
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: F002
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAR000121822

Shipment Date: 20070918
Creation Date: 12/28/2007 18:31:14
Receipt Date: 20070927
Manifest ID: 002078359JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD098030993
Trans Name: SIEMENS WATER TECHNOLOGY CORP
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 0.31275
Waste Quantity: 75
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Shipment Date: 20070313
Creation Date: 8/9/2007 18:31:27
Receipt Date: 20070315
Manifest ID: 002083780JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD098030993
Trans Name: SIEMENS WATER TECHNOLOGY CORP
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2012
Gen EPA ID: CAR000121822

Shipment Date: 20120912
Creation Date: 11/14/2012 22:15:52
Receipt Date: 20120914
Manifest ID: 009242080JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120312
Creation Date: 5/10/2012 20:30:12
Receipt Date: 20120319

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Manifest ID: 008992477JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165738
Trans 2 Name: SK TRUCKING ENT INC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CONTRA COSTA CO. SITE LIST:

Name: FORMER MERCURY DRY CLEANERS
Address: 2714 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0030379
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 773710

Name: MERCURY DRY CLEANERS
Address: 2714 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032974
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP GENERAL
Region: CONTRA COSTA
Cupa Number: 770449

Name: MERCURY DRY CLEANERS
Address: 2714 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032974
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 770449

HWTS:

Name: PINOLE VALLEY SHOPPING CENTER
Address: 2714 PINOLE VALLEY RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY SHOPPING CENTER (Continued)

1005904369

Address 2: Not reported
City,State,Zip: PINOLE, CA 94564
EPA ID: CAR000121822
Inactive Date: 06/30/2014
Create Date: 03/04/2003
Last Act Date: 10/30/2015
Mailing Name: Not reported
Mailing Address: 2650 ASHBOURNE DR
Mailing Address 2: Not reported
Mailing City,State,Zip: LAWRENCEBURG, GA 300436806
Owner Name: BARF INC
Owner Address: 2650 ASHBOURNE DR
Owner Address 2: Not reported
Owner City,State,Zip: LAWRENCEBURG, GA 300436806
Contact Name: RANDY MULLER
Contact Address: 2650 ASHBOURNE DRIVE
Contact Address 2: Not reported
City,State,Zip: LAWRENCEVILLE, GA 30043

NAICS:
EPA ID: CAR000121822
Create Date: 2004-02-05 07:43:56.000
NAICS Code: 551111
NAICS Description: Offices of Bank Holding Companies
Issued EPA ID Date: 2003-03-04 14:25:35.18700
Inactive Date: 2014-06-30 00:00:00
Facility Name: PINOLE VALLEY SHOPPING CENTER
Facility Address: 2714 PINOLE VALLEY RD
Facility Address 2: Not reported
Facility City: PINOLE
Facility County: Not reported
Facility State: CA
Facility Zip: 94564

E37
North
< 1/8
0.106 mi.
560 ft.

KEN BETTS PINOLE CHEVRON
2695 PINOLE VALLEY RD
PINOLE, CA 94564

UST U003784232
N/A

Site 1 of 12 in cluster E

Relative:
Lower
Actual:
51 ft.

UST:
Name: PINOLE CHEVRON
Address: 2695 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Facility ID: 07-000-762555
Permitting Agency: Contra Costa County Health Services Department
Latitude: 37.995846
Longitude: -122.285233

Name: KEN BETTS PINOLE CHEVRON
Address: 2695 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Facility ID: 762555
Permitting Agency: CONTRA COSTA COUNTY
Latitude: 37.9972125
Longitude: -122.2838391

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E38
 North
 < 1/8
 0.106 mi.
 560 ft.

BETTS KEN INC
2695 PINOLE VALLEY RD
PINOLE, CA 94564

EDR Hist Auto **1020253454**
 N/A

Relative: EDR Hist Auto
Lower

Actual:
 51 ft.

Year:	Name:	Type:
1989	KEN BETTS CHEVRON SERVICE CTR	Gasoline Service Stations
1991	KEN BETTS CHEVRON SERVICE CTR	Gasoline Service Stations
1992	KEN BETTS CHEVRON SERVICE CTR	Gasoline Service Stations
1993	KEN BETTS CHEVRON SERVICE CTR	Gasoline Service Stations
1994	KEN BETTS CHEVRON SERVICE CTR	Gasoline Service Stations
1995	KEN BETTS CHEVRON SERVICE CTR	Gasoline Service Stations
1996	KEN BETTS CHEVRON SERVICE CTR	Gasoline Service Stations
1997	BETTS KEN INC	Gasoline Service Stations
1998	BETTS KEN INC	Gasoline Service Stations
1999	BETTS KEN INC	Gasoline Service Stations
2000	BETTS KEN INC	Gasoline Service Stations
2001	BETTS KEN INC	Gasoline Service Stations
2002	BETTS KEN INC	Gasoline Service Stations
2003	BETTS KEN INC	Gasoline Service Stations
2004	BETTS KEN INC	Gasoline Service Stations

E39
 North
 < 1/8
 0.106 mi.
 560 ft.

CHEVRON STATION NO 94014
2695 PINOLE VALLEY RD
PINOLE, CA 94564

RCRA-SQG **1000434437**
LUST **CAD980638035**
CERS HAZ WASTE
SWEEPS UST
CERS TANKS
FINDS
Cortese
HIST CORTESE
CONTRA COSTA CO. SITE LIST
CERS

Relative:
Lower

Actual:
 51 ft.

RCRA-SQG:

Date Form Received by Agency:	2002-05-16 00:00:00.0
Handler Name:	CHEVRON STATION NO 94014
Handler Address:	2695 PINOLE VALLEY RD
Handler City,State,Zip:	PINOLE, CA 94564-1422
EPA ID:	CAD980638035
Contact Name:	KATHY NORRIS
Contact Address:	P O BOX 6004
Contact City,State,Zip:	SAN RAMON, CA 94583
Contact Telephone:	925-842-5931
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Owner Name:	CHEVRON PRODUCTS CO
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:37:42.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Manifest Broker: Not reported
Sub-Part P Indicator: Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON PRODUCTS CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 6004
Owner/Operator City,State,Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 925-842-5931
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2002-05-16 00:00:00.0
Handler Name: CHEVRON STATION NO 94014
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 4471
NAICS Description: GASOLINE STATIONS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST REG 2:

Region: 2
Facility Id: 07-0711
Facility Status: Pollution Characterization
Case Number: 62555
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 6/7/1996
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 8/1/1997
Preliminary Site Assessment Began: 11/1/1997
Pollution Characterization Began: 8/22/2001
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:

Name: CHEVRON
Address: 2695 PINOLE VALLEY RD
City, State, Zip: PINOLE, CA 94564
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300658
Global Id: T0601300658
Latitude: 37.995773
Longitude: -122.285056
Status: Completed - Case Closed
Status Date: 08/08/2006
Case Worker: MYM
RB Case Number: 07-0711
Local Agency: CONTRA COSTA COUNTY
File Location: Not reported
Local Case Number: 62555
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0601300658
Contact Type: Regional Board Caseworker
Contact Name: MARTIN MUSONGE
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: martin.musonge@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0601300658

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

LUST:

Global Id: T0601300658
Action Type: Other
Date: 12/21/1995
Action: Leak Reported

Global Id: T0601300658
Action Type: RESPONSE
Date: 01/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: ENFORCEMENT
Date: 08/22/2001
Action: * Historical Enforcement

Global Id: T0601300658
Action Type: ENFORCEMENT
Date: 07/01/2002
Action: Staff Letter

Global Id: T0601300658
Action Type: RESPONSE
Date: 10/29/2002
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: ENFORCEMENT
Date: 04/15/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Action: Site Visit / Inspection / Sampling

Global Id: T0601300658
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: ENFORCEMENT
Date: 06/24/2004
Action: Staff Letter

Global Id: T0601300658
Action Type: ENFORCEMENT
Date: 08/03/2006
Action: * No Action

Global Id: T0601300658
Action Type: Other
Date: 12/21/1995
Action: Leak Discovery

Global Id: T0601300658
Action Type: RESPONSE
Date: 07/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 10/10/2001
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 05/06/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 08/08/2002
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 02/05/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 10/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: ENFORCEMENT
Date: 02/21/2001
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Global Id: T0601300658
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300658
Action Type: REMEDIATION
Date: 08/10/2006
Action: Not reported

Global Id: T0601300658
Action Type: Other
Date: 01/18/1996
Action: Leak Stopped

Global Id: T0601300658
Action Type: RESPONSE
Date: 11/01/2004
Action: Well Installation Report

Global Id: T0601300658
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

LUST:

Global Id: T0601300658
Status: Open - Case Begin Date
Status Date: 12/21/1995

Global Id: T0601300658
Status: Open - Site Assessment
Status Date: 06/07/1996

Global Id: T0601300658
Status: Open - Site Assessment
Status Date: 08/01/1997

Global Id: T0601300658
Status: Open - Site Assessment
Status Date: 11/01/1997

Global Id: T0601300658
Status: Open - Site Assessment
Status Date: 08/22/2001

Global Id: T0601300658
Status: Completed - Case Closed
Status Date: 08/08/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

CERS HAZ WASTE:

Name: PINOLE CHEVRON
Address: 2695 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 57657
CERS ID: 10008067
CERS Description: Hazardous Waste Generator

SWEEPS UST:

Name: CHEVRON #4014
Address: 2695 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 62555
Number: 2
Board Of Equalization: 44-031913
Referral Date: 12-09-92
Action Date: 03-03-93
Created Date: 07-22-88
Owner Tank Id: 1
SWRCB Tank Id: 07-000-062555-000001
Tank Status: A
Capacity: 10000
Active Date: 12-09-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 5

Name: CHEVRON #4014
Address: 2695 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 62555
Number: 2
Board Of Equalization: 44-031913
Referral Date: 12-09-92
Action Date: 03-03-93
Created Date: 07-22-88
Owner Tank Id: 3
SWRCB Tank Id: 07-000-062555-000002
Tank Status: A
Capacity: 10000
Active Date: 12-09-92
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Name: CHEVRON #4014
Address: 2695 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 62555
Number: 2
Board Of Equalization: 44-031913

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Referral Date: 12-09-92
Action Date: 03-03-93
Created Date: 07-22-88
Owner Tank Id: 2
SWRCB Tank Id: 07-000-062555-000003
Tank Status: A
Capacity: 10000
Active Date: 12-09-92
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Name: CHEVRON #4014
Address: 2695 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 62555
Number: 2
Board Of Equalization: 44-031913
Referral Date: 12-09-92
Action Date: 03-03-93
Created Date: 07-22-88
Owner Tank Id: 5
SWRCB Tank Id: 07-000-062555-000004
Tank Status: A
Capacity: 1000
Active Date: 06-19-92
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Name: CHEVRON #4014
Address: 2695 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 62555
Number: 2
Board Of Equalization: 44-031913
Referral Date: 12-09-92
Action Date: 03-03-93
Created Date: 07-22-88
Owner Tank Id: 4
SWRCB Tank Id: 07-000-062555-000005
Tank Status: A
Capacity: 10000
Active Date: 12-09-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CERS TANKS:

Name: PINOLE CHEVRON
Address: 2695 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Site ID: 57657
CERS ID: 10008067
CERS Description: Underground Storage Tank

FINDS:

Registry ID: 110000786276

Click Here:

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: 110070521529

Click Here:

Environmental Interest/Information System:

AIR EMISSIONS CLASSIFICATION UNKNOWN

Registry ID: 110055729314

Click Here:

Environmental Interest/Information System:

STATE MASTER

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

CORTESE:

Name: CHEVRON
Address: 2695 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601300658
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

HIST CORTESE:

edr_fname: CHEVRON
edr_fadd1: 2695 PINOLE VALLEY
City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0711

CONTRA COSTA CO. SITE LIST:

Name: PINOLE CHEVRON
Address: 2695 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032514
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 762555

Name: PINOLE CHEVRON
Address: 2695 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032514
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 762555

Name: PINOLE CHEVRON
Address: 2695 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032514
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 762555

CERS:

Name: PINOLE CHEVRON
Address: 2695 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 57657
CERS ID: 10008067
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-14-2018
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Violation Notes: 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).
OBSERVATION: The designated operator employee training for all employees was not performed or documentation not available. The designated operator shall train facility employees for which he or she is responsible in the proper operation and maintenance of the UST system once every 12 months. The training shall include, but is not limited to: 1. Operation of the UST system in a manner consistent with the facility's best management practices 2. Employee's role with regard to monitoring equipment as specified in the facility's monitoring plan 3. Employee's role with regard to spills and overfills as specified in the facility's response plan 4. Name of the contact person(s) for emergencies and monitoring equipment alarms.
CORRECTIVE ACTION: Ensure that employees have been trained by the designated operator, maintain the list onsite, and submit a copy of the training records to the CUPA by 09/13/2018.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 06-26-2019
Citation: 23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)

Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.

Violation Notes: OBSERVATION: Owner/Operator did not maintain a list of employees trained by the DO, or for training that occurs on or after 10/1/18, failure to maintain a copy of the "Facility Employee Training Certificate". DO training records were not available for review during inspection. CORRECTIVE ACTION: Maintain list of employees trained by the DO and copies of "Facility Employee Training Certificate" for training that occurs on or after 10/1/18.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-27-2019
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)

Violation Description: "Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection. "

Violation Notes: Returned to compliance on 08/27/2019. OBSERVATION: The designated operator monthly inspection report for July 2019 were not found on site. Designated operator monthly inspection reports for the previous twelve months shall be retained on site. CORRECTIVE ACTION: Corrected today. Gettler-Ryan emailed CCHSHMP a copy of the 7/29/19 report and the associated Veeder Root tapes. Ensure that a copy of the July report is on site including all future monthly inspection reports.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-27-2019
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284

Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.

Violation Notes: OBSERVATION: A permit to operate the UST system has not been issued due to outstanding violations. No person may own or operate an UST unless a permit for its operation has been issued by the local agency to the owner or operator of the UST system. CORRECTIVE ACTION: Immediately correct the outstanding violations listed on this report and pay the necessary fees to obtain a permit to operate a UST system from the CCHSHMP.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 06-26-2019
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)

Violation Description: Failure to have an approved UST Monitoring Plan.

Violation Notes: Returned to compliance on 09/24/2019. OBSERVATION: Facility does not have an approved Monitoring Plan. UST Monitoring Plan submitted differs from the install equipment observed at the site during the inspection. Facility must revise the type of piping and the overfill prevention equipment listed. CORRECTIVE ACTION: Maintain an Approved Monitoring Plan.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 01-30-2020
Citation: 23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)

Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if

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CHEVRON STATION NO 94014 (Continued)

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approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.

Violation Notes: OBSERVATION: Owner/Operator did not maintain a list of employees trained by the DO, or for training that occurs on or after 10/1/18, failure to maintain a copy of the "Facility Employee Training Certificate". CORRECTIVE ACTION: Maintain list of employees trained by the DO and copies of "Facility Employee Training Certificate" for training that occurs on or after 10/1/18.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 06-26-2019
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: OBSERVATION: The business failed 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 including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Establish and electronically submit an employee training program containing provisions to ensure initial and annual training for all employees in safety procedures in the event of a release or threatened release of a hazardous material and document and maintain training records for a minimum of three years.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-27-2019
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 09/24/2019. OBSERVATION: UST tank information for all three (3) tanks (regular, supreme, and diesel) are not current in CERS. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Immediately update the required information in CERS as follows: - Uncheck "Ball Float" - These floats were removed in the last year. Overfill protection is being conducted by audible/visual alarms and fill tube shut-off valves as confirmed today during the inspection. - Check "Isolation" for Corrosion Protection. Submit to CERS for review by the CCHSHMP.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

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CHEVRON STATION NO 94014 (Continued)

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Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 03-27-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 06/25/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-20-2020
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: OBSERVATION: Uniform Hazardous Waste Manifests were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for the last three years and submit copies to Hazardous Materials Specialist Heller for review.
Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-17-2018
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 or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 08/27/2019. OBSERVATION: Owner/Operator did not maintain spill bucket which is liquid-tight, has a minimum capacity of five gallons, has a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, or is resistant to galvanic corrosion. CORRECTIVE ACTION: Install or repair spill bucket so that it is liquid-tight, has a minimum capacity of five gallons, has a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and is resistant to galvanic corrosion. Submit verification.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-20-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,

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CHEVRON STATION NO 94014 (Continued)

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Violation Description: Chapter 12, Section(s) 66262.34(f)
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: OBSERVATION: The 55 gallon drum of liquid hazardous waste located in the dumpster storage area was observed with a hazardous waste label so sun damaged as to be unreadable and not useful. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.

Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-20-2020
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)

Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

Violation Notes: OBSERVATION: Owner/Operator is a conditionally exempt small quantity generator and failed to send hazardous waste offsite for treatment, storage, or disposal upon accumulating the requisite amount of liquid waste. The 55 gallon drum is estimated to be about 80% full at the time of inspection and must be disposed. CORRECTIVE ACTION: Dispose of hazardous waste and provide documentation that the violation has been corrected (a copy of the uniform hazardous waste manifest or consolidated manifest).

Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 06-12-2013
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 06/12/2013.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-27-2019
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

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CHEVRON STATION NO 94014 (Continued)

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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 09/24/2019. OBSERVATION: Current/updated financial responsibility documents have not been submitted to CCHSHMP. Current financial responsibility documents are required to be submitted annually. CORRECTIVE ACTION: Complete and submit a copy of the Certificate of Financial Responsibility and Chief Financial Officer (CFO) Letter on CERS.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-27-2019
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple

Violation Description: UST Program -General - Must include violation description, proper statute and regulation citation in the "comment" section.

Violation Notes: OBSERVATION: Owner/operator has failed to sign acknowledgement of compliance issues and describe a description of actions to be taken to correct the issues discovered during the monthly D.O. inspection. VIOLATION: 23 CCR, section 2716(e) - Within 48 hours of being provided a signed copy of the "Designated Underground Storage Tank Operator Visual Inspection Report," the owner or operator shall provide a description of each corrective action taken or be taken. The description shall be provided on a copy of the "Designated Underground Storage Tank Operator Visual Inspection Report" signed by the designated UST operator and the owner or operator shall sign and date the report, acknowledging the identified compliance issues. CORRECTIVE ACTION: Owner/operator shall review the monthly D.O. report for compliance issues, describe corrective actions that need to be taken, if any, and sign the report within 48 hours of receipt of the D.O. inspection report. Please send a copy of a [Truncated]

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-14-2018
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: OBSERVATION: The business failed to document and maintain training records for a minimum of three years. No documentation for 2017. CORRECTIVE ACTION: Document and maintain training records for a minimum of three years.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON

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CHEVRON STATION NO 94014 (Continued)

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Violation Date: 09-17-2014
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 10/13/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 05-23-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 06/25/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-27-2019
Citation: 23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)
Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes: OBSERVATION: Owner/Operator did not maintain a list of employees trained by the D.O. CORRECTIVE ACTION: Schedule D.O. training for employees immediately and ensure that the training records is on the required "Facility Employee Training Certificate" form.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 07-13-2016
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 09/29/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-14-2018
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16,

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CHEVRON STATION NO 94014 (Continued)

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Violation Description: Section(s) 2637
Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician or a licensed tank tester.

Violation Notes: Returned to compliance on 10/04/2018. OBSERVATION: Owner/Operator did not test and pass the primary and secondary containment installation testing per manufacturers guidelines. CORRECTIVE ACTION: Test and pass the primary and secondary containment installation testing per manufacturers guidelines. Submit test results.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 08-27-2019
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)

Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 09/24/2019. OBSERVATION: Facility does not have an approved Monitoring Plan. During today's inspection, the following was verified : - The UDC sensors do not stop flow of product at the dispenser. - Leak sensor model for 87 tank annular is 407, not 409. These are details that are incorrect on CERS. CORRECTIVE ACTION: Correct the errors listed above and resubmit Monitoring Plan to CCHSHMP for review through CERS.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 07-01-2019
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284

Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Observation: As of September 6, 2019, the subject facility does not possess a current and valid CUPA Permit. Corrective Action: 1) Conduct tightness testing of secondary containment at least once every 36 months 1) Immediately Remit payment for all outstanding Certified Unified Program Agency permit fees to CCHS Finance Department (925) 957-5520. and/or 2) Immediately address and correct all outstanding Underground Storage Tank violations and/or any Class I violations in other CUPA programs. A list of outstanding violations is enclosed, if applicable.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 01-30-2020

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CHEVRON STATION NO 94014 (Continued)

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Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)

Violation Description: Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).

Violation Notes: OBSERVATION: Owner/Operator failed to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO). CORRECTIVE ACTION: Ensure that at least one employee is present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).

Violation Division: Contra Costa County Health Services Department

Violation Program: UST

Violation Source: CERS

Site ID: 57657

Site Name: PINOLE CHEVRON

Violation Date: 01-30-2020

Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)

Violation Description: "Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection. "

Violation Notes: OBSERVATION: Facility did not maintain copies of DO inspections completed before 10/1/18 for 12 months, or copies of those completed after 9/30/18 for 36 months. CORRECTIVE ACTION: Maintain copies of DO inspections for required time frames.

Violation Division: Contra Costa County Health Services Department

Violation Program: UST

Violation Source: CERS

Site ID: 57657

Site Name: PINOLE CHEVRON

Violation Date: 06-12-2013

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 07/08/2014.

Violation Division: Contra Costa County Health Services Department

Violation Program: UST

Violation Source: CERS

Site ID: 57657

Site Name: PINOLE CHEVRON

Violation Date: 04-01-2019

Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 04/25/2019. OBSERVATION: AS OF APRIL 1, 2019, A COMPLETE AND CORRECT CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) UNDERGROUND STORAGE TANK (UST) SUBMITTAL ELEMENT HAS NOT BEEN

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CHEVRON STATION NO 94014 (Continued)

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RECEIVED/ACCEPTED BY CCHSHMP. CORRECTIVE ACTION: IMMEDIATELY LOG ONTO CERS (<https://cers.calepa.ca.gov/>) AND SUBMIT A COMPLETE/CORRECT UST SUBMITTAL ELEMENT.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 04-14-2017
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 05/15/2017.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 01-30-2020
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)

Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC 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(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Notes: OBSERVATION: Facility did not comply with one or more of the following DO monthly inspection requirements: Performed by an ICC 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)(c). DO inspections conducted after 9/30/2018 must be every 30 days and in accordance with sections 2716(a)-(e). CORRECTIVE ACTION: Ensure that DO is complying with all the requirements noted above. Submit copy of compliant DO inspection record.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST

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CHEVRON STATION NO 94014 (Continued)

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Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 06-26-2019
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)

Violation Description: "Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection. "

Violation Notes: OBSERVATION: Facility did not maintain copies of DO inspections completed before 10/1/18 for 12 months, or copies of those completed after 9/30/18 for 36 months. DO inspection reports were not available for review during inspection. CORRECTIVE ACTION: Maintain copies of DO inspections for required time frames.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 12-08-2017
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 06/25/2018. OBSERVATION: Review of Certificate of Financial Responsibility shows \$500,000 instead of \$1 Million for petroleum marketers. CORRECTIVE ACTION: Revise Financial Responsibility document to reflect \$1 Million vs \$500,000. Upload revision to CERS.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 06-26-2019
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)

Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.

Violation Notes: OBSERVATION: The business failed to have the hazardous material business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training. CORRECTIVE ACTION: Provide a readily available business plan to personnel of the business or the unified program facility with responsibilities for emergency response or training. Document that appropriate personnel have the business plan readily available.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP

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EPA ID Number

CHEVRON STATION NO 94014 (Continued)

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Violation Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Violation Date: 12-08-2017
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 06/25/2018. OBSERVATION: UST tank information for all 3 tanks are not current in CERS. Currently the vent riser pipe is inputted as fiberglass and they are observed as steel for each tank. Also verify vent and vapor construction - fiberglass or steel? CORRECTIVE ACTION: Update the required information in CERS and submit for review by the CUPA.

Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 01-30-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Eval Date: 03-14-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-01-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-14-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-23-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2013
Violations Found: No
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-26-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-30-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-30-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-14-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-17-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-20-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Eval Date: 08-27-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-10-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-17-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-30-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-29-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-31-2014
Violations Found: No
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Enforcement Action:

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 01-30-2020
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 03-27-2018
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 04-01-2019
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 04-14-2017
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 05-23-2018
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 06-12-2013
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 06-26-2019
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 06-26-2019
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Enf Action Date: 07-13-2016
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 08-14-2018
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 08-14-2018
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 08-17-2018
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 08-20-2020
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: Contra Costa County Health Services Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Enf Action Program: HW
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 08-27-2019
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 09-10-2019
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 09-17-2014
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 57657
Site Name: PINOLE CHEVRON
Site Address: 2695 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 12-08-2017
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: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 57657

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Facility Name: PINOLE CHEVRON
Env Int Type Code: HWG
Program ID: 10008067
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.995842
Longitude: -122.285217

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco BlvdSuite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200

Affiliation Type Desc: Environmental Contact
Entity Name: CHANG PARK
Entity Title: Not reported
Affiliation Address: 2695 Pinole valley road
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94564
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Chang Park
Entity Title: Operator
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: Hoyatt
Entity Title: Not reported
Affiliation Address: 1710 Novato
Affiliation City: Novato
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94947
Affiliation Phone: (510) 223-8308

Affiliation Type Desc: UST Tank Owner
Entity Name: Bedrock oil
Entity Title: Not reported
Affiliation Address: 2695 Pinole valley road
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94564

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Affiliation Phone: (510) 223-8308
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2695 Pinole valley road
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94564
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Chang Park
Entity Title: Operator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 529-2298

Affiliation Type Desc: UST Tank Operator
Entity Name: CHANG PARK
Entity Title: Not reported
Affiliation Address: 2695 Pinole valley road
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94564
Affiliation Phone: (408) 529-2298

Affiliation Type Desc: Document Preparer
Entity Name: Chang Park
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: PINOLE CHEVRON
Entity Title: Not reported
Affiliation Address: 2695 Pinole valley road
Affiliation City: PINOLE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94564
Affiliation Phone: (510) 223-8308

Affiliation Type Desc: Operator
Entity Name: KIS Trade
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 94014 (Continued)

1000434437

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 529-2298

Affiliation Type Desc: Parent Corporation
Entity Name: PINOLE CHEVRON
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: CHEVRON
Address: 2695 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 190960
CERS ID: T0601300658
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: SUE LOYD - CONTRA COSTA COUNTY
Entity Title: Not reported
Affiliation Address: 4333 PACHECO BLVD.
Affiliation City: MARTINEZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MARTIN MUSONGE - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

E40
North
< 1/8
0.106 mi.
560 ft.

CHEVRON 94014
2695 PINOLE VALLEY RD
PINOLE, CA 94564
Site 4 of 12 in cluster E

HIST UST **S113180257**
HAZNET **N/A**
HWTS

Relative:
Lower
Actual:
51 ft.

HIST UST:
Name: 96014
Address: 2695 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
File Number: 0002290D
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002290D.pdf>
Region: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 94014 (Continued)

S113180257

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: CHEVRON 94014
Address: 2695 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 945640000
Contact: KATHY NORRIS
Telephone: 9258425931
Mailing Name: Not reported
Mailing Address: PO BOX 6004

Year: 1998
Gepaid: CAT080033301
TSD EPA ID: CAD009452657
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 5.2333

Year: 1998
Gepaid: CAT080033301
TSD EPA ID: CAD009452657
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: -
Tons: 2.3018

Year: 1997
Gepaid: CAT080033301
TSD EPA ID: CAD009452657
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 1.1676

Additional Info:

Year: 1998
Gen EPA ID: CAT080033301

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 94014 (Continued)

S113180257

Shipment Date: 19981110
Creation Date: 1/5/1999 0:00:00
Receipt Date: 19981112
Manifest ID: 98083543
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.0083
Waste Quantity: 2
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981030
Creation Date: 12/10/1998 0:00:00
Receipt Date: 19981102
Manifest ID: 96634067
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980226
Creation Date: 4/16/1998 0:00:00
Receipt Date: 19980227
Manifest ID: 96634577
Trans EPA ID: CAD009466392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 94014 (Continued)

S113180257

Trans Name: Not reported
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
RCRA Code: D018
Meth Code: R01 - Recycler
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980205
Creation Date: 4/16/1998 0:00:00
Receipt Date: 19980209
Manifest ID: 96634443
Trans EPA ID: CAD009466392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: Not reported
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
RCRA Code: D018
Meth Code: R01 - Recycler
Quantity Tons: 5.004
Waste Quantity: 1200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1997
Gen EPA ID: CAT080033301

Shipment Date: 19971229
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19980102
Manifest ID: 96631366
Trans EPA ID: CAD009466392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: Not reported
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
RCRA Code: D018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 94014 (Continued)

S113180257

Meth Code: R01 - Recycler
Quantity Tons: 1.1676
Waste Quantity: 280
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CHEVRON 94014
Address: 2695 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 945640000
EPA ID: CAT080033301
Inactive Date: 06/30/2003
Create Date: 07/23/1982
Last Act Date: 02/08/2005
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN RAMON, CA 945830000
Owner Name: CHERVON PRODUCTS CO
Owner Address: PO BOX 6004
Owner Address 2: Not reported
Owner City,State,Zip: SAN RAMON, CA 945830000
Contact Name: KATHY NORRIS
Contact Address: PO BOX 6004
Contact Address 2: Not reported
City,State,Zip: SAN RAMON, CA 945830000

NAICS:

EPA ID: CAT080033301
Create Date: 2002-03-14 16:36:30.000
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: 2003-06-30 00:00:00
Facility Name: CHEVRON 94014
Facility Address: 2695 PINOLE VALLEY RD
Facility Address 2: Not reported
Facility City: PINOLE
Facility County: Not reported
Facility State: CA
Facility Zip: 945640000

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

E41
North
< 1/8
0.106 mi.
560 ft.

94014
2695 PINOLE VALLEY RD
PINOLE, CA 94564
Site 5 of 12 in cluster E

HIST UST **U001597865**
N/A

Relative:
Lower
Actual:
51 ft.

HIST UST:

Name: 94014
 Address: 2695 PINOLE VALLEY RD
 City,State,Zip: PINOLE, CA 94564
 File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000062555
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: BETTS, KENNETH INC
 Telephone: 4157589970
 Owner Name: CHEVRON U.S.A. INC.
 Owner Address: 575 MARKET
 Owner City,St,Zip: SAN FRANCISCO, CA 94105
 Total Tanks: 0004

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000250
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000250
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000250
 Leak Detection: Stock Inventor

Tank Num: 004
 Container Num: 4
 Year Installed: Not reported
 Tank Capacity: 00001000
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Container Construction Thickness: 0000250
 Leak Detection: Stock Inventor

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E42
North
< 1/8
0.106 mi.
560 ft.

94014
2695 PINOLE VALLEY RD
PINOLE, CA 94564

RCRA-LQG **1007200824**
CAT080033301

Site 6 of 12 in cluster E

Relative:
Lower

RCRA-LQG:

Actual:
51 ft.

Date Form Received by Agency:	1999-03-04 00:00:00.0
Handler Name:	94014
Handler Address:	2695 PINOLE VALLEY RD
Handler City,State,Zip:	PINOLE, CA 94564
EPA ID:	CAT080033301
Contact Name:	KATHY NORRIS
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	510-842-5931
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not reported
Non-Notifier:	Not reported
Biennial Report Cycle:	1997
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583-0904
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	Not reported
Importer Activity:	Not reported
Mixed Waste Generator:	Not reported
Transporter Activity:	Not reported
Transfer Facility Activity:	Not reported
Recycler Activity with Storage:	Not reported
Small Quantity On-Site Burner Exemption:	Not reported
Smelting Melting and Refining Furnace Exemption:	Not reported
Underground Injection Control:	Not reported
Off-Site Waste Receipt:	Not reported
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

94014 (Continued)

1007200824

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-09-16 00:00:00.0
Recognized Trader-Importer:	Not reported
Recognized Trader-Exporter:	Not reported
Importer of Spent Lead Acid Batteries:	Not reported
Exporter of Spent Lead Acid Batteries:	Not reported
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Historic Generators:

Receive Date:	1999-03-04 00:00:00.0
Handler Name:	94014
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	4471
NAICS Description:	GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON # 94014 / KIS TRADE (Continued)

1024823573

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:31:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHANG PARK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2695 PINOLE VALLEY RD
Owner/Operator City,State,Zip:	PINOLE, CA 94564
Owner/Operator Telephone:	408-529-2298
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIS TRADE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2695 PINOLE VALLEY RD
Owner/Operator City,State,Zip:	PINOLE, CA 94564-0000
Owner/Operator Telephone:	408-529-2298
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON # 94014 / KIS TRADE (Continued)

1024823573

Historic Generators:

Receive Date: 2009-07-07 00:00:00.0
Handler Name: CHEVRON # 94014 / KIS TRADE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

D44
SE
< 1/8
0.106 mi.
561 ft.

TODD AND STEPHANIE DAILEY
2901 ESTATES AVE
PINOLE, CA 94564

RCRA NonGen / NLR

1024757567
CAC002977406

Site 3 of 3 in cluster D

Relative:
Higher
Actual:
76 ft.

RCRA NonGen / NLR:

Date Form Received by Agency: 2018-08-24 00:00:00.0
Handler Name: TODD AND STEPHANIE DAILEY
Handler Address: 2901 ESTATES AVE
Handler City,State,Zip: PINOLE, CA 94564
EPA ID: CAC002977406
Contact Name: TODD AND STEPHANIE DAILEY
Contact Address: 2901 ESTATES AVE
Contact City,State,Zip: PINOLE, CA 94564
Contact Telephone: 707-333-5352
Contact Fax: Not reported
Contact Email: CYNTHIAV@PWSEI.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2901 ESTATES AVE
Mailing City,State,Zip: PINOLE, CA 94564
Owner Name: TODD AND STEPHANIE DAILEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TODD AND STEPHANIE DAILEY (Continued)

1024757567

Owner Type:	Other
Operator Name:	TODD AND STEPHANIE DAILEY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:39:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TODD AND STEPHANIE DAILEY (Continued)

1024757567

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: TODD AND STEPHANIE DAILEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2901 ESTATES AVE
Owner/Operator City,State,Zip: PINOLE, CA 94564
Owner/Operator Telephone: 707-333-5352
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TODD AND STEPHANIE DAILEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2901 ESTATES AVE
Owner/Operator City,State,Zip: PINOLE, CA 94564
Owner/Operator Telephone: 707-333-5352
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2018-08-24 00:00:00.0
Handler Name: TODD AND STEPHANIE DAILEY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

C45
NNW
< 1/8
0.108 mi.
570 ft.

PINOLE VALLEY SHOPPINT CENTER
2700 PINOLE VALLEY RD
PINOLE, CA

CPS-SLIC **S101641601**
N/A

Site 15 of 15 in cluster C

Relative:
Lower

SLIC REG 2:

Actual:
37 ft.

Region: 2
Facility ID: SLT2O205308
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

E46
NNW
< 1/8
0.124 mi.
654 ft.

PINOLE VALLEY SHELL SERVICE
2690 PINOLE VLY RD
PINOLE, CA 94564

EDR Hist Auto **1021904795**
N/A

Site 8 of 12 in cluster E

Relative:
Lower

EDR Hist Auto

Actual:
37 ft.

Year:	Name:	Type:
1969	PINOLE VALLEY SHELL SERVICE	Gasoline Service Stations
1970	PINOLE VALLEY SHELL SERVICE	Gasoline Service Stations
1971	PINOLE VALLEY SHELL SERVICE	Gasoline Service Stations
1972	PINOLE VALLEY SHELL SERVICE	Gasoline Service Stations
1973	PINOLE VALLEY SHELL SERVICE	Gasoline Service Stations
1982	STEG-MAG*	Gasoline Service Stations
1983	STEG-MAG*	Gasoline Service Stations
1985	STEG-MAG INC	Gasoline Service Stations
1986	STEG-MAG INC	Gasoline Service Stations
1987	STEG-MAG INC	Gasoline Service Stations
1988	STEG-MAG INC	Gasoline Service Stations
1989	STEG-MAC INC	Gasoline Service Stations
1990	STEG-MAC INC	Gasoline Service Stations
1991	STEG-MAC INC	Gasoline Service Stations
1992	STEG-MAC INC	Gasoline Service Stations
1993	STEG-MAC INC	Gasoline Service Stations
1994	STEG-MAC INC	Gasoline Service Stations
1994	PINOLE VALLEY SHELL	General Automotive Repair Shops
1995	PINOLE VALLEY SHELL	General Automotive Repair Shops
1995	STEG MAC INC	Gasoline Service Stations
1996	STEG MAC INC	Gasoline Service Stations
1996	PINOLE VALLEY SHELL	General Automotive Repair Shops
1997	STEG MAC INC	Gasoline Service Stations
1997	PINOLE VALLEY SHELL	General Automotive Repair Shops
1998	STEG MAC INC	Gasoline Service Stations
1998	PINOLE VALLEY SHELL	General Automotive Repair Shops
1999	PINOLE VALLEY SHELL	General Automotive Repair Shops
2000	PINOLE VALLEY SHELL	General Automotive Repair Shops

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE VALLEY SHELL SERVICE (Continued)

1021904795

2001	PINOLE VALLEY SHELL	General Automotive Repair Shops
2002	PINOLE VALLEY SHELL	General Automotive Repair Shops
2003	PINOLE VALLEY SHELL	General Automotive Repair Shops

E47
NNW
 < 1/8
 0.124 mi.
 654 ft.

SHELL OIL CO
2690 PINOLE VALLEY RD
PINOLE, CA 94564

RCRA NonGen / NLR

1000288620
CAD981401839

Site 9 of 12 in cluster E

Relative:
Lower
Actual:
37 ft.

RCRA NonGen / NLR:		
Date Form Received by Agency:		2018-12-17 00:00:00.0
Handler Name:	SHELL OIL CO	
Handler Address:		2690 PINOLE VALLEY RD
Handler City,State,Zip:		PINOLE, CA 94564
EPA ID:		CAD981401839
Contact Name:		SONDRA BIENVENU
Contact Address:		P O BOX 4453
Contact City,State,Zip:		HOUSTON, TX 77210-4453
Contact Telephone:		713-241-2258
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		X
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		P O BOX 4453
Mailing City,State,Zip:		HOUSTON, TX 77210-4453
Owner Name:		EQUILON ENTERPRISES LLC
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000288620

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-01-04 16:48:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000288620

Owner/Operator Indicator: Owner
Owner/Operator Name: EQUILON ENTERPRISES LLC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 4453
Owner/Operator City,State,Zip: HOUSTON, TX 77210-4453
Owner/Operator Telephone: 713-241-2258
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EQUILON ENTERPRISES LLC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 4453
Owner/Operator City,State,Zip: HOUSTON, TX 77210-4453
Owner/Operator Telephone: 713-241-2258
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2018-12-17 00:00:00.0
Handler Name: SHELL OIL CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 1998-04-08 00:00:00.0
Handler Name: SHELL OIL CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SHELL OIL CO (Continued)

1000288620

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
List of NAICS Codes and Descriptions:	
NAICS Codes:	No NAICS Codes Found
Facility Has Received Notices of Violations:	
Violations:	No Violations Found
Evaluation Action Summary:	
Evaluations:	No Evaluations Found

**E48
 NNW
 < 1/8
 0.124 mi.
 654 ft.**

**PINOLE CLAUEY SHELL SERVICE
 2690 PINOLE VALLEY RD
 PINOLE, CA 94564**

**SWEEPS UST U001597874
 HIST UST N/A**

Site 10 of 12 in cluster E

**Relative:
 Lower
 Actual:
 37 ft.**

SWEEPS UST:

Name:	PINOLE VALLEY SHELL
Address:	2690 PINOLE VALLEY RD
City:	PINOLE
Status:	Active
Comp Number:	30067
Number:	1
Board Of Equalization:	44-000074
Referral Date:	06-10-93
Action Date:	06-10-93
Created Date:	07-22-88
Owner Tank Id:	6054-0105-SRU1
SWRCB Tank Id:	07-000-030067-000001
Tank Status:	A
Capacity:	10000
Active Date:	03-02-93
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4
Name:	PINOLE VALLEY SHELL
Address:	2690 PINOLE VALLEY RD
City:	PINOLE
Status:	Active
Comp Number:	30067
Number:	1
Board Of Equalization:	44-000074
Referral Date:	06-10-93
Action Date:	06-10-93
Created Date:	07-22-88
Owner Tank Id:	6054-0105-RU-1
SWRCB Tank Id:	07-000-030067-000002
Tank Status:	A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLAUUEY SHELL SERVICE (Continued)

U001597874

Capacity: 10000
Active Date: 03-02-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: PINOLE VALLEY SHELL
Address: 2690 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 30067
Number: 1
Board Of Equalization: 44-000074
Referral Date: 06-10-93
Action Date: 06-10-93
Created Date: 07-22-88
Owner Tank Id: 6054-0105-SU-1
SWRCB Tank Id: 07-000-030067-000003
Tank Status: A
Capacity: 10000
Active Date: 03-02-93
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Name: PINOLE VALLEY SHELL
Address: 2690 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 30067
Number: 1
Board Of Equalization: 44-000074
Referral Date: 06-10-93
Action Date: 06-10-93
Created Date: 07-22-88
Owner Tank Id: 6054-0105-WO-1
SWRCB Tank Id: 07-000-030067-000004
Tank Status: A
Capacity: 550
Active Date: 03-02-93
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Name: PINOLE VALLEY SHELL
Address: 2690 PINOLE VALLEY RD
City: PINOLE
Status: Not reported
Comp Number: 30067
Number: Not reported
Board Of Equalization: 44-000074
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE CLAUEY SHELL SERVICE (Continued)

U001597874

Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-030067-000005
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 1

HIST UST:

Name: PINOLE CLAUEY SHELL SERVICE
Address: 2690 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
File Number: 00022F27
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022F27.pdf>
Region: STATE
Facility ID: 00000030067
Facility Type: Gas Station
Other Type: Not reported
Contact Name: RANDY STEGMAN
Telephone: 4157994466
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City,St,Zip: ANAHEIM, CA 92803
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, 10

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E49
NNW
< 1/8
0.124 mi.
654 ft.

SHELL
2690 PINOLE VALLEY RD
PINOLE, CA 94564
Site 11 of 12 in cluster E

LUST S103963109
Cortese N/A
HIST CORTESE
CONTRA COSTA CO. SITE LIST
CERS

Relative:
Lower
Actual:
37 ft.

LUST REG 2:
Region: 2
Facility Id: 07-0277
Facility Status: Case Closed
Case Number: 30067
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: 9/30/1989
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:

Name: SHELL
Address: 2690 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300258
Global Id: T0601300258
Latitude: 37.9954147
Longitude: -122.2857046
Status: Completed - Case Closed
Status Date: 12/20/1995
Case Worker: Not reported
RB Case Number: 07-0277
Local Agency: CONTRA COSTA COUNTY
File Location: Not reported
Local Case Number: 30067
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0601300258
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

LUST:

Global Id: T0601300258
Action Type: Other
Date: 12/12/1986
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

S103963109

Global Id:	T0601300258
Action Type:	RESPONSE
Date:	03/25/2002
Action:	Other Report / Document
Global Id:	T0601300258
Action Type:	RESPONSE
Date:	10/04/2004
Action:	Other Report / Document
Global Id:	T0601300258
Action Type:	ENFORCEMENT
Date:	10/22/2004
Action:	Staff Letter
Global Id:	T0601300258
Action Type:	Other
Date:	12/12/1986
Action:	Leak Discovery
Global Id:	T0601300258
Action Type:	RESPONSE
Date:	12/20/1995
Action:	Other Report / Document
Global Id:	T0601300258
Action Type:	RESPONSE
Date:	10/09/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0601300258
Action Type:	RESPONSE
Date:	10/30/2019
Action:	Other Report / Document
Global Id:	T0601300258
Action Type:	RESPONSE
Date:	06/14/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0601300258
Action Type:	RESPONSE
Date:	06/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0601300258
Action Type:	RESPONSE
Date:	07/10/2003
Action:	Other Report / Document
Global Id:	T0601300258
Action Type:	RESPONSE
Date:	07/10/2003
Action:	Other Report / Document
Global Id:	T0601300258
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

S103963109

Date: 07/10/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300258
Action Type: Other
Date: 12/12/1986
Action: Leak Stopped

Global Id: T0601300258
Action Type: RESPONSE
Date: 10/31/2004
Action: Monitoring Report - Quarterly

LUST:

Global Id: T0601300258
Status: Open - Case Begin Date
Status Date: 12/12/1986

Global Id: T0601300258
Status: Open - Site Assessment
Status Date: 09/30/1989

Global Id: T0601300258
Status: Completed - Case Closed
Status Date: 12/20/1995

CORTESE:

Name: SHELL
Address: 2690 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601300258
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
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: SHELL
edr_fadd1: 2690 PINOLE VALLEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

S103963109

City,State,Zip: PINOLE, CA
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0277

CONTRA COSTA CO. SITE LIST:

Name: PINOLE VALLEY SHELL
Address: 2690 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032033
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP GENERAL
Region: CONTRA COSTA
Cupa Number: 730067

Name: PINOLE VALLEY SHELL
Address: 2690 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032033
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: REPORTED ZERO
Region: CONTRA COSTA
Cupa Number: 730067

Name: PINOLE VALLEY SHELL
Address: 2690 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0032033
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 730067

CERS:

Name: SHELL
Address: 2690 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 206841
CERS ID: T0601300258
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SUE LOYD - CONTRA COSTA COUNTY
Entity Title: Not reported
Affiliation Address: 4333 PACHECO BLVD.
Affiliation City: MARTINEZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E50
North
1/8-1/4
0.135 mi.
713 ft.

JACK IN THE BOX
2689 PINOLE VALLEY RD
PINOLE, CA 94564

CONTRA COSTA CO. SITE LIST
CERS

S118648322
N/A

Site 12 of 12 in cluster E

Relative:
Lower
Actual:
49 ft.

CONTRA COSTA CO. SITE LIST:

Name: JACK IN THE BOX
Address: 2689 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0037815
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: LESS THAN 1000 LBS
Region: CONTRA COSTA
Cupa Number: 775247

Name: JACK IN THE BOX
Address: 2689 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0037815
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP GENERAL
Region: CONTRA COSTA
Cupa Number: 775247

CERS:

Name: JACK IN THE BOX #0436
Address: 2689 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 555324
CERS ID: 10657996
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 555324
Site Name: Jack in the Box #0436
Violation Date: 11-21-2019
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 a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Not reported
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 555324
Site Name: Jack in the Box #0436
Violation Date: 08-11-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 08/29/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK IN THE BOX (Continued)

S118648322

Site ID: 555324
Site Name: Jack in the Box #0436
Violation Date: 03-27-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/06/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 555324
Site Name: Jack in the Box #0436
Violation Date: 08-11-2016
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 09/12/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK IN THE BOX (Continued)

S118648322

Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 555324
Site Name: Jack in the Box #0436
Site Address: 2689 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 03-27-2018
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 555324
Site Name: Jack in the Box #0436
Site Address: 2689 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 08-11-2016
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 555324
Site Name: Jack in the Box #0436
Site Address: 2689 PINOLE VALLEY RD
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 11-21-2019
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 555324
Facility Name: Jack in the Box #0436
Env Int Type Code: HMBP
Program ID: 10657996
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.996280
Longitude: -122.285030

Affiliation:
Affiliation Type Desc: Environmental Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK IN THE BOX (Continued)

S118648322

Entity Name: Brad La Cross
Entity Title: Not reported
Affiliation Address: 9330 Balboa Ave
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92123
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Brad La Cross
Entity Title: Restaurant Safety Manager
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: Jack In The Box, 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: (858) 571-2450

Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco Blvd Suite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200

Affiliation Type Desc: Legal Owner
Entity Name: Jack In The Box, Inc.
Entity Title: Not reported
Affiliation Address: 9330 Balboa Ave
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92123
Affiliation Phone: (858) 571-2450

Affiliation Type Desc: Parent Corporation
Entity Name: Jack In The Box, 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JACK IN THE BOX (Continued)

S118648322

Affiliation Phone:	Not reported
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:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9330 Balboa Ave
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92123
Affiliation Phone:	Not reported

F51
South
1/8-1/4
0.163 mi.
859 ft.

UNION OIL SS 4754
2995 PINOLE VALLEY ROAD
PINOLE, CA 94564

HIST UST **S113129487**
HAZNET **N/A**
HWTS

Site 1 of 11 in cluster F

Relative:
Lower
Actual:
52 ft.

HIST UST:	
Name:	UNION OIL SS 4754
Address:	2995 PINOLE VALLEY ROAD
City,State,Zip:	PINOLE, CA 94564
File Number:	000230B7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000230B7.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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS 4754 (Continued)

S113129487

HAZNET:

Name: CONOCO PHILLIPS # 254754
Address: 2995 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 94564
Contact: Tom G. Martin
Telephone: 8324863344
Mailing Name: Not reported
Mailing Address: 600 N DAIRY ASHFORD - US MARKETING

Year: 2005
Gepaid: CAL000277058
TSD EPA ID: CAD009466392
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: -
Tons: 5.375

Year: 2005
Gepaid: CAL000277058
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: 8.0052

Year: 2005
Gepaid: CAL000277058
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 1.045

Additional Info:

Year: 2005
Gen EPA ID: CAL000277058

Shipment Date: 20050908
Creation Date: 11/16/2005 18:35:03
Receipt Date: Not reported
Manifest ID: 24171943
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD009466392
Trans Name: ECOLOGY CONTROL INDUSTRIES
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 2.5
Waste Quantity: 5000
Quantity Unit: P
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS 4754 (Continued)

S113129487

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050908
Creation Date: 4/13/2006 18:47:49
Receipt Date: 20050908
Manifest ID: 23803375
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980887418
Trans Name: EVERGREEN OIL INC
TSDf Alt EPA ID: CAD980887418
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.045
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050908
Creation Date: 11/16/2005 18:35:03
Receipt Date: Not reported
Manifest ID: 24171962
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009466392
Trans Name: ECOLOGY CONTROL INDUSTRIES
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 2.875
Waste Quantity: 5750
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050907
Creation Date: 1/17/2006 18:31:26
Receipt Date: 20050908
Manifest ID: 24329675

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS 4754 (Continued)

S113129487

Trans EPA ID: CAR000152758
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 8.0052
Waste Quantity: 1906
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CONOCO PHILLIPS # 254754
Address: 2995 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 94564
EPA ID: CAL000277058
Inactive Date: 04/28/2010
Create Date: 12/10/2003
Last Act Date: 10/21/2010
Mailing Name: Not reported
Mailing Address: 600 N DAIRY ASHFORD - US MARKETING
Mailing Address 2: Not reported
Mailing City,State,Zip: HOUSTON, TX 770790000
Owner Name: CONOCO PHILLIPS INC
Owner Address: 600 N DAIRY ASHFORD
Owner Address 2: Not reported
Owner City,State,Zip: HOUSTON, TX 770790000
Contact Name: Tom G. Martin
Contact Address: 600 N DAIRY ASHFORD US MARKETING -
Contact Address 2: Not reported
City,State,Zip: HOUSTON, TX 770790000

NAICS:

EPA ID: CAL000277058
Create Date: 2003-12-10 12:55:13.320
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2003-12-10 12:55:13.32000
Inactive Date: 2010-04-28 00:00:00
Facility Name: CONOCO PHILLIPS # 254754
Facility Address: 2995 PINOLE VALLEY RD
Facility Address 2: Not reported
Facility City: PINOLE
Facility County: Not reported
Facility State: CA
Facility Zip: 94564

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

F52
South
1/8-1/4
0.163 mi.
859 ft.
UNION OIL SS# 4754
2995 PINOLE VALLEY RD
PINOLE, CA 94564
Site 2 of 11 in cluster F

HIST UST **U001597879**
N/A

Relative:
Lower
Actual:
52 ft.

HIST UST:
Name: UNION OIL SS# 4754
Address: 2995 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000007102
Facility Type: Gas Station
Other Type: Not reported
Contact Name: OSMAN, INC.
Telephone: 4157582580
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0003

Tank Num: 001
Container Num: 4754-1-1
Year Installed: 1983
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 4754-2-1
Year Installed: 1983
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 4754-4-1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F53
South
1/8-1/4
0.163 mi.
859 ft.

UNION #4754
2995 PINOLE VALLEY RD
PINOLE, CA 94564

Site 3 of 11 in cluster F

UST **U003942574**
 N/A

Relative: UST:
Lower Name: UNION #4754
 Address: 2995 PINOLE VALLEY RD
Actual: City,State,Zip: PINOLE, CA 94564
52 ft. Facility ID: 707102
 Permitting Agency: CONTRA COSTA COUNTY
 Latitude: 37.9924739
 Longitude: -122.28353

F54
South
1/8-1/4
0.163 mi.
859 ft.

CONOCOPHILLIPS SITE #254754
2995 PINOLE VALLEY RD
PINOLE, CA 94564

Site 4 of 11 in cluster F

RCRA-SQG **1010313283**
CAL000277058

Relative: RCRA-SQG:
Lower Date Form Received by Agency: 2006-03-31 00:00:00.0
Actual: Handler Name: CONOCOPHILLIPS SITE #254754
52 ft. Handler Address: 2995 PINOLE VALLEY RD
 Handler City,State,Zip: PINOLE, CA 94564
 EPA ID: CAL000277058
 Contact Name: JULIE LEE
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: 510-245-5218
 Contact Fax: Not reported
 Contact Email: JULIE.LEE@CONOCOPHILLIPS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 1380 SAN PABLO AVE
 Mailing City,State,Zip: RODEO, CA 94572
 Owner Name: CONOCOPHILLIPS
 Owner Type: Private
 Operator Name: CONOCOPHILLIPS
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONOCOPHILLIPS SITE #254754 (Continued)

1010313283

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2007-03-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONOCOPHILLIPS SITE #254754 (Continued)

1010313283

Owner/Operator Name: CONOCOPHILLIPS
Legal Status: Private
Date Became Current: 2001-09-14 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 600 N DAIRY ASFORD, TR1032B
Owner/Operator City,State,Zip: HOUSTON, TX 77079
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONOCOPHILLIPS
Legal Status: Private
Date Became Current: 2001-09-14 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONOCOPHILLIPS
Legal Status: Private
Date Became Current: 2001-09-14 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 600 N DAIRY ASFORD, TR1032B
Owner/Operator City,State,Zip: HOUSTON, TX 77079
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONOCOPHILLIPS
Legal Status: Private
Date Became Current: 2001-09-14 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2006-03-31 00:00:00.0
Handler Name: CONOCOPHILLIPS SITE #254754
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONOCOPHILLIPS SITE #254754 (Continued)

1010313283

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-03-31 00:00:00.0
Handler Name: CONOCOPHILLIPS SITE #254754
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

F55
South
1/8-1/4
0.163 mi.
859 ft.

UNION OIL SS4754
2995 PINOLE VALLEY RD
PINOLE, CA 94564
Site 5 of 11 in cluster F

HIST UST **U001597880**
N/A

Relative:
Lower
Actual:
52 ft.

HIST UST:
Name: UNION OIL SS4754
Address: 2995 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
File Number: 0002307E
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002307E.pdf>
Region: STATE
Facility ID: 00000059258
Facility Type: Gas Station
Other Type: Not reported
Contact Name: OSMAN, INC.
Telephone: 4157582580
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST., SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0001

Tank Num: 001
Container Num: 4754-10-1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS4754 (Continued)

U001597880

Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

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

F56
South
1/8-1/4
0.163 mi.
859 ft.

TOSCO - FACILITY #4754
2995 PINOLE VALLEY RD
PINOLE, CA 94564

Site 6 of 11 in cluster F

LUST **S101306980**
SWEEPS UST **N/A**
Cortese
HIST CORTESE
CONTRA COSTA CO. SITE LIST
CERS

Relative:
Lower

Actual:
52 ft.

LUST REG 2:
Region: 2
Facility Id: 07-0365
Facility Status: Preliminary site assessment underway
Case Number: 07102
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 6/6/1988
Preliminary Site Assesment Began: 6/23/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:
Name: TOSCO - FACILITY #4754
Address: 2995 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300340
Global Id: T0601300340
Latitude: 37.991954
Longitude: -122.284553
Status: Completed - Case Closed
Status Date: 08/30/2007
Case Worker: MYM
RB Case Number: 07-0365
Local Agency: CONTRA COSTA COUNTY
File Location: Not reported
Local Case Number: 07102
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0601300340
Contact Type: Regional Board Caseworker
Contact Name: MARTIN MUSONGE
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - FACILITY #4754 (Continued)

S101306980

Email: martin.musonge@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0601300340
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

LUST:

Global Id: T0601300340
Action Type: Other
Date: 03/29/1988
Action: Leak Reported

Global Id: T0601300340
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300340
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300340
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300340
Action Type: ENFORCEMENT
Date: 07/01/2002
Action: Staff Letter

Global Id: T0601300340
Action Type: ENFORCEMENT
Date: 12/03/2001
Action: Staff Letter

Global Id: T0601300340
Action Type: ENFORCEMENT
Date: 04/29/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0601300340
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0601300340
Action Type: ENFORCEMENT
Date: 08/13/2006
Action: * No Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - FACILITY #4754 (Continued)

S101306980

Global Id: T0601300340
Action Type: Other
Date: 03/25/1988
Action: Leak Discovery

Global Id: T0601300340
Action Type: RESPONSE
Date: 05/06/2003
Action: Monitoring Report - Quarterly

Global Id: T0601300340
Action Type: RESPONSE
Date: 11/24/2003
Action: Other Report / Document

Global Id: T0601300340
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0601300340
Action Type: Other
Date: 08/31/1993
Action: Leak Stopped

LUST:

Global Id: T0601300340
Status: Open - Case Begin Date
Status Date: 10/09/1987

Global Id: T0601300340
Status: Open - Site Assessment
Status Date: 06/06/1988

Global Id: T0601300340
Status: Open - Site Assessment
Status Date: 06/23/1989

Global Id: T0601300340
Status: Completed - Case Closed
Status Date: 08/30/2007

SWEEPS UST:

Name: UNOCAL SERVICE STATION #4754
Address: 2995 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 7102
Number: 2
Board Of Equalization: 44-000051
Referral Date: 07-09-93
Action Date: 04-13-94
Created Date: 07-22-88
Owner Tank Id: 4754-RU-1
SWRCB Tank Id: 07-000-007102-000001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - FACILITY #4754 (Continued)

S101306980

Tank Status: A
Capacity: 12000
Active Date: 12-03-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: UNOCAL SERVICE STATION #4754
Address: 2995 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 7102
Number: 2
Board Of Equalization: 44-000051
Referral Date: 07-09-93
Action Date: 04-13-94
Created Date: 07-22-88
Owner Tank Id: 4754-SU-1
SWRCB Tank Id: 07-000-007102-000002
Tank Status: A
Capacity: 12000
Active Date: 12-03-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: UNOCAL SERVICE STATION #4754
Address: 2995 PINOLE VALLEY RD
City: PINOLE
Status: Active
Comp Number: 7102
Number: 2
Board Of Equalization: 44-000051
Referral Date: 07-09-93
Action Date: 04-13-94
Created Date: 07-22-88
Owner Tank Id: 4751-2-A
SWRCB Tank Id: 07-000-007102-000004
Tank Status: A
Capacity: 520
Active Date: 07-09-93
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Name: UNOCAL SERVICE STATION #4754
Address: 2995 PINOLE VALLEY RD
City: PINOLE
Status: Not reported
Comp Number: 7102
Number: Not reported
Board Of Equalization: 44-000051
Referral Date: Not reported
Action Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - FACILITY #4754 (Continued)

S101306980

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-007102-000003
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 1

CORTESE:

Name: TOSCO - FACILITY #4754
Address: 2995 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601300340
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
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: UNOCAL
edr_fadd1: 2995 PINOLE VALLEY
City,State,Zip: PINOLE, CA
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0365

CONTRA COSTA CO. SITE LIST:

Name: CONOCOPHILLIPS CO #254754
Address: 2995 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0030899
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP GENERAL
Region: CONTRA COSTA
Cupa Number: 707102

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - FACILITY #4754 (Continued)

S101306980

Name: CONOCOPHILLIPS CO #254754
Address: 2995 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0030899
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: REPORTED ZERO
Region: CONTRA COSTA
Cupa Number: 707102

Name: CONOCOPHILLIPS CO #254754
Address: 2995 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0030899
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 707102

CERS:

Name: TOSCO - FACILITY #4754
Address: 2995 PINOLE VALLEY RD
City,State,Zip: PINOLE, CA 94564
Site ID: 216332
CERS ID: T0601300340
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SUE LOYD - CONTRA COSTA COUNTY
Entity Title: Not reported
Affiliation Address: 4333 PACHECO BLVD.
Affiliation City: MARTINEZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MARTIN MUSONGE - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

57
West
1/8-1/4
0.207 mi.
1095 ft.

DARIO AND LETICIA JACOBO
2129 SARAH DRIVE
PINOLE, CA 94564

RCRA NonGen / NLR **1026483333**
CAC003089403

Relative:
Lower
Actual:
55 ft.

RCRA NonGen / NLR:		
Date Form Received by Agency:		2020-10-21 00:00:00.0
Handler Name:	DARIO AND LETICIA JACOBO	
Handler Address:		2129 SARAH DRIVE
Handler City,State,Zip:		PINOLE, CA 94564
EPA ID:		CAC003089403
Contact Name:		DARIO AND LETICIA JACOBO
Contact Address:		2129 SARAH DRIVE
Contact City,State,Zip:		PINOLE, CA 94564
Contact Telephone:		510-758-6007
Contact Fax:		Not reported
Contact Email:		MARIAE@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2129 SARAH DRIVE
Mailing City,State,Zip:		PINOLE, CA 94564
Owner Name:		DARIO AND LETICIA JACOBO
Owner Type:		Other
Operator Name:		DARIO AND LETICIA JACOBO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DARIO AND LETICIA JACOBO (Continued)

1026483333

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-10-26 14:55:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DARIO AND LETICIA JACOBO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2129 SARAH DRIVE
Owner/Operator City,State,Zip:	PINOLE, CA 94564
Owner/Operator Telephone:	510-758-6007
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DARIO AND LETICIA JACOBO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2129 SARAH DRIVE
Owner/Operator City,State,Zip:	PINOLE, CA 94564
Owner/Operator Telephone:	510-758-6007
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DARIO AND LETICIA JACOBO (Continued)

1026483333

Historic Generators:

Receive Date: 2020-10-21 00:00:00.0
Handler Name: DARIO AND LETICIA JACOBO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

F58
South
1/8-1/4
0.211 mi.
1116 ft.

PINOLE VALLEY HIGH SCHOOL
2900 PINOLE VALLEY RD
PINOLE, CA 94564

RCRA NonGen / NLR

1024786122
CAL000013198

Site 7 of 11 in cluster F

Relative:
Higher
Actual:
58 ft.

RCRA NonGen / NLR:

Date Form Received by Agency: 1989-11-14 00:00:00.0
Handler Name: PINOLE VALLEY HIGH SCHOOL
Handler Address: 2900 PINOLE VALLEY RD
Handler City,State,Zip: PINOLE, CA 94564-1429
EPA ID: CAL000013198
Contact Name: JULIO ARROYO
Contact Address: 1400 MARINA WY SOUTH
Contact City,State,Zip: RICHMOND, CA 94804-2321
Contact Telephone: 510-231-1109
Contact Fax: 510-215-6413
Contact Email: JULIO.ARROYO@WCCUSD.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1400 MARINA WY SOUTH
Mailing City,State,Zip: RICHMOND, CA 94804-2321
Owner Name: WEST CONTRA COSTA USD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE VALLEY HIGH SCHOOL (Continued)

1024786122

Owner Type:	Other
Operator Name:	JULIO ARROYO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:31:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY HIGH SCHOOL (Continued)

1024786122

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: JULIO ARROYO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1400 MARINA WY SOUTH
Owner/Operator City,State,Zip: RICHMOND, CA 94804-2321
Owner/Operator Telephone: 510-231-1109
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WEST CONTRA COSTA USD
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1400 MARINA WY SOUTH
Owner/Operator City,State,Zip: RICHMOND, CA 94804-2321
Owner/Operator Telephone: 510-231-1100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1989-11-14 00:00:00.0
Handler Name: PINOLE VALLEY HIGH SCHOOL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONTRA COSTA COUNTY HEALTH SERVICES (Continued)

1024784436

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:40:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONTRA COSTA COUNTY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2900 PINOLE VALLEY RD
Owner/Operator City,State,Zip:	PINOLE, CA 94564-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	-- HUTCHEON-HAZ WASTE PROG.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	--
Owner/Operator City,State,Zip:	--
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONTRA COSTA COUNTY HEALTH SERVICES (Continued)

1024784436

Historic Generators:

Receive Date:	1998-03-17 00:00:00.0
Handler Name:	CONTRA COSTA COUNTY HEALTH SERVICES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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F60
South
1/8-1/4
0.211 mi.
1116 ft.

WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT
2900 PINOLE VALLEY ROAD
PINOLE, CA 94564

RCRA NonGen / NLR

1025840499
CAC003020104

Site 9 of 11 in cluster F

Relative:
Higher
Actual:
58 ft.

RCRA NonGen / NLR:	
Date Form Received by Agency:	2019-06-17 00:00:00.0
Handler Name:	WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT
Handler Address:	2900 PINOLE VALLEY ROAD
Handler City,State,Zip:	PINOLE, CA 94564
EPA ID:	CAC003020104
Contact Name:	JULIO ARROYO
Contact Address:	1400 MARINA WAY SOUTH
Contact City,State,Zip:	RICHMOND, CA 94804
Contact Telephone:	510-231-1109
Contact Fax:	Not reported
Contact Email:	JULIO.ARROYO@WCCUSD.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1400 MARINA WAY SOUTH
Mailing City,State,Zip:	RICHMOND, CA 94804
Owner Name:	WEST CONTRA COSTA USD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT (Continued)

1025840499

Owner Type:	Other
Operator Name:	JULIO ARROYO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 14:20:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT (Continued)

1025840499

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: WEST CONTRA COSTA USD
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1400 MARINA WAY SOUTH
Owner/Operator City,State,Zip: RICHMOND, CA 94804
Owner/Operator Telephone: 510-231-1109
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JULIO ARROYO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1400 MARINA WAY SOUTH
Owner/Operator City,State,Zip: RICHMOND, CA 94804
Owner/Operator Telephone: 510-231-1109
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2019-06-17 00:00:00.0
Handler Name: WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F61 South 1/8-1/4 0.211 mi. 1116 ft.	PINOLE VALLEY HIGH SCHOOL 2900 PINOLE VALLEY RD PINOLE, CA 94564 Site 10 of 11 in cluster F	RCRA-LQG PADS FINDS	1017785754 CAR000252163

Relative: Higher Actual: 58 ft.	<p>RCRA-LQG: 2015-03-10 00:00:00.0</p> <p>Date Form Received by Agency: 2015-03-10 00:00:00.0</p> <p>Handler Name: PINOLE VALLEY HIGH SCHOOL</p> <p>Handler Address: 2900 PINOLE VALLEY RD</p> <p>Handler City,State,Zip: PINOLE, CA 94564</p> <p>EPA ID: CAR000252163</p> <p>Contact Name: LUIS FREESE</p> <p>Contact Address: 1400 MARINA WAY SOUTH</p> <p>Contact City,State,Zip: RICHMOND, CA 94804</p> <p>Contact Telephone: 510-231-1100</p> <p>Contact Fax: Not reported</p> <p>Contact Email: LFREESE@WCCUSD.NET</p> <p>Contact Title: CHIEF ENGINEERING OFFICER</p> <p>EPA Region: 09</p> <p>Land Type: District</p> <p>Federal Waste Generator Description: Large Quantity Generator</p> <p>Non-Notifier: Not reported</p> <p>Biennial Report Cycle: Not reported</p> <p>Accessibility: Not reported</p> <p>Active Site Indicator: Handler Activities</p> <p>State District Owner: Not reported</p> <p>State District: Not reported</p> <p>Mailing Address: 1400 MARINA WAY SOUTH</p> <p>Mailing City,State,Zip: RICHMOND, CA 94804</p> <p>Owner Name: WEST CONTRA COSTA UNIFIED SCHOOL DIST</p> <p>Owner Type: District</p> <p>Operator Name: WEST CONTRA COSTA UNIFIED SCHOOL DIST</p> <p>Operator Type: District</p> <p>Short-Term Generator Activity: No</p> <p>Importer Activity: No</p> <p>Mixed Waste Generator: No</p> <p>Transporter Activity: No</p> <p>Transfer Facility Activity: No</p> <p>Recycler Activity with Storage: No</p> <p>Small Quantity On-Site Burner Exemption: No</p> <p>Smelting Melting and Refining Furnace Exemption: No</p> <p>Underground Injection Control: No</p> <p>Off-Site Waste Receipt: No</p> <p>Universal Waste Indicator: Yes</p> <p>Universal Waste Destination Facility: Yes</p> <p>Federal Universal Waste: Yes</p> <p>Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported</p> <p>Active Site Converter Treatment storage and Disposal Facility: Not reported</p> <p>Active Site State-Reg Treatment Storage and Disposal Facility: Not reported</p> <p>Active Site State-Reg Handler: ---</p> <p>Federal Facility Indicator: Not reported</p> <p>Hazardous Secondary Material Indicator: NN</p> <p>Sub-Part K Indicator: Not reported</p> <p>Commercial TSD Indicator: No</p> <p>Treatment Storage and Disposal Type: Not reported</p> <p>2018 GPRA Permit Baseline: Not on the Baseline</p> <p>2018 GPRA Renewals Baseline: Not on the Baseline</p> <p>Permit Renewals Workload Universe: Not reported</p>
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINOLE VALLEY HIGH SCHOOL (Continued)

1017785754

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-03-12 19:23:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEST CONTRA COSTA UNIFIED SCHOOL DIST
Legal Status:	District
Date Became Current:	1967-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY HIGH SCHOOL (Continued)

1017785754

Owner/Operator Name: WEST CONTRA COSTA UNIFIED SCHOOL DIST
Legal Status: District
Date Became Current: 1966-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1400 MARINA WAY SOUTH
Owner/Operator City,State,Zip: RICHMOND, CA 94804
Owner/Operator Telephone: 510-231-1100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2015-03-10 00:00:00.0
Handler Name: PINOLE VALLEY HIGH SCHOOL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

PADS:

Name: PINOLE VALLEY HIGH SCHOOL
Address: 2900 PINOLE VALLEY RD
Address 2: Not reported
City,State,Zip: PINOLE, CA 94564
EDR ID: 1017785754
EPAID: CAR000252163
Region: 9
Generator: Y
Storer: N
Disposer: N
Transporter: N
Smelter: N
Research Facility: N
Mailing Address: 1400 MARINA WAY SOUTH
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINOLE VALLEY HIGH SCHOOL (Continued)

1017785754

Mailing City: RICHMOND
Mailing State: CA
Mailing Zip: 94804
Mailing Country: US
Owner Name: WEST CONTRA COSTA UNIFIED SCHOOL DISTRIC
Certification Date: 03/17/2015
Contact Name: LUIS FREESE
Contact Title: CHIEF ENGINEERING OFFICER
Contact Telephone: 510-231-1100
Contact Text: Not reported
Contact Email: Not reported

FINDS:

Registry ID: 110064021142

Click Here:

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.

F62
South
1/8-1/4
0.211 mi.
1116 ft.

WCCUSD/PINOLE HIGH SCHOOL
2900 PINOLE VALLEY RD
PINOLE, CA 94564

CONTRA COSTA CO. SITE LIST **S113796155**
CIWQS **N/A**

Site 11 of 11 in cluster F

Relative:

CONTRA COSTA CO. SITE LIST:

Higher
Actual:
58 ft.

Name: WCCUSD/PINOLE HIGH SCHOOL
Address: 2900 PINOLE VALLEY RD
City: PINOLE
Facility ID: FA0031891
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: 50 - <250 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 774560

CIWQS:

Name: PINOLE VALLEY HS DETENTION PHASE 1 DETENTION BASIN
Address: 2900 PINOLE VALLEY ROAD
City,State,Zip: PINOLE, CA 94564
Agency: West Contra Costa Unified School District
Agency Address: 1400 Marina Way South, Richmond, CA 94804
Place/Project Type: Construction - Reconstruction
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WCCUSD/PINOLE HIGH SCHOOL (Continued)

S113796155

WDID: 2 07C368242
 NPDES Number: CAS000002
 Adoption Date: Not reported
 Effective Date: 11/14/2013
 Termination Date: 01/06/2015
 Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 37.9902
 Longitude: -122.28635

63
ESE
1/8-1/4
0.217 mi.
1148 ft.

AMREE JOHAL
2468 PALOMA STREET
PINOLE, CA 94564

RCRA NonGen / NLR

1025832178
CAC003011741

Relative:
Higher
Actual:
134 ft.

RCRA NonGen / NLR:
 Date Form Received by Agency: 2019-04-24 00:00:00.0
 Handler Name: AMREE JOHAL
 Handler Address: 2468 PALOMA STREET
 Handler City,State,Zip: PINOLE, CA 94564
 EPA ID: CAC003011741
 Contact Name: AMREE JOHAL
 Contact Address: 8710 WICKLOW COURT
 Contact City,State,Zip: DANVILLE, CA 94568
 Contact Telephone: 925-963-0391
 Contact Fax: Not reported
 Contact Email: NICOLE@ENV-REM.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 8710 WICKLOW COURT
 Mailing City,State,Zip: DANVILLE, CA 94568
 Owner Name: AMREE JOHAL
 Owner Type: Other
 Operator Name: AMREE JOHAL
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMREE JOHAL (Continued)

1025832178

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 11:34:01.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMREE JOHAL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8710 WICKLOW COURT
Owner/Operator City,State,Zip:	DANVILLE, CA 94568
Owner/Operator Telephone:	925-963-0391

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMREE JOHAL (Continued)

1025832178

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMREE JOHAL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8710 WICKLOW COURT
Owner/Operator City,State,Zip:	DANVILLE, CA 94568
Owner/Operator Telephone:	925-963-0391
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-04-24 00:00:00.0
Handler Name:	AMREE JOHAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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64
SW
1/8-1/4
0.247 mi.
1304 ft.

LISA HARVESTY
2139 SHEA DRIVE
PINOLE, CA 94564

RCRA NonGen / NLR

1024781047
CAC003001012

Relative:
Higher
Actual:
95 ft.

RCRA NonGen / NLR:		
Date Form Received by Agency:		2019-02-13 00:00:00.0
Handler Name:	LISA HARVESTY	
Handler Address:		2139 SHEA DRIVE
Handler City,State,Zip:		PINOLE, CA 94564
EPA ID:		CAC003001012
Contact Name:		LISA HARVESTY
Contact Address:		2139 SHEA DRIVE
Contact City,State,Zip:		PINOLE, CA 94564

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LISA HARVESTY (Continued)

1024781047

Contact Telephone:	510-334-7298
Contact Fax:	Not reported
Contact Email:	NICOLE@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2139 SHEA DRIVE
Mailing City,State,Zip:	PINOLE, CA 94564
Owner Name:	LISA HARVESTY
Owner Type:	Other
Operator Name:	LISA HARVESTY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LISA HARVESTY (Continued)

1024781047

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-22 19:41:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LISA HARVESTY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2139 SHEA DRIVE
Owner/Operator City,State,Zip:	PINOLE, CA 94564
Owner/Operator Telephone:	510-334-7298
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LISA HARVESTY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2139 SHEA DRIVE
Owner/Operator City,State,Zip:	PINOLE, CA 94564
Owner/Operator Telephone:	510-334-7298
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-02-13 00:00:00.0
Handler Name:	LISA HARVESTY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LISA HARVESTY (Continued)

1024781047

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

65
 NNW
 1/4-1/2
 0.438 mi.
 2314 ft.

TKG PINOLE GATEWAY LLC
1300-1400 PINOLE VALLEY RD
PINOLE, CA 94564

CPS-SLIC S112932113
HAZNET N/A
CERS
HWTS

Relative:
Lower
Actual:
36 ft.

CPS-SLIC:
 Name: GATEWAY DEVELOPMENT
 Address: 1300 PINOLE VALLEY ROAD
 City,State,Zip: PINOLE, CA 94564
 Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 07/06/2016
 Global Id: T10000008992
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Lead Agency Case Number: Not reported
 Latitude: 37.99794
 Longitude: -122.28678
 Case Type: Cleanup Program Site
 Case Worker: AJK
 Local Agency: Not reported
 RB Case Number: T10000008992
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
 Potential Contaminants of Concern: Aviation, Diesel
 Site History: Kinder Morgan pipeline was ruptured in 1979 by a City contractor. It's unclear whether or not all the contaminated soil was hauled out or not. Pipeline is at 5 feet bgs, majority of contamination is down past 10 feet bgs. Soil excavation is underway to remove concentrations above commercial ESLs.

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

HAZNET:
 Name: TKG PINOLE GATEWAY LLC
 Address: 1300-1400 PINOLE VALLEY RD
 Address 2: Not reported
 City,State,Zip: PINOLE, CA 94564
 Contact: CYNTHIA ROMER/PROP MGR/X206
 Telephone: 4154344003
 Mailing Name: Not reported
 Mailing Address: 214 GRANT AVE STE 325

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TKG PINOLE GATEWAY LLC (Continued)

S112932113

Year: 2003
Gepaid: CAC002569013
TSD EPA ID: CAD982042475
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 1.6856

Additional Info:

Year: 2003
Gen EPA ID: CAC002569013

Shipment Date: 20030825
Creation Date: 7/29/2004 7:43:54
Receipt Date: 20030826
Manifest ID: 22856833
Trans EPA ID: CAR000037283
Trans Name: Not reported
Trans 2 EPA ID: CAR000142547
Trans 2 Name: Not reported
TSD EPA ID: CAD982042475
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 1.6856
Waste Quantity: 2
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: GATEWAY DEVELOPMENT
Address: 1300 PINOLE VALLEY ROAD
City,State,Zip: PINOLE, CA 94564
Site ID: 370761
CERS ID: T10000008992
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ALYX KARPOWICZ - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 Clay St., Suite 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5106222427

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TKG PINOLE GATEWAY LLC (Continued)

S112932113

HWTS:

Name: TKG PINOLE GATEWAY LLC
 Address: 1300-1400 PINOLE VALLEY RD
 Address 2: Not reported
 City,State,Zip: PINOLE, CA 94564
 EPA ID: CAC002569013
 Inactive Date: 06/22/2004
 Create Date: 08/18/2003
 Last Act Date: 11/09/2004
 Mailing Name: Not reported
 Mailing Address: 214 GRANT AVE STE 325
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SAN FRANCISCO, CA 94108
 Owner Name: TKG PINOLE GATEWAY LLC
 Owner Address: 214 GRANT AVE STE 325
 Owner Address 2: Not reported
 Owner City,State,Zip: SAN FRANCISCO, CA 94108
 Contact Name: CYNTHIA ROMER/PROP MGR/X206
 Contact Address: 214 GRANT AVE STE 325
 Contact Address 2: Not reported
 City,State,Zip: SAN FRANCISCO, CA 94108

66
West
1/2-1
0.925 mi.
4884 ft.

Relative:
Higher

Actual:
236 ft.

APPIAN 80 EXPRESS CLEANERS
1577 TARA HILLS DRIVE
PINOLE, CA 94564

ENVIROSTOR **1002848401**
VCP **N/A**
CERS HAZ WASTE
DRYCLEANERS
EMI
HAZNET
CONTRA COSTA CO. SITE LIST
CERS
HWTS

ENVIROSTOR:

Name: APPIAN 80 EXPRESS CLEANERS
 Address: 1577 TARA HILLS DRIVE
 City,State,Zip: PINOLE, CA 94564
 Facility ID: 60001904
 Status: Active
 Status Date: 07/16/2013
 Site Code: 201977
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 0.42
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Parag Shah
 Supervisor: Whitney Smith
 Division Branch: Cleanup Berkeley
 Assembly: 15
 Senate: 09
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.99518
 Longitude: -122.3035

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

APN: 402282002
Past Use: DRY CLEANING
Potential COC: Benzene Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE 1,2-Dichloroethane (EDC 1,2-Dichloroethylene (cis
Confirmed COC: 30003-NO 30022-NO 30025-NO 30193-NO 30195-NO 30027-NO
Potential Description: IA, SOIL, SV, UE
Alias Name: 402282002
Alias Type: APN
Alias Name: 201977
Alias Type: Project Code (Site Code)
Alias Name: 60001904
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 11/22/2013
Comments: GSU approved the plan and letter was signed by Dan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/12/2013
Comments: Drilled 2 wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 04/11/2014
Comments: The report was approved. The report detailed the installation of 2 wells and sampling results. A scoping meeting was held in March to determine the next steps for the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/30/2015
Comments: Interim workplan to conduct soil excavation to remove source of volatile organic compound (VOC) and installation of a soil vapor extraction system to prevent intrusion of VOC gases into indoor air. Further characterization of the contamination will be completed after the interim activities and a final cleanup plan will be developed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 10/31/2013
Comments: VCA signed on October 31, 2013. It included reviewing existing documentation, and a well installation workplan besides the VCA. A check is being sent to Sacramento for the deposit of \$ 12,000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/13/2013
Comments: Letter sent to RP about the approved SVE system by the BAAQMD and DTSC's no objection to the system. The system is NOT a final remedy for the site. The proposed SVE system was not reviewed by DTSC. The purpose is to have the City of Pinole to approve permits for SVE installation. DTSC did not object to the occupancy of the four tenant

MAP FINDINGS

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

spaces. More work may be needed. Changes and modifications may be required as DTSC's process continues to evaluate the contaminants of concern at the site.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Correspondence
 Completed Date: 05/20/2013
 Comments: This application to BAAQMD was sent by the RP and consultant prior to lead agency determination. Correspondance back to RP & Consultant dated 05/20/2013. DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy. The date was verbally moved to August 15th for the fees to be paid. See letter from 8-13-2013 sent by DTSC.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Correspondence
 Completed Date: 03/26/2014
 Comments: Letter hand delivered at Scoping Meeting on March 26,2014. Letter informs DTSC that a Federal lawsuit has been filed- Case Number C-11-06610 EDL on 02/14/2011 for former owners and operators of the site.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Voluntary Cleanup Consultation
 Completed Date: 03/26/2014
 Comments: Meeting was held from 1:30 PM to 4:30 PM. Discussion covered the next steps for the site. A VCA amendment will be needed to cover the scope of work and new cost estimate. The next step will be a Pilot test workplan for a DPE system with additional wells for at least 2 months. Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Annual Oversight Cost Estimate
 Completed Date: 09/11/2015
 Comments: Schedule and cost estimate of DTSC oversight activities at the site for the 2015/2016 fiscal year (July 1, 2015-June 30, 2016).

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Amendment - Order/Agreement
 Completed Date: 09/24/2014
 Comments: Amendment to VCA to expand scope of work to include interim removal action workplan, CEQA, public participation and implementation of the interim removal action workplan. The advance payment was also increased to accommodate the increased scope of work.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Annual Oversight Cost Estimate
 Completed Date: 09/23/2014
 Comments: DTSC estimate of DTSC's oversight costs for the 2014/2015 fiscal year from July 1, 2014 to June 30, 2015. Estimate is based on schedule of expected activities, estimates of DTSC staff hours for each activity

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

and DTSC's contract estimation rates for the fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/11/2018
Comments: Final NOE was stamped before the public comment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 02/06/2015
Comments: HARP form to recognize and prevent potential health and safety threats on a field visit. Potential threats include PCE, TCE, heavy drilling and excavating equipment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 03/26/2015
Comments: No exposure symptoms noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/30/2017
Comments: Karen DiBiasio, Renato Matrano Jr, and Hongbo Zhu visited the Site and discussed the possible locations for additional monitoring wells with Sharon Squire.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/01/2018
Comments: Office of EJTA determined the tribal consultation process completed for this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2018
Comments: Completed the Appian 80 cost estimate for FY 2018-2019

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2016
Comments: Cost Estimate Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2017
Comments: The Annual Cost Estimate is completed and a letter was sent to the RP. Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/10/2015
Comments: The community profile documents the concerns and potential concerns that the community has or might have regarding health risks and cleanup at the site. It describes anticipated public participation activities. Recommended activities include publishing a notice of the draft Removal Action Workplan, providing a public comment period of 30 days, holding a public meeting if necessary and preparing a response to public comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/02/2015
Comments: Fact sheet to inform the community about the upcoming interim fieldwork scheduled from March 5. The fieldwork will take place according to the approved workplan, which was developed as a result of investigations that found tetrachloroethene in soil and groundwater beneath the site. Activities that are taking place include excavation of contaminated soil, installation of a soil vapor extraction system, and installation of groundwater monitoring wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 08/31/2015
Comments: Soil and groundwater sampling was conducted to delineate the source of soil contamination of tetrachloroethene. Investigation identified an area east of the site along the back wall containing the highest concentrations, up to 1,660 milligrams per kilogram in soil. After consultations between DTSC and consultant, it was agreed that further characterization of contamination at the source area was needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/17/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/29/2018
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/18/2016
Comments: RP completed further delineation of VOC plume beneath dry cleaner that may extend beneath neighboring unit. Investigation findings will be presented in report for DTSC review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/19/2015
Comments: Notice informing the community of fieldwork that will be taking place the week of Oct 19th. Soil will be excavated by hand to expose drain lines to collect samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/23/2017
Comments: RP stated that the comments would be addressed in the draft RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/12/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2022

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2022

Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Completion Report
Schedule Due Date: 04/01/2019
Schedule Revised Date: 02/27/2022

VCP:

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

City,State,Zip: PINOLE, CA 94564
Facility ID: 60001904
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.42
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Parag Shah
Supervisor: Whitney Smith
Division Branch: Cleanup Berkeley
Site Code: 201977
Assembly: 15
Senate: 09
Special Programs Code: Not reported
Status: Active
Status Date: 07/16/2013
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.99518 / -122.3035
APN: 402282002
Past Use: DRY CLEANING
Potential COC: 30003, 30022, 30025, 30027, 30193, 30195
Confirmed COC: 30003-NO,30022-NO,30025-NO,30193-NO,30195-NO,30027-NO
Potential IA, SOIL, SV, UE
Alias Name: 402282002
Alias Type: APN
Alias Name: 201977
Alias Type: Project Code (Site Code)
Alias Name: 60001904
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/2013
Comments: DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 11/22/2013
Comments: GSU approved the plan and letter was signed by Dan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/12/2013
Comments: Drilled 2 wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 04/11/2014
Comments: The report was approved. The report detailed the installation of 2 wells and sampling results. A scoping meeting was held in March to determine the next steps for the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/30/2015
Comments: Interim workplan to conduct soil excavation to remove source of volatile organic compound (VOC) and installation of a soil vapor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

extraction system to prevent intrusion of VOC gases into indoor air. Further characterization of the contamination will be completed after the interim activities and a final cleanup plan will be developed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 10/31/2013

Comments: VCA signed on October 31, 2013. It included reviewing existing documentation, and a well installation workplan besides the VCA. A check is being sent to Sacramento for the deposit of \$ 12,000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/13/2013

Comments: Letter sent to RP about the approved SVE system by the BAAQMD and DTSC's no objection to the system. The system is NOT a final remedy for the site. The proposed SVE system was not reviewed by DTSC. The purpose is to have the City of Pinole to approve permits for SVE installation. DTSC did not object to the occupancy of the four tenant spaces. More work may be needed. Changes and modifications may be required as DTSC's process continues to evaluate the contaminants of concern at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2013

Comments: This application to BAAQMD was sent by the RP and consultant prior to lead agency determination. Correspondance back to RP & Consultant dated 05/20/2013. DTSC did not provide oversight for this activity. DTSC has NOT reviewed this report for technical accuracy. The date was verbally moved to August 15th for the fees to be paid. See letter from 8-13-2013 sent by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/26/2014

Comments: Letter hand delivered at Scoping Meeting on March 26,2014. Letter informs DTSC that a Federal lawsuit has been filed- Case Number C-11-06610 EDL on 02/14/2011 for former owners and operators of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 03/26/2014

Comments: Meeting was held from 1:30 PM to 4:30 PM. Discussion covered the next steps for the site. A VCA amendment will be needed to cover the scope of work and new cost estimate. The next step will be a Pilot test workplan for a DPE system with additional wells for at least 2 months.
Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/11/2015
Comments: Schedule and cost estimate of DTSC oversight activities at the site for the 2015/2016 fiscal year (July 1, 2015-June 30, 2016).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 09/24/2014
Comments: Amendment to VCA to expand scope of work to include interim removal action workplan, CEQA, public participation and implementation of the interim removal action workplan. The advance payment was also increased to accommodate the increased scope of work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2014
Comments: DTSC estimate of DTSC's oversight costs for the 2014/2015 fiscal year from July 1, 2014 to June 30, 2015. Estimate is based on schedule of expected activities, estimates of DTSC staff hours for each activity and DTSC's contract estimation rates for the fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/11/2018
Comments: Final NOE was stamped before the public comment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 02/06/2015
Comments: HARP form to recognize and prevent potential health and safety threats on a field visit. Potential threats include PCE, TCE, heavy drilling and excavating equipment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 03/26/2015
Comments: No exposure symptoms noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/30/2017
Comments: Karen DiBiasio, Renato Matrano Jr, and Hongbo Zhu visited the Site and discussed the possible locations for additional monitoring wells with Sharon Squire.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/01/2018
Comments: Office of EJTA determined the tribal consultation process completed for this site.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2018
Comments: Completed the Appian 80 cost estimate for FY 2018-2019

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2016
Comments: Cost Estimate Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2017
Comments: The Annual Cost Estimate is completed and a letter was sent to the RP.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/10/2015
Comments: The community profile documents the concerns and potential concerns that the community has or might have regarding health risks and cleanup at the site. It describes anticipated public participation activities. Recommended activities include publishing a notice of the draft Removal Action Workplan, providing a public comment period of 30 days, holding a public meeting if necessary and preparing a response to public comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/02/2015
Comments: Fact sheet to inform the community about the upcoming interim fieldwork scheduled from March 5. The fieldwork will take place according to the approved workplan, which was developed as a result of investigations that found tetrachloroethene in soil and groundwater beneath the site. Activities that are taking place include excavation of contaminated soil, installation of a soil vapor extraction system, and installation of groundwater monitoring wells.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Completed Document Type: Treatability Study Report
Completed Date: 08/31/2015
Comments: Soil and groundwater sampling was conducted to delineate the source of soil contamination of tetrachloroethene. Investigation identified an area east of the site along the back wall containing the highest concentrations, up to 1,660 milligrams per kilogram in soil. After consultations between DTSC and consultant, it was agreed that further characterization of contamination at the source area was needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/17/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/18/2016
Comments: RP completed further delineation of VOC plume beneath dry cleaner that may extend beneath neighboring unit. Investigation findings will be presented in report for DTSC review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/19/2015
Comments: Notice informing the community of fieldwork that will be taking place the week of Oct 19th. Soil will be excavated by hand to expose drain lines to collect samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/23/2017
Comments: RP stated that the comments would be addressed in the draft RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/29/2018
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Completed Document Type: Other Report
Completed Date: 07/12/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2022
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2022
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Completion Report
Schedule Due Date: 04/01/2019
Schedule Revised Date: 02/27/2022

CERS HAZ WASTE:

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 94564
Site ID: 6202
CERS ID: 10010812
CERS Description: Hazardous Waste Generator

DRYCLEANERS:

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
EPA Id: CAL000013709
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 11/14/1989
Facility Active: No
Inactive Date: 06/24/2004
Facility Addr2: Not reported
Owner Name: INSOO OH
Owner Address: --
Owner Address 2: Not reported
Owner Telephone: 0
Contact Name: DEACT PER VQ96-RK
Contact Address: 1577 TARA HILLS DR
Contact Address 2: Not reported
Contact Telephone: 5107242388
Mailing Name: Not reported
Mailing Address 1: 1577 TARA HILLS DR
Mailing Address 2: Not reported
Mailing City: PINOLE
Mailing State: CA
Mailing Zip: 945640000
Owner Fax: Not reported
Region Code: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
EPA Id: CAL000283909
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 07/06/2004
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Owner Name: JIN S KIM
Owner Address: 441 N WILDWOOD LN
Owner Address 2: Not reported
Owner Telephone: 5107242388
Contact Name: JIN KIM
Contact Address: 110 BUXTON CIR
Contact Address 2: Not reported
Contact Telephone: 5107242388
Mailing Name: Not reported
Mailing Address 1: 1577 TARA HILLS DR
Mailing Address 2: Not reported
Mailing City: PINOLE
Mailing State: CA
Mailing Zip: 945640000
Owner Fax: Not reported
Region Code: 2

EMI:

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
Year: 1990
County Code: 7
Air Basin: SF
Facility ID: 4560
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
Year: 1993
County Code: 7
Air Basin: SF
Facility ID: 4560

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
Year: 1995
County Code: 7
Air Basin: SF
Facility ID: 4560
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
Year: 1996
County Code: 7
Air Basin: SF
Facility ID: 4560
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
Year: 1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

County Code: 7
Air Basin: SF
Facility ID: 4560
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
Year: 1998
County Code: 7
Air Basin: SF
Facility ID: 4560
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 945640000
Year: 2005
County Code: 7
Air Basin: SF
Facility ID: 4560
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPIAN 80 EXPRESS CLEANERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 94564
Year: 2008
County Code: 7
Air Basin: SF
Facility ID: 4560
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .325
Reactive Organic Gases Tons/Yr: .13
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: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 94564
Year: 2010
County Code: 7
Air Basin: SF
Facility ID: 4560
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.32500000000000001
Reactive Organic Gases Tons/Yr: 0.13
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: TARA HILLS DRIVE LIMITED LLC
Address: 1577 TARA HILLS DR
Address 2: Not reported
City,State,Zip: PINOLE, CA 945642519
Contact: JEFF MCCLUNG
Telephone: 9259347065
Mailing Name: Not reported
Mailing Address: PO BOX 253

Year: 2015
Gepaid: CAC002834722
TSD EPA ID: CAD980675276
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 56.4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Additional Info:

Year:	2015
Gen EPA ID:	CAC002834722
Shipment Date:	20151215
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20151215
Manifest ID:	007437629JJK
Trans EPA ID:	CAR000181560
Trans Name:	REMEDIAL TRANSPORTATION SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	F002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	28.2
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151215
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20151215
Manifest ID:	007437628JJK
Trans EPA ID:	CAR000181560
Trans Name:	REMEDIAL TRANSPORTATION SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	F002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	28.2
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONTRA COSTA CO. SITE LIST:

Name: APPIAN 80 EXPRESS CLEANERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Address: 1577 TARA HILLS DR
City: PINOLE
Facility ID: FA0033428
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: LESS THAN 1000 LBS
Region: CONTRA COSTA
Cupa Number: 770916

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City: PINOLE
Facility ID: FA0033428
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 770916

CERS:

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City, State, Zip: PINOLE, CA 94564
Site ID: 6202
CERS ID: 110001198560
CERS Description: US EPA Air Emission Inventory System (EIS)

Violations:

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Violation Date: 03-27-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/04/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Violation Date: 10-27-2014
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/05/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Violation Date: 05-09-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/18/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Violation Date: 10-27-2014
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 11/05/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-09-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2017
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Eval Program: HW
Eval Source: CERS

Enforcement Action:

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 03-27-2018
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 03-27-2018
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: Contra Costa County Health Services Department
Enf Action Program: UNSPEC
Enf Action Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 05-09-2016
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 10-27-2014
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 6202

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 10-27-2014
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: Contra Costa County Health Services Department
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:

Site ID: 6202
Facility Name: APPIAN 80 EXPRESS CLEANERS
Env Int Type Code: FRS-AIR
Program ID: 110001198560
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.995490
Longitude: -122.303440

Affiliation:

Affiliation Type Desc: Operator
Entity Name: JIN SOP KIM
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: (510) 724-2388

Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco BlvdSuite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200

Affiliation Type Desc: Document Preparer
Entity Name: Amanda Ackerman
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: JIN SOP KIM
Entity Title: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Affiliation Address: 1577 Tara Hills Dr
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94564
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: APPIAN 80 EXPRESS CLNR
Entity Title: OWNER
Affiliation Address: 110 BUXTON CIR
Affiliation City: PLEASANTHILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JIN SOP KIM
Entity Title: Not reported
Affiliation Address: 1577 TARA HILLS DR
Affiliation City: PINOLE
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: 1577 Tara Hills Dr
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94564
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: APPIAN 80 EXPRESS CLEANERS
Entity Title: Not reported
Affiliation Address: 1577 Tara Hills Dr
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94564
Affiliation Phone: (510) 724-2388

Affiliation Type Desc: Environmental Contact
Entity Name: EILEEN CHOI
Entity Title: CO-OWNER
Affiliation Address: 110 BUXTON CIR
Affiliation City: PLEASANTHILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Affiliation Type Desc: Identification Signer
Entity Name: eileen kim
Entity Title: manager
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: APPIAN 80 EXPRESS CLEANERS
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: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DR
City,State,Zip: PINOLE, CA 94564
Site ID: 6202
CERS ID: 10010812
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Violation Date: 03-27-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/04/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Violation Date: 10-27-2014
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/05/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Violation Date: 05-09-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/18/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Violation Date: 10-27-2014
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 11/05/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-09-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2017
Violations Found: No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Eval Program: HW
Eval Source: CERS

Enforcement Action:

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 03-27-2018
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 03-27-2018
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: Contra Costa County Health Services Department
Enf Action Program: UNSPEC
Enf Action Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 05-09-2016
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 6202
Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 10-27-2014
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: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 6202

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Site Name: APPIAN 80 EXPRESS CLEANERS
Site Address: 1577 TARA HILLS DR
Site City: PINOLE
Site Zip: 94564
Enf Action Date: 10-27-2014
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: Contra Costa County Health Services Department
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:

Site ID: 6202
Facility Name: APPIAN 80 EXPRESS CLEANERS
Env Int Type Code: FRS-AIR
Program ID: 110001198560
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.995490
Longitude: -122.303440

Affiliation:

Affiliation Type Desc: Operator
Entity Name: JIN SOP KIM
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: (510) 724-2388

Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco BlvdSuite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200

Affiliation Type Desc: Document Preparer
Entity Name: Amanda Ackerman
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: JIN SOP KIM
Entity Title: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Affiliation Address: 1577 Tara Hills Dr
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94564
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: APPIAN 80 EXPRESS CLNR
Entity Title: OWNER
Affiliation Address: 110 BUXTON CIR
Affiliation City: PLEASANTHILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JIN SOP KIM
Entity Title: Not reported
Affiliation Address: 1577 TARA HILLS DR
Affiliation City: PINOLE
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: 1577 Tara Hills Dr
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94564
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: APPIAN 80 EXPRESS CLEANERS
Entity Title: Not reported
Affiliation Address: 1577 Tara Hills Dr
Affiliation City: Pinole
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94564
Affiliation Phone: (510) 724-2388

Affiliation Type Desc: Environmental Contact
Entity Name: EILEEN CHOI
Entity Title: CO-OWNER
Affiliation Address: 110 BUXTON CIR
Affiliation City: PLEASANTHILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Affiliation Type Desc: Identification Signer
Entity Name: eileen kim
Entity Title: manager
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: APPIAN 80 EXPRESS CLEANERS
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

HWTS:

Name: APPIAN 80 EXPRESS CLEANERS
Address: 1577 TARA HILLS DRIVE
Address 2: Not reported
City,State,Zip: PINOLE, CA 945640000
EPA ID: CAL000031486
Inactive Date: 01/01/1900
Create Date: 05/10/1990
Last Act Date: 03/18/1999
Mailing Name: Not reported
Mailing Address: 1577 TARA HILLS DRIVE
Mailing Address 2: Not reported
Mailing City,State,Zip: PINOLE, CA 945640000
Owner Name: OH IN SOO
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: DEACT PER VQ96-RK
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

Name: TARA HILLS DRIVE LIMITED LLC
Address: 1577 TARA HILLS DR
Address 2: Not reported
City,State,Zip: PINOLE, CA 945642519
EPA ID: CAC002834722
Inactive Date: 01/22/2016
Create Date: 10/22/2015
Last Act Date: 01/22/2016
Mailing Name: Not reported
Mailing Address: PO BOX 253
Mailing Address 2: Not reported
Mailing City,State,Zip: ALAMO, CA 945070253
Owner Name: TARA HILLS DRIVE LLC
Owner Address: PO BOX 253

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPIAN 80 EXPRESS CLEANERS (Continued)

1002848401

Owner Address 2:	Not reported
Owner City,State,Zip:	ALAMO, CA 945070253
Contact Name:	JEFF MCCLUNG
Contact Address:	480 LIVORNA RD
Contact Address 2:	Not reported
City,State,Zip:	ALAMO, CA 945071466

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

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: 10/28/2020	Source: EPA
Date Data Arrived at EDR: 11/05/2020	Telephone: N/A
Date Made Active in Reports: 11/25/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/12/2021
	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: 10/28/2020	Source: EPA
Date Data Arrived at EDR: 11/05/2020	Telephone: N/A
Date Made Active in Reports: 11/25/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/12/2021
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
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: 12/23/2020
Next Scheduled EDR Contact: 04/12/2021
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 known 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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/28/2020	Source: EPA
Date Data Arrived at EDR: 11/05/2020	Telephone: 800-424-9346
Date Made Active in Reports: 11/25/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020	Source: EPA
Date Data Arrived at EDR: 12/17/2020	Telephone: 800-424-9346
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	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: 08/06/2020	Source: Department of the Navy
Date Data Arrived at EDR: 08/21/2020	Telephone: 843-820-7326
Date Made Active in Reports: 11/11/2020	Last EDR Contact: 11/05/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/22/2021
	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: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 11/05/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 11/05/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/14/2020

Date Data Arrived at EDR: 12/15/2020

Date Made Active in Reports: 12/22/2020

Number of Days to Update: 7

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/15/2020

Next Scheduled EDR Contact: 04/05/2021

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: 10/26/2020

Date Data Arrived at EDR: 10/26/2020

Date Made Active in Reports: 01/13/2021

Number of Days to Update: 79

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/26/2021

Next Scheduled EDR Contact: 05/10/2021

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/26/2020

Date Data Arrived at EDR: 10/26/2020

Date Made Active in Reports: 01/13/2021

Number of Days to Update: 79

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/26/2021

Next Scheduled EDR Contact: 05/10/2021

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/09/2020

Date Data Arrived at EDR: 11/10/2020

Date Made Active in Reports: 01/14/2021

Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/10/2020

Next Scheduled EDR Contact: 02/22/2021

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 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	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

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 5: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 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 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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
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: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-7439
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	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: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-8677
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/03/2021
	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: 04/08/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3372
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	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: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6271
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	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: 04/15/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	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: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	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: 09/08/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/08/2020	Telephone: 866-480-1028
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/04/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

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

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: 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: 07/21/2020
Date Data Arrived at EDR: 09/03/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 83

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/03/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/03/2020
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
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: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
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: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/29/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6137
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/03/2021
	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: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-9424
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	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: 04/14/2020	Source: EPA Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-6136
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/15/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 10/26/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/26/2020	Telephone: 916-323-3400
Date Made Active in Reports: 01/13/2021	Last EDR Contact: 01/26/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

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

Date of Government Version: 09/21/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/22/2020	Telephone: 916-323-7905
Date Made Active in Reports: 12/11/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 04/05/2021
	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: 09/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2020	Telephone: 202-566-2777
Date Made Active in Reports: 12/10/2020	Last EDR Contact: 12/11/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 03/29/2021
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
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: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 03/18/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-307-1000
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 11/16/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 10/26/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/26/2020	Telephone: 916-323-3400
Date Made Active in Reports: 01/13/2021	Last EDR Contact: 01/26/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/28/2020	Telephone: 916-255-6504
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
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: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
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: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
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: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

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: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

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

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

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 08/31/2020	Source: DTSC and SWRCB
Date Data Arrived at EDR: 08/31/2020	Telephone: 916-323-3400
Date Made Active in Reports: 11/20/2020	Last EDR Contact: 12/01/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/15/2021
	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: 09/20/2020	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/22/2020	Telephone: 202-366-4555
Date Made Active in Reports: 12/14/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/05/2021
	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: 09/30/2020	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/19/2020	Telephone: 916-845-8400
Date Made Active in Reports: 01/07/2021	Last EDR Contact: 01/20/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/03/2021
	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: 09/08/2020	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/08/2020	Telephone: 866-480-1028
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/04/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	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: 09/08/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/08/2020	Telephone: 866-480-1028
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/04/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

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

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

Other Ascertainable Records

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

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

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	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: 09/29/2020	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 11/17/2020	Telephone: 202-528-4285
Date Made Active in Reports: 01/25/2021	Last EDR Contact: 11/17/2020
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/15/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/26/2021
	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: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 01/07/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
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: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
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: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
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: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
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: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 03/01/2021
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: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/21/2021
Next Scheduled EDR Contact: 05/03/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 11/02/2020
Date Data Arrived at EDR: 11/12/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/15/2021
	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: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 01/08/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/30/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: 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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: 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: 08/05/2020	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/10/2020	Telephone: 301-415-7169
Date Made Active in Reports: 10/08/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2018	Source: Department of Energy
Date Data Arrived at EDR: 12/04/2019	Telephone: 202-586-8719
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 12/01/2020
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/15/2021
	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: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 11/30/2020
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/15/2021
	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: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/06/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/15/2021
	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: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 01/08/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/27/2021
Next Scheduled EDR Contact: 05/10/2021
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: 09/30/2020
Date Data Arrived at EDR: 10/08/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
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: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/05/2021
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: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
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: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/20/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

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

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

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

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

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: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
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: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
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: 09/16/2020
Date Data Arrived at EDR: 09/17/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2020
Next Scheduled EDR Contact: 03/22/2021
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: 11/04/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/03/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/06/2020	Telephone: 202-564-2280
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 01/08/2021
Number of Days to Update: 90	Next Scheduled EDR Contact: 04/19/2021
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/17/2020
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/08/2021
	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: 11/13/2020	Source: EPA
Date Data Arrived at EDR: 11/13/2020	Telephone: 800-385-6164
Date Made Active in Reports: 01/25/2021	Last EDR Contact: 11/13/2020
Number of Days to Update: 73	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 06/22/2020	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 06/22/2020	Telephone: 916-323-3400
Date Made Active in Reports: 09/04/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 74	Next Scheduled EDR Contact: 04/05/2021
	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	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 11/13/2020
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/22/2021
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/13/2020
Number of Days to Update: 79

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
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: 08/06/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

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: 08/19/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 14

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
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: 10/16/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/22/2021
Next Scheduled EDR Contact: 05/03/2021
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/29/2021
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/04/2020
Next Scheduled EDR Contact: 02/22/2021
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: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
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: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
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: 10/05/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/08/2020	Source: Department of Conservation
Date Data Arrived at EDR: 09/08/2020	Telephone: 916-322-1080
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/08/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	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: 08/31/2020	Source: Department of Public Health
Date Data Arrived at EDR: 08/31/2020	Telephone: 916-558-1784
Date Made Active in Reports: 11/20/2020	Last EDR Contact: 12/01/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/10/2020	Telephone: 916-445-9379
Date Made Active in Reports: 01/27/2021	Last EDR Contact: 11/09/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/22/2021
	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: 08/31/2020	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 08/31/2020	Telephone: 916-445-4038
Date Made Active in Reports: 11/20/2020	Last EDR Contact: 12/01/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/08/2020	Source: Department of Conservation
Date Data Arrived at EDR: 09/08/2020	Telephone: 916-323-3836
Date Made Active in Reports: 12/01/2020	Last EDR Contact: 12/08/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 12/07/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/09/2020	Telephone: 916-445-3846
Date Made Active in Reports: 12/10/2020	Last EDR Contact: 12/07/2020
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/29/2021
	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: 09/08/2020	Source: Department of Conservation
Date Data Arrived at EDR: 09/08/2020	Telephone: 916-445-2408
Date Made Active in Reports: 12/01/2020	Last EDR Contact: 12/08/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 09/08/2020	Source: State Water Resource Control Board
Date Data Arrived at EDR: 09/08/2020	Telephone: 866-480-1028
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/04/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	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: 11/19/2019	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 01/07/2020	Telephone: 559-445-5577
Date Made Active in Reports: 03/09/2020	Last EDR Contact: 01/08/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 11/13/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/01/2021
	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 12/15/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 09/08/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/08/2020	Telephone: 866-480-1028
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/04/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
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: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
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: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/01/2021
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: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
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: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

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: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
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: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
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: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
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: 10/02/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/12/2021
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: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
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: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
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: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 71

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/03/2021
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: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 84

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
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: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/18/2020
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/05/2021
	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	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/17/2019	Telephone: 626-458-6973
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 01/15/2021
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/26/2021
	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: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/18/2020
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/05/2021
	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: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/18/2020
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/05/2021
	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: 07/20/2020	Source: Community Health Services
Date Data Arrived at EDR: 10/09/2020	Telephone: 323-890-7806
Date Made Active in Reports: 12/29/2020	Last EDR Contact: 01/12/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 04/26/2021
	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	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 10/07/2020
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/25/2021
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 01/19/2021
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/03/2021
	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: 09/11/2020	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/07/2020	Telephone: 310-618-2973
Date Made Active in Reports: 12/23/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/03/2021
	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: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 11/11/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/01/2021
	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	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 12/21/2020
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2020	Source: Merced County Environmental Health
Date Data Arrived at EDR: 07/30/2020	Telephone: 209-381-1094
Date Made Active in Reports: 07/31/2020	Last EDR Contact: 11/11/2020
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/24/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/15/2020
Next Scheduled EDR Contact: 03/08/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 56

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
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: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
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: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 79

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/21/2021
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
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: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
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: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
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: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
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: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
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: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
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: 08/04/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 82

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/23/2020
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
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: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
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: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/03/2021
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: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 82

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
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: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
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: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
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: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/22/2021
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: 12/01/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/20/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
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: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
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: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SHASTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
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: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 09/16/2020
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
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: 09/18/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 83

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 08/11/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List

Cupa program facilities

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
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: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/28/2020	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 10/22/2020	Telephone: 805-654-2813
Date Made Active in Reports: 01/12/2021	Last EDR Contact: 01/19/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/02/2021
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 12/21/2020
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/12/2021
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/05/2020
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/22/2021
	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: 09/28/2020	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/22/2020	Telephone: 805-654-2813
Date Made Active in Reports: 01/12/2021	Last EDR Contact: 01/20/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/03/2021
	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: 08/26/2020	Source: Environmental Health Division
Date Data Arrived at EDR: 09/08/2020	Telephone: 805-654-2813
Date Made Active in Reports: 12/01/2020	Last EDR Contact: 12/08/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/22/2021
	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: 12/21/2020	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/23/2020	Telephone: 530-666-8646
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 12/20/2020
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/11/2021
	Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2021
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 02/03/2021
Number of Days to Update: 6

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
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: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
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: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
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: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

434038
2801 PINOLE VALLEY ROAD
PINOLE, CA 94564

TARGET PROPERTY COORDINATES

Latitude (North):	37.99397 - 37° 59' 38.29"
Longitude (West):	122.284927 - 122° 17' 5.74"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	562788.6
UTM Y (Meters):	4205181.5
Elevation:	56 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640624 RICHMOND, CA
Version Date:	2012

North Map:	5602140 MARE ISLAND, 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).

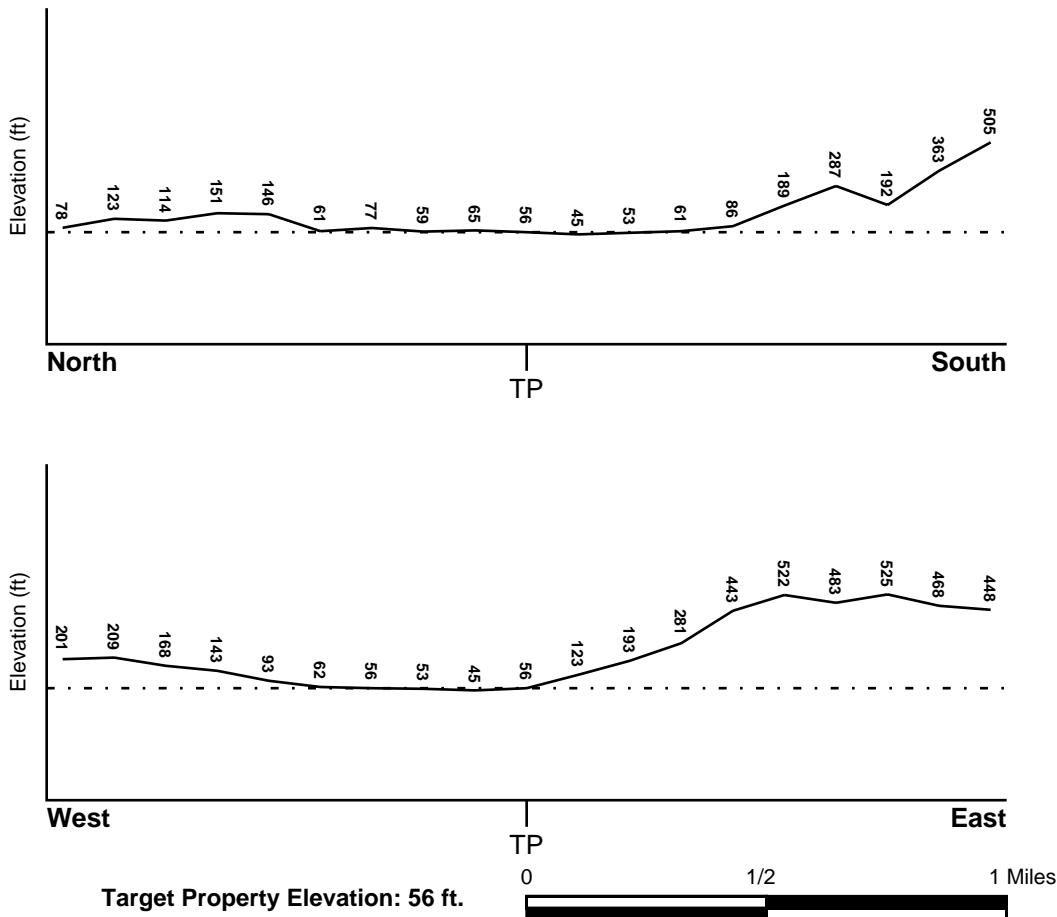
TOPOGRAPHIC INFORMATION

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 West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06013C0231F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06013C0044G	FEMA FIRM Flood data
06013C0043G	FEMA FIRM Flood data
06013C0232F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
RICHMOND	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
B15	1/8 - 1/4 Mile NNW	Not Reported
E30	1/2 - 1 Mile West	Not Reported
1G	1/8 - 1/4 Mile NNW	Not Reported
2G	1/2 - 1 Mile West	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

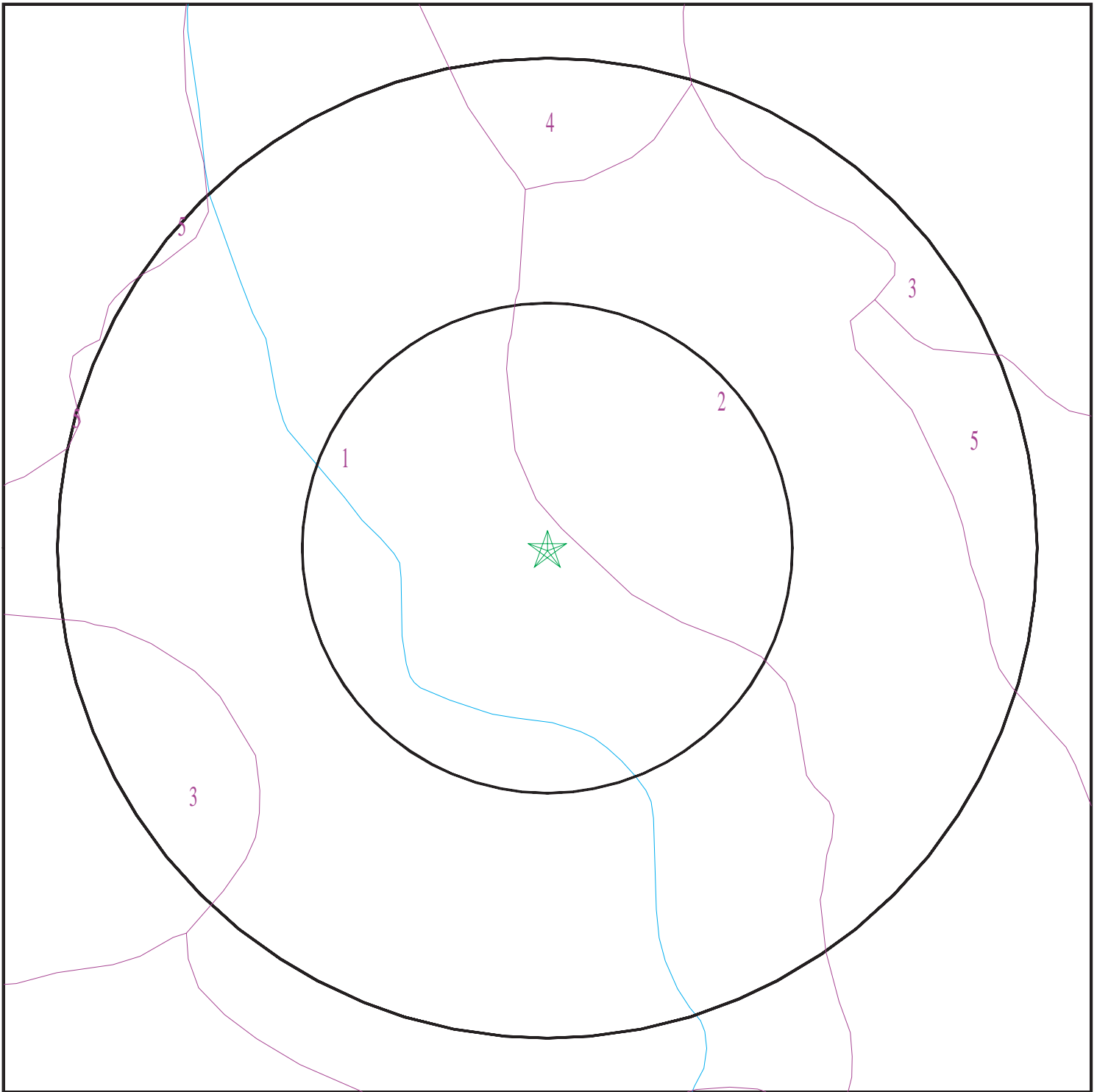
Era: Cenozoic
System: Tertiary
Series: Miocene
Code: Tm (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

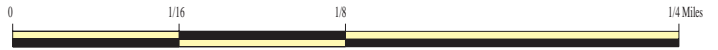
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6355692.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 434038
ADDRESS: 2801 Pinole Valley Road
Pinole CA 94564
LAT/LONG: 37.99397 / 122.284927

CLIENT: AEI Consultants
CONTACT: Christian Cagonot
INQUIRY #: 6355692.2s
DATE: February 04, 2021 1:24 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	29 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: CUT AND FILL LAND (fill part)

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Map ID: 3

Soil Component Name: LOS OSOS

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
3	31 inches	35 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: CUT AND FILL LAND (fill part)

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 30 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: MILLSHOLM

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 30 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
2	11 inches	16 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CAEDF0000094077	0 - 1/8 Mile North
A2	CAEDF0000093004	0 - 1/8 Mile NW
A3	CAEDF0000143679	0 - 1/8 Mile NW
A4	CAEDF0000033233	0 - 1/8 Mile NW
A5	CAEDF0000119831	0 - 1/8 Mile NW
A6	CAEDF0000107327	0 - 1/8 Mile NNW
A7	CAEDF0000017826	0 - 1/8 Mile NNW
A8	CAEDF0000043861	0 - 1/8 Mile NNW
A9	CAEDF0000124247	0 - 1/8 Mile NNW
B10	CAEDF0000019851	1/8 - 1/4 Mile North
B11	CAEDF0000048886	1/8 - 1/4 Mile North
B12	CAEDF0000023709	1/8 - 1/4 Mile North
B13	CAEDF0000143307	1/8 - 1/4 Mile North
B14	CAEDF0000051246	1/8 - 1/4 Mile North
C16	CAEDF0000130984	1/8 - 1/4 Mile South
C17	CAEDF0000116006	1/8 - 1/4 Mile South
C18	CAEDF0000089419	1/8 - 1/4 Mile South
D19	CAEDF0000038227	1/2 - 1 Mile NNW
D20	CAEDF0000062526	1/2 - 1 Mile NNW
D21	CAEDF0000047722	1/2 - 1 Mile NNW
D22	CAEDF0000140039	1/2 - 1 Mile NNW
D23	CAEDF0000120231	1/2 - 1 Mile NNW
D24	CAEDF0000011882	1/2 - 1 Mile NNW
D25	CAEDF0000132136	1/2 - 1 Mile NNW
D26	CAEDF0000113246	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

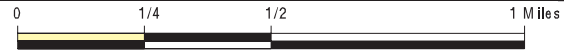
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
D27	CAEDF0000080894	1/2 - 1 Mile NNW
E28	CAEDF0000094085	1/2 - 1 Mile West
E29	CAEDF0000097809	1/2 - 1 Mile West
E31	CAEDF0000021350	1/2 - 1 Mile West
E32	CAEDF0000132477	1/2 - 1 Mile West
E33	CAEDF0000130868	1/2 - 1 Mile West
E34	CAEDF0000045310	1/2 - 1 Mile West
E35	CAEDF0000068813	1/2 - 1 Mile West
E36	CAEDF0000005713	1/2 - 1 Mile West
E37	CAEDF0000089179	1/2 - 1 Mile West
E38	CAEDF0000095016	1/2 - 1 Mile West
E39	CAEDF0000059337	1/2 - 1 Mile West
E40	CAEDF0000076340	1/2 - 1 Mile West
E41	CAEDF0000044018	1/2 - 1 Mile West
E42	CAEDF0000140273	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 6355692.2s



- 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: 434038
 ADDRESS: 2801 Pinole Valley Road
 Pinole CA 94564
 LAT/LONG: 37.99397 / 122.284927

CLIENT: AEI Consultants
 CONTACT: Christian Cagonot
 INQUIRY #: 6355692.2s
 DATE: February 04, 2021 1:24 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000094077

Well ID:	T0601300401-A-1	Well Type:	MONITORING
Source:	EDF	Other Name:	A-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300401&assigned_name=A-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300401&assigned_name=A-1		

A2
NW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000093004

Well ID:	T0601300401-A-4	Well Type:	MONITORING
Source:	EDF	Other Name:	A-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300401&assigned_name=A-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300401&assigned_name=A-4		

A3
NW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000143679

Well ID:	T0601300401-A-5	Well Type:	MONITORING
Source:	EDF	Other Name:	A-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300401&assigned_name=A-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300401&assigned_name=A-5		

A4
NW
0 - 1/8 Mile
Lower

CA WELLS CAEDF0000033233

Well ID:	T0601300401-A-2	Well Type:	MONITORING
Source:	EDF	Other Name:	A-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300401&assigned_name=A-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300401&assigned_name=A-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

**A5
NW
0 - 1/8 Mile
Higher**

CA WELLS CAEDF0000119831

Well ID:	T0601300401-A-3	Well Type:	MONITORING
Source:	EDF	Other Name:	A-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300401&assigned_name=A-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300401&assigned_name=A-3		

**A6
NNW
0 - 1/8 Mile
Higher**

CA WELLS CAEDF0000107327

Well ID:	T0601300351-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300351&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300351&assigned_name=MW-8		

**A7
NNW
0 - 1/8 Mile
Higher**

CA WELLS CAEDF0000017826

Well ID:	T0601300351-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300351&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300351&assigned_name=MW-5		

**A8
NNW
0 - 1/8 Mile
Lower**

CA WELLS CAEDF0000043861

Well ID:	T0601300351-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300351&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300351&assigned_name=MW-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A9
NNW
0 - 1/8 Mile
Lower

CA WELLS CAEDF0000124247

Well ID:	T0601300351-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300351&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300351&assigned_name=MW-7		

B10
North
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000019851

Well ID:	T0601300658-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300658&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300658&assigned_name=MW-1		

B11
North
1/8 - 1/4 Mile
Higher

CA WELLS CAEDF0000048886

Well ID:	T0601300658-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300658&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300658&assigned_name=MW-3		

B12
North
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000023709

Well ID:	T0601300658-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300658&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300658&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B13
North
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000143307

Well ID:	T0601300658-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300658&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300658&assigned_name=MW-4		

B14
North
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000051246

Well ID:	T0601300658-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300658&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300658&assigned_name=MW-5		

B15
NNW
1/8 - 1/4 Mile
Lower

AQUIFLOW 64852

Site ID:	38539
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	3.5
Date:	01/02/1985

C16
South
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000130984

Well ID:	T0601300340-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300340&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300340&assigned_name=MW-3		

C17
South
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000116006

Well ID:	T0601300340-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300340&assigned_name=MW-2&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300340&assigned_name=MW-2

C18
South
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000089419

Well ID: T0601300340-MW-1 Well Type: MONITORING
 Source: EDF Other Name: MW-1
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300340&assigned_name=MW-1&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300340&assigned_name=MW-1

D19
NNW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000038227

Well ID: T0601300264-S-11 Well Type: MONITORING
 Source: EDF Other Name: S-11
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-11&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-11

D20
NNW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000062526

Well ID: T0601300264-S-9 Well Type: MONITORING
 Source: EDF Other Name: S-9
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-9&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-9

D21
NNW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000047722

Well ID: T0601300264-S-1 Well Type: MONITORING
 Source: EDF Other Name: S-1
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-1&store_num=

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-1

**D22
NNW
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000140039

Well ID:	T0601300264-S-2	Well Type:	MONITORING
Source:	EDF	Other Name:	S-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-2		

**D23
NNW
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000120231

Well ID:	T0601300264-S-3	Well Type:	MONITORING
Source:	EDF	Other Name:	S-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-3		

**D24
NNW
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000011882

Well ID:	T0601300264-S-7	Well Type:	MONITORING
Source:	EDF	Other Name:	S-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-7		

**D25
NNW
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000132136

Well ID:	T0601300264-S-12	Well Type:	MONITORING
Source:	EDF	Other Name:	S-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D26
NNW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000113246

Well ID:	T0601300264-S-4	Well Type:	MONITORING
Source:	EDF	Other Name:	S-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-4		

D27
NNW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000080894

Well ID:	T0601300264-S-10	Well Type:	MONITORING
Source:	EDF	Other Name:	S-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300264&assigned_name=S-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300264&assigned_name=S-10		

E28
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000094085

Well ID:	T0601300298-MW-5A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-5A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-5A		

E29
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000097809

Well ID:	T0601300298-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-13		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

E30
West
1/2 - 1 Mile
Higher

Site ID: 07-0039
 Groundwater Flow: Not Reported
 Shallow Water Depth: 12.76
 Deep Water Depth: 35.47
 Average Water Depth: Not Reported
 Date: 12/04/1998

AQUIFLOW 38531

E31
West
1/2 - 1 Mile
Higher

Well ID: T0601300298-MW-11 Well Type: MONITORING
 Source: EDF Other Name: MW-11
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-11&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-11

CA WELLS CAEDF0000021350

E32
West
1/2 - 1 Mile
Higher

Well ID: T0601300298-MW-15 Well Type: MONITORING
 Source: EDF Other Name: MW-15
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-15&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-15

CA WELLS CAEDF0000132477

E33
West
1/2 - 1 Mile
Higher

Well ID: T0601300038-MW-6 Well Type: MONITORING
 Source: EDF Other Name: MW-6
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300038&assigned_name=MW-6&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300038&assigned_name=MW-6

CA WELLS CAEDF0000130868

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E34
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000045310

Well ID:	T0601300038-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300038&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300038&assigned_name=MW-3		

E35
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000068813

Well ID:	T0601300298-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-8		

E36
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000005713

Well ID:	T0601300038-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300038&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300038&assigned_name=MW-4		

E37
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000089179

Well ID:	T0601300298-MW-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-4A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E38
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000095016

Well ID:	T0601300298-MW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-2A		

E39
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000059337

Well ID:	T0601300038-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300038&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300038&assigned_name=MW-2		

E40
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000076340

Well ID:	T0601300038-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300038&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300038&assigned_name=MW-5		

E41
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000044018

Well ID:	T0601300298-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E42
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000140273

Well ID:	T0601300298-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300298&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300298&assigned_name=MW-6		

1G
NNW
1/8 - 1/4 Mile
Lower

Site ID:	38539
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	3.5
Date:	01/02/1985

AQUIFLOW 64852

2G
West
1/2 - 1 Mile
Lower

Site ID:	07-0039
Groundwater Flow:	Not Reported
Shallow Water Depth:	12.76
Deep Water Depth:	35.47
Average Water Depth:	Not Reported
Date:	12/04/1998

AQUIFLOW 38531

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94564	9	0

Federal EPA Radon Zone for CONTRA COSTA County: 2

- 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 CONTRA COSTA COUNTY, CA

Number of sites tested: 55

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.760 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.300 pCi/L	100%	0%	0%
Basement	0.525 pCi/L	100%	0%	0%

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.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

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.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA 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

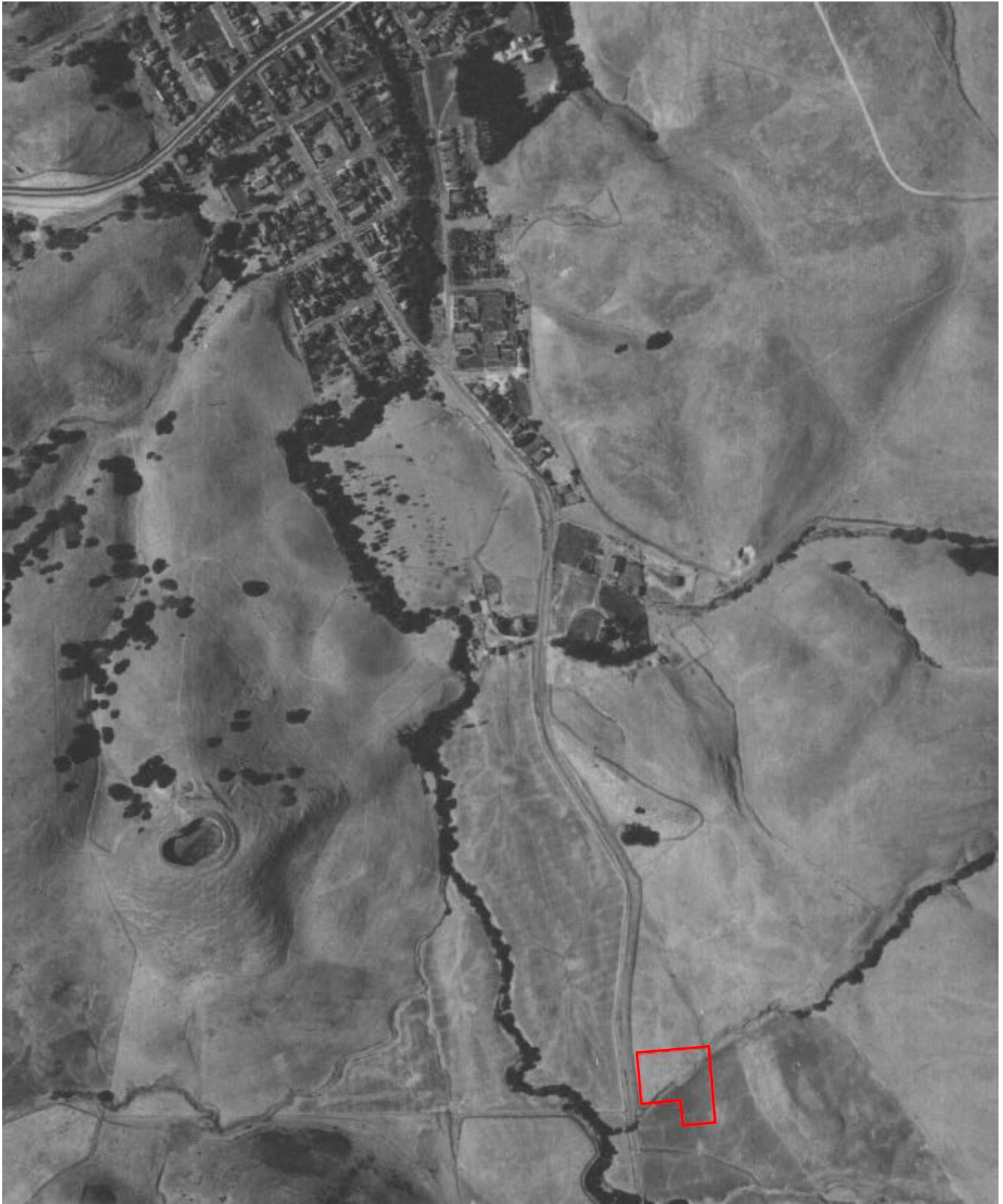
California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D

HISTORICAL SOURCES



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1939

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 

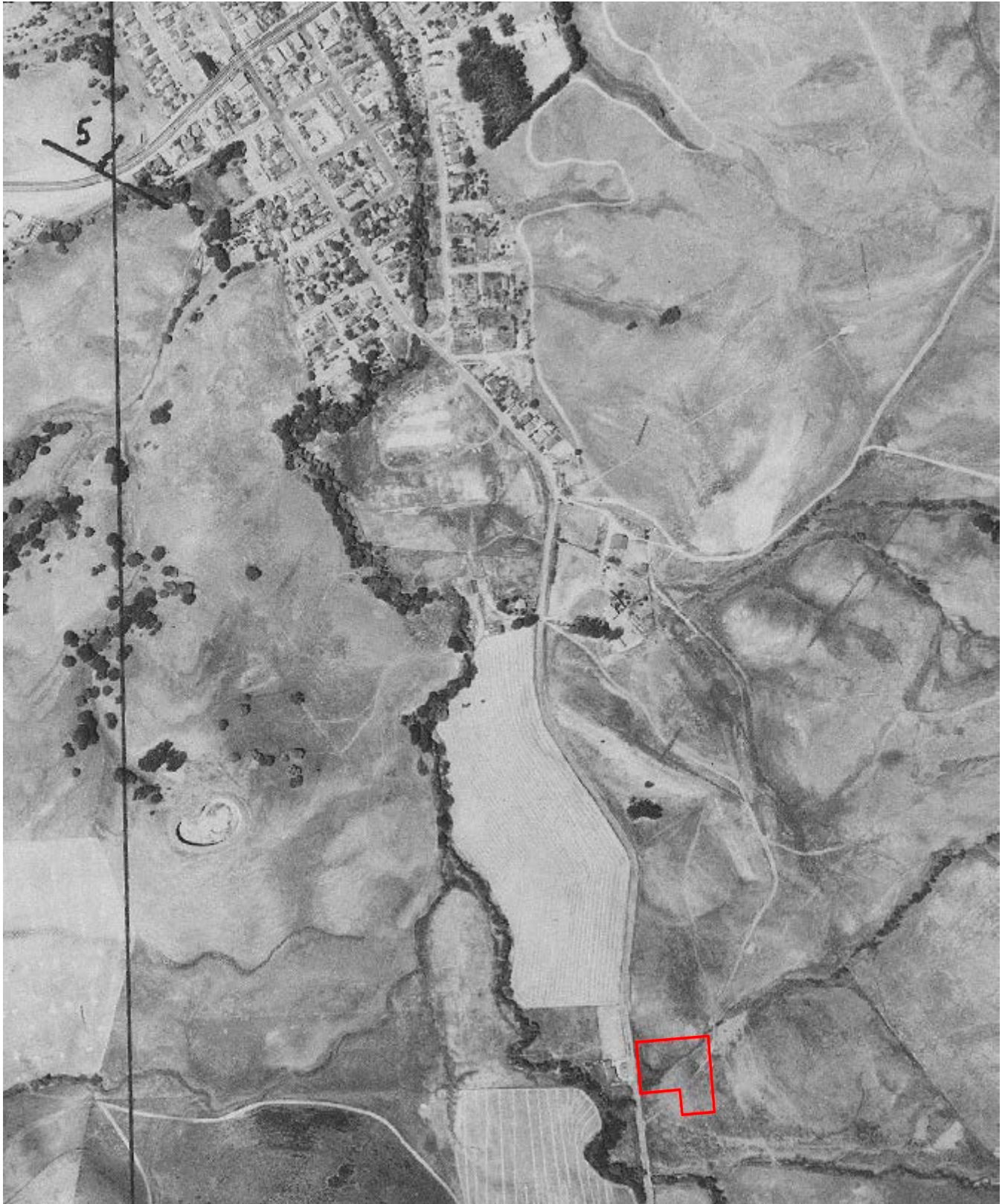


AERIAL PHOTOGRAPH - 1946

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1950

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1958

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 

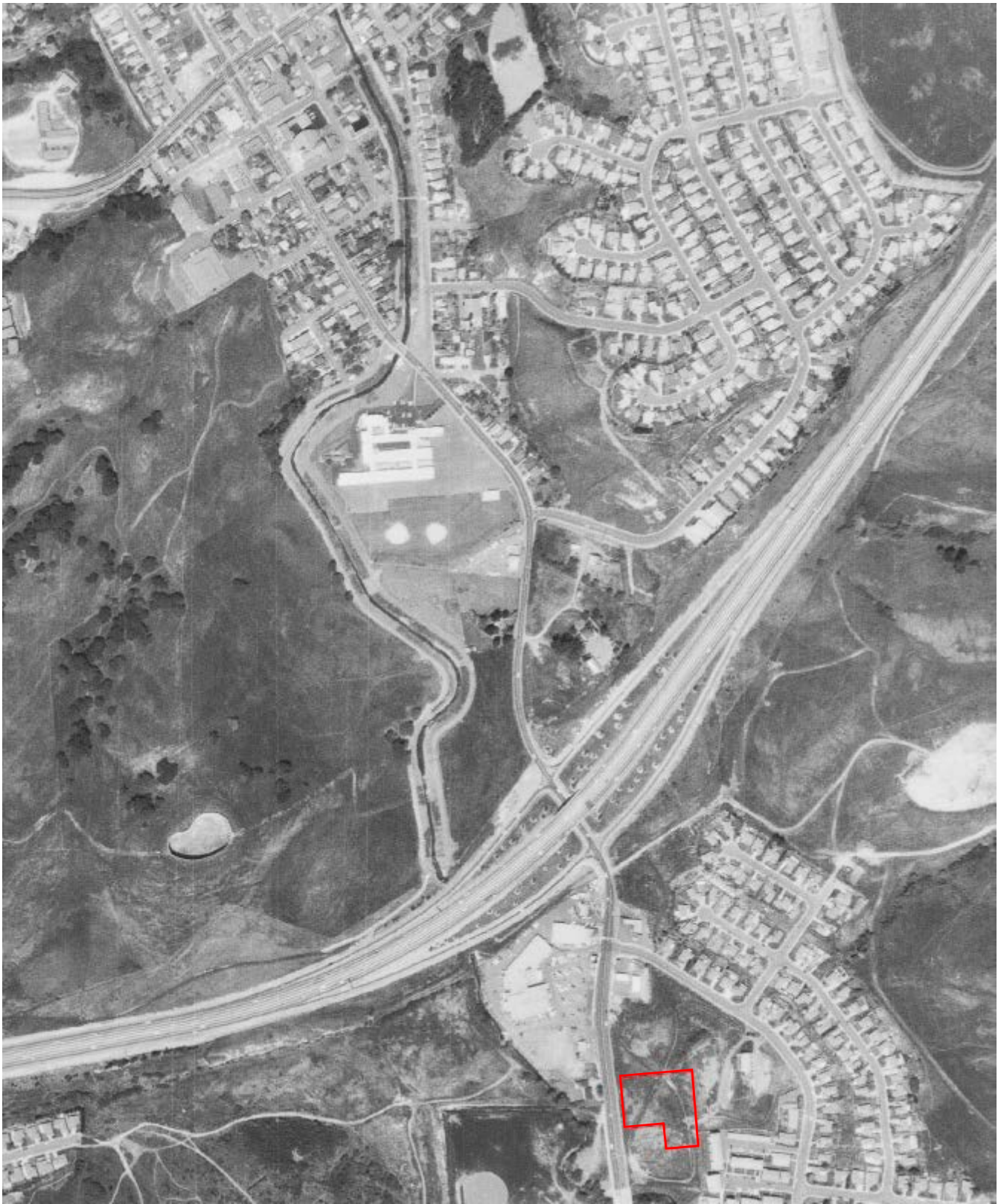


AERIAL PHOTOGRAPH - 1963

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 

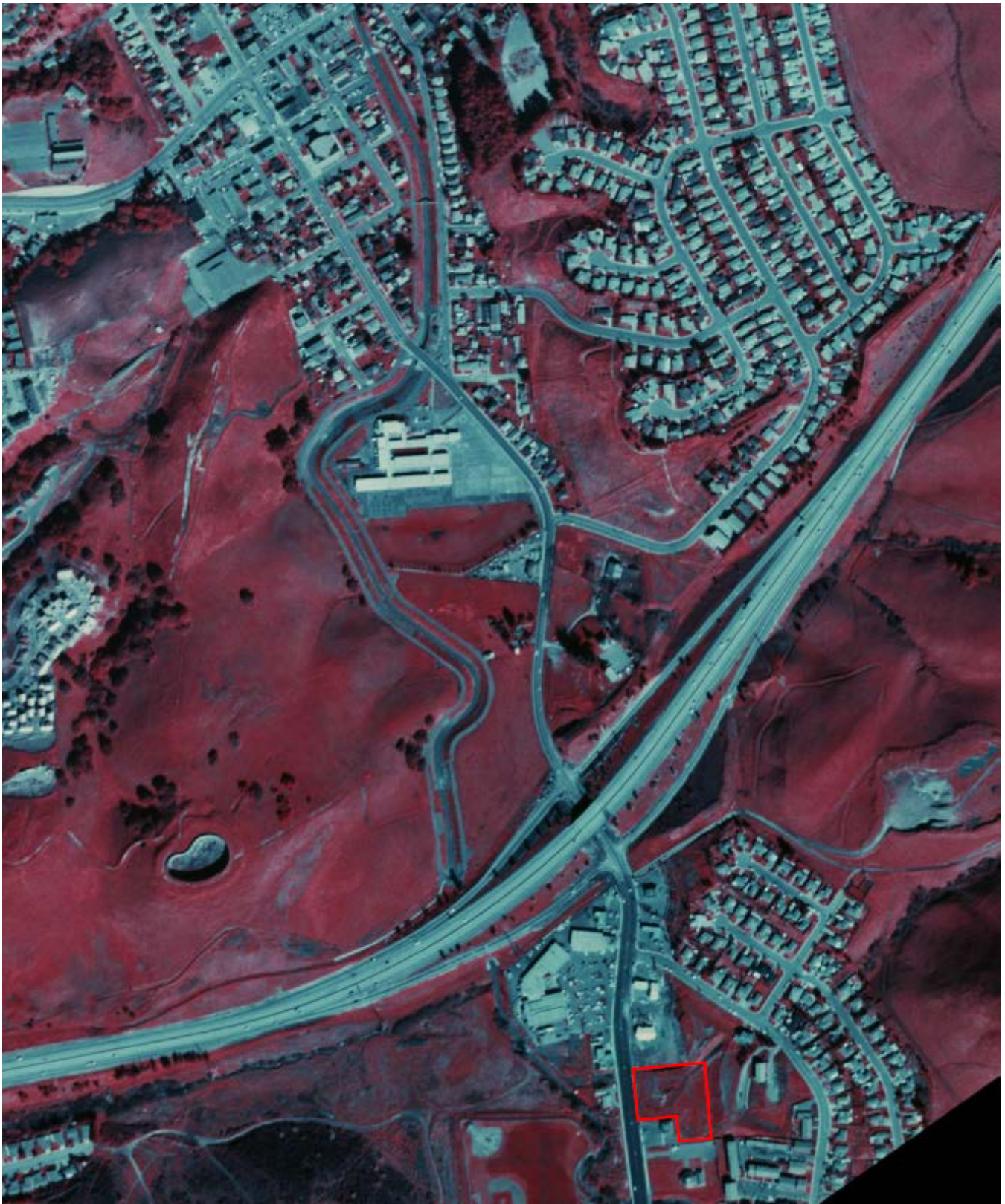


AERIAL PHOTOGRAPH - 1968

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1974

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1982

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1993

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1998

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 

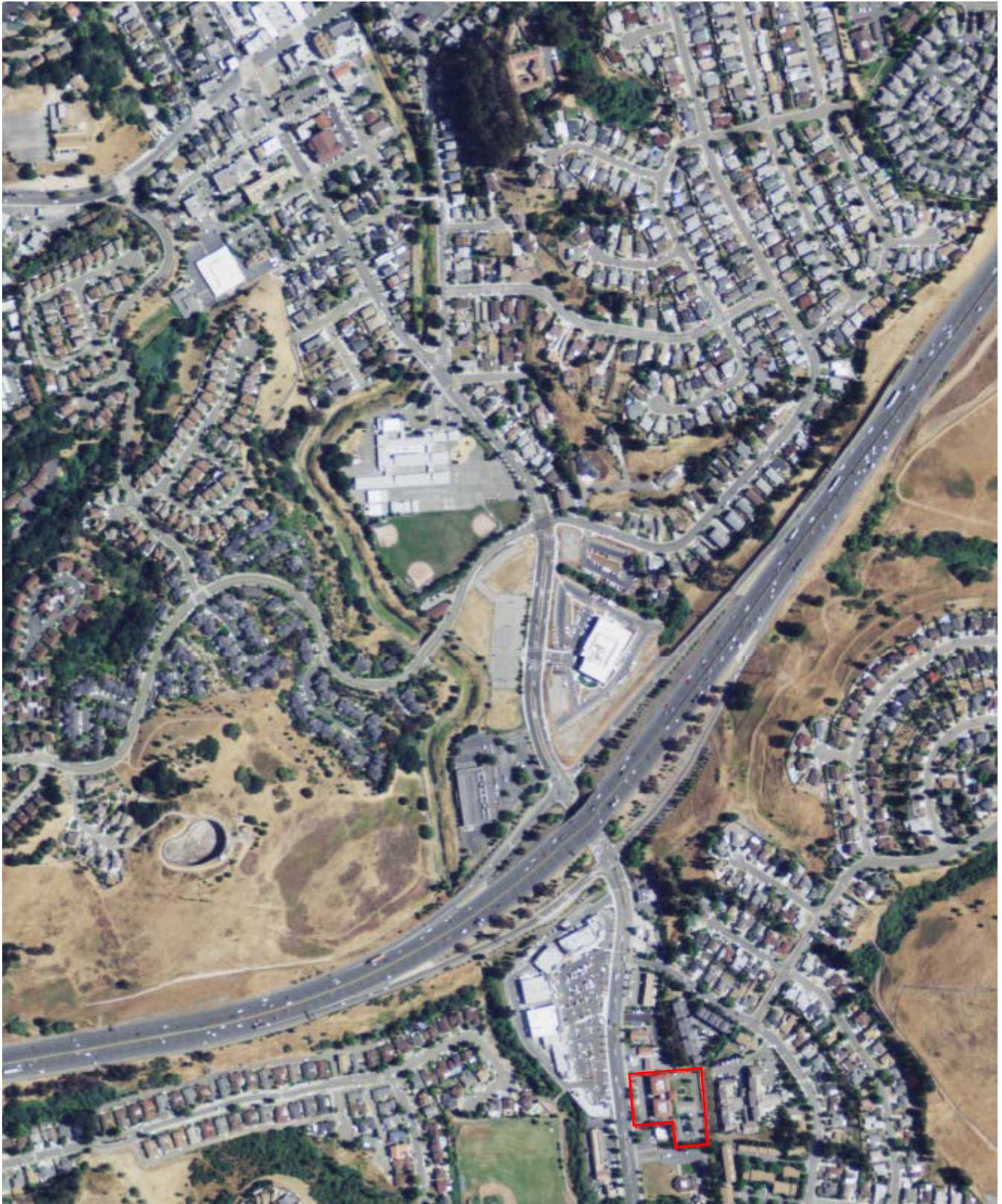


AERIAL PHOTOGRAPH - 2005

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 

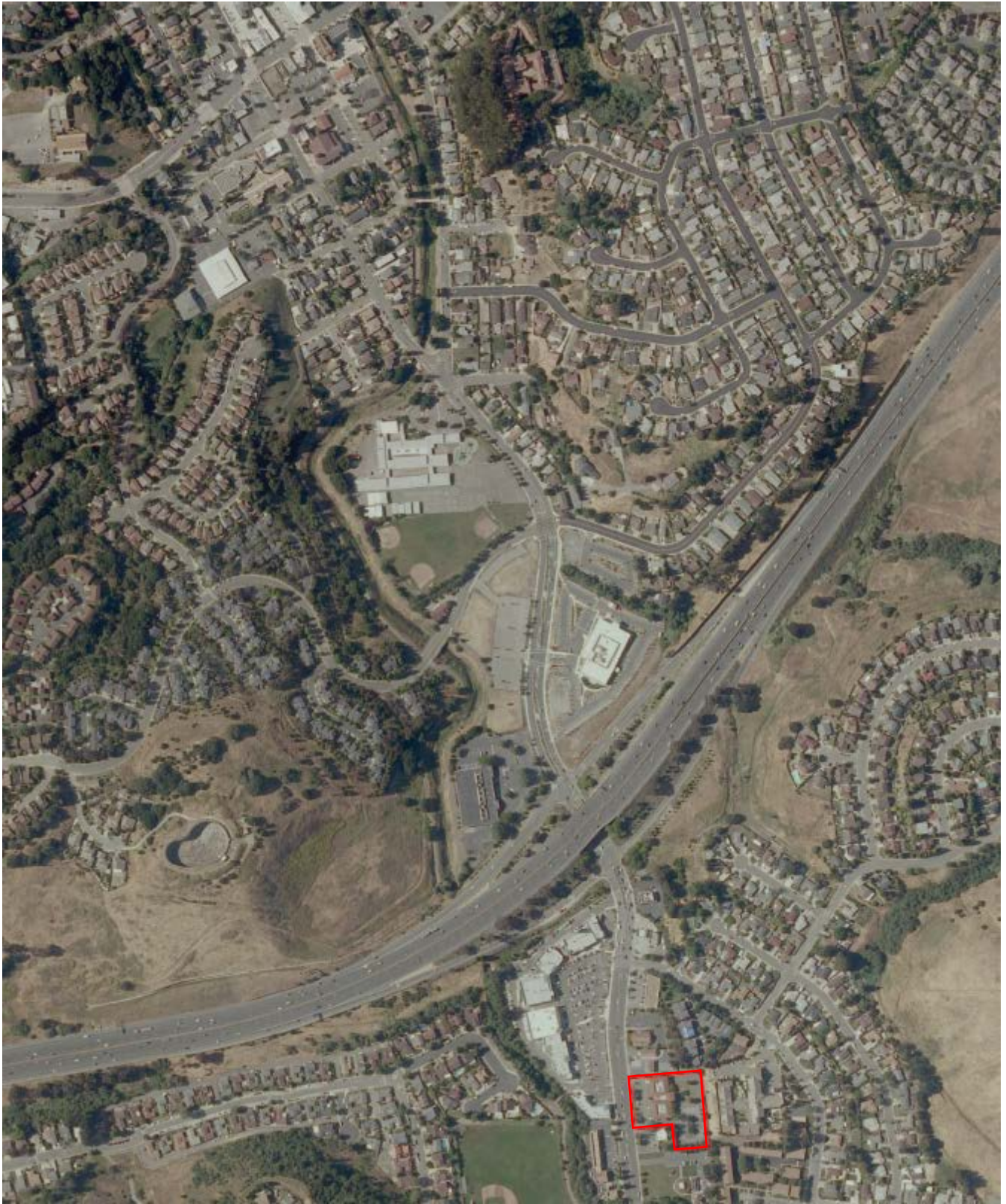


AERIAL PHOTOGRAPH - 2009

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2010

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2012

2801 Pinole Valley Road, Pinole, California 94564

Project Number: 434038

AEI
Consultants

434038

2801 Pinole Valley Road

Pinole, CA 94564

Inquiry Number: 6355692.3

February 04, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

02/04/21

Site Name:

434038
2801 Pinole Valley Road
Pinole, CA 94564
EDR Inquiry # 6355692.3

Client Name:

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
Contact: Christian Cagonot



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Certified Sanborn Results:

Certification # DD04-4066-AF89
PO # 247916
Project 434038



Sanborn® Library search results

Certification #: DD04-4066-AF89

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

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434038

2801 Pinole Valley Road
Pinole, CA 94564

Inquiry Number: 6355692.5
February 08, 2021

The EDR-City Directory Image Report

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City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report 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 Report includes a search of available city directory data at 5 year intervals.

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. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

2801 Pinole Valley Road
Pinole, CA 94564

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

PINOLE VALLEY RD

2017	pg A2	EDR Digital Archive
2014	pg A4	EDR Digital Archive
2010	pg A6	EDR Digital Archive
2005	pg A7	EDR Digital Archive
2000	pg A8	EDR Digital Archive
1995	pg A9	EDR Digital Archive
1992	pg A10	EDR Digital Archive
1985	pg A11	Haines Criss-Cross Directory
1980	pg A12	Haines Criss-Cross Directory
1975	pg A13	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

PINOLE VALLEY RD 2017

2700	YOGURTLAND
2701	JAY VEE LIQUORS
	PINOLE CLEANERS
	SOBAN
	THAI SPICE
	YUMYGURT
2704	EYE LOVE OPTOMETRY
	FIAT MUSIC CO
	PARK L HSIEH OD
2712	PEETS COFFEE
2718	HAPPY SASHIMI
2720	SAMA ACADEMY OF MARTIAL ARTS
2722	FIAT MUSIC COMPANYYASCAP
2727	SHERWINWILLIAMS
2742	TRADER JOES
2747	PINOLE VALLEY ARCO
2762	GENTLE DENTAL
2768	SUBWAY
2780	FIVE GUYS BURGERS & FRIES
2782	THE JOINT CHIROPRACTIC
2792	SUPERCUTS
2794	JAMBA JUICE
2800	KRISPY KREME DOUGHNUTS
2801	ALAMODE DONUT SHOP
	ALLSTATE
	ATHENA WEALTH STRATEGIES
	BANIQUED REALTORS
	BANIQUED REALTY
	BRANDON G JUNG DC
	CANDELARIO INSURANCE INC
	CREATIVE FUNDING
	DABS INC
	EPSTEIN HUSBY IMMIGRATION LAW
	GARRISON BOLGER DC
	GARRISON CECILIA BOLGER DC
	HEGARTY, DEBORAH
	IMAGE DEBEAUTE
	JUNG & JUNG CHIROPRACTIC
	JUNG, BRANDON G
	LAW OFFICES OF AYANA K
	LEBON REAL ESTATE INC
	LIBERTY TAX SERVICE
	LIM, VINCENT
	MORI P E INSURANCE SERVICES
	SCOTT J HEUN DC CCSP DC
	STRATEGIC RELIANCE GROUP SECURITY
	TAMMYS NAILS & SPA
	TRANSITIONS SALON
	ULTIMATE DREAM BUILDER INC
	VINCENT LIM DDS

PINOLE VALLEY RD

2017

(Cont'd)

2801	VPL
2810	LUXURY NAIL SALON
2814	JENNY CRAIG
2830	JENNY CRAIG
	KRISPY KREME DOUGHNUTS
	MOD PIZZA
	YOUTHFUL TOOTH DENTAL OFFICE INC
2860	METROPCS
	MP NAIL & SPA
	SKIN CARE STUDIO
2870	THE RED ONION ORIGINAL
2885	PINOLE VALLEY COMMUNITY CHURCH
	SEVENTH DAY BAPTIST CHURCHBAY AREA
2900	PINOLE VALLEY HIGH SCHOOL

PINOLE VALLEY RD 2014

2700	YOGURTLAND
2701	JAY VEE LIQUORS PINOLE CLEANERS SOBAN THAI SPICE YUMYGURT
2704	EYE LOVE OPTOMETRY HSIEH PARK L OD
2708	TMOBILE TMOBILE PINOLE
2712	PEETS COFFEE & TEA
2718	HAPPY SASHIMI
2720	SAMA ACADEMY OF MARTIAL ARTS
2722	FIAT MUSIC COMPANYASCAP
2727	WAFFLE SHOP
2742	TRADER JOES
2747	PINOLE VALLEY ARCO
2762	GENTLE DENTAL
2780	FIVE GUYS BURGERS & FRIES
2792	SUPERCUTS
2794	JAMBA JUICE
2800	KRISPY KREME DOUGHNUTS
2801	ADT SECURITY SERVICES ALAMODE DONUT SHOP ALLSTATE ANGELICA VIROLA ALLSTATE INSURANCE BANIQUED REALTORS BANIQUED REALTY BOLGERGARRISON CECILIA DC CREATIVE FUNDING EPSTEIN HUSBY IMMIGRATION LAW HEGARTY, DEBORAH HEUN CHIROPRACTIC OFFICES HEUN SCOTT J DC CCSP DC IMAGE DEBEAUTE INSURANCE INC CANDELARIO J & M DENTAL SUPPLIES INC JUNG & JUNG CHIROPRACTIC JUNG BRANDON G DC JUNG RANDALL G DC QME DC JUNG, BRANDON G LIM VINCENT PATRICK DDS LIM, VINCENT MORI P E INSURANCE SERVICES STRATEGIC RELIANCE GROUP SECURITY TAMMYS NAILS & SPA TRANSITIONS
2830	LIBERTY TAX SERVICE
2860	BELL SECURITY GROUP CALIFORNIA PACIFIC UNIVERSITY

PINOLE VALLEY RD

2014

(Cont'd)

2860 METROPCS
MP NAIL & SPA
2870 RED ONION ORIGINAL THE
2885 PINOLE VALLEY COMMUNITY CHURCH
SEVENTH DAY BAPTIST CHURCHBAY AREA
2900 PINOLE VALLEY HIGH SCHOOL
WEST CONTRA COSTA UNIFIED SCHOOL DIS

PINOLE VALLEY RD 2010

- 2701 JAY VEE LIQUORS
- PINOLE CLEANERS
- THAI SPICE
- YUMYGURT
- 2712 PEETS COFFEE & TEA
- 2720 SATORI ACADEMY
- 2722 FIAT MUSIC COASCAP
- 2727 WAFFLE SHOP
- 2742 TRADER JOES
- 2750 WALGREENS
- 2768 SUBWAY
- 2794 JAMBA JUICE
- 2801 ALA MODE DONUT SHOP
- ALLSTATE INSURANCE CO
- BANIQUED, BRIAN S
- BEAUTY IMAGE
- BENJAMIN DOZIER LCSW
- CREATIVE FUNDING
- EVERGREEN MEDICINE
- JUNG & JUNG CHIROPRACTIC
- JUNG, BRANDON G
- LEBON REAL ESTATE INC
- PEREZ, ANTONIO M
- PNL HOLISTIC HEALTH
- RAF INVESTMENT SVC
- TAMMYS NAILS & SPA
- TRANSITIONS SALON
- 2814 PINOLE ART CTR TOO
- 2830 JACKSON HEWITT TAX SVC
- YOUTHFUL TOOTH
- YOUTHFUL TOOTH FOR ADULTS
- 2860 BARRY EVANS STUDIO
- CASA LATINO BAY AREA REALTY
- NEW HAIR SKIN & NAILS
- PARAGON HELEN
- PGV ACCOUNTING SVC
- 2869 7ELEVEN
- 2870 ORIGINAL RED ONION
- 2885 PINOLE VALLEY COMMUNITY CHURCH
- 2900 CONTRA COSTA CO OFFICEED ROP
- PINOLE VALLEY HIGH SCHOOL
- SIGMA HIGH SCHOOL

PINOLE VALLEY RD 2005

2701	JAY VEE LIQUORS MAI, S PINOLE CLEANERS THAI SPICE
2704	FIATARONE MARIE LOUISE CLASICAL JAZZ
2706	BAY AREA SPA REPAIR FAST CASH GOVERNMENT POSTER SERVICE MARYS PINS AND NEEDLES PROMO ZION SCOTT ENGRAVING MACHINES
2708	CLOTHESLINE THE PINOLE COIN OP LAUNDRY
2710	CUTS FITNESS FOR MEN
2712	PINOLE VALLEY HIGH SCHOOL ART
2718	PINOLE VALLEY BARBER SHOP
2720	SOMETHING NIFTY CERAMICS
2727	WAFFLE SHOP
2747	PINOLE VALLEY A R C O
2762	JACKSON HEWITT TAX SERVICE
2768	SUBWAY SANDWICH & SALADS
2780	BLOCKBUSTER VIDEO
2792	FLYING COW BAKERY & CAFE
2801	ALAMODE DONUT SHOP ALLSTATE AMERICAN PROTECTIVE SERVICES BANIQUED REALTORS CURVES PINOLE JUNG RANDALL G DC QME JUNG, BRANDON G PE MORI INSURANCE SERVICES PLATINUM MORTGAGE GROUP ROSETE, JESSE TRANSITIONS VIROLA ANGELICA
2830	BROOKS, DOROTHY J DEPOT REAL ESTATE ERNIE GOODS BAR B Q PINOLE SENIOR VILLAGE
2860	BICKHAM, HEIDI CATCH SUM RAYS TANNING & NAIL SALONS CHARLES PULLEN ACCOUNTING & TA VILLANUEVA ED VILLANUEVA, ED
2869	7 ELEVEN FOOD STORES
2870	RED ONION ORIGINAL THE
2900	PINOLE VLY BAPTIST CHURCH

PINOLE VALLEY RD 2000

2700	HOUSE OF HUNAN
2701	JAY VEE LIQUORS PINOLE CLEANERS PIZZA PLENTY YUMYGURT
2704	FIAT MUSIC COMPANY ASCAP JAMES FIAT ORCHESTRA
2708	PINOLE COIN OP LAUNDRY
2718	PINOLE VALLEY BARBER SHOP
2722	99 CENTS UP & MORE
2724	BROOKS, C DEPOT REAL ESTATE
2727	WAFFLE SHOP
2742	HOLIDAY CHARITY BOUTIQUE
2747	PINOLE VALLEY ARCO
2750	LUCKY FOOD CENTERS
2762	STAR CLEANERS
2792	FLYING COW BAKERY & CAFE THE
2801	ALAMODE DONUT ICE CRM SNDWCH & FRZ YGRT SHOP AMERICAN PROTECTIVE SERVICES INCORPORATED BICKHAM PAUL INSURANCE AGENCY FARMERS INSURANCE GROUP AGENTS HEUN SCOTT J DC CCSP HUEN SCOTT J DC CCSP NORTH BAY CHIROPRACTIC PLATINUM MORTGAGE GROUP SEGERDELL BOB INSURANCE AGENCY TRANSITIONS
2810	BEACON OF PINOLE PINOLE VALLEY BEACON
2830	COMIC CARDS ETC CUT IT OUT CUT IT OUT HELEN CUT IT OUT LIZ GENTLE DENTAL HAIR BARN THE YOUTHFUL TOOTH
2860	BARRY EVANS STUDIO CATCH SUM RAYS PINOLE FAMILY VIDEO VILLANUEVA ED INS
2869	LOTTERY TICKET SALES INSTANT GAMES SEVEN ELEVEN FOOD STORES
2870	RED ONION THE
2885	PINOLE VALLEY BAPTIST CHURCH
2900	PINOLE VALLEY HIGH SCHOOL SPARTAN PUBLICATIONS WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT SCHOOLS

PINOLE VALLEY RD 1995

2700	HOUSE OF HUNAN
2701	DRYCLEAN USA
	JAY VEE LIQUORS
	PIZZA PLENTY
	SUBWAY SANDWICHES & SALADS
	YUMYGURT
2704	FIAT MUSIC CO
	FIAT SCHOOL OF LANGUAGES
	MARIE LOUISE FIATAROME CLSSCL
2708	PINOLE COIN OP LAUNDRY
2712	HOLLYWOOD NIGHTS VIDEO
2718	PINOLE VALLEY BARBER SHOP
2722	PARTY FACTORY
2724	DEPOT REAL ESTATE
2727	ZIPS RESTAURANT
2747	PINOLE VALLEY ARCO CAR WASH
2750	LUCKY STORE
2772	LA SPAGHETTATA
2801	A LA MODE DONUT ICE CREAM SHOP
	AMERICAN PROTECTIVE SVC
	BOB SEGERDELL INSURANCE
	CHEW, CHRIS H
	GIOVANNIS BEAUTY SUPPLIES
	GIOVANNIS HAIRCUTTING
	NORTH AMERICAN TITLE CO
	PAUL BICKHAM INSURANCE
	PRUDENTIAL INSURANCE CO
2810	PINOLE VALLEY BEACON
2830	AUSTINS BULLETIN BOARD SVC
	CHILDRENS EXCHANGE
	CUT IT OUT
	LITTLE CAESARS PIZZA
2860	BARRY EVANS STUDIO
	BOSS TRAVEL
	CATCH SUM RAYS
	COSTUME CORNER
	FARMERS INSURANCE GROUP
2869	7 ELEVEN FOOD STORE
2870	RED ONION TWO
2885	PINOLE VALLEY BAPTIST
2900	PINOLE VALLEY HIGH SCHOOL
	PINOLE VALLEY HIGH SCHOOL ARTS

PINOLE VALLEY RD 1992

2700	HOUSE OF HUNAN
2701	DRY CLEAN USA
	JAY VEE LIQUORS
	PIZZA PLENTY
	SUBWAY SNDWCH&SALAD
	YUMYGURT
2704	FIAT MUSIC CO
2706	PARK FLORIST
2708	PINOLE CN OP LNDRY
2712	HOLLYWOOD NIGHT VDO
2714	ONE HR MERC DRY CLN
2718	BILLS BARBER SHOP
2722	PARTY FACTORY
2724	DEPOT REAL ESTATE
2727	ZIPS RESTAURANT
2747	PINOLE VLY CAR WASH
2750	LUCKY FOOD CENTERS
2772	LA SPAGHETTATA
2801	ALAMODE DONUT SHOP
	AMER PROTCTVE PRSNL
	BICKHAM PAUL INS
	E R A SUPERIOR HMS
	FARMERS INS
	GIOVANNIS BTY SPLY
	NORTH AMER TITLE CO
	PRUDENTIAL INS AMER
2810	BEACON OF PINOLE
2830	CHILDRENS EXCHANGE
	CUT IT OUT
	LITTLE CAESARS PZZA
	POSTAL DEPOT
	SCHWINN OF PNLE VLY
	WESTRN UNION PCK UP
2860	BARRY EVANS STUDIO
	BOSS TRAVEL
	CATCH SUM RAYS
	COSTUME CORNER
	SCHULTZ CHIRO CLNC
	VILLANUEVA ED
2869	LOTTERY TICKET SLS
2870	RED ONION THE
2885	PINOLE VLY BAPT CH
2900	PINOLE VLY HI SC
	PINOLE VLY HS FRNSC
	SPARTAN PUBLICATNS

PINOLE VALLEY RD 1985

2700	HOUSE OF HUNAN	758-2028	4
2701	BEACON SV STN 545	758-7799	2
2702	SANFRAN DELI	758-4641	0
2704	FIAT MUSIC CO	758-1117	
	JAMES FIAT ORCHESTR	758-1117	1
2708	ACE HARDWARE	758-0255	+5
	PINOLE VLY ACE HRDW	758-0255	
2710	XXXX	00	
2714	MERCURY DRY CLEANER	758-2161	8
	PARK FLORIST	758-0825	0
	PERATAS PRK FLORIST	758-0825	0
	RUG DOCTOR RENTS	758-2161	0
2718	PINOLE VLY BARBER	758-0315	4
2722	SANDPIPER THE	758-7999	9
2724	LUCKY VIDEO CENTER	758-5038	+5
2727	VIPS RESTAURANT	758-6171	9
	ZIPS RESTURANT	758-6171	4
2728	ACADEMY OF DANCE	758-6022	1
	COSTUME CORNER	758-6022	2
2730	MANUELS HAIRSTYLIST	758-1433	
2734	SCHNEIDER F INTEROR	758-2317	
2742	PINOLE VLY PHARMACY	758-3056	9
	REXALL PINOLE PHRMC	758-3056	
2747	PINOLE VLY CAR WASH	758-9111	0
2752	XXXX	00	
2762	TIA TEYS TAQUERIA	758-8010	4
2772	RED VEST PIZZA PRLR	758-4562	3
2776	EAST BAY PIZZA	758-5670	+5
2782	MAXWELL OFFICE PROD	758-7723	1
2792	ELAINES BAKE SHOP	758-1577	3
2810	DIMALANTAS TEXACO	758-6747	+5
	PINOLE VLY TEXACO	758-6747	3
2830	DEPOT REALTY	758-9700	6
2869	SEVEN 11 PNLE 14206	758-8633	1
2870	DEPOT DOGS	758-4309	+5
2885	PINOLE VLY BAPT CH	758-9313	
2900	PINOLE VLY HI SC	758-4664	
	PINOLE VLY HI SC	758-5261	
	PINOLE VLY HI SC	758-8281	6
	SPARTAN PUBLICATNS	758-7847	2

✓

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PINOLE VALLEY RD 1980

2700★	SYLVINOS SEAFD REST	758-2028	9
2701★	BEACH SERV STN 545	758-7799	8
2702★	SANFRAN DELI	758-4641+0	
2704★	FIAT MUSIC CO	758-1117	2
2708★	PINOLE VLY ACE HDW	758-0255	5
2710	XXXX	00	
2714★	MERCURY DRY CLEANER	758-2161	8
	★ PARK FLORIST	758-0825+0	
	★ PERATA PARK FLORIST	758-0825+0	
	★ RUG DOCTOR RENTS	758-2161+0	
2718★	BILLS BARBER SHOP	758-0990	
2722★	SANDPIPER THE	758-7999	9
	★ SANDPIPER VARIETY	758-7999	8
2724★	BRIDES OF PINOLE	758-4399	9
2727★	VIPS RESTAURANT	758-6171	9
2728★	ACADEMY OF DANCE	758-7766	8
	★ THE ACADEMY DANCE	758-7766	9
2730★	MANUELS HAIRSTYLSTS	758-1433	
2734★	SCHNEIDER F INTEROR	758-2317	
2742★	PINOLE VLY PHARMACY	758-3056	9
	★ REXALL PINOLE PHARM	758-3056	
2747★	PINOLO VLY ARCO	758-9111+0	
2752	XXXX	00	
2762★	ICE CREAM&SUNDAE	758-1304	9
2776★	RED VEST PIZZA	758-4562	8
2782★	CENTRAL STATIONERS	758-2155+0	
2792★	PATTIS BAKERY	758-1577+0	
2810★	PINOLE VLY TEXACO	758-6747+0	
2830★	DEPOT REALTY	758-9700	6
2869★	7 11 FD STR 14206	758-8633+0	
2885★	PINOLE VLY BAPT CH	758-9313	5
2900★	PINOLE VLY HI GYM	758-5261	3
	★ PINOLE VLY HI SCHL	758-4664	
	★ PINOLE VLY HI THTR	758-8281	6

✓

-

PINOLE VALLEY RD 1975

2700*	ANDYS OAK PIT	758-0891	
2701*	PINOLE VLY GULF	758-2400+5	
2702*	VANS DONUT SHOP	758-4641	
2704*	FIAT MUSIC CO	758-1117	2
2708*	PINOLE VLY ACE HDW	758-0255+5	
	*PINOLE VLY HARDWARE	758-0255	
2710*	KANES W BOOTS&SHOES	758-1685	
2714*	ONE HR MERCURY CLNR	758-2161	
2718*	BILLS BARBER SHOP	758-0990	
2722*	PINOLE VLY SPRTG GD	758-4544	
	*VALLEY VARIETY INC	758-1588	
2724*	SECURITY PAC RL EST	758-6100	4
2727*	VIPS RESTAURANT	758-6171+5	
2728*	CAPP HOMES INC	758-2550	3
2730*	MANUELS HAIRSTYLSTS	758-1433	
2734*	SCHNEIDER F INTEROR	758-2317	
2742*	PINOLE VLY PHARMACY	758-3056	
	*REXALL PINOLE PHARM	758-3056	
2810*	ED FLEMINGS TEXACO	758-6747	
	*FLEMINGS TEXACO	758-6747	
2869*	SEVEN ELEVEN 14206	758-8633+5	
2885*	CRISIS HOTLINE	758-3322	3
	*HOTLINE CRISIS	758-3322	3
	*PINOLE VLY BAPT CH	758-9313+5	
2900*	PINOLE VLLY HI DRMA	758-8281	4
	*PINOLE VLLY HI GYM	758-5261	3
	*PINOLE VLLY HI MUSC	758-8110	3
	*PINOLE VLY HI SCHL	758-4664	

APPENDIX E

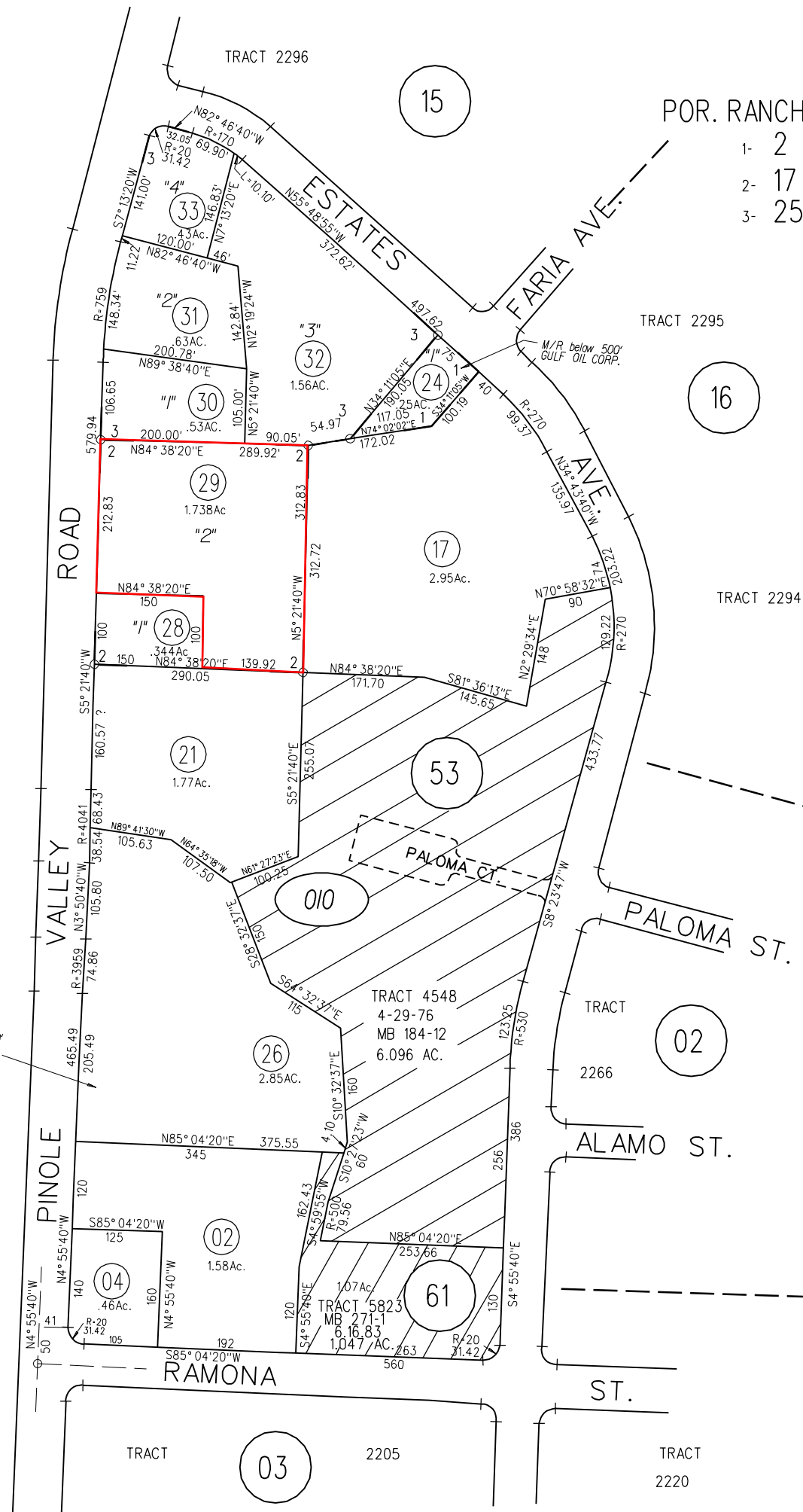
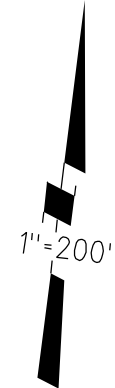
REGULATORY AGENCY RECORDS

POR. RANCHO PINOLE

- 1- 2 PM45 1/30/68
- 2- 17 P.M.25 7-2-71
- 3- 25 P.M.23 12-5-72

P B
430

M/R BELOW 500'
HOYTT ENTERPRICES
INC.



010

11-9-83

ASSESSOR'S MAP

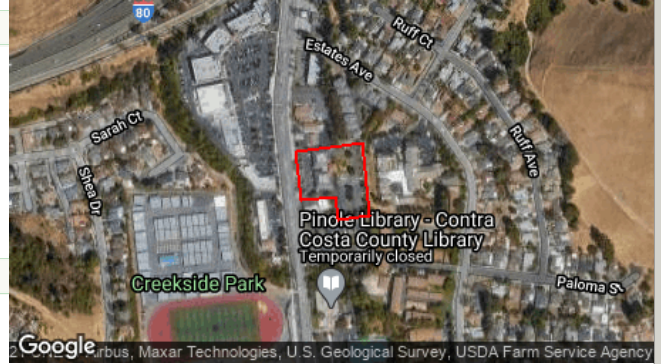
BOOK 360 PAGE 01

6-20-67 CONTRA COSTA COUNTY, CALIF.

Property Address: **2801 PINOLE VALLEY RD PINOLE CA 94564-1468**

General Information

Parcel # (APN): **360-010-029-5** [Open Map](#)
 Owner: [See Full Detail](#)
 Mailing Address: **2801 PINOLE VALLEY RD PINOLE CA 94564-1468**
 Legal Description: **PARCEL MAP 17 PG 25 PCL 2**
 Use Type: **RETAIL SALES**
 Tax Rate Area: **006-000**



Full Detail \$14.95 [Add to Cart](#) The Full Property Detail includes everything displayed here plus completed information for those fields where "See Full Detail" is shown. If a field is empty on this page, no data is available, and the field will also be empty on the Full Property Detail.

Assessment

Total Value: **\$2,909,362** Year Assd: **2020**
 Land: **\$1,258,097** Zoning: [See Full Detail](#)
 Structures: **\$1,651,265** Use Code: [See Full Detail](#)
 Other: [See Full Detail](#) Census Tract: [See Full Detail](#)
 % Improved: [See Full Detail](#) Price/SqFt:
 Exempt Amt:
 HO Exempt: **N**

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:	04/09/2009	See Full Detail	See Full Detail	See Full Detail
Document Number:	76943	See Full Detail	See Full Detail	See Full Detail
Document Type:				
Transfer Amount:				
Seller (Grantor):				

Property Characteristics

Bedrooms:	Fireplace:	Units:	See Full Detail
Baths (Full):	A/C:	Stories:	
Baths (Half):	Heating:	Quality:	
Total Rooms:	Pool:	Building Class:	
Bldg/Liv Area: 21,625	Park Type:	Condition:	
Lot Acres: 1.738	Spaces:	Site Influence:	
Lot SqFt: 75,707	Garage SqFt:	Timber Preserve:	
Year Built: 1984		Ag Preserve:	
Effective Year: See Full Detail			

**The information provided here is deemed reliable, but is not guaranteed.

[Additional reports on this property](#) ➔

RECORDS REQUEST for 2801 PINOLE VALLEY RD, PINOLE

Lela Jones <Lela.Jones@cchealth.org>

Fri 2/5/2021 4:11 PM

To: Allison Essary <aessary@aeiconsultants.com>

No records of septic or wells for this property.

You may want to email HazMat for the other items. Their records request for is at www.cchealth.org/hazmat.

Due to Covid-19 vaccination efforts, Environmental Health staff are being diverted to other divisions in Health Services as disaster service workers. This will result in longer than usual processing times for permits and plans, and limited staff availability for inspection requests for the foreseeable future.

**Lela Jones, Clerk Specialist
Plan Review & Land Use Programs**

Contra Costa Environmental Health
2120 Diamond Blvd., Suite 100
Concord, CA 94520

OPEN MONDAY THRU FRIDAY
7:30A TO 4:30P (EXCEPT HOLIDAYS)



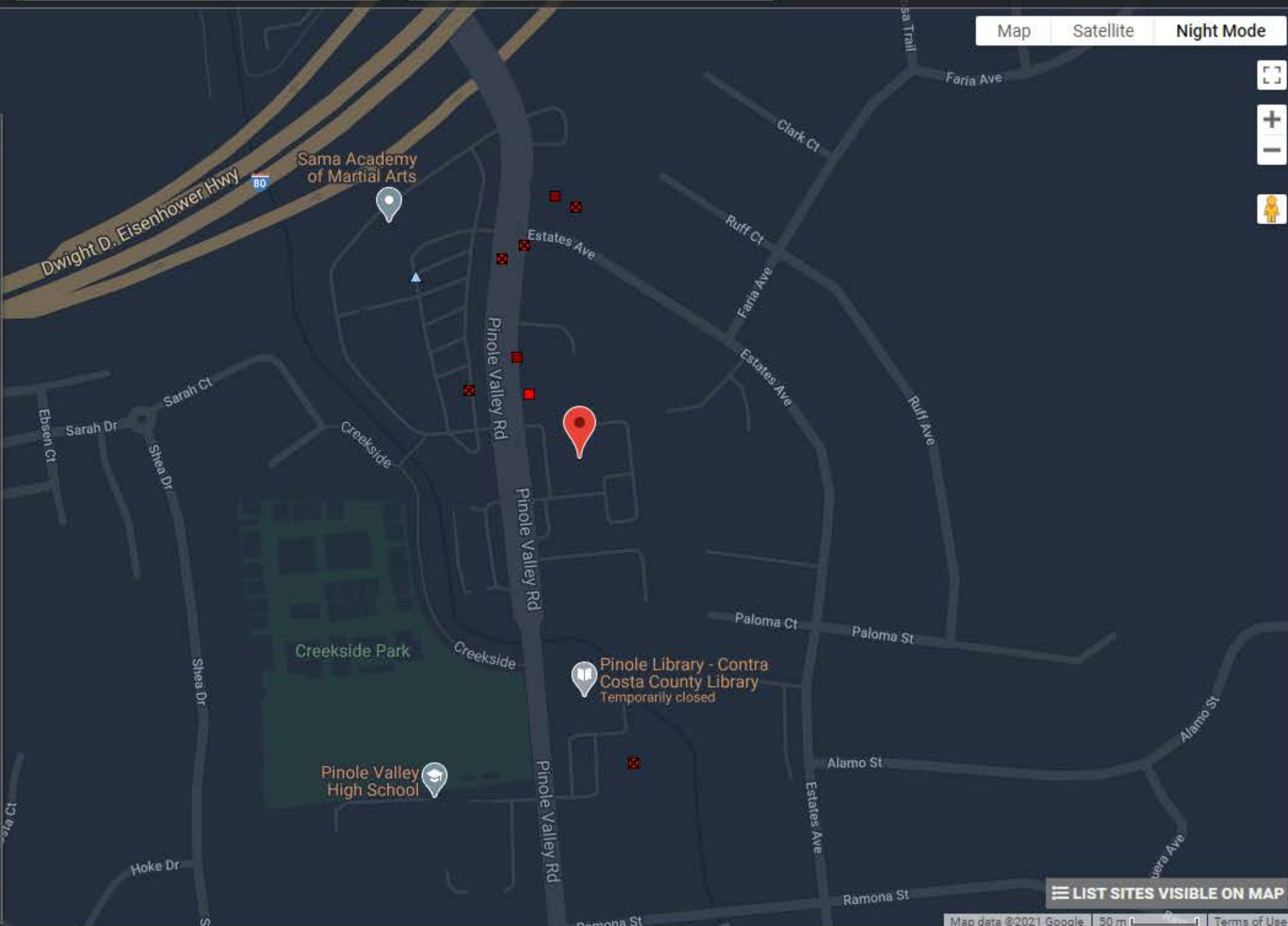
LEGEND - CHOOSE MORE SITES

- LUST Cleanup Sites - REMOVE
- Cleanup Program Sites - REMOVE
- Military Cleanup Sites - REMOVE
- Military Privatized Sites - REMOVE
- Military UST Sites - REMOVE
- ▲ DTSC Cleanup Sites - REMOVE
- Waste Discharge Requirements (WDR) Sites - REMOVE
- Permitted USTs - REMOVE
- ▲ DTSC Hazardous Waste Sites - REMOVE
- Burn Dump - REMOVE
- Compost Facility - REMOVE
- Illegal Disposal Site - REMOVE
- Other - REMOVE
- Pre-Title 27 - CAI - REMOVE
- Title 27 - Land Treatment Unit - REMOVE
- Title 27 - Mining Unit - REMOVE
- Title 27 - Municipal Solid Waste Landfill - REMOVE
- Title 27 - Non-Municipal Solid Waste Landfill - REMOVE
- Title 27 - Surface Impoundment - REMOVE
- Title 27 - Waste Pile - REMOVE
- Unknown - REMOVE
- eNOI Enrollment - REMOVE
- ILRP Trend Monitoring - REMOVE
- AGLand Domestic Wells - REMOVE
- Aquifer Exemption - REMOVE
- Other Oil and Gas Projects - REMOVE
- Produced Water Ponds - REMOVE
- Underground Injection Control (UIC) - REMOVE
- Well Stimulation Project - Exclusion - REMOVE
- Well Stimulation Project - Groundwater Monitoring Plan - REMOVE
- Well Stimulation Projects - Property Owner Sampling - REMOVE

Signifies a Closed Site

ACTIVE MAP COVERAGES:

- Military Bases - REMOVE



LIST SITES VISIBLE ON MAP

Sites and Facilities

Cleanup Sites

- Federal Superfund
- State Response
- Voluntary Cleanup
- School Cleanup
- Evaluation
- School Investigation
- Military Evaluation
- Tiered Permit
- Corrective Action
- Field Points

STATUS
All Statuses

Permitted Sites

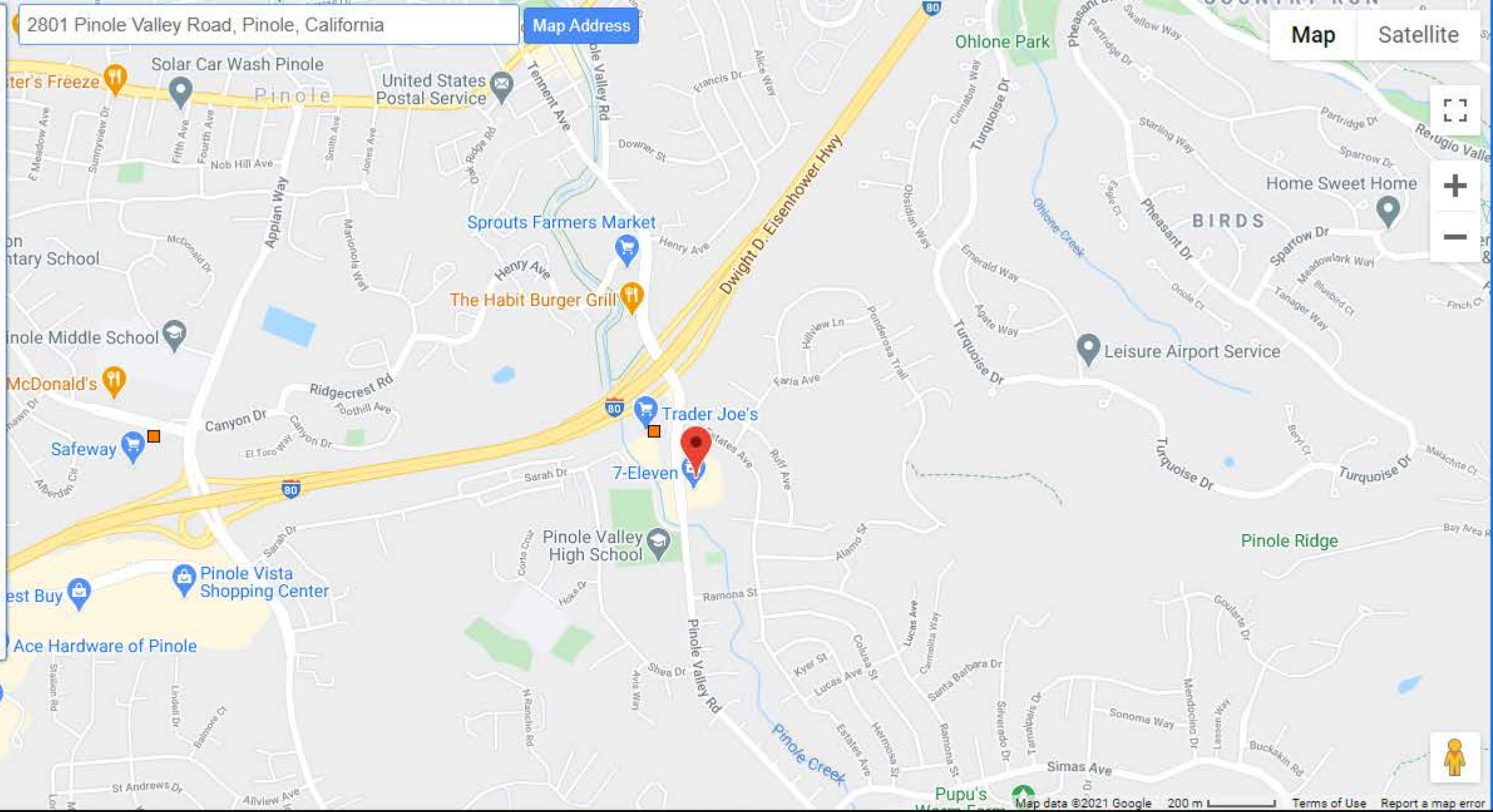
- Operating
- Post-Closure
- Non-Operating

Other Sites

GIS Layers

Tools

TAKE A TOUR SHARE THIS MAP



SITES CURRENTLY VISIBLE ON MAP

2 SITES LISTED

EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY
APPIAN 80 EXPRESS CLEANERS	ACTIVE	VOLUNTARY CLEANUP	1577 TARA HILLS DRIVE	PINOLE
MERCURY DRY CLEANERS	CERTIFIED / OPERATION & MAINTENANCE	VOLUNTARY CLEANUP	2714 PINOLE VALLEY ROAD	PINOLE



Well Status and Well Type Filter

Search

Zoom to Field

Measurement

Layers

Notice and Permit

Well

Well

Geothermal Well

Facility

Underground Gas Storage

Well Stimulation

TR26 Onshore Seep Count

Oil/Gas Field

CalGEM District

Public Land Survey System

City

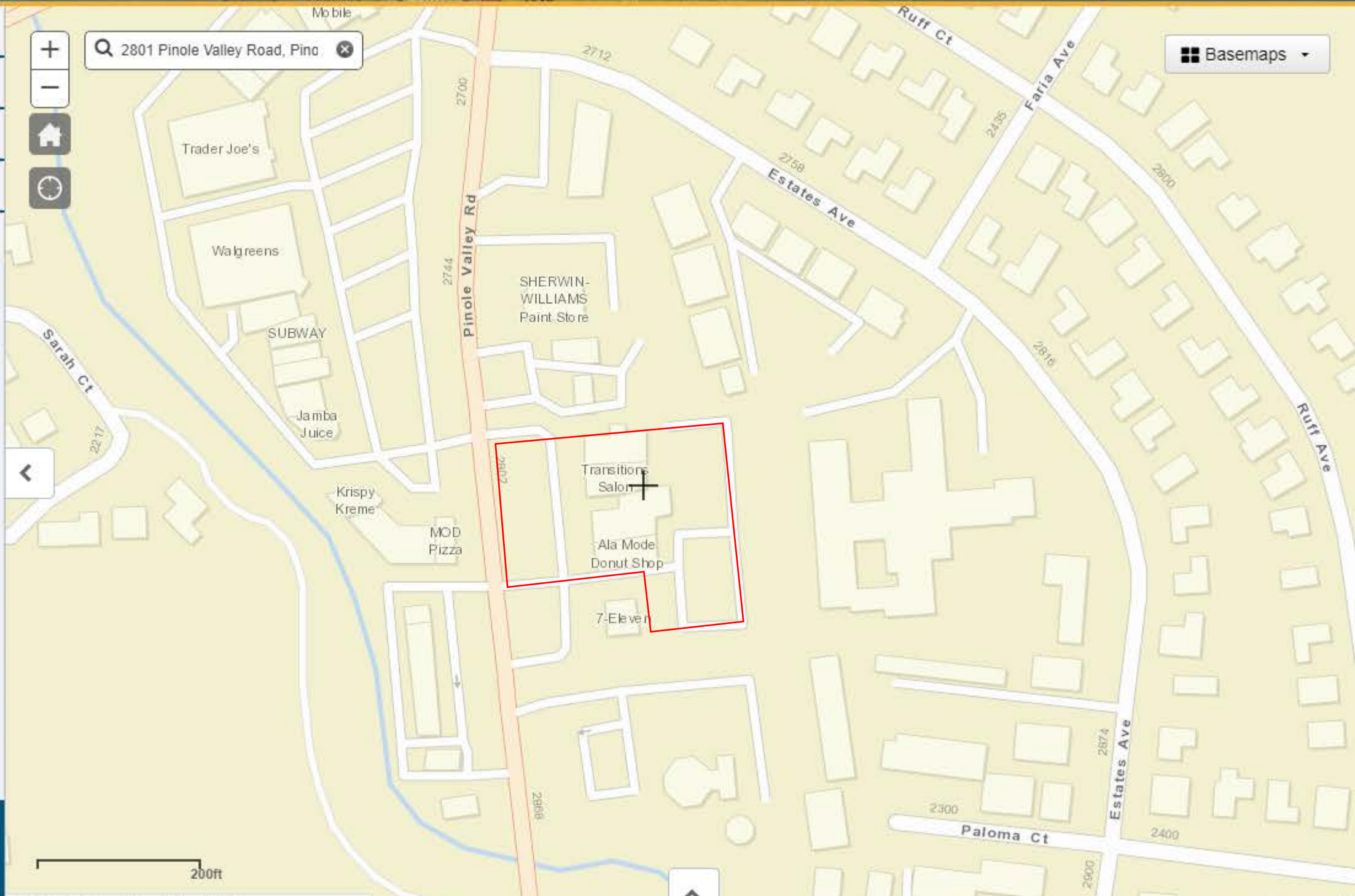
Legislative Districts

County

California Geologic Map

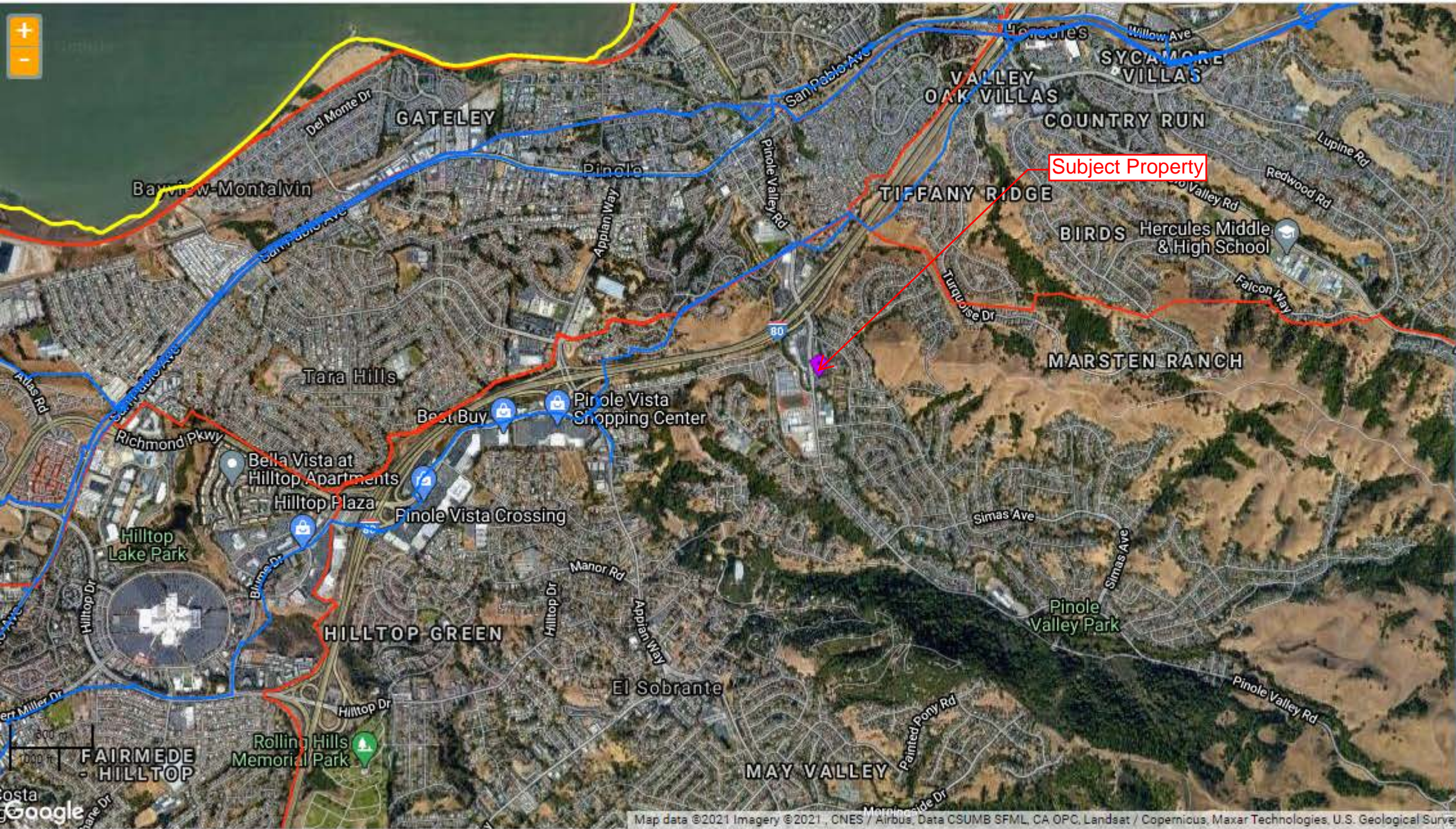
2801 Pinole Valley Road, Pino

Basemaps



1:2,257 37.995441 -122.287674





Map Layers

- Accidents (Liquid)
- Incidents (Gas)
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- LNG Plants
- Breakout Tanks
- Other Populated Areas (scale dependent)
- Highly Populated Areas (scale dependent)
- Commercially Navigable Waterways
- CNW Inland
- CNW Ocean/Great Lakes
- Great Lakes
- Tribal Government Lands
- State Boundaries
- abc Show Labels
- County Boundaries
- abc Show Labels
- GOM Block Groups
- abc Show Labels
- GOM Blocks



2801|Pinole Valley Road, [Menu] [Close]

9 sites found

Did you mean: [Location Pin] 2801 Pinole Valley Rd, Pinole, CA 94564 [Close]

PINOLE FIRE DEPARTMENT

880 TENNENT AVE
PINOLE CA 94564



UNOCAL

1718 SAN PABLO AVE
PINOLE CA 94564

AT&T Mobility - PINOLE/HENRY AVE (USID13001)

OFF HENRY AVENUE
PINOLE CA 94564



Verizon Wireless Pinole

2640 SILVERCREST ST
PINOLE CA 94564



SHELL

2301 SAN PABLO AVE
PINOLE CA 94564

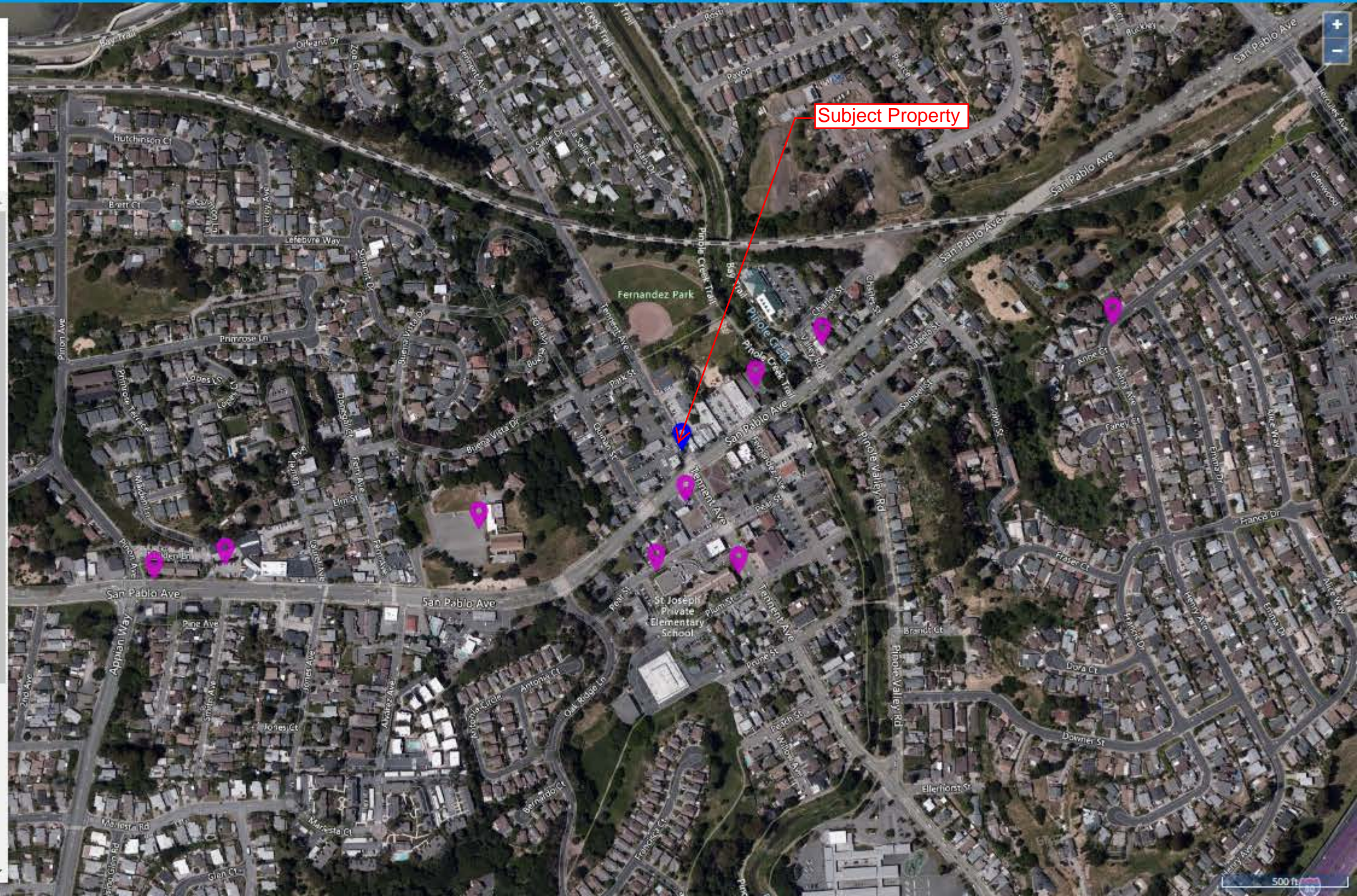
AT&T - W21AJ

1610 SAN PABLO AVE
PINOLE CA 94564



VERIZON WIRELESS (TENNENT AVE)

2000 SAN PABLO AVE



Subject Property

Public Records Request No. 2021-02-0057

Public Records <PublicRecords@baaqmd.gov>

Mon 2/8/2021 11:46 AM

To: Allison Essary <aessary@aeiconsultants.com>

Dear Allison Essary,

Thank you for your request. We have searched our records and have no records that respond to your below request for:

2801 Pinole Valley Road
Pinole

If you have any questions or concerns, please call or e-mail me.

Sincerely,

Rochele Henderson
Public Records Section
BAAQMD
415-516-1916

RE: Public Records Request

ccchazmat <ccchazmat@cchealth.org>

Thu 2/4/2021 2:34 PM

To: Allison Essary <aessary@aeiconsultants.com>

Good Afternoon:

We have no records for 2801 Pinole Valley Rd., Pinole.

Be well, stay healthy,

Alexandra McMullen, Clerical Supervisor
Contra Costa Health Services Hazardous Materials Programs (CCHSHMP)
4585 Pacheco Blvd., Suite 100
Martinez, CA 94553

(925)655-3200 Ph **NEW**

(925)646-2073 Fax

Email: ccchazmat@cchealth.org **NEW**

www.cchealth.org/hazmat/

From: Allison Essary <aessary@aeiconsultants.com>

Sent: Thursday, February 04, 2021 2:05 PM

To: ccchazmat <ccchazmat@cchealth.org>

Subject: Public Records Request

Hello!

I am doing historical research on the property located at **2801 Pinole Valley Road** in Pinole, California (*Parcel Number: 360-010-029*) and am in search of any documents pertaining to:

- Permits of environmental concern (petroleum storage tanks, septic systems, oil/water separators)
- Record violations or complaints registered against the subject property
- Records regarding hazardous materials usage/storage/incidents or known environmental concerns/contamination which may have affected the property,
- Records regarding AST or UST systems, which are currently or historically located at the property,
- Record of septic systems installation and repairs at the subject property
- Records of wells in connection with the subject property, and/or
- Records of fire inspections/violations

I've attached the public records request form.

Sincerely,

Allison Essary

Project Manager

AEI Consultants

2500 Camino Diablo

e. aessary@aeiconsultants.com

c. [707.416.7498](tel:707.416.7498)

f. [925.746.6099](tel:925.746.6099)

www.aeiconsultants.com

Public Records Request

Allison Essary <aessary@aeiconsultants.com>

Fri 2/5/2021 10:27 AM

To: building2@ci.pinole.ca.us <building2@ci.pinole.ca.us>

Good morning!

I am doing historical research on the property located at **2801 Pinole Valley Road** in Pinole, California (*Parcel Number: 360-010-029-5*) have been attempting to submit a public records request through the city clerk's office for a few days now. It appears that all of the city websites are down, so I would appreciate being able to request records through this email. I am searching for records pertaining to:

- Permit summaries (date, type of permit, applicant/tenant) or available permits from construction to present.
- Construction dates (current building, previous buildings if applicable)
- List of tenants which have occupied the subject property
- Permits of environmental concern (petroleum storage tanks, septic systems, oil/water separators)
- Oldest and most recent site layout plan from the above mentioned property if available
- Erosion control plans on record for the subject property
- Record violations or complaints registered against the subject property
- Records of any Activity Use Limitations (AULs) in connection with the property. AULs are typically in place at sites which would prevent future uses of a property.

Please let me know if you have any questions.

Sincerely

Allison Essary

Project Manager

AEI Consultants

2500 Camino Diablo

Walnut Creek, California 94597

e. aessary@aeiconsultants.com

c. [707.416.7498](tel:707.416.7498)

f. [925.746.6099](tel:925.746.6099)

www.aeiconsultants.com

Public Records Request

Allison Essary <aessary@aeiconsultants.com>

Wed 2/17/2021 12:38 PM

To: fire@ci.pinole.ca.us <fire@ci.pinole.ca.us>

Good afternoon!

I am doing historical research on the property located at **2801 Pinole Valley Road** in Pinole, California (*Parcel Number: 360-010-029-5*) have been attempting to submit a public records request through the city clerk's office for a few days now. It appears that all of the city websites are down, so I would appreciate being able to request records through this email. I am searching for records pertaining to:

- Permits of environmental concern (petroleum storage tanks, septic systems, oil/water separators)
- Record violations or complaints registered against the subject property
- Records regarding hazardous materials usage/storage/incidents or known environmental concerns/contamination which may have affected the property,
- Records regarding AST or UST systems, which are currently or historically located at the property,
- Record of septic systems installation and repairs at the subject property
- Records of wells in connection with the subject property, and/or
- Records of fire inspections/violations

Please let me know if you have any questions.

Sincerely

Allison Essary
Project Manager
AEI Consultants
2500 Camino Diablo
Walnut Creek, California 94597

e. aessary@aeiconsultants.com

c. [707.416.7498](tel:707.416.7498)

f. [925.746.6099](tel:925.746.6099)

www.aeiconsultants.com

Public Records Request

Allison Essary <aessary@aeiconsultants.com>

Fri 2/5/2021 11:21 AM

To: hiopu@ci.pinole.ca.us <hiopu@ci.pinole.ca.us>

Good morning!

I am doing historical research on the property located at **2801 Pinole Valley Road** in Pinole, California (*Parcel Number: 360-010-029-5*) and have been attempting to submit a public records request for a few days now. It appears that all of the city websites are down, so I would appreciate being able to request records through this email. I am searching for records pertaining to:

Building:

- Permit summaries (date, type of permit, applicant/tenant) or available permits from construction to present.
- Construction dates (current building, previous buildings if applicable)
- List of tenants which have occupied the subject property
- Permits of environmental concern (petroleum storage tanks, septic systems, oil/water separators)
- Oldest and most recent site layout plan from the above-mentioned property if available
- Erosion control plans on record for the subject property
- Record violations or complaints registered against the subject property
- Records of any Activity Use Limitations (AULs) in connection with the property. AULs are typically in place at sites which would prevent future uses of a property.

Fire:

- Permits of environmental concern (petroleum storage tanks, septic systems, oil/water separators)
- Record violations or complaints registered against the subject property
- Records regarding hazardous materials usage/storage/incidents or known environmental concerns/contamination which may have affected the property,
- Records regarding AST or UST systems, which are currently or historically located at the property,
- Record of septic systems installation and repairs at the subject property
- Records of wells in connection with the subject property, and/or
- Records of fire inspections/violations

Environmental Health:

- Permits of environmental concern (petroleum storage tanks, septic systems, oil/water separators)
- Record violations or complaints registered against the subject property
- Records regarding hazardous materials usage/storage/incidents or known environmental concerns/contamination which may have affected the property,
- Records regarding AST or UST systems, which are currently or historically located at the property,
- Record of septic systems installation and repairs at the subject property
- Records of wells in connection with the subject property
- Industrial waste discharges and/or spills/releases at the subject property.
- Wastewater ponds on or near the subject property
-

Planning:

- Records of any Activity Use Limitations (AULs) in connection with the property. AULs are typically in place at sites which would prevent future uses of a property.

Sincerely,

Allison Essary

Project Manager

AEI Consultants

2500 Camino Diablo

Walnut Creek, California 94597

e. aessary@aeiconsultants.com

c. [707.416.7498](tel:707.416.7498)

f. [925.746.6099](tel:925.746.6099)

www.aeiconsultants.com



California Regional Water Quality Control Board
San Francisco Bay Region



Linda S. Adams
Secretary for
Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
<http://www.waterboards.ca.gov/sanfranciscobay>

Arnold Schwarzenegger
Governor

MAR 18 2008

Date:

File No.: 07-0768(MYM)

City of Pinole Public Works
Attn: Dean Allison
2131 Pear Street
Pinole, CA 94564

**SUBJECT: Underground Storage Tank (UST) Case Closure for Former Beacon Station,
2810 Pinole Valley Road, Pinole, Contra Costa County. UST Case No. 07-
0768**

Dear Mr. Allison:

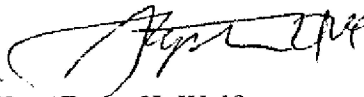
This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning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

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

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

Please contact our office if you have any questions regarding this matter.

Sincerely,


for Bruce H. Wolfe
Executive Officer

Preserving, enhancing, and restoring the San Francisco Bay Area's waters for over 50 years

SITE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: 3/11/08

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2396
Responsible Staff Person: Martin Musonge	Title: Water Resources Control Engineer

II. SITE INFORMATION

Site Facility Name: Former Beacon Station				
Site Facility Address: 2810 Pinole Valley Road, Pinole, California 94564				
RB Case Nos.: 07-0768	Local or LOP Case No.: 57699	Priority:		
URF Filing Date: 4/19/90	SWEEPS No.:			
Responsible Parties (include addresses and phone numbers): City of Pinole, 2131 Pear Street, Pinole, CA 94564				
Phone number 510 724 9010, Mr. Dean Allison, Public Works Director				
Tank No.	Size in Gallons	Contents	Closed In—Place/Removed	Date
1	10,000	Gasoline - Regular	Removed and Replaced	1/13/99
2	Unknown	Gasoline - Premium	Removed and Replaced	1/13/99
3	550	Waste Oil	Removed	1/13/99
4	8,000	Gasoline-Regular	Removed	6/29/04
5	8,000	Gasoline-Premium	Removed	6/20/04

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Underground Storage Tank (UST) leak , gasoline		
Site characterization complete? Yes	Date Approved by Oversight Agency: Feb. 2006	
Monitoring wells installed? Yes	Number: 7	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 15 Ft	Lowest Depth: 20 Ft.	Flow Direction: West / Northwest
Most Sensitive Current Use: None, potential drinking water source unlikely because of limited yield		
Most Sensitive Potential Use: Drinking water or irrigation well		

and Probability of Use: Extremely low	
Summary of water wells in vicinity: No water wells in vicinity	
Are drinking water wells affected? No	Aquifer Name: N/A
Is surface water affected? No	Nearest surface water name: Pinole Creek
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Report(s) on file? Yes	Where is report(s) filed? Regional Water Quality Control Board (RWQCB), San Francisco Bay Region

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks and Piping	3 Tanks	Disposal by Pile Construction	1/13/99
Soil	150 Cubic Yards	Treatment by disposal off site	1/21/99
Tanks and Piping	2 Tanks	Disposal by Ecology Control Inc. Richmond	6/29/04

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPH-gasoline	3,400	64	14,000	ND	Ethylbenzene	12	ND	130	ND
Benzene	0.50	ND	59,000	0.54	Xylenes	49	ND	2,500	ND
Toluene	6.6	0.61	2,100	0.68	MtBE	3.3	ND	150	2.0

Comments (Depth of Remediation, etc.):

Contaminated soil was removed by overexcavation of the UST pit down to a depth of 10 feet bgs in January of 1999. This soil was disposed of off-site. New underground storage tanks were installed in the former tank location and those tanks were removed in June, 2004 and no further release was detected at the time of removal. A soil vapor study was conducted and no soil vapor was detected. A sensitive receptor study was conducted and no drinking water wells were present in the general area which is served by public water supply. Subsequently the site was demolished and redeveloped as a parking lot as part of the adjacent property development into a shopping center. The former site has been paved and drained from surface water intrusion by the parking lot construction.

Before soil and groundwater concentrations are from the immediate area of the former tank location (MW-7, MW-4, B-7), where generally the highest concentrations were found and the after concentrations are from the two closest down gradient sampling and groundwater monitoring points (TW-1, MW-2). The initial release was detected in 1985 and subsequent tank removals, remediation actions, and investigations indicate no significant further release. Soil and groundwater contamination have not migrated significantly from the initial tank pit and have shown attenuation over time. There is an apparent groundwater plume north of the site on the adjacent property which appears to be originating from a continuing source, ARCO Service Station No. 6228 located at 2747 Pinole Valley Road, which is east of the site

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes
Does corrective action protect public health for current land use? Yes

Site Management Requirements: Residual contamination in both soil and groundwater may remain in the immediate area of the former tank pit at the site and could pose an unacceptable risk under certain development activities such as site grading, excavation, or installation of water wells. Therefore, the impact of the disturbance of any residual contamination or the installation of a water well near the residual contamination shall be assessed and appropriate action taken so that there is no significant impact to human health, safety or the environment. This could necessitate additional sampling, health risk assessment, and mitigation measures. The County of Contra Costa Health Services Department, and the appropriate planning and building department shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risks are minimal and expected to reduce with time.

Monitoring Wells Decommissioned: TBD	Number Decommissioned:	Number Retained:
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: N/A		

V. ADDITIONAL COMMENTS, DATA, ETC.

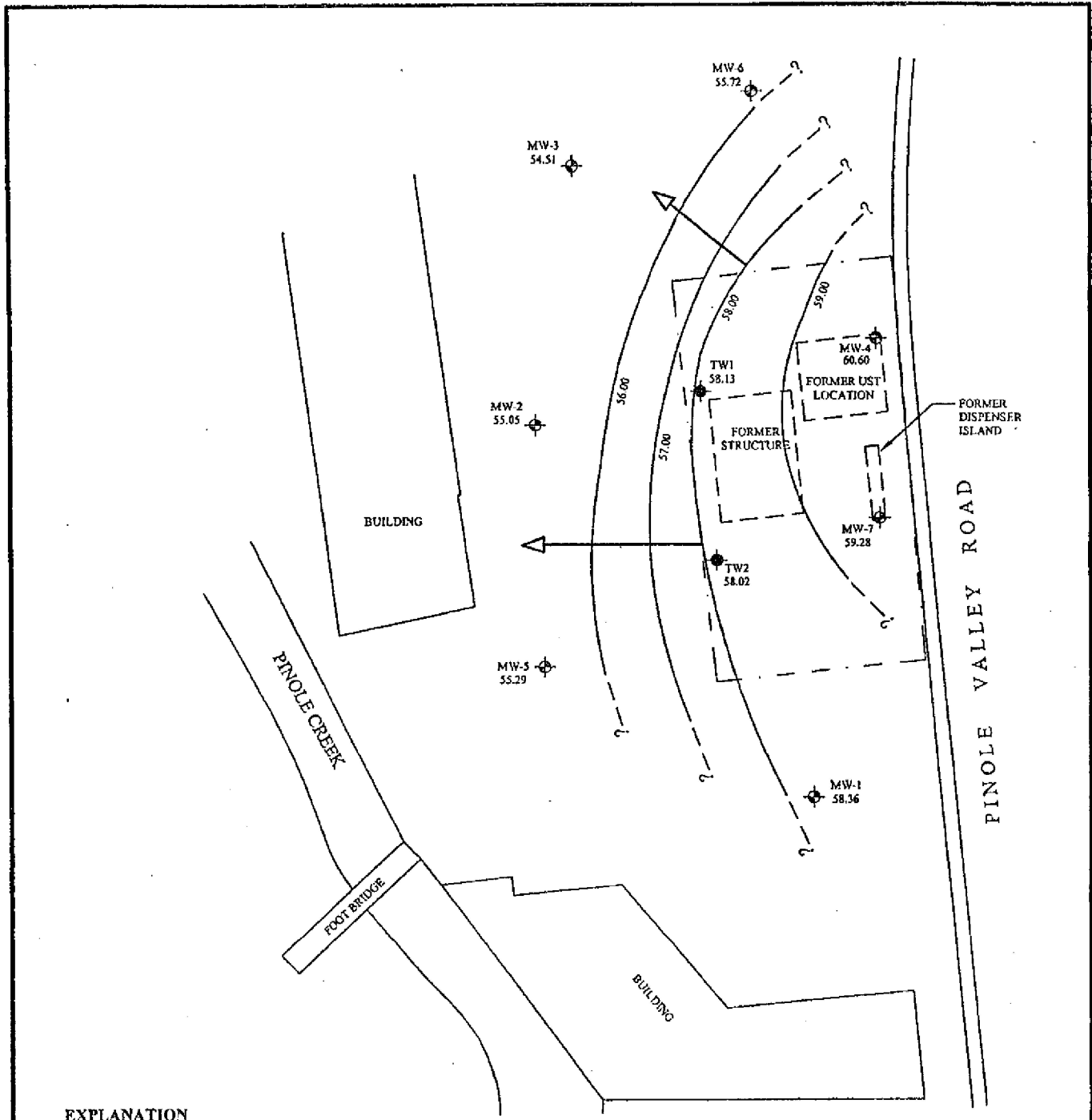
Groundwater underlying the site was evaluated by installing six on-site monitoring wells in December 2005. The results of soil and groundwater sampling indicate that the contaminated soil at the site is not a significant source of PHCs and that the groundwater underlying the site does not appear to have migrated in significant concentrations and presents no threat to water quality.

VI. TECHNICAL REPORTS, CORRESPONDENCE, ETC. THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Title and Author:	Date:
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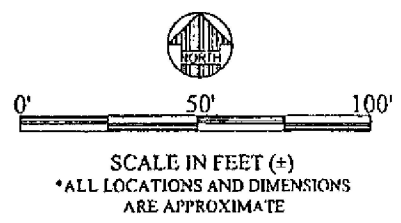
<i>Limited Soil Assessment</i> Krazan & Associates	4/22/2004
<i>Monitoring Well Installation and Ground Water Monitoring Event</i> Krazan & Associates	3/09/2006
<i>Sample Analytical Results Soil Vapor Study</i> Krazan & Associates	10/30/2006
<i>Request for Authorization for Site Grading</i> Krazan & Associates	11/06/2006
<i>Report of Groundwater Monitoring (Six quarterly monitoring reports)</i> Krazan & Associates, Grayland Environmental	3/19/2003, 5/10/2003 11/9/2003 – 4/22/2004 10/30/2006,
<i>Report of Monitoring Well Installation and January 2005 Groundwater Monitoring Report</i> Krazan & Associates	10/30/2006
<i>Work Plan for Further Assessment of Soil and Groundwater</i> Krazan & Associates	11/06/2006


This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.



EXPLANATION

- — — — — FENCE LINE
- ?- - - 56.00 GROUNDWATER POTENTIOMETRIC SURFACE CONTOUR WITH ELEVATION IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE APPROXIMATE)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- ⊕ MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- ⊕ TEXACO MONITORING WELL (PRE-1999)



POTENTIOMETRIC SURFACE MAP MARCH 9, 2006	Scale:	Date:	 Krazan SITE DEVELOPMENT ENGINEERS Offices Serving the Western United States
	AS SHOWN	3/06	
PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	Drawn by:	Approved by:	
	S. A.	S. B.	
	Project No.	Figure No.	
	044-03006	1	

WILLIAM B. WALKER, M. D.
HEALTH SERVICES DIRECTOR
LEWIS G. PASCALLI, JR., ESQ.
DIRECTOR



CONTRA COSTA
HEALTH SERVICES
INSPECTION COVER SHEET

HAZARDOUS MATERIALS PROGRAMS

4333 Pacheco Boulevard
Martinez, California
94553-2229
Ph (925) 646-2286
Fax (925) 646-2073

Facility Name PINOLE VALLEY BEACON
Address 2810 Pinole Valley Rd
City Pinole State _____ Zip _____
EPA I.D. Number _____ Site I.D. No. 75 7699
Contact _____ Title _____
Phone Number _____ Inspection Date(s) 6/29/04

Program(s): (check all that apply)
 Hazardous Materials Release Response Plan Tiered Permitting
 Hazardous Waste Generator Green Business
 Underground Storage Tank (UST) Clean Water
 Aboveground Petroleum Storage Tank (AST) Cal/ARP

REPRESENTATIVES PRESENT:

Name	Title	Organization
<u>Arthur Morrill</u>	<u>Geologist</u>	<u>Krazer</u>
<u>Cynthia Roman</u>	<u>Property Mgr</u>	<u>Jordex</u>
<u>Wilke Green</u>	<u>Proj Mgr</u>	<u>TEC</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

350*/ER

Additional Comments: _____

This report may identify conditions observed this day that are alleged to be violations of one or more sections of the California Health and Safety Code (HSC) or the California Code of Regulations (CCR). The Violations may be described in more detail on an attached inspection sheet.

Failure to correct observed violations within the scheduled period provided may result in Contra Costa Health Services Hazardous Materials Programs (CCHSHMP) citing you for continuing and/or additional violations. Issuance of this Inspection Report does not preclude CCHSHMP from taking any administrative, civil, or criminal action as a result of the violations noted.

Arthur Morrill 6-29-04 Jenny Yoshida 6/29/04
Consent to inspect given by _____ Date _____ Hazardous Materials Specialist _____ Date _____
Page 1 of _____

WILLIAM B. WALKER, M. D.
HEALTH SERVICES DIRECTOR
LEWIS G. PASCALLI, JR., ESQ.
DIRECTOR

HAZARDOUS MATERIALS PROGRAMS

4333 Pacheco Boulevard
Martinez, California
94553-2229
Ph (925) 646-2286
Fax (925) 646-2073



UNDERGROUND STORAGE TANK
REMOVAL/INSTALLATION/CLOSURE INSPECTION

Owner/Operator: PINOLE VALLEY BEACON Site I.D. No. 757699

Program Status: Active Inactive

Inspection Type: Removal Closure in Place Installation Repair/Modification Temp Closure

REMOVAL/CLOSURE IN PLACE

- Verified contractor certification
- Verified fees paid/permit issued
- Verified safe work practices
- Verified tank cleaned

- Observed tank removal
- Observed tank condition
- Observed soil/water samples taken
- Observed tank grouting

TANK & PIPING INSTALLATION/REPAIR & MODIFICATION

- Observed tank vacuum/pressure test
- Observed tank Holiday Test (steel tank)
- Observed primary air test
- Observed water test of sumps
- Observed tank gauge operation
- Observed automatic shut-down

- Observed water test of dispenser boxes
- Observed secondary piping air test
- Received hydrostatic pipeline test records
- Received leak detection test
- Received precision tank test records
- Verified pipeline leak detector operation

TEMPORARY CLOSURE

- Verified tank is empty
- Verified tank/dispenser locked
- Verified power shut off to dispensers

N
TK1
TK2

Pinoles Valley Road

Comments

North LL #164437 BLDG
South LL #164431 350 lb. dry ice per tank

2 x 8,000 gal dbl-wl FRP Century Cast Xerxes

Tanks appear sound 23423080 manifest #

Water in pit at 10 ft

Soil samples taken at 1 1/2 ft both ends of each tank

Odor and stain pit samples

North dispenser odor & stain

South dispenser odor & stain

CAL 0000 36320 EPA ID #

Site Representative's Signature, AHM Date 6-29-04 Specialist's Signature [Signature] Date 6/29/04

Total Time for Review and Inspection (in 15-minute increments): 10 Page 1 of 1

Ed Herbst 916 346 5078



WILLIAM B. WALKER, M. D.
HEALTH SERVICES DIRECTOR

LEWIS G. PASCALLI, JR., ESQ.
DIRECTOR



HAZARDOUS MATERIALS PROGRAMS

4333 Pacheco Boulevard
Martinez, California
RECEIVED 94553-2229
Ph (925) 646-2286
Fax (925) 646-2073
JUN 8 2004

Contra Costa Health
Hazardous Materials

**UNDERGROUND HAZARDOUS SUBSTANCE STORAGE TANK
REMOVAL PERMIT AND INFORMATION FORM**

Site Name: PINOLE VALLEY BEACON Site I.D. # 7 576 99 CAL 000 036 320

Address: 2810 PINOLE VALLEY ROAD
PINOLE, CA Phone: ()

Owner Name: DORDEX MANAGEMENT COMPANY Phone: (415) 434-4883

Address: 214 GRANT AVENUE, SUITE 325, SAN FRANCISCO, CA 94108

Tank Remover: TEC ACCUTITE Phone: (650) 952-5551

Name of License Holder: EDDY A. TABEL License Type: (A)(B)(HAZ)(C3)

Please schedule an inspection appointment at least two (2) days in advance. ALL inspections must be confirmed prior to 9:00 a.m. on the date of removal.

Number of tanks to be removed: 2-8K's
\$531/first tank
\$229/each additional tank FEE= \$ \$760.00
\$229 Residential tank (less than 1000 gallons)

All tanks must have all liquid product removed. **All gasoline tanks must be rinsed until completely free of product and dry ice added.** Waste oil tanks must be hauled as hazardous waste after pumpable material is removed. Copies of manifests for any hazardous waste generated on site during tank removal operations, including rinse water and tanks disposed of as hazardous waste, must be sent to Contra Costa Health Services (CCHS).

Upon removal of tanks, a sampler must take soil samples acceptable to CCHS. For tanks greater than 550 gallons, a minimum of two (2) soil samples is required from directly beneath each end of the tank below fill material. Additional samples may be required. Water samples should not be taken until pit has recharged. A copy of the lab report, including plot plan and chain of custody, must be sent to CCHS **WITHIN THIRTY (30) DAYS.**

Samples to be taken by: KRAZAN & ASSOCIATES

Samples to be analyzed by: SIEGEL ANALYTICAL

Provided no obvious contamination, tank pit may be backfilled prior to CCHS's receiving sample results only with CCHS approval. However, it may be necessary to re-excavate for additional sampling or soil removal.

Tank hauler: ECI Destination: RICHMOND, CA

Will tanks be manifested? No Yes Generator ID#: CAP 009466392

*****PLEASE COMPLETE BOTH SIDES*****



- Contra Costa Community Substance Abuse Services • Contra Costa Emergency Medical Services • Contra Costa Environmental Health • Contra Costa Health Plan •
- Contra Costa Hazardous Materials Programs • Contra Costa Mental Health • Contra Costa Public Health • Contra Costa Regional Medical Center • Contra Costa Health Centers •



**MONITORING WELL INSTALLATION AND
JANUARY 2005 GROUNDWATER
MONITORING REPORT
FORMER BEACON STATION
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA**

Project No. 044-03006
February 14, 2006

Prepared for:
TKG Pinole Valley Two, LLC
City of Pinole Redevelopment Agency
214 Grant Street, Suite 325
San Francisco, California 94108

Prepared by:
Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis, California 93612
(559) 348-2200

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February 14, 2006

Project No. 044-03006

**MONITORING WELL INSTALLATION AND
JANUARY 2005 GROUNDWATER
MONITORING REPORT
FORMER BEACON STATION
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA**

1.0 INTRODUCTION

The following is a summary of further assessment of soil and groundwater in the vicinity of underground storage tanks (USTs) formerly located at the subject site (site) previously owned by Mr. Ramon and Ms. Luz Dimalanta. The current owner and responsible party is the City of Pinole Redevelopment Agency (CPRA). The site assessment is being overseen by the Regional Water Quality Control Board-San Francisco Bay Region (RWQCB). Previous assessment activities revealed the gasoline petroleum hydrocarbon constituents (PHCs) released from the former USTs impacted soil and groundwater at the subject site. At this time, TKG Pinole Valley Two, LLC (TKG) is acting as the agent for the CPRA with regard to the assessment of PHCs at the site. This work was conducted in general accordance with Krazan's April 1, 2005 workplan which was approved by the RWQCB in an August 4, 2005 letter. The workplan was prepared in response to a December 28, 2004 letter from the RWQCB which requested a plan to describe work to further evaluate the conditions of the soil and groundwater underlying the site and to conduct a sensitive receptor survey within a 2,000-foot radius of the site and the identification of the nearest surface water bodies. This site assessment activities were accomplished by sampling soil and groundwater in conjunction with the installation of additional groundwater monitoring wells. The site is being assessed under the auspices of the State of California Underground Storage Tank Cleanup Fund (USTCF). The USTCF Claim No. is 014144.

An ARCO AM/PM gasoline station is located approximately 100 feet east and upgradient of the site, directly across Pinole Valley Road. The ARCO station is currently classified as a Leaking Underground

Fuel Tank (LUFT) Site by the California State Water Resources Control Board (CSWRCB) Geotracker database. The ARCO station appears to be a contributing source to petroleum hydrocarbon constituent (PHC) impacted groundwater in the vicinity of the Pinole shopping center. The extent and source of PHC-impacted groundwater will continue to be assessed as groundwater monitoring continues at the site.

2.0 SITE DESCRIPTION

The site is the location of the former Pinole Valley Beacon service station, located adjacent to Pinole Valley Shopping Center at 2810 Pinole Valley Road in Pinole, California (Figure 1). The site is located on the western side of Pinole Valley Road, southeast of U.S. Interstate-80. The service station was demolished during late August 2004. The approximate 0.25-acre site included an approximate 1,100-square-foot concrete and steel structure which was used as an automobile maintenance and repair shop (Figure 2), and was paved predominantly with asphaltic concrete, with the exception of concrete pavement over the fuel USTs and around the fuel dispenser island. The area occupied by the former Beacon station was constructed approximately one to three feet above the grade of the shopping center. The area surrounding the site comprised private commercial and public properties.

3.0 SITE STRATIGRAPHY AND HYDROLOGY

The logged stratigraphy indicates the upper 28 feet of sediment is primarily composed of clayey sediments deposited in a reducing environment. These sediments appear to have limited horizontal and vertical permeability. This is demonstrated by Grayland's observations that "free" groundwater was not discernable until borings were advanced to approximately 20 feet bgs and that the static depth to groundwater varies from approximately 8 to 10 feet (depending on site grade). Krazan's borings advanced during December 2005 demonstrate a similar response, i.e., groundwater was initially noted seeping to the boreholes at a depth of 15 feet bgs while the water table was eventually measured at 6.5 to 10 feet bgs. The boring log for MW-6 drilled during December 19, 2005 indicates a sandy clay is present from approximately 18 to 26 feet bgs. It's possible that this stratum could have greater hydraulic conductivity relative to the stiff to hard sediments underlying most of the site.

Groundwater drains from the surrounding highlands and most likely flows parallel with the northwest trending valley where it may discharge seasonally into Pinole Creek. Groundwater underlying the site has a west-northwest flow direction at very steep gradients.

4.0 BACKGROUND

The following background information was excerpted primarily from a March 7, 2003 report prepared by Grayland Environmental (Grayland) of Davis, California.

The site was owned and operated by Texaco prior to 1984. During 1984, Texaco installed two USTs and modified a third UST by inserting a glass liner into the tank. This tank installation and repair work conducted by Texaco was implemented because of a loss of product and the continual pumping of water from the fuel tanks. In August 1984, Texaco installed four groundwater test wells (TW1 through TW4) near the perimeter of the site. In 1985, Texaco sold the property to the Dimalanta's, who later converted the station to a Beacon in 1989.

On January 13, 1999, two USTs were removed from the site by Pile Construction of Sacramento, California. One of the USTs had a capacity of approximately 10,000 gallons and was used to store regular unleaded gasoline, the other tank had a capacity of approximately 550 gallons and was used to store used motor oil (the fate of the third UST is not known to Krazan.) The USTs were located formerly in front of the site structure immediately north of the fuel dispenser island. Following the removal of the two USTs, soil samples were collected from beneath each end of the gasoline UST (Pinole-002 and Pinole-003), and one soil sample was collected from beneath the middle of the used oil UST (Pinole-004). A single groundwater grab sample (Pinole-005) was collected from the eastern end of the open tank cavity, where groundwater had accumulated. Tables and figures related to the UST removals are presented in Appendix A.

The January 13, 1999 samples were analyzed for total petroleum hydrocarbons in the range of gasoline (TPH-G); for the associated volatile constituents benzene, toluene, ethylbenzene and total xylenes isomers (BTEX); and for the five fuel oxygenates methyl tert-butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), tri-amyl methyl ether (TAME), and tert-butanol (TBA). Soil sample Pinole-004 collected from beneath the former used oil UST was not analyzed for the five fuel oxygenates, but was analyzed for TPH-G, BTEX, and for total petroleum hydrocarbons in the ranges of diesel fuel (TPH-D) and motor oil (TPH-MO), Total Oil and Grease (TOG), polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs) and for the five metals cadmium, chromium, lead, nickel and zinc.

The results of the laboratory analyses indicated that elevated concentrations of TPH-G, TPH-MO, TOG, BTEX, and the fuel oxygenate MTBE and all of the metals (excluding cadmium) were detected in the soil samples. The analytical results of the groundwater grab sample indicated that elevated concentrations of TPH-G, BTEX compounds and the fuel oxygenate (MTBE) were present in the water sample collected from the open tank cavity (Table 2, Appendix A).

A representative from Contra Costa County Health Services (CCCHS) directed the excavation and removal of contaminated soil from the base of the open tank cavity. On January 21, 1999, Pile Construction returned to the site and removed approximately two feet of soil from the floor of the tank cavity. Immediately following the excavation work, two soil samples (Pinole-006 and Pinole-007) were collected from the base of the open excavation (Figure 4, Appendix A). The laboratory analytical results of these two soil samples indicated that the samples contained higher concentrations of TPH-G and BTEX than those collected initially during the storage tank removal work. After the additional soil material was removed and the soil samples were collected, Pile Construction was given authorization by CCCHS to install a new double-wall gasoline UST and three fuel dispensers and back fill the tank cavity with clean material.

On September 27, 1999, Grayland arrived at the site to monitor and sample the four groundwater test wells that Texaco had installed. Test well TW3 formerly located near the northern end of the site was found to be dry and, therefore, was not monitored or sampled (Figure 2, Appendix A). Test well TW2 located near the southwestern corner of the site building contained approximately 0.5 to one inch of free-phase fuel product and was not sampled. Groundwater samples were collected from test well TW1 (northwest corner of building) and former test well TW4 (southern edge of the site) for chemical analysis.

The laboratory analytical results of the groundwater samples collected from the two test wells (TW1 and TW4) indicated that elevated concentrations of TPH-G, BTEX compounds, two of the five fuel oxygenates (i.e., MTBE and TBA), and nine VOCs were present in the groundwater samples. The fuel oxygenate TBA was detected in the groundwater sample collected from former test well TW1, however, TBA was not detected at a concentration greater than the reporting limit of the laboratory method in the sample collected from test well TW4. The groundwater sample collected from test well TW1 at the site contained higher concentrations of TPH-G and benzene than the groundwater sample collected from test well TW4 (Table 3, Appendix A).

Groundwater elevation data were obtained at the site using test wellhead elevations combined with depth to groundwater measurements. Test wells were surveyed to the nearest 0.01 inch by Tom Morrow Surveying, Inc., a licensed surveyor. The wellhead elevations were surveyed using a Contra Costa County benchmark (No. 3133) with an elevation of 53.38 feet above mean sea level as a vertical reference. Groundwater gradient calculations using data collected on September 27, 1999 indicated that the groundwater surface beneath the site flowed at approximately 0.0309 feet per foot (163 feet per mile) in a westerly direction of N 79° W.

Because soil contamination was detected beneath the former underground gasoline and used-oil USTs at the site and because groundwater contamination was detected in samples collected from the test wells at the site, monitoring well installation and groundwater sample collection work were required by RWQCB. This initial subsurface environmental investigation at the site during 2002 included drilling a total of seven soil borings surrounding the site and former USTs (B1 through B-7 on Figure 2, Appendix A). The purpose of the soil boring and sample collection work was to investigate the extent of known soil and groundwater contamination which resulted from an unauthorized release of PHCs at the site.

A total of four soil borings were completed at the site for the purpose of installing groundwater monitoring wells. The soil borings were completed at the site on June 12 and 13, 2002. Three of these monitoring wells were located off site, while one was located on site approximately 25 feet north of the former UST excavation (B1 through B4 on Figure 2, Appendix A). Each monitoring well was completed at a depth of approximately 28 feet below ground surface (bgs) to assess the extent to which groundwater had been impacted with PHCs. (Note: The ground surface at the location of MW-1 and MW-4 was at least two to three feet higher than MW-2 and MW-3). Three additional soil borings were drilled adjacent to or near the former UST excavation to evaluate the extent of hydrocarbon contamination in soil (B5 thru B7 on Figure 2, Appendix A). The drilling work was performed by Woodward Drilling, Inc., of Rio Vista, California, a State of California licensed (C-57) well driller under the direct supervision of a State of California Registered Geologist (RG) from Grayland.

Following the completion of the first four soil borings, a groundwater monitor well was installed in each bore hole. Soil samples were collected at approximately 5-foot intervals in the soil borings.

Grayland encountered groundwater at approximately 19 to 21 feet bgs in borings B-5 through B-7. Subsequently, a disposable bailer was lowered through the hollow-stem augers to the groundwater surface and groundwater grab samples were retrieved.

The soil samples selected from the soil borings were analyzed for TPH-G, BTEX, and MTBE. The three groundwater grab samples collected from the three soil borings were analyzed for TPH-G, BTEX, and five fuel oxygenates (i.e., MTBE, DIPE, ETBE, TAME, and TBA).

The results of the laboratory analyses indicated that the elevated concentrations of TPH-G, BTEX compounds and/or the fuel oxygenate MTBE were detected in the soil samples collected from seven of the soil samples collected from soil boring B7 located adjacent to the former UST.

The laboratory analytical results of the groundwater grab samples collected from soil borings B5 through B7 indicated that groundwater beneath the northern and southern portions of the site contained significantly elevated concentrations of TPH-G, BTEX compounds and fuel oxygenates MTBE and TBA (Table 5, Appendix A).

Groundwater monitoring wells MW-1 through MW-4 were constructed in soil borings B1 through B4 (Figure 2, Appendix A). The wells were constructed using 2-inch-diameter, Schedule 40 polyvinyl chloride (PVC) casing. The screened portion of each well consisted of factory-perforated casing with 0.020-inch-wide slots. Total depths and well screen intervals for the site monitoring wells are summarized on Table I. The well screens extended from the total depth of each boring (approximately 28 feet) to approximately 8 feet bgs (approximately 10 feet above where groundwater was first encountered at the time of well installation). The annular space of each well was packed with #3 Monterey sand to a point approximately one foot above the top of the perforated casing. An approximate one-foot-thick plug consisting of hydrated bentonite chips was placed above the sand in each well to prevent cement from entering the sand pack. The remaining annular spaces were backfilled with a slurry of low-alkaline "Portland" cement to just below grade (Figures A-2 through A-5 of Appendix A). A traffic-rated, cast-iron utility box with a sheet-metal apron was placed over each wellhead.

The wells were developed on January 8, 2003. On January 27, 2003, the four groundwater monitoring wells and two test wells were sampled. Subjective evidence of PHC contamination was observed in the groundwater samples retrieved from monitoring wells MW-2 through MW-4 at the site (Table 6,

Appendix A). Free-phase product was not detected in any of the groundwater samples. The groundwater retrieved from monitoring well MW-3 also had a strong odor of sulfur.

The laboratory analytical results of the groundwater samples collected from the monitoring wells and test wells at the site indicated that elevated concentrations of TPH-G, BTEX compounds and the fuel oxygenate MTBE were present in the samples (Table 7, Appendix A). Elevated concentrations of TPH-D and the fuel oxygenate TBA were detected only in the groundwater samples collected from monitoring well MW-4 and test well TW1. However, the method reporting limits for the samples collected from monitoring well MW-3 and test well TW2 were increased as result of matrix interference and/or laboratory dilution.

Groundwater elevation data were obtained using wellhead elevations combined with depth to groundwater measurements (Table 8, Appendix A). Wellheads were surveyed to the nearest 0.01 inch by Tom Morrow Surveying, Inc., a licensed surveyor. The wellhead elevations were surveyed using a Contra Costa County benchmark (#3133) with an elevation of 53.38 feet above mean sea level as a vertical reference. Groundwater gradient calculations using data collected on January 27, 2003 indicated that the groundwater flowed at approximately 0.0537 feet per foot (284 feet per mile) in a westerly direction (N 86° W). A groundwater potentiometric surface map was constructed using these elevation data (Figure 5, Appendix A).

Soil contamination was detected in seven of the January 2003 soil borings completed at the site. Soil samples collected from approximately 11 feet bgs contained the highest concentrations of TPH-G and BTEX compounds. Subaqueous soil samples collected from the soil borings at approximately 21 feet bgs, however, did not contain significantly elevated concentrations of TPH-G or BTEX compounds, but did contain slightly elevated concentrations of the fuel oxygenate MTBE. The greatest concentrations of PHCs were detected in the soil samples collected from soil borings B4 and B7, which were located on the northern half of the site (Figure 2, Appendix A).

Groundwater was first encountered in the soil borings at approximately 19 feet bgs. Static groundwater elevation was measured in the monitoring wells at approximately 10 feet below the top of the well casing. The groundwater gradient appeared to be sloping steeply in a westerly direction towards Pinole Creek.

January 2003 groundwater samples collected from the four monitoring wells and two test wells at the site suggested that groundwater was impacted beneath the site mainly to the north and to the west of the former UST excavation. However, no monitoring wells or test wells were installed or sampled within the southern portion of the site where groundwater samples from 1999 to 2002 contained elevated PHC concentrations. January 2003 groundwater samples contained elevated concentrations of TPH-G, TPH-D, BTEX compounds and the fuel oxygenates MTBE and TBA. Halogenated VOCs, including the lead scavengers DCA and EDB, were not detected at concentrations greater than the reporting limits of the laboratory method. The absence of elevated concentrations of VOCs in the groundwater samples collected from monitoring wells MW-3 and MW-4 and test well TW2, however, does not preclude the possibility that VOCs were present in these groundwater samples, as the analytical method reporting limits for these compounds were greater than the minimum reporting limits of the laboratory method. PHCs within groundwater appeared to have migrated an unknown distance, mainly to the north and west of the site. The lateral extent of groundwater contamination beneath the site, therefore, appeared to require further delineation.

The lateral extent of soil contamination appeared to have been moderately well defined in the southern direction from the site by the January 2003 investigation; however, the lateral extent of soil contamination to the north and west of the former UST excavation had not been well defined. The vertical extent of soil contamination beneath the former UST excavation appeared to have extended to the water table.

In 2000, the CPRA purchased the Pinole Valley Shopping Center. In the summer of 2003, CPRA purchased the Beacon Station property. The shopping center is currently being redeveloped by TKG Pinole Valley Two, LLC (TKG) under a ground lease with CPRA. The former Beacon Station property is currently being developed by TKG as an agent of CPRA. The USTCF claim was reassigned to the CPRA in June 2004. Krazan was subsequently retained by TKG to address the environmental issues related to the PHC contamination within soil and groundwater at the site.

On April 22, 2004, Krazan completed a round of groundwater monitoring using monitoring wells MW-1 through MW-4. On April 22, 2004, water levels within the four monitoring wells indicated the depth to groundwater beneath the subject site was approximately 8 to 12 feet bgs. A potentiometric surface map of the unconfined water table (Figure 3) was generated using the groundwater depths measured from the published surveyed measuring point elevations of the monitoring wells (Grayland, 2003). The estimated

groundwater flow direction for the April 22, 2004 monitoring event was approximately west-northwest at a gradient of approximately 0.0293 feet per foot (155 feet per mile). Groundwater depths, gradients, and flow directions can vary with seasonal groundwater withdrawals, aquifer recharge, the operation of municipal water supply wells and/or groundwater remedial extraction wells, and the influence of the west-adjacent stream.

Groundwater from MW-1 had no obvious PHC odor and groundwater from MW-2 had a slight PHC odor. Groundwater from wells MW-3 and MW-4 had very strong PHC odors. No free product was observed in the clear plastic bailers used to purge the wells. The status of test wells TW1 through TW4 was not assessed.

April 22, 2004 groundwater samples were analyzed for BTEX and MTBE by EPA Method 8021B, and TPH-G by EPA Method 8015B. Groundwater analytical results are summarized on Table II, water level data are summarized on Table III. Copies of the laboratory analytical report and chain-of-custody for the April 22, 2004 groundwater monitoring event were included in Krazan's May 13, 2004 report which was subsequently forwarded to the RWQCB. As shown on Table II, the sample from MW-4 contained 2,200 $\mu\text{g/l}$ of TPH-G and 290 $\mu\text{g/l}$ of benzene; MTBE was detected in three wells at concentrations ranging from 19 to 370 $\mu\text{g/l}$.

Two former Beacon USTs were removed by TEC Accutite of South San Francisco, California on June 29, 2004 under contract with TKG. Krazan was present to observe field activities and to collect the soil samples. The UST removals and soil sampling activities were conducted under the direction of Mr. Jerry Yoshioka of the CCCHS.

The two USTs were transported offsite to Ecology Control, Inc.'s facility in Richmond, California. The USTs were observed to be of fiberglass construction in good condition with no visible holes. The USTs were triple rinsed and the rinsate was transported for off-site disposal under a State of California Uniform Hazardous Waste Manifest. The information regarding tank size, product contents, and approximate capacities is presented below.

UST No.	Product	Volume (gallons)	Dimensions (feet)
T-1	Gasoline	8,000	26 x 8
T-2	Gasoline	8,000	26 x 8

The soils present in the excavation sidewalls were brown, fine-grained, silty sand. Soil underlying the excavation consisted of silty clay. Groundwater was present at about 10 feet bgs. PHC odors were noted emanating from the UST excavation. Soil discoloration was noted in the northern and western sidewalls at approximately four feet bgs. Soil samples collected from beneath the USTs were saturated with groundwater and were black from either leaked gasoline or as a result of being deposited in a back bay reducing environment.

As directed by CCCHS, two soil samples were collected from beneath each of the two USTs (T-1 and T-2). The samples were obtained within brass sleeves collected from the backhoe bucket in accordance with CCCHS guidelines. The soil samples were collected from beneath the USTs at depths of approximately three feet below the bottom of the UST (11 feet bgs). One soil sample was collected from beneath the former location of each of the two fuel dispensers and one soil sample was collected from the west side of the dispenser island from beneath the former location of the product pipelines. Soil discolored by PHCs and faint PHC odor were noted from soil underlying the former fuel dispensers. The dispenser and pipeline soil samples were collected in brass sleeves driven into the soil with a slide hammer. Refer to the Figure 2 for the soil sample locations.

As directed by Mr. Yoshioka, the soil samples were submitted for analysis as summarized in Table IV. Copies of the analytical results and sample chain-of-custody records were included in Krazan's July 16, 2004 report which was subsequently forwarded to the RWQCB. Moderate to trace concentrations of gasoline PHCs were detected in samples collected from beneath the USTs and fuel dispensers.

Based on the findings during the UST removal, soil north and west of the UST excavation from a depth of approximately 3.5 to 4 feet bgs to a depth of 10 feet (the maximum depth explored) was stained black by prolonged exposure of PHCs, most likely released from USTs removed in 1999.

During the June 27, 2004 activities, Mr. Yoshioka noted the ARCO gasoline station east of and across Pinole Valley Road from the site. Mr. Yoshioka stated that he recalled the ARCO property had experienced significant PHC contamination from USTs at a previous date.

TKG intends to redevelop the existing Pinole Valley Shopping Center for commercial uses. Part of the redevelopment included demolishing the Beacon station and grading the soil underlying the Beacon

station in conjunction with grading the shopping center. TKG wanted to know how much contaminated soil, if any, would be encountered in the vicinity of the former dispensers and to the north and west of the UST excavation during the grading activities. Therefore, on July 27, 2004, Krazan returned to the site to collect soil samples to assess the extent of PHCs north and west of the UST excavation.

On July 27, 2004, a Geoprobe operated by Fast-Tek, Inc., of Point Richmond, California, was used to advance five soil borings (KB-1 to KB-5) to depths of approximately 5 to 10 feet bgs in order to visually assess the extent of impacted soil and to collect a sufficient number of soil samples so that the impacted soils could be analyzed for potential off-site disposal. Refer to Figure 4 for soil boring locations.

July 27, 2004 soil samples were analyzed for TPH-G and BTEX/MTBE. One soil sample was analyzed for total lead by EPA Method 6010B.

Soil encountered by advancing soil borings KB-1 to KB-5 consisted of silty clay from ground surface to approximately 10 feet bgs, the maximum depth explored. The soil from ground surface to approximately 3.5 to 4.0 feet bgs was brown and had no PHC odor or discoloration. Soil from a depth of approximately 3.5-4.0 to 10 feet bgs was stained black and had moderate to very strong gasoline PHC odor.

Review of Table V indicates that each of the six soil samples submitted for analysis contained detectable PHCs. The maximum concentrations of TPH-G and benzene were detected in the 10-foot-deep sample from KB-2, approximately 10 feet north of the UST excavation, and were present at 95 and 0.50 milligrams per kilogram (mg/kg), respectively. MTBE was not detected. Total lead was detected in one soil sample at 5.9 mg/kg.

Discussions with TKG subsequent to the July 27, 2004 field work indicated that the site grading would result in approximately 1.0 to 1.5 feet of soil being "removed" from the former Beacon site. Given that the impacted soil occurred at a minimum depth of 3.5 feet bgs, it appeared unlikely that the impacted soil north and west of the UST excavation would be encountered during grading activities. Soil with slight PHC discoloration and odor were present at approximately one to two feet bgs below the former fuel dispensers. However, the PHCs present in the June 29, 2004 dispenser soil samples indicates that the PHCs were present in trace concentrations and it is unlikely that the minimal amount of soil expected to be potentially encountered during site grading activities at the former dispenser locations will require segregation and off-site disposal.

According to the October 2002 U.S. EPA Region IX Preliminary Remediation Goals (PRGs), the PRGs for the pertinent constituents in a nonresidential setting are as follows:

Benzene:	1.3 mg/kg
Toluene:	520 mg/kg
Ethylbenzene:	20 mg/kg
Xylenes:	420 mg/kg

The Cal-Modified PRG for lead in a residential setting is 150 mg/kg. There is no stipulated regulatory level for TPH-G. None of the soil samples collected during the June 29, 2004 or July 27, 2004 activities contained constituents which exceeded the applicable PRGs. Although the soil samples collected from below the USTs contained moderately elevated TPH-G, the samples were collected from below the water table and are probably more representative of groundwater conditions as opposed to unsaturated soil conditions.

On January 25, 2005, Krazan completed a round of groundwater monitoring using MW-1 through MW-3, TW1 and TW2. January 25, 2005 water levels of the five monitoring wells indicated the depth to groundwater beneath the subject site was approximately 8 to 10 feet bgs (Table III). A potentiometric surface map (Figure 5) of the unconfined water table was generated using the groundwater depths measured from the published surveyed measuring point elevations of the monitoring wells (Grayland, 2003). The estimated groundwater flow direction for the January 25, 2005 monitoring event was approximately northwest at a gradient of approximately 0.0181 feet per foot (95 feet per mile). Groundwater depths, gradients, and flow directions can vary with seasonal groundwater withdrawals, aquifer recharge, the operation of municipal water supply wells and/or groundwater remedial extraction wells, and the influence of the west adjacent stream.

Groundwater from MW-1 had no obvious PHC odor and groundwater from MW-2 had a slight PHC odor. Groundwater from wells MW-3, TW1 and TW2 had very strong PHC odors. No free product was observed in the clear plastic bailers used to purge the wells. The well vaults and/or well casings for MW-4, TW1, and TW2 had been damaged; a sample could not be collected from MW-4.

January 25, 2005 groundwater samples were analyzed for BTEX and MTBE by EPA Method 8021B and TPH-G by EPA Method 8015B. As shown on the samples from MW-1, MW-2, and MW-3 did not contain PHCs, with the exception of MW-3 which contained 310 µg/l of MTBE. The sample from TW1

contained TPH-G (500 µg/l) and benzene (6.4 µg/l) and the sample from TW2 contained TPH-G (15,000 µg/l) and benzene (220 µg/l).

5.0 PURPOSE OF THE DECEMBER 2005 ASSESSMENT

In accordance with the RWQCB's December 28, 2004 letter, the purpose of the December 2005 assessment was to define the lateral and vertical extent of PHCs in soil and groundwater and to monitor the groundwater flow direction related to the subject site. In addition, a sensitive receptor survey including a search for any water supply wells within a 2,000-foot radius of the site and the identification of the nearest surface water bodies was conducted.

6.0 TECHNICAL APPROACH AND SCOPE OF WORK

The scope of work included preparing the April 1, 2005 workplan, acquiring CCCHS drilling permits, repairing the damaged monitoring well vaults and casings; drilling four exploratory soil borings; constructing, developing, and sampling three groundwater monitoring wells; collection and analysis of soil and groundwater samples; and preparing this summary report. The locations of the borings and wells are shown on Figure 4. The methodology is summarized below.

The further delineation of impacted soil in the central portion of the site was conducted by drilling a soil boring (KB-6) west of the location of the former fuel island. The quality of the groundwater east and upgradient of TW2 was assessed by the installation of a groundwater monitoring well (MW-7) at this southeastern location.

The lateral extent of the groundwater plume to the west and north of the site was assessed by the installation of two additional groundwater monitoring wells, MW-5 was installed approximately 75 feet southwest of MW-4 and MW-6 was installed approximately 95 feet northwest of TW2.

A surveyed stream gauge proposed in Krazan's April 1, 2005 workplan was not installed along Pinole Creek approximately 170 feet west of the site primarily because of steep, slippery stream banks and thick vegetation. The well heads for TW-1, TW-2, and MW-4 were repaired and are available for sampling.

The nine monitoring wells will be sampled and monitored at the minimum frequency required to determine the seasonal groundwater flow directions and the sources and extent of the groundwater plume. This data would be used to assess the need for site remediation.

7.0 METHODOLOGY

The methods proposed to accomplish the purpose and scope of the December 2005 assessment are listed below.

1. Before commencing the field investigation, a well construction permit was acquired from the CCCHS.
2. Before the commencement of drilling activities, Underground Services Alert (USA) was contacted to locate underground utilities. Before drilling, each boring location was carefully probed with a hand auger to a depth of approximately five feet bgs.
3. During the drilling of soil borings and monitoring wells, the drill cuttings (soil) were subjectively analyzed for PHC odor and discoloration
4. Soil samples from depths of approximately 5, 11 and 25 feet bgs and were selectively submitted for analysis of constituents noted below.
5. Soil boring KB-6 was backfilled with a cement-bentonite grout. The grout was emplaced into the boreholes with a tremie pipe or equivalent means in one continuous operation, from the bottom of the borehole to the ground surface.
6. Investigation derived waste (IDW) including drill cuttings (soil) and decontamination fluids was temporarily contained in DOT-approved steel 55-gallon drums. CPRA properly disposed the soil within 90 days following material generation. Krazan was not the generator of the IDW. Detailed field records were developed to document the source and volume of the IDW. Thirteen were transported and disposed at a facility permitted by the State of California for recycling of PHCs.
7. Groundwater monitoring wells were installed at the subject site in three of the soil borings. The well locations are shown on Figure 4. The total depths of the wells was based on the existing depth to groundwater, and on the anticipated vertical seasonal fluctuations of the water table. The wells are approximately 28 feet in depth. The wells were constructed of 2-inch-diameter Schedule 40 PVC water well casing and screen. The 20-foot-long screen interval has 0.020-inch-diameter slot size. The screen interval extended to approximately 18 to 19 feet below and 2 to 1 feet above the depth of the water table based on December 2005 measurements. A filter pack, consisting of rounded, washed, bagged Lonestar No. 3 sand was placed into the annular space to a depth of approximately two feet above the screen interval. A three-foot-thick seal, consisting of hydrated bentonite pellets, was placed above the filter pack. The remaining annular space was filled with a cement-bentonite grout. A flush-mounted, traffic-rated well vault was emplaced to

13. The wellhead elevation survey was conducted to provide surveyed measuring point elevations used to assess the elevations of the water table in the nine monitoring wells. The survey was conducted by Virgil Chavez Land Surveying of Vallejo, California, a licensed land surveyor. The well survey results are presented in Appendix D. The horizontal well locations are accurate to \pm one foot. The vertical measuring point elevation will be accurate to \pm 0.01 foot. Depth to groundwater and the corresponding water table elevations information will be obtained and incorporated with the quarterly groundwater monitoring activities. Monitoring well locations will be identified by the Global Positioning Satellite (GPS) data required by the State Water Resources Control Board (SWRCB) for submittal under the Electronic Data Filing Program (AB 2886 – Water Code Sections 13195 to 13198).
14. Quarterly monitoring of wells will consist of the collection of groundwater samples and the measurement of water levels. Sample analytical data and maps showing groundwater gradients and flow directions will be submitted to the RWQCB within four weeks of a quarterly monitoring event. These reports will include the status of the investigation and will be prepared in accordance with RWQCB guidelines.
15. Equipment used for the advancing of soil borings, the sampling of soils, and the installation of monitoring wells was decontaminated (steam-cleaned, TSP, lab-grade detergents, etc.) before arriving onsite, between each boring and/or sampling, and before leaving the site each day, or as necessary to reduce the chances of cross-contamination. The decontamination fluids (rinsate) were temporarily contained in DOT-approved steel 55-gallon sealable drums. The rinsate was stored onsite pending analytical results and was disposed by CPRA within 90 days following material generation in conjunction with the other IDW.
16. Field work was conducted by individuals meeting the Occupational Safety and Health Administration (OSHA) requirements for hazardous waste work including 40-hour health-and-safety training and medical monitoring. The work was completed under standards set forth by the industry and deemed acceptable by various regulatory agencies. Hard hats, protective eyewear and clothing, steel-toe boots, and respiratory devices were worn by Krazan personnel when deemed appropriate by the field engineer or geologist present.
17. A site-specific health and safety plan was prepared prior to implementing the field activities related to this workplan.
18. Geotracker files related to the ARCO facility gasoline station maintained by the SWRCB will be reviewed.

8.0 FINDINGS OF THE DECEMBER 2005 ASSESSMENT

The findings associated with the December 2005 assessment activities are summarized below. The findings include description of soil and groundwater sample analytical results, the occurrence and gradient of groundwater, the monitoring well repair, and the sensitive receptor survey

8.1 Soil Analytical Results

Analytical results of soil samples collected from the December, 2005 soil boring are summarized in Table VI. Laboratory analytical reports and sample chain of custody records are presented in Appendix C.

As noted on the December 2005 soil boring logs, no PHC odor or discolorations were noted in the drill cuttings from MW-5. Drill cuttings from MW-6 had moderate PHC odor from approximately 11 to 16 feet bgs and strong odor at approximately 18 feet, with slight odor at approximately 24 feet bgs. Discoloration was noted in MW-6 drill cuttings collected from approximately 11 to 12 feet bgs. Drill cuttings from MW-7 from approximately 11 feet bgs to total depth had PHC odor and discoloration. Review of Table VI indicates that the 11 foot-deep soil sample from MW-5 contained trace concentrations of benzene and MTBE. Given MW-5's location, it would appear that these PHCs most likely migrated to this location within shallow groundwater. Soil samples from approximately 11 feet bgs from MW-6 and MW-7 contained trace to moderately low concentrations of PHCs. Soil samples from approximately 25 feet bgs from MW-6 and MW-7 contained moderately low concentrations of PHCs. It should be noted that the soil samples collected from 11 feet bgs and deeper were subaqueous and may represent sorbed PHCs that migrated to these locations within groundwater.

Two soil samples were collected from soil boring KB-6 which was advanced in the central portion of the site. The five-foot-deep sample contained trace concentrations of PHCs and the 11-foot deep sample contained 630 mg/kg TPH-G and no detectable benzene. The inferred lateral extent of PHCs in soil at approximately 11-foot-deep bgs is shown on Figure 6.

8.2 Groundwater Sample Analytical Results

The nine groundwater monitoring wells were sampled on December 23, 2005. Analysis of pertinent PHCs is summarized on Table II. Review of Table II indicates that the groundwater sample from MW-1, located south and crossgradient of the site, contained trace concentrations of benzene and MTBE. Monitoring wells MW-2, MW-3, and MW-5 are located west of the site and appear to be located either crossgradient or somewhat downgradient depending on seasonal movement of groundwater. The December 23, 2005 groundwater samples from these three wells contained low to moderately elevated concentrations of MTBE; no other PHCs were detected.

Monitoring wells MW-4, MW-6, and MW-7 are to a greater or lesser extent, downgradient from the ARCO facility. MW-6 is also downgradient of the subject site. The December 23, 2005 groundwater

samples from MW-6 and MW-7 contained the greatest concentrations of PHCs. The sample from MW-7 contained 29,000 µg/l TPH-G and 1,200 µg/l benzene and the sample from MW-6 contained 8,300 µg/l TPH-G and 170 µg/l benzene. The December 23, 2005 sample from MW-4, which is located immediately adjacent to the former UST location, contained 120 µg/l TPH-G and 1.6 µg/l benzene.

8.3 Groundwater Occurrence and Gradient

During December 2005 assessment activities, groundwater was encountered at a depth of approximately 6.5 to 10 feet bgs, depending on the location of the wells. Water levels from the nine wells were obtained on December 23, 2005 (Table III). Based on December 23, 2005 data, the groundwater gradient was 0.04 feet per foot (approximately 211 feet per mile) in a northwesterly direction as shown on the potentiometric surface map shown on Figure 7.

8.4 Well Repair Activities

Three of the on site monitoring wells, TW1, TW2, and MW-4 were repaired December 22, 2005. Repairs for wells TW1 and TW2 consisted of clearing away construction debris from around the wells and installation of well vaults. Redi-mix® concrete was used to secure each vault and complete the installation to surface grade. The well repair for MW-4 consisted of removing and replacing a section of damaged casing near the top of the well. The damaged section was cut off and removed, and the repair was completed using a coupler fitting and new section of PVC pipe. Following repair, a vault was installed over the well and secured and completed to surface-grade with Redi-mix® concrete.

8.5 Sensitive Receptor Survey

Sensitive receptors include local residents that could potentially have dermal contact or ingestion of PHC-impacted groundwater, and aquatic life present in nearby surface water bodies. Dermal contact with groundwater underlying the site is unlikely because the groundwater is present at depths of 6.5 to 10 feet bgs. Future construction may require excavations to extend to these depths. However, at this time, the site developer is TKG and TKG is aware of the environmental issues associated with subsurface soil. According to information obtained from the East Bay Municipal Utility District (EBMUD), potable water to the City of Pinole is provided by EBMUD from water delivered by an aqueduct from Pardee Reservoir in Amador County.

9.0 DISCUSSION OF FINDINGS

PHCs in Soil

As stated in Krazan's April 1, 2005 workplan, and prior to conducting the December 2005 assessment, the most obvious source of contamination in groundwater was the gasoline and possibly diesel PHCs released from USTs that were replaced during 1985. It is possible that the gasoline PHCs released from the pre-1985 USTs contained MTBE. The 1985 USTs were removed in 1999 but Krazan is unaware of the condition of the USTs, specifically, if holes were observed suggesting that PHCs were released from the 1985 USTs. The statement that the most obvious source of the PHC is the pre-1985 UST is made because the fiberglass USTs removed during June 2004 did not appear to have leaked any PHCs. In addition, the soil sample collected during the June 2004 UST removal contained relatively moderate amounts of PHCs. In addition, as summarized on Table V, July 27, 2005 soil samples collected from 10 feet bgs from borings (KB-1 through KB-6) advanced 10 to 30 feet northwest (and downgradient) of the former UST location contained 95 mg/kg and 7.9 mg/kg TPH-G and 0.50 mg/kg and 0.19 mg/kg benzene. The results of the June and July 2004 soil samples do not suggest that soil in this area is a significant source of PHCs. The trace of two generalized geologic cross section A-A' and B-B' are shown on Figure 9. The cross sections depict soil sample analytical results and the inferred extent of PHCs in soil.

The bottom of the three generations of USTs were submerged in groundwater the majority of the time they were present. At this juncture, the former UST excavation is backfilled primarily by pea gravel.

Site Stratigraphy and Hydrology

The logged stratigraphy indicates the upper 28 feet of sediment is primarily composed of clayey sediments deposited in a reducing environment. These sediments appear to have limited horizontal and vertical permeability. This is demonstrated by Grayland's observations that "free" groundwater was not discernable until borings were advanced to approximately 20 feet bgs and that the static depth to groundwater varies from approximately 8 to 10 feet (depending on site grade). Krazan's borings advanced during December 2005 demonstrate a similar response, i.e., groundwater was initially noted seeping to the boreholes at a depth of 15 feet bgs while the water table was eventually measured at 6.5 to 10 feet bgs. The boring log for MW-6 drilled during December 19, 2005 indicates a sandy clay is present from approximately 18 to 26 feet bgs. It's possible that this stratum could have greater hydraulic conductivity relative to the stiff to hard sediments underlying most of the site.

Groundwater drains from the surrounding highlands and most likely flows parallel with the northwest trending valley where it may discharge seasonally into Pinole Creek. Groundwater underlying the site has a west-northwest flow direction at very steep gradients.

PHCs in Groundwater

Review of an October 27, 2004 report titled *Third Quarter 2004 Groundwater Monitoring Report, ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, California* and electronic submittals of ARCO station groundwater monitoring results during the first three quarters of 2005 indicate that the former ARCO facility were (and are) a significant source of PHCs in groundwater. ARCO monitoring well A-6 is located approximately 40 feet due east of the subject site and MW-4. ARCO monitoring well A-7 is located approximately 110 feet northeast of MW-4 and 80 feet east of MW-6 (Figure 4). During the first three quarters of 2005, A-6 contained 14,000 µg/l, 42,000 µg/l, and 53,000 µg/l TPH-G and 3300 µg/l, 1300 µg/l and 1600 µg/l benzene. During the same period, samples from A-7 contained 1400 µg/l, 600 µg/l, and 610 V TPH-G, and 59 µg/l, 36 µg/l, and, 36 µg/l benzene.

The cumulative results of four groundwater samples from MW-2 and MW-3 and the December 23, 2005 sample from MW-5 indicate that the PHCs (TPH-G and benzene) in groundwater underlying the site do not appear to have migrated in significant concentrations to the west of the former Beacon Station. Moderate concentrations of MTBE continue to be detected in samples from these wells, particularly MW-3. Based on these results, there is no obvious threat to the water quality in the west-adjacent Pinole Creek.

PHCs in groundwater from whatever sources that are present do not appear to have migrated to the south of the site as determined by four groundwater samples from MW-1. Relatively minor concentrations of MTBE continue to be detected in samples from MW-1. PHCs in groundwater in the northeast portion of the site as determined by three samples from MW-4 indicate decreasing but still significant concentrations of TPH-G and benzene. The December 23, 2005 sample from MW-4 contained 120 µg/l TPH-G, 1.6 µg/l benzene and 640 µg/l MTBE. PHCs in groundwater in the southeast portion of the site as determined by three samples from TW-2 and one sample from MW-7 indicate significant and elevated concentrations of PHCs. The December 23, 2005 sample from MW-7 contained three samples from TW-2 and 29,000 µg/l TPH-G and 1,200 µg/l benzene; MTBE was present at 1.3 µg/l. The December 23, 2005 sample from TW-2 contained 3,500 µg/l TPH-G, 6.1 µg/l benzene; MTBE was not detected.

Given the absence of a significant on-site source of PHCs in on-site soils, particularly in the southern portion of the site, and in light of the elevated PHC concentrations in the ARCO wells east and upgradient of the site, it appears that the ARCO facility is a source, and possibly the primary source, of PHCs in groundwater underlying the site. PHCs in groundwater north and downgradient of the site as determined by one December 23, 2005 sample from MW-6 is not defined. The sample from MW-6 contained 8,300 $\mu\text{g/l}$ TPH-G and 170 $\mu\text{g/l}$ benzene; no MTBE was present.

At this time, it appears that the "core" of the PHC plume emanates from the ARCO facility and migrates preferentially north and west from the ARCO facility in the area flanked by wells A-7 and MW-4. The "core" of the PHC plume appears to be migrating within sediments monitored by wells A-6 and MW-6. It appears possible that PHCs emanating from the ARCO facility may also be migrating to the southern part of the site as determined by historical groundwater analytical results and the as yet limited analytical data from MW-7.

10.0 LIMITATIONS

The findings of this report were based upon the results of our field and laboratory investigations, along with the interpretation of subsurface conditions associated with the well installations. Evaluation of site conditions for the purpose of sampling and testing was made from a limited number of observation and sampling points. Subsurface conditions may vary beyond the data points available and it is not possible to account for these variations, despite exhaustive additional testing. Therefore, the data are accurate only to the degree implied by review of the data obtained and by professional interpretation.

Chemical testing was done by laboratories certified by the State of California Department of Health Services. The findings presented herewith are based on professional interpretation using state of the art methods and equipment and a degree of conservatism deemed proper as of this report date. It is not warranted that such data cannot be superseded by future geotechnical, environmental, or technical developments.

Our study and report were prepared for the exclusive use of our client who authorized this work. Unauthorized use of or reliance on the information contained in this report without the expressed written consent of Krazan is strictly prohibited.

Please feel free to contact the undersigned at (559) 348-2200 if you have any questions regarding this report.



Respectfully submitted,

KRAZAN & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Stephen Bahr".

Stephen Bahr, E.I.T.
Environmental Staff Engineer

A handwritten signature in black ink, appearing to read "Arthur H. Morrill".

Arthur H. Morrill
Professional Geologist No. 5383

Attachments
SSB/AHM/nlr

1c: Ms. Cynthia Romer, TKG
1c: Mr. Andrew Reid, CPRA

Tables

TABLE I
 Site Wells
 2810 Pinole Valley Road

Well No.	Installation Date	Installed by	Total Depth (feet bgs)	Screen Interval	Reference Elevation ²
TW-1	August 1984	Texaco	17.0	7.0-17.0 ¹	66.84
TW-2	August 1984	Texaco	16.0	6.0-16.0 ¹	67.11
MW-1	June 12, 2002	Grayland	28.5	8.5-28.5	64.32
MW-2	June 12, 2002	Grayland	28.8	8.8-28.8	62.77
MW-3	June 12, 2002	Grayland	28.3	8.3-28.3	61.52
MW-4	June 12, 2002	Grayland	28.0	8.0-28.0	65.96
MW-5	December 19, 2005	Krazan	27.5	7.5-27.5	63.19
MW-6	December 19, 2005	Krazan	28.0	8.0-28.0	62.93
MW-7	December 19, 2005	Krazan	27.8	7.8-27.8	65.66

Notes

1. Screen intervals are not reported, screen intervals are inferred.
2. Reference elevations according to the January 24, 2006 well survey by Virgil Chavez Land Surveying.

TABLE II
 Cumulative Groundwater Sample Analytical Results
 2810 Pinole Valley Road
 December 23, 2005 Sampling

(Concentrations reported in micrograms per liter [µg/l])

Sample/Well No./Sample Date	TPH-G	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
UST Excav/Pinole-005										
January 13, 1999	550	1.1	25.0	12.0	52.0	28.0	NA	NA	NA	NA
June 12-13, 2002 Soil Borings										
Boring B5-W-19	17,000	520	66	640	2,000	260	NA	NA	NA	NA
Boring B6-W-19	1,200	65	7.9	44	85	41	NA	NA	NA	NA
Boring B7-W-19	22,000	3,300	2,100	850	2,500	29,000	NA	NA	NA	NA
MW-1										
January 27, 2003	ND	ND	ND	ND	ND	93	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	19	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
December 23, 2005	ND	0.72	ND	ND	ND	6.8	ND	ND	ND	ND
MW-2										
January 27, 2003	180	3.9	ND	14	1.8	70	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
December 23, 2005	ND	0.54	0.68	ND	ND	2.0	ND	ND	ND	ND
MW-3										
January 27, 2003	ND	ND	ND	ND	ND	3,900	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	280	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	310	NA	NA	NA	NA
December 23, 2005	ND	ND	ND	ND	ND	560	ND	ND	ND	ND
MW-4										
January 27, 2003	1,000	190	6.0	39	38	1,400	NA	NA	NA	NA
April 22, 2004	2,200	290	12	120	2.1	370	NA	NA	NA	NA
December 23, 2005	120	1.6	1.7	ND	ND	640	ND	ND	ND	ND
MW-5										
December 23, 2005	ND	ND	ND	ND	ND	16	ND	ND	ND	ND
MW-6										
December 23, 2005	8,300	170	32	150	140	ND	ND	ND	ND	ND
MW-7										
December 23, 2005	29,000	1,200	140	640	2,700	1.3	ND	ND	58	ND

TABLE II (Cont.)

Sample/Well No./Sample Date	TPH-G	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
TW1										
January 27, 2002	1,000	46	0.63	56	15	0.59	NA	NA	NA	NA
January 25, 2005	500	6.4	1.1	8.4	8.1	ND	NA	NA	NA	NA
December 23, 2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-2										
January 27, 2002	17,000	230	22	130	950	ND	NA	NA	NA	NA
January 25, 2005	15,000	220	88	370	1300	ND	NA	NA	NA	NA
December 23, 2005	3,500	6.1	2.1	1.3	32	ND	ND	ND	ND	ND

TPH-G	=	Total petroleum hydrocarbons as gasoline by EPA Method 8015M.
BTEX	=	Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8020.
MTBE	=	Methyl tertiary-butyl ether by EPA Method 8260.
ND	=	Analyte not detected at or above the laboratory reporting limit.
DIPE	=	Di-isopropyl ether by EPA Method 8260.
ETBE	=	Ethyl tert-butyl ether by EPA Method 8260.
TAME	=	Tert-amyl methyl ether by EPA Method 8260.
TBA	=	Tert-butyl ether by EPA Method 8260.
FP	=	Free product in well.
NA	=	Not analyzed.

TABLE III
 Water Level Data
 2810 Pinole Valley Road
 Pinole, California

Sounding Date	MW-1		MW-2		MW-3		MW-4			
	Water Depth (ft bmp)	Water Elev (ft ansl)	Water Depth (ft bmp)	Water Elev (ft ansl)	Water Depth (ft bmp)	Water Elev (ft ansl)	Water Depth (ft bmp)	Water Elev (ft ansl)		
Apr. 22, 2004	8.80	55.52	11.29	51.48	12.80	48.72	10.10	55.86		
Jan. 25, 2005	8.09	56.23	10.11	52.66	9.38	52.14	NM	NM		
Dec. 23, 2005	6.90	57.42	8.80	53.97	7.95	53.57	6.47	59.49		
	MW-5		MW-6		MW-7		TW-1		TW-2	
	Reference Elevation	63.19 (ft ansl)	Reference Elevation	62.93 (ft ansl)	Reference Elevation	65.66 (ft ansl)	Reference Elevation	66.84 (ft ansl)	Reference Elevation	67.11 (ft ansl)
Dec. 23, 2005	8.40	54.79	9.59	53.34	7.43	58.23	9.96	56.88	10.03	57.08

ft ansl = Feet above mean sea level.
 ft bmp = Feet below surveyed measuring point on north side of PVC well casing, as determined by the January 24, 2006 survey by Virgil Chavez Land Surveying
 NM = Not measured, casing damaged.

TABLE IV
Soil Sample Analytical Results
UST Removal
2810 Pinole Valley Road
June 29, 2004 Sampling

(Concentrations reported in milligrams per kilogram [mg/kg])

Sample No.	Depth ft. bgs	TPH-G	MTBE	B	T	E	X
T-1-E	11	64	ND	ND	0.61	ND	ND
T-1-W	11	26	ND	ND	0.24	ND	ND
T-2-E	11	1,100	ND	ND	ND	19	29
T-2-W	11	110	ND	ND	0.68	ND	ND
D-1-N	3	15	0.48	ND	ND	0.29	ND
D-2-S	3	0.20	0.0069	ND	0.0041	ND	ND
P-1-3	3	ND	0.040	0.019	ND	ND	ND

ft. bgs = Feet below ground surface.

TPH-G = Total petroleum hydrocarbons as gasoline by EPA Method 8015B.

MTBE = Methyl tertiary butyl ether by EPA Method 8021B.

BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8021B.

ND = Analyte not detected at or above the reporting limit.

TABLE V
Soil Sample Analytical Results
Soil Borings
2810 Pinole Valley Road
July 27, 2004 Sampling

(Concentrations reported in milligrams per kilogram [mg/kg])

Boring No.	Sample No.	Depth ft. bgs	TPH-G	MTBE	B	T	E	X
KB-2	KB-2-5	5	0.27	ND	ND	0.0073	ND	ND
	KB-2-10	10	95	ND	0.50	0.94	1.8	4.9
KB-3	KB-3-5	5	0.87	ND	ND	0.031	ND	0.0091
	KB-3-10	10	7.8	ND	0.19	0.052	0.022	0.10
KB-4	KB-4-5	5	0.55	ND	0.010	0.0079	ND	0.0094
KB-5	KB-5-5	5	0.17	ND	0.0073	0.0053	ND	0.011

ft. bgs = Feet below ground surface.

TPH-G = Total petroleum hydrocarbons as gasoline by EPA Method 8015B.

MTBE = Methyl tertiary butyl ether by EPA Method 8021B.

BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8021B.

ND = Analyte not detected at or above the reporting limit.

TABLE VI
 Soil Sample Analytical Results
 Krazan Monitoring Well Installation
 Pinole Valley Beacon
 December 19 & 20, 2005 Sampling
(Concentrations in milligrams per kilogram, [mg/kg])

Boring No.	Sample Depth (ft. bgs)	TPH-G	B	T	E	X	MTBE
MW-5	11	ND	0.0032	ND	ND	ND	0.011
MW-6	11	0.67	0.0042	0.016	ND	0.0031	0.020
	24	86	ND	.58	0.74	0.69	ND
MW-7	11	88	0.17	0.27	0.94	1.7	ND
	26	94	0.37	0.50	1.0	2.8	ND
KB-1	5	1.6	0.024	0.0069	ND	0.023	0.41
	11	630	ND	ND	8.1	31	ND

ft. bgs = Feet below ground surface.

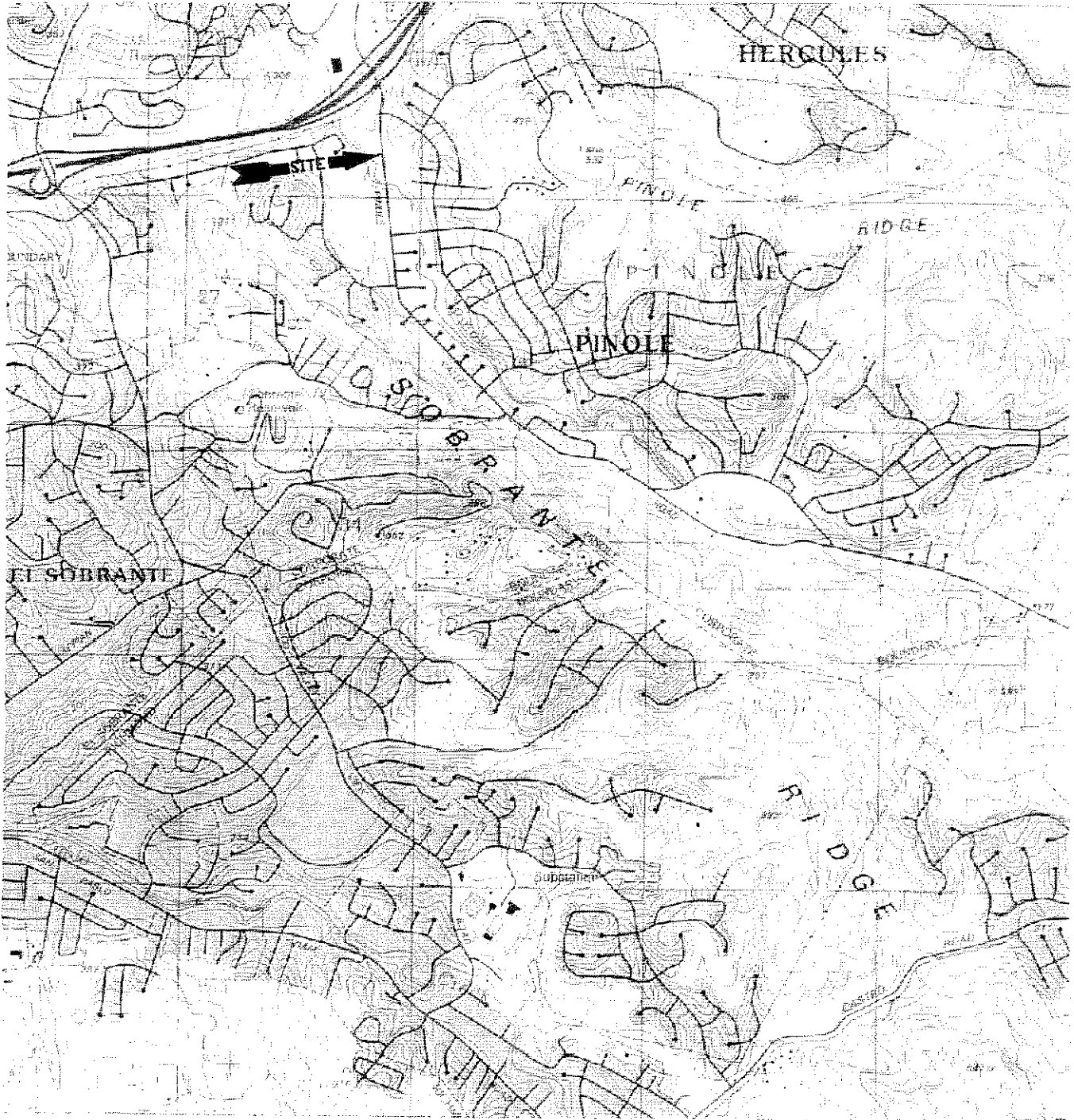
TPH-g = Total petroleum hydrocarbons as gasoline by EPA Method 8015M.

BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether by EPA Method 8021B.

ND = Analyte not detected at or above the laboratory reporting limit.

Figures



MAP SOURCE:
 7.5 MINUTE SERIES
 U.S.G.S. TOPOGRAPHIC MAP
 RICHMOND, CA
 DATED 1995



SCALE IN FEET (±)
 *ALL LOCATIONS AND DIMENSIONS
 ARE APPROXIMATE

VICINITY MAP

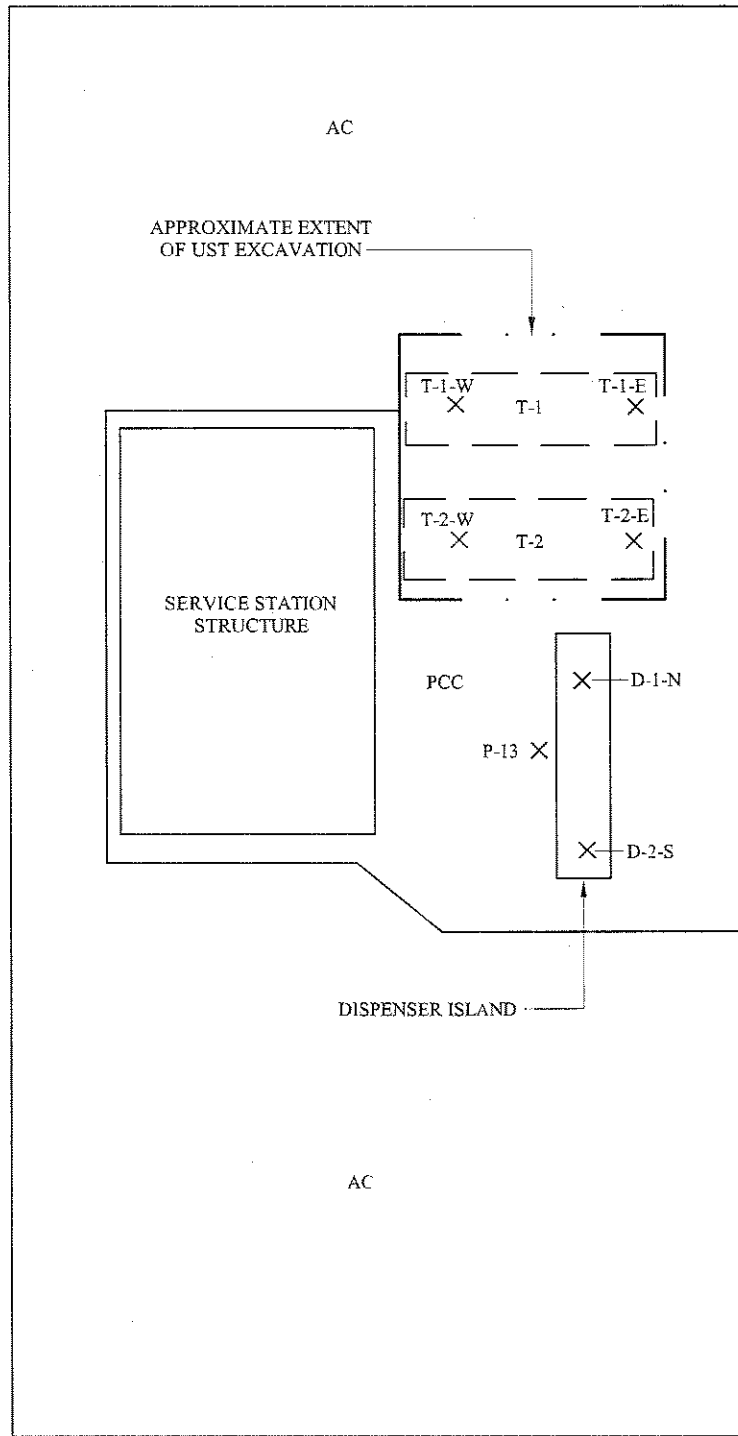
PINOLE VALLEY BEACON
 2810 PINOLE VALLEY ROAD
 PINOLE, CALIFORNIA

Scale:	Date:
AS SHOWN	10/04
Drawn by:	Approved by:
D. B.	A. H. M.
Project No.	Figure No.
044-03006	1

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 Offices Serving the Western United States

P I N O L E V A L L E Y S H O P P I N G C E N T E R

P I N O L E V A L L E Y R O A D



EXPLANATION

- AC ASPHALT CONCRETE
- PCC PORTLAND CEMENT CONCRETE
- × SOIL SAMPLE LOCATION (JUNE 29, 2004)
- LOCATION OF FORMER UST



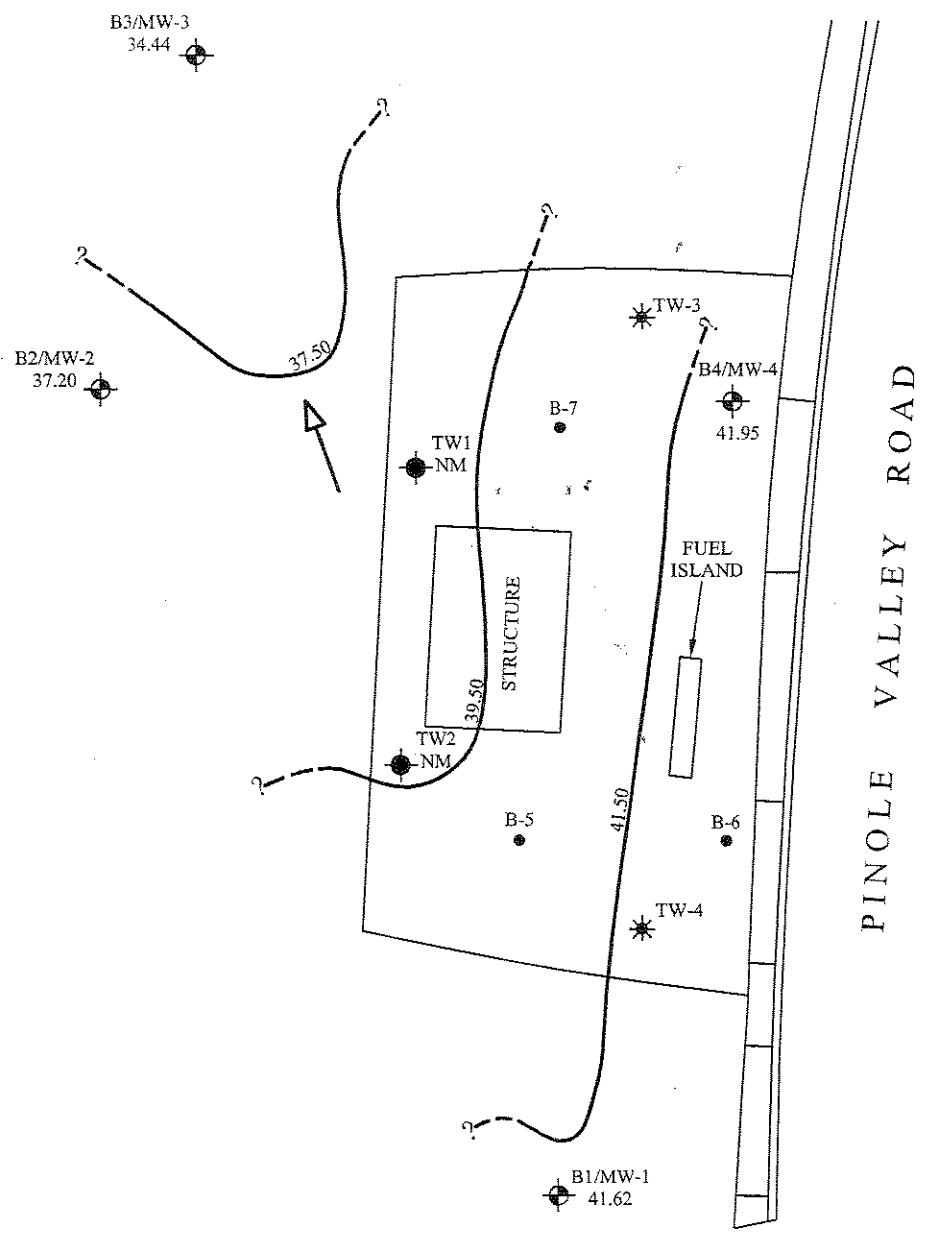
SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

UST REMOVAL SOIL SAMPLE LOCATION MAP

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Scale:	Date:
AS SHOWN	7/04
Drawn by:	Approved by:
D. B.	A. H. M.
Project No.	Figure No.
044-03006	2

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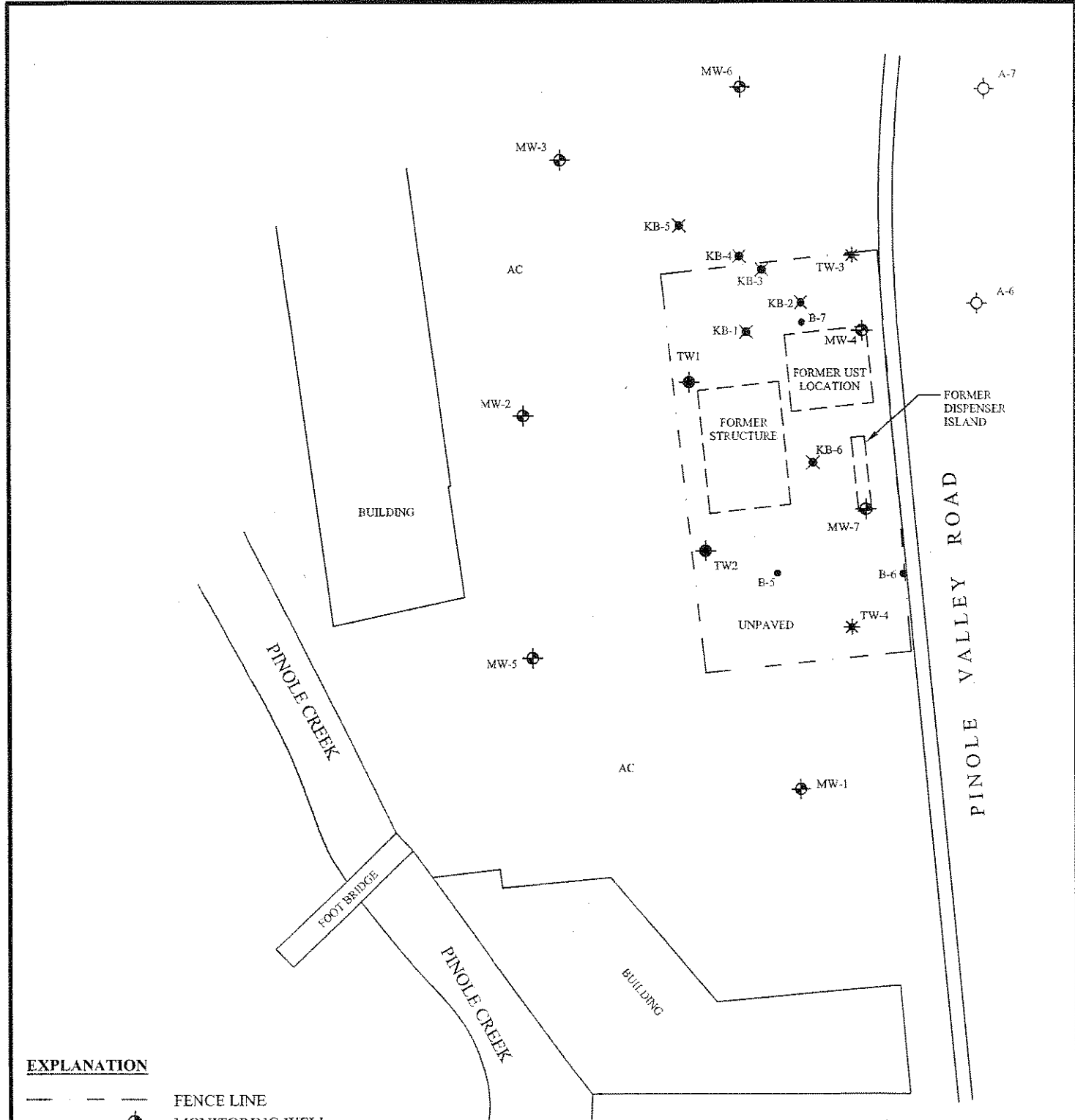
EXPLANATION

- 41.95 GROUNDWATER POTENTIOMETRIC SURFACE CONTOUR WITH ELEVATION IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE APPROXIMATE)
- NM NOT MEASURED
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- MONITORING WELL (JUNE 2002) WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- "ABANDONED" TEXACO MONITORING WELL (PRE-1999)
- SOIL BORING
- TEXACO MONITORING WELL (PRE-1999)



SCALE IN FEET (±)
 *ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

POTENTIOMETRIC SURFACE MAP APRIL 22, 2004	Scale:	Date:	 Krazan SITE DEVELOPMENT ENGINEERS Offices Serving the Western United States
	AS SHOWN	7/04	
PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	Drawn by:	Approved by:	
	A. L. F.	A. H. M.	
	Project No.	Figure No.	
	044-03006	3	




EXPLANATION

- FENCE LINE
- ⊕ MONITORING WELL
- ⊗ SOIL BORING BY KRAZAN
- ⊛ "ABANDONED" TEXACO MONITORING WELL (PRE-1999)
- SOIL BORING BY GRAYLAND ENVIRONMENTAL (JUNE 2002)
- ⊙ TEXACO MONITORING WELL (PRE-1999)
- ARCO MONITORING WELL
- AC ASPHALT CONCRETE

NOTE: Layout of well locations and buildings based on monitoring well survey conducted January 2005 by Virgil Chavez Land Surveying

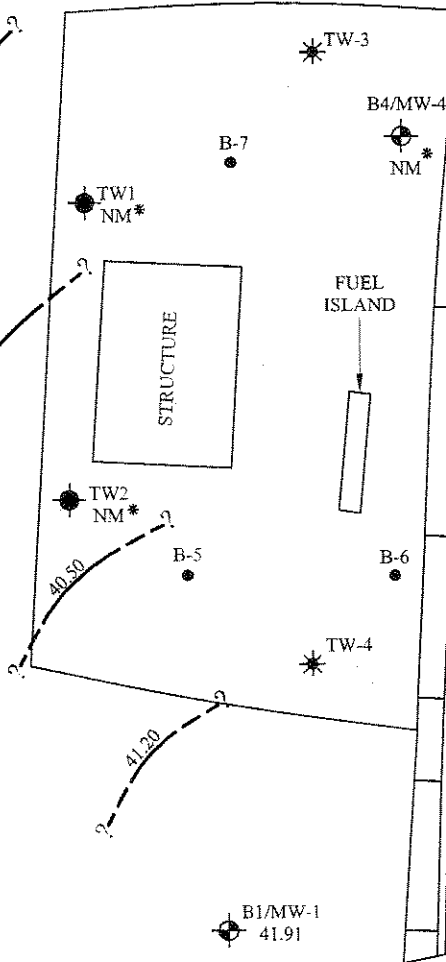
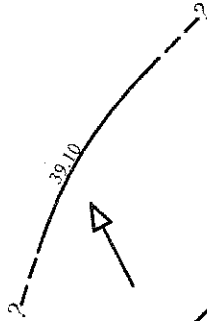


SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

SITE MAP WITH SOIL BORINGS AND MONITORING WELLS PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	Scale:	Date:	 Krazan SITE DEVELOPMENT ENGINEERS Offices Serving the Western United States
	AS SHOWN	1/06	
	Drawn by:	Approved by:	
	S. A.	S. B.	
Project No.	Figure No.		
044-03006	4		

B3/MW-3
37.86

B2/MW-2
38.38



B1/MW-1
41.91

EXPLANATION

?- - - 40.20 GROUNDWATER POTENTIOMETRIC SURFACE CONTOUR WITH ELEVATION IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE APPROXIMATE)

NM* NOT MEASURED, CASING AND/OR VAULT DAMAGED

→ APPROXIMATE GROUNDWATER FLOW DIRECTION

⊕ MONITORING WELL (JUNE 2002) WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL

* "ABANDONED" TEXACO MONITORING WELL (PRE-1999)

• SOIL BORING

⊕ TEXACO MONITORING WELL (PRE-1999)



SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

POTENTIOMETRIC SURFACE MAP
JANUARY 25, 2005

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Scale:

AS SHOWN

Drawn by:

A. L. F.

Project No.

044-03006

Date:

2/05

Approved by:

A. H. M.

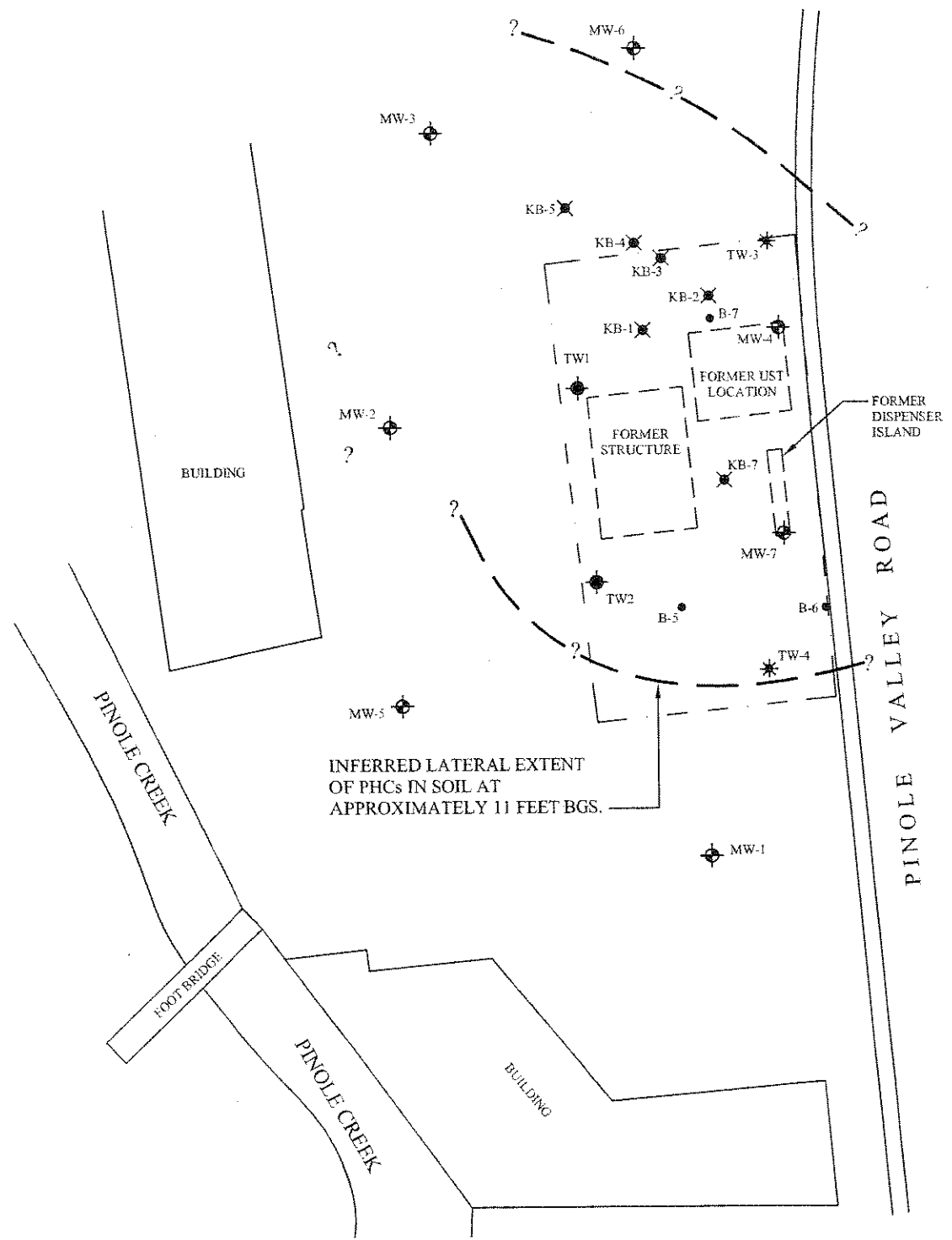
Figure No.

5



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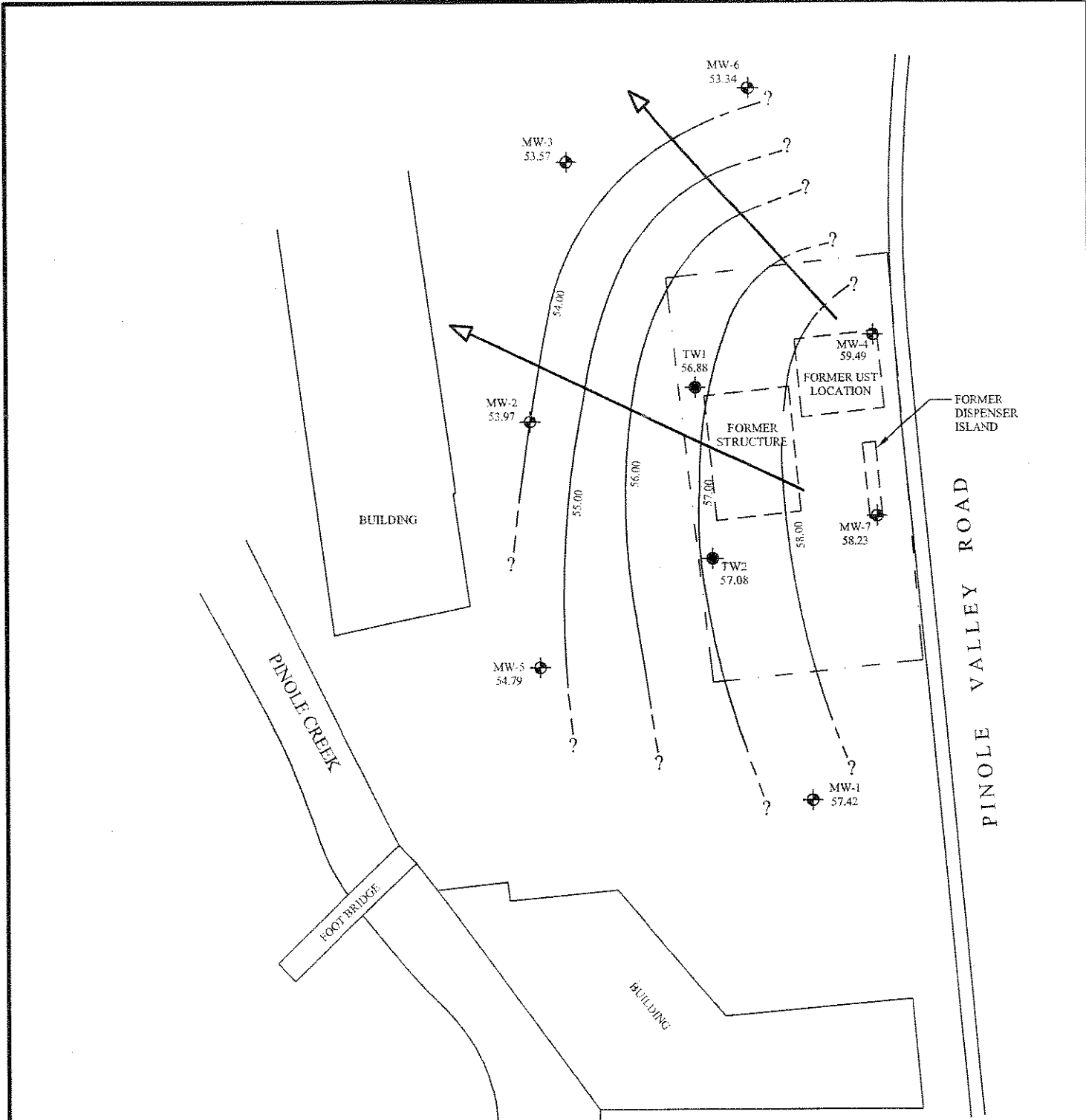
EXPLANATION

- — — — — FENCE LINE
- ⊕ MONITORING WELL
- ✱ SOIL BORING BY KRAZAN
- ✱ "ABANDONED" TEXACO MONITORING WELL (PRE-1999)
- SOIL BORING (JULY 2004)
- ⊕ TEXACO MONITORING WELL (PRE-1999)



SCALE IN FEET (±)
 *ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

INFERRED LATERAL EXTENT OF PHCs IN SOIL PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	Scale:	Date:	 Krazan SITE DEVELOPMENT ENGINEERS Offices Serving the Western United States
	AS SHOWN	1/06	
	Drawn by:	Approved by:	
	S. A.	S. B.	
Project No.	Figure No.		
044-03006	6		




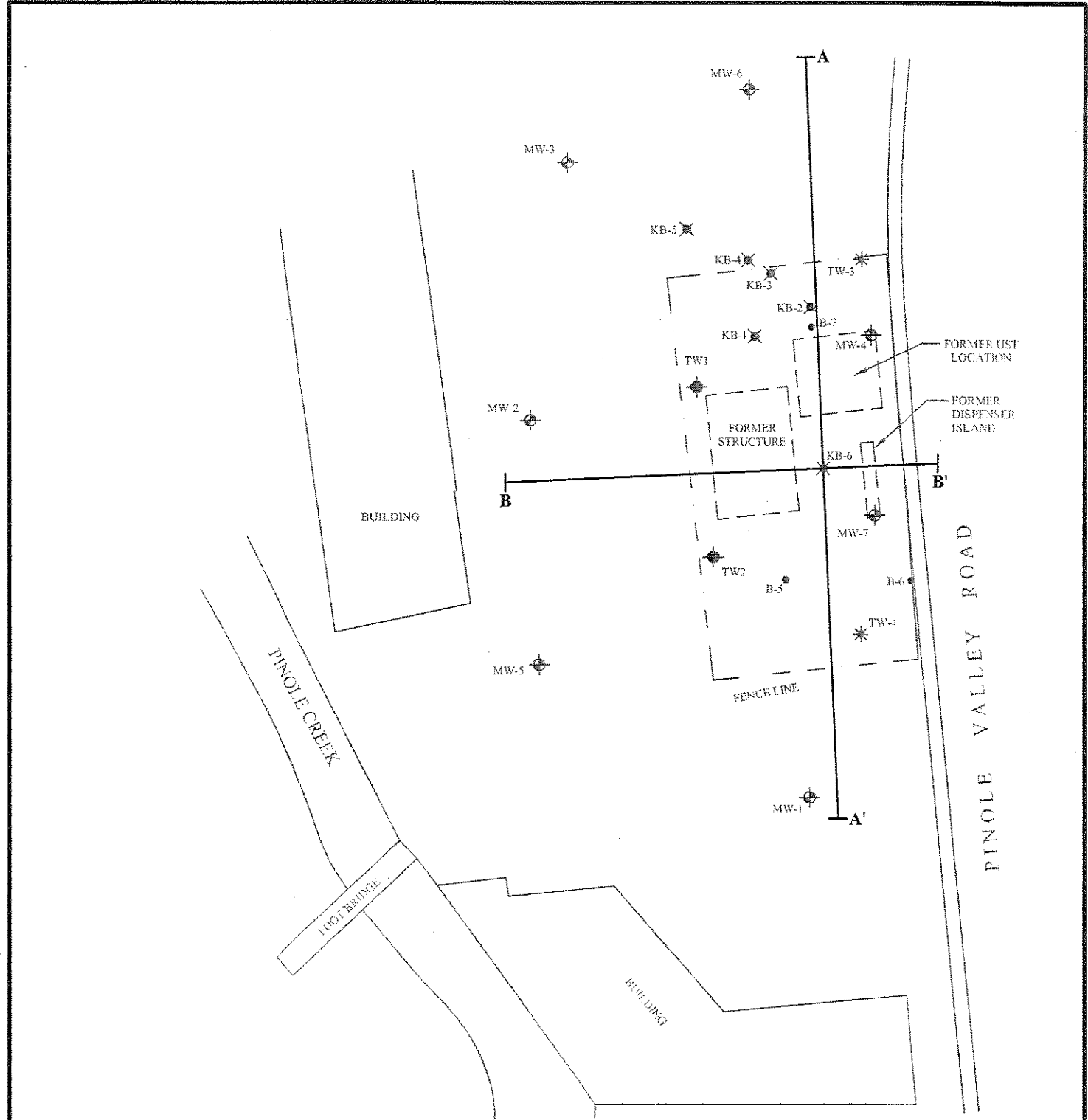
EXPLANATION

- — — — — FENCE LINE
- ?- - - 55.00 GROUNDWATER POTENTIOMETRIC SURFACE CONTOUR WITH ELEVATION IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE APPROXIMATE)
- > APPROXIMATE GROUNDWATER FLOW DIRECTION
- ⊕ MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- TEXACO MONITORING WELL (PRE-1999)



SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

POTENTIOMETRIC SURFACE MAP DECEMBER 23, 2005	Scale:	Date:	 Krazan SITE DEVELOPMENT ENGINEERS Offices Serving the Western United States
	AS SHOWN	1/06	
PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	Drawn by:	Approved by:	
	S. A.	S. B.	
	Project No.	Figure No.	
	044-03006	7	



EXPLANATION

- FENCE LINE
- ⊕ MONITORING WELL
- ✕ SOIL BORING BY KRAZAN
- ⊛ "ABANDONED" TEXACO MONITORING WELL (PRE-1999)
- SOIL BORING BY GRAYLAND ENVIRONMENTAL (JUNE 2002)
- ⊙ TEXACO MONITORING WELL (PRE-1999)



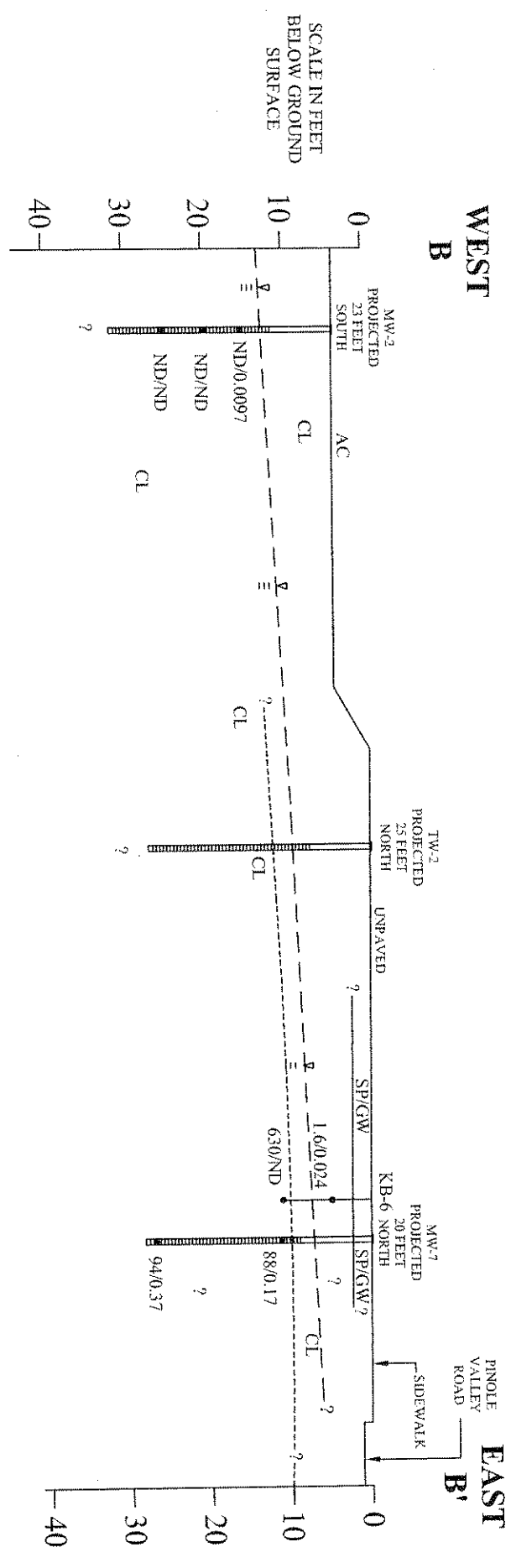
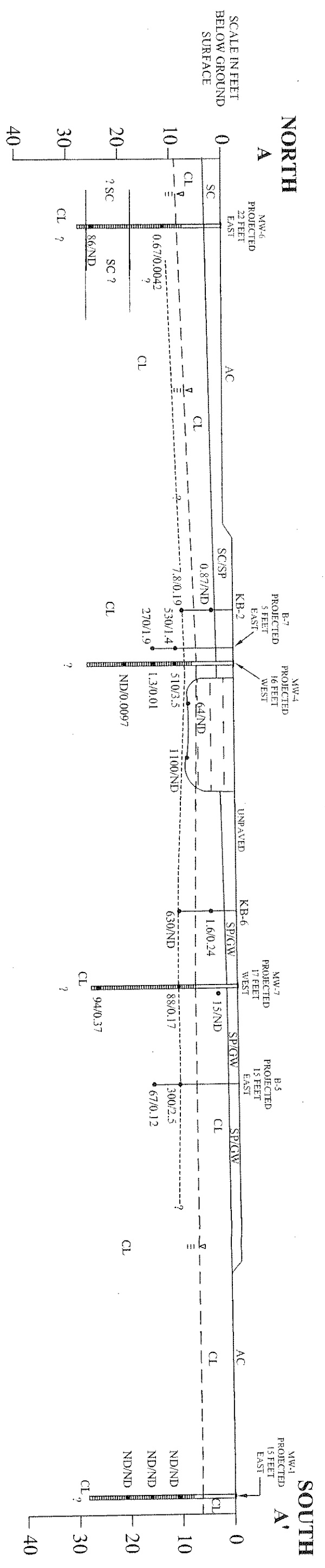
SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

**TRACE OF CROSS SECTIONS
A TO A' AND B TO B'**

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Scale:	Date:
AS SHOWN	2/06
Drawn by:	Approved by:
S. A.	S. B.
Project No.	Figure No.
044-03006	8

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- EXPLANATION**
- AC ASPHALTIC CONCRETE
 - CL CLAY WITH SAND
 - SC CLAYEY SAND
 - GW WELL-GRADED GRAVEL
 - KB-1 SOIL BORING LOCATION
 - KB-1 CONCENTRATIONS OF TPH-G/BENZENE IN SOIL SAMPLES
 - KB-1 INFERRED EXTENT OF PHCs IN SOIL
 - KB-1 APPROXIMATE DEPTH TO GROUNDWATER (DECEMBER 2005)
 - KB-1 APPROXIMATE LOCATION OF MONITORING WELL WITH SCREENED INTERVAL
 - KB-1 UST EXCAVATION

- NOTE:**
1. CONCENTRATIONS GIVEN IN MILLIGRAMS PER KILOGRAM (MG/KG)
 2. LOCATIONS AND DIMENSIONS ARE APPROXIMATE

GENERALIZED GEOLOGIC CROSS SECTIONS A-A' AND B-B'		Scale: AS SHOWN	Date: 2/06
PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA		Drawn by: S. A.	Approved by: A. H. M.
		Project No. 044-03006	Figure No. 9

Krazan
ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SPECIALISTS
Offices Serving the Western United States

Appendix A

TABLE 1
LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLE ANALYSES
STORAGE TANK REMOVAL
2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

ANALYTE	SAMPLE DESIGNATION					
	Pinole-002	Pinole-003	Pinole-004	Pinole-006	Pinole-007	Reporting Limit
Fuel Hydrocarbons						(mg/kg)
TPHg	850	240	83	850	3,400	1.0
TPHd	na	na	<250	na	na	1.0
Benzene	1.3	<0.50	0.23	2.0	3.7	0.005
Toluene	18.0	0.52	<0.10	19.0	120	0.005
Ethylbenzene	17.0	2.4	0.78	14.0	72.0	0.005
Total Xylenes	74.0	8.0	5.8	68.0	390	0.005
Fuel Oxygenates						(mg/kg)
Methyl t-butyl Ether	0.49	19.0	na	1.20	4.6	0.005
di-Isopropyl Ether	<0.050	<1.20	na	<0.12	<0.12	0.005
Ethyl t-Butyl Ether	<0.050	<1.20	na	<0.12	<0.12	0.005
t-Amyl Methyl Ether	<0.050	<1.20	na	<0.12	<0.12	0.005
t-Butanol	<0.20	<5.00	na	<0.50	<0.50	0.005
Oils and Grease						(mg/kg)
TOG	na	na	1,600	na	na	50
TPHmo	na	na	1,900	na	na	10
CAM 5 Metals (STLC)						(mg/kg)
Cadmium	na	na	<5.0	na	na	5.0
Chromium	na	na	15.0	na	na	5.0
Lead	na	na	9.7	na	na	1.0
Nickel	na	na	14.0	na	na	5.0
Zinc	na	na	34.0	na	na	5.0

TPHg = Total Petroleum Hydrocarbons in the range of gasoline
 TPHd = Total Petroleum Hydrocarbons in the range of diesel fuel
 TOG = Total Oils and Grease
 TPHmo = Total Petroleum Hydrocarbons as motor oil
 < = less than the reporting limit of the laboratory method
 na = not analyzed
 mg/kg = milligram/kilogram (parts per million)

TABLE 2
LABORATORY RESULTS OF GROUNDWATER GRAB SAMPLE ANALYSES
STORAGE TANK REMOVAL
2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

Sample Number	TPHg	B	T	E	X	MtBE	diPE	EtBE	tAME	tBA	DCA
Tank Excavation Pinole-005	550	1.1	25.0	12.0	52.0	28.0	na	na	na	na	na

Laboratory results of groundwater samples are reported in micrograms/liter (parts per billion)
 TPHg = Total Petroleum Hydrocarbons in the range of gasoline B = benzene T = toluene E = ethylbenzene X = total xylene isomers
 MtBE = Methyl t-butyl ether diPE = di-isopropyl ether EtBE = ethyl t-butyl ether tAME = t-amyl methyl ether tBA = t-butanol
 DCA = 1,2-dichloroethane
 < = Less than the laboratory method reporting limit
 na = not analyzed

TABLE 3
 LABORATORY ANALYTICAL RESULTS OF GROUNDWATER SAMPLE ANALYSES
 TEST WELLS
 2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

ANALYTE	SAMPLE DESIGNATION					Reporting Limit
	TW1	TW4				
Fuel Hydrocarbons						(ug/l)
TPHg	14,000	6,900				50
Benzene	840	680				0.50
Toluene	11	53				0.50
Ethylbenzene	980	2330				0.50
Total Xylenes	152	305				0.50
Fuel Oxygenates						(ug/l)
Methyl t-butyl Ether	140	150				0.50
di-Isopropyl Ether	<5.0	<5.0				0.50
Ethyl t-Butyl Ether	<5.0	<5.0				0.50
t-Amyl Methyl Ether	<5.0	<5.0				0.50
t-Butanol	110	<50				5.0
Volatile Organic Compounds						(ug/l)
Isopropyl benzene	36	19				0.50
n-Propylbenzene	120	86				0.50
1,3,5-Trimethylbenzene	94	60				0.50
tert-Butylbenzene	23	27				0.50
1,2,4-Trimethylbenzene	160	220				0.50
sec-Butylbenzene	14	7.0				0.50
p-Isopropyltoluene	5.8	<5.0				0.50
n-Butylbenzene	110	59				0.50
Naphthalene	18	86				0.50

TPHg = Total Petroleum Hydrocarbons in the range of gasoline

< = less than the reporting limit of the laboratory method ug/kg = micrograms/liter (parts per billion)

TABLE 4
 LABORATORY RESULTS OF SOIL SAMPLE ANALYSES
 SOIL BORINGS
 2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

Sample Number	TPHg	B	T	E	X	MtBE	diPE	EtBE	tAME	tBA	TPHd
Soil Borings											
S-11-B1	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	na	na	na	na	na
S-16-B1	<1.0	<0.005	<0.005	<0.005	<0.005	0.052	na	na	na	na	na
S-21-B1	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	na	na	na	na	na
S-11-B2	180	0.075	<0.025	2.6	1.6	<0.025	na	na	na	na	na
S-16-B2	<1.0	<0.005	<0.005	<0.005	<0.005	0.0077	na	na	na	na	na
S-21-B2	<1.0	<0.005	<0.005	<0.005	<0.005	0.094	na	na	na	na	na
S-11-B3	18	<0.005	<0.005	0.26	0.15	<0.005	na	na	na	na	na
S-16-B3	<1.0	<0.005	<0.005	<0.005	<0.005	0.76	na	na	na	na	na
S-21-B3	<1.0	<0.005	<0.005	<0.005	<0.010	0.011	na	na	na	na	na
S-11-B4	510	3.5	3.3	14	38	<0.050	na	na	na	na	na
S-16-B4	1.3	0.010	<0.005	0.0077	0.019	0.049	na	na	na	na	na
S-21-B4	<1.0	0.0097	<0.005	<0.005	<0.005	<0.005	na	na	na	na	na
S-11-B5	300	2.5	1.1	5.5	20	<0.050	na	na	na	na	na
S-16-B5	67	0.12	0.096	1.2	1.6	<0.025	na	na	na	na	na
S-11-B6	85	0.50	0.035	1.5	3.9	<0.025	na	na	na	na	na
S-16-B6	8.6	0.50	0.15	0.35	0.75	<0.005	na	na	na	na	na
S-11-B7	530	1.4	11	12	49	0.15	na	na	na	na	na
S-16-B7	270	1.9	6.6	5.9	24	3.3	na	na	na	na	na

Laboratory results of soil samples are reported in milligrams/kilogram (parts per million)
 TPHg = Total Petroleum Hydrocarbons in the range of gasoline
 B = benzene T = toluene E = ethylbenzene X = total xylene isomers
 MtBE = Methyl t-butyl ether diPE = di-isopropyl ether EtBE = ethyl t-butyl ether tAME = t-amyl methyl ether
 tBA = t-butanol
 TPHd = Total Petroleum Hydrocarbons in the range of diesel fuel
 < = Less than the laboratory method reporting limit
 na = not analyzed

TABLE 5
 LABORATORY RESULTS OF GROUNDWATER GRAB SAMPLE ANALYSES
 SOIL BORINGS
 2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

Sample Number	TPHg	B	T	E	X	MtBE	diPE	EtBE	tAME	tBA	DCA
Soil Borings											
W-19-B5	17,000	520	660	640	2,000	260	<5.0	<5.0	<5.0	<50	na
W-19-B6	1,200	65	7.9	44	85	41	<0.50	<0.50	<0.50	14	na
W-19-B7	22,000	3,300	2,100	850	2,500	29,000	<50	<50	<50	3,300	na

Laboratory results of groundwater samples are reported in micrograms/liter (parts per billion)
 TPHg = Total Petroleum Hydrocarbons in the range of gasoline B = benzene T = toluene E = ethylbenzene X = total xylene isomers
 MtBE = Methyl t-butyl ether diPE = di-isopropyl ether EtBE = ethyl t-butyl ether tAME = t-amyl methyl ether tBA = t-butanol
 DCA = 1,2-dichloroethane < = Less than the laboratory method reporting limit na = not analyzed

TABLE 6
GROUNDWATER MONITORING DATA
MONITOR WELLS
2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

Well Number and Date	Depth to Groundwater (feet)	Subjective Evidence	T (F)	K	pH
Monitor Well MW1 01/27/03	7.42	None	74	2,200	6.4
Monitor Well MW2 01/27/03	9.94	Slight	73	2,000	6.1
Monitor Well MW3 01/27/03	10.27	Strong	74	1,900	5.2
Monitor Well MW4 01/27/03	8.95	Slight	76	1,600	6.5

T = Temperature in degrees Fahrenheit
K = Conductivity in micromhos
pH = Hydrogen ion concentration Depth to groundwater measured in feet below top of casing

TABLE 7
LABORATORY RESULTS OF GROUNDWATER SAMPLE ANALYSES
MONITOR WELLS
2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

Sample Number	TPHg	B	T	E	X	MtBE	diPE	EtBE	tAME	tBA	TPHd
MW1 01/27/03	<50	<0.50	<0.50	<0.50	<0.50	93	<0.50	<0.50	<0.50	<5.0	<50
MW2 01/27/03	180	3.9	<0.50	14	1.8	70	<0.50	<0.50	<0.50	<5.0	<50
MW3 01/27/03	<1,000	<10	<10	<10	<10	3,900	<10	<10	<10	<100	<50
MW4 01/27/03	1,000	190	6.0	39	38	1,400	<2.5	<2.5	<2.5	78	170
TW1 01/27/03	1,000	46	0.63	56	15	0.59	<0.50	<0.50	<0.50	39	5,800
TW2 01/27/03	17,000	230	22	130	950	<2.5	<2.5	<2.5	<2.5	<25	<7,000

Laboratory results of groundwater samples reported in micrograms/liter (parts per billion)
TPHg = Total Petroleum Hydrocarbons in the range of gasoline B = benzene T = toluene E = ethylbenzene X = total xylene isomers
MtBE = Methyl t-butyl ether diPE = di-isopropyl ether EtBE = ethyl t-butyl ether tAME = t-amyl methyl ether tBA = t-butanol
TPHd = Total Petroleum Hydrocarbons in the range of diesel fuel
< = Less than the laboratory method reporting limit

TABLE 8
GROUNDWATER ELEVATION DATA
MONITOR WELLS
2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

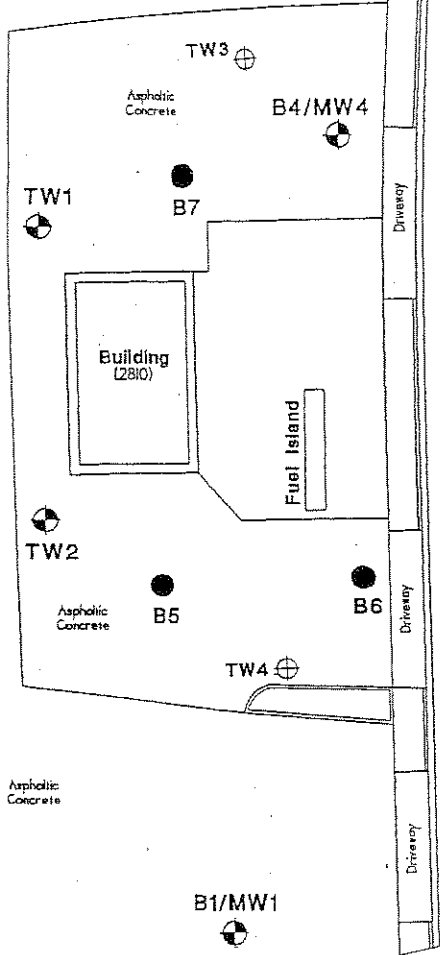
Well Number and Date	Elevation Top of casing (feet above MSL)	Depth to Water (feet)	Groundwater Elevation (feet below MSL)	Groundwater Gradient (feet/feet)
January 27, 2003				
MW1	50.00	7.42	42.58	N 86°W 0.0537 (5.37 ft/100 ft)
MW2	48.49	9.94	38.55	
MW3	47.24	10.27	36.97	
MW4	52.05	8.95	43.10	
MSL = Mean sea level Elevations based on Contra Costa County Benchmark No. 3133 (elevation = +53.38 feet MSL)				

B3/MW3
⊕

Asphaltic
Concrete

Asphaltic
Concrete

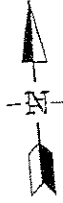
B2/MW2
⊕



Pinole Valley Road

EXPLANATION

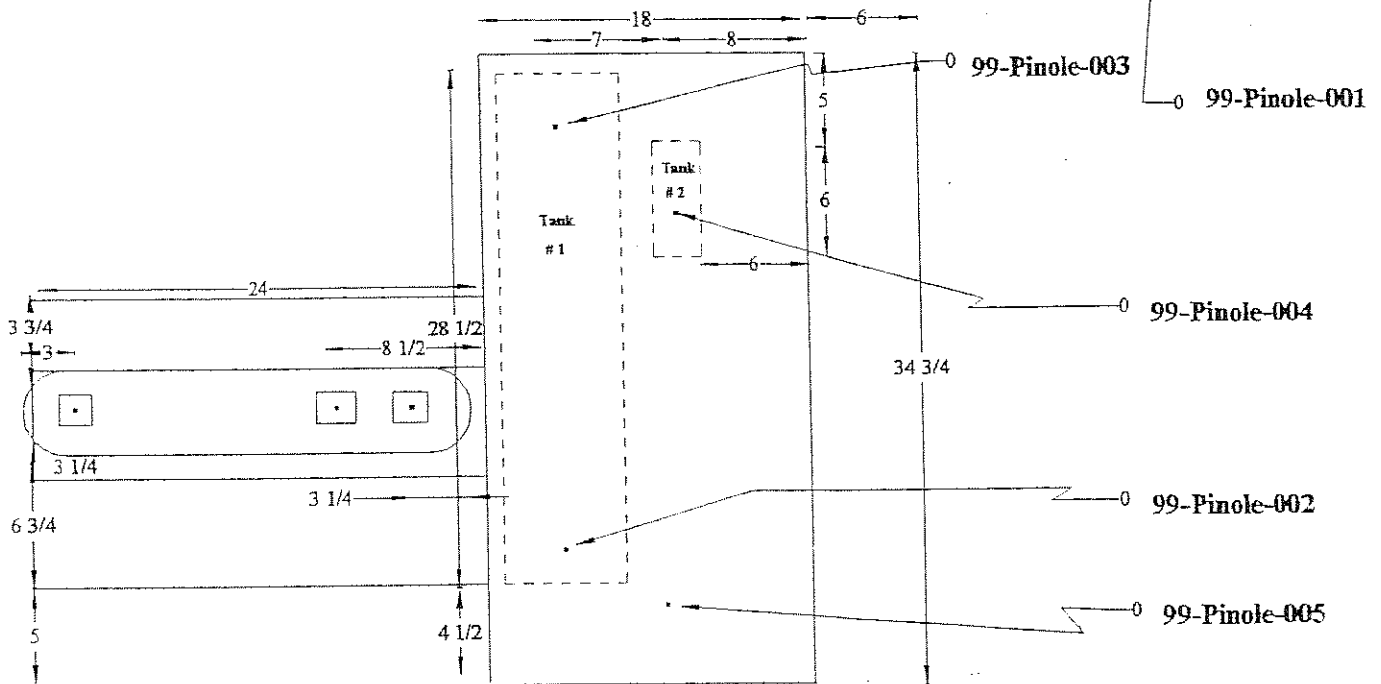
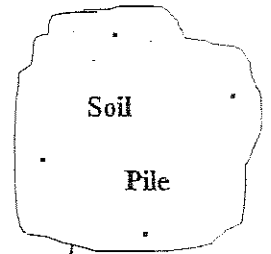
- ⊕ Monitor Well
- Soil Boring
- ⊕ Abandoned Test Well



Scale in Feet
1 inch = 40 feet

DRAFTED BY: JAC	CHECKED BY: JAC	PROJECT NO. 090-053	SCALE: 1:480	GRAYLAND ENVIRONMENTAL
DWG. DATE: 10-11-99	REV. DATE: 03-07-03	PINOLE VALLEY BEACON	FIGURE 2	
MAP SOURCE: Tom Morrow Survey, Inc.		2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	GENERALIZED SITE PLAN	2731 Quail Street Davis, CA 95616

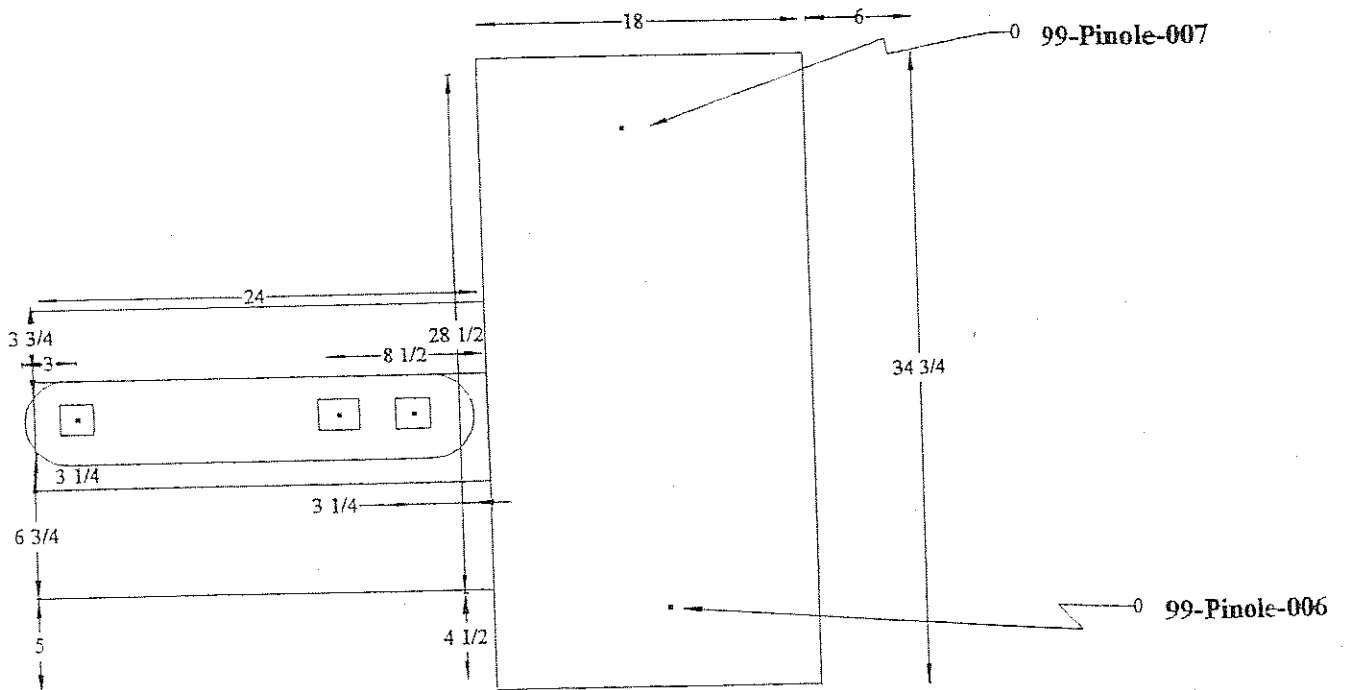
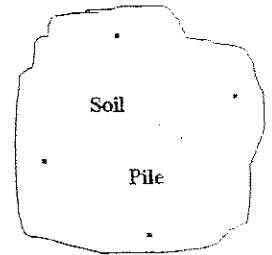
Pinole Valley Beacon
2810 Pinole Valley Road



Pinole Valley Road

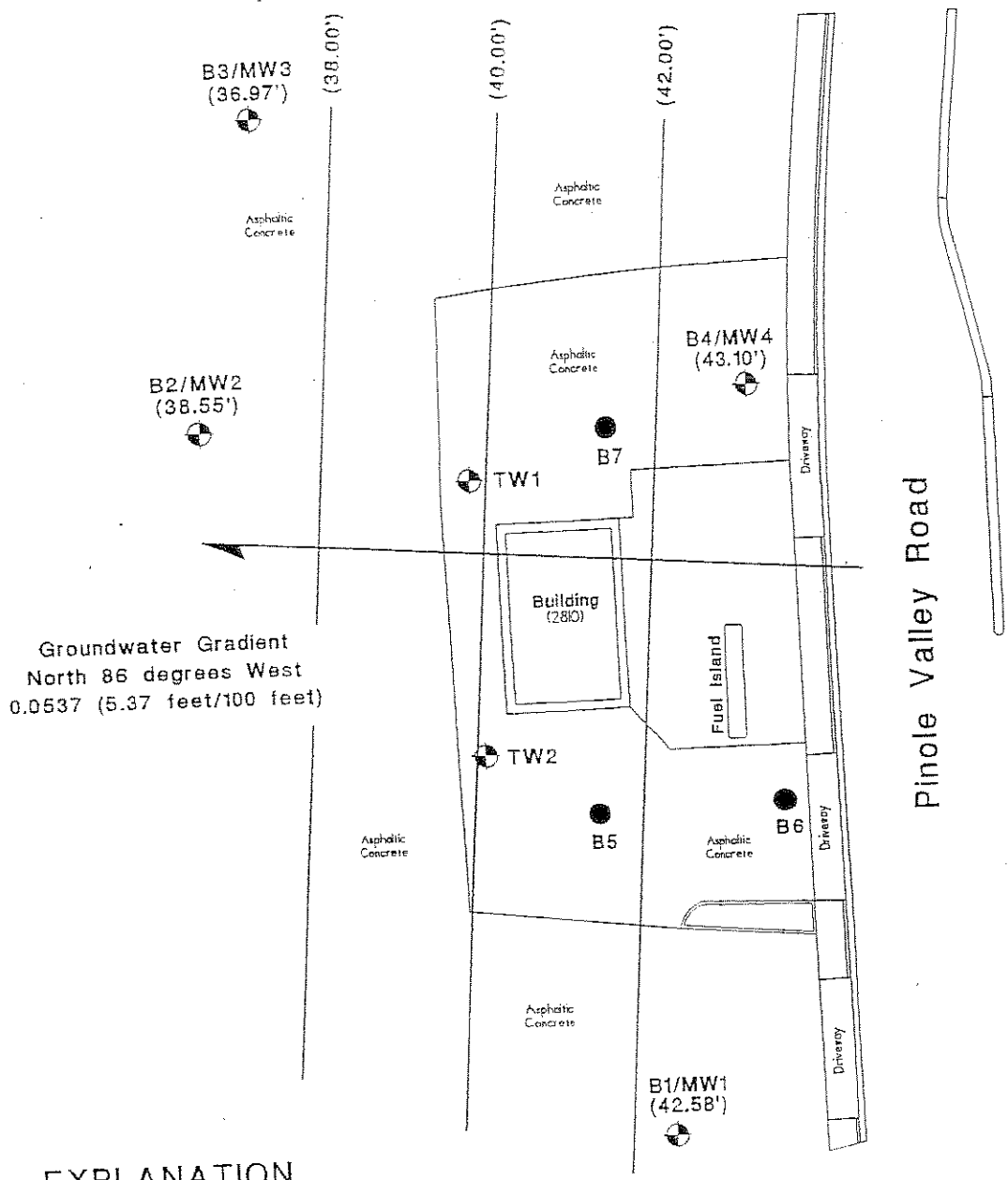
DRAFTED BY: LRB	CHECKED BY: LRB	PROJECT NO. 090-053	SCALE: 1:126	GRAYLAND ENVIRONMENTAL 2731 Quail Street Davis, CA 95616
DWG. DATE: 01-14-99	REV. DATE:	PINOLE VALLEY BEACON	FIGURE 3	
MAP SOURCE: Site Visit Sketch		2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	TANK REMOVAL SAMPLE LOCATION MAP	

**Pinole Valley Beacon
2810 Pinole Valley Road**



Pinole Valley Road

DRAFTED BY: LRB	CHECKED BY: LRB	PROJECT NO. 090-053	SCALE: 1:126	GRAYLAND ENVIRONMENTAL 2731 Quail Street Davis, CA 95616
DWG. DATE: 01-22-99	REV. DATE:	PINOLE VALLEY BEACON	FIGURE 4	
MAP SOURCE: Site Visit Sketch		2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	OVEREXCAVATION SAMPLE LOCATION MAP	

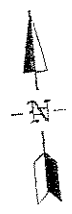
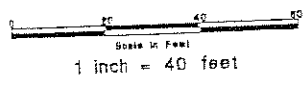


Groundwater Gradient
 North 86 degrees West
 0.0537 (5.37 feet/100 feet)

EXPLANATION

- Monitor Well
- Soil Boring

(40.00') = Groundwater Elevation
 in feet above mean sea level



DRAFTED BY: JAC	CHECKED BY: JAC	PROJECT NO. 090-053	SCALE: 1:480	GRAYLAND ENVIRONMENTAL
DWG. DATE: 10-11-99	REV. DATE: 03-07-03	PINOLE VALLEY BEACON	FIGURE 5 (01-27-03)	
MAP SOURCE: Tom Morrow Survey, Inc.		2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	GROUNDWATER POTENTIOMETRIC SURFACE MAP	

Drilling Subcontractor: Woodward Drilling

Drilling Method: 8-Inch Hollow Stem Auger

Sampling Method: 2-Inch California Modified

Date Drilled: 06/12/02

Logged By: Jeffrey A. Clayton

Log of Boring: **B1/
MW1**

Project No: 090-052

Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA	
		SAMPLE PID (ppt)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS
	Backfilled with Neat Cement						
	Bentonite Chip Plug	3.6	27	5-6.5	■		
10		3.1	24	10-11.5	■	CL	
	2-inch PVC factory-slotted at 0.020 inch	4.3	16	15-16.5	■		
20	Monterey #3 Sand	6.1	10	20-21.5	■		
	Threaded End Cap	6.2	15	25-26.5	■	CL	
30							
40							
50							
60							

LITHOLOGIC DESCRIPTION

3-inches Asphaltic Concrete + 6-inches Aggregate Base

Dark Grey, CLAY, damp, very stiff, plastic, no odor

Dark Grey, CLAY with trace pebble inclusions, damp, very stiff, very plastic, no odor

Brownish medium Grey, CLAY with trace Silt, moist, stiff, plastic, no odor

Medium Brown, fine Sandy CLAY with trace fine gravel and few rust-colored mottles, wet, medium stiff, no odor

Greyish medium Brown, CLAY with trace Silt, moist, stiff, no odor

Boring Completed at Approximately 28 feet Below Ground Surface
Groundwater Encountered at Approximately 19 feet

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Drilling Subcontractor: Woodward Drilling
 Drilling Method: 8-Inch Hollow Stem Auger
 Sampling Method: 2-Inch California Modified
 Date Drilled: 06/12/02
 Logged By: Jeffrey A. Clayton

Log of Boring: **B2/
MW2**
 Project No: 090-052
 Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA	
		SAMPLE PID (ppm)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS
	Backfilled with Neat Cement						
	Bentonite Chip Plug	10.6	33	5-6.5	■		
10	2-inch PVC factory-slotted at 0.020 inch	3057	20	10-11.5	■	CL	
	Monterey #3 Sand	4112	18	15-16.5	■		
20	Threaded End Cap	-	11	20-21.5	■		
		-	16	25-26.5	■	CL	
30							
40							
50							
60							

LITHOLOGIC DESCRIPTION

3-inches Asphaltic Concrete + 9-inches Aggregate Base
 Dark Grey, CLAY, damp, very stiff, plastic, no odor
 Bluish dark Grey, CLAY, moist, stiff, moderate odor
 Bluish medium Grey, CLAY with trace Silt, moist, stiff, plastic, slight odor
 Slightly greyish medium Brown, CLAY with trace Silt, moist, medium stiff, no odor
 Slightly greyish medium Brown, Silty CLAY, moist, stiff, no odor

Boring Completed at Approximately 28 feet Below Ground Surface
 Groundwater Encountered at Approximately 19 feet

PINOLE VALLEY BEACON
 2810 PINOLE VALLEY ROAD
 PINOLE, CALIFORNIA

Drilling Subcontractor: Woodward Drilling
 Drilling Method: 8-inch Hollow Stem Auger
 Sampling Method: 2-inch California Modified
 Date Drilled: 06/12/02
 Logged By: Jeffrey A. Clayton

Log of Boring: **B3/
MW3**
 Project No: 090-052
 Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA		LITHOLOGIC DESCRIPTION
		SAMPLE PID (ppm)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS	
	Backfilled with Neat Cement							3-inches Asphaltic Concrete + 6-inches Aggregate Base
	Bentonite Chip Plug	1542	19	5-6.5	■			Dark Grey to Black, CLAY, damp, stiff, no odor
10		1137	22	10-11.5	■	CL		Dark Grey to Black, CLAY, damp to moist, very stiff, slight odor
	2-inch PVC factory-slotted at 0.020 inch	330	14	15-16.5	■			Brownish medium Grey, CLAY with trace Silt, moist, stiff, no odor
20	Monterey #3 Sand	661	13	20-21.5	■	CL		Bluish light to medium Grey, CLAY with little fine Sand, moist to wet, stiff, unknown odor
	Threaded End Cap	156	11	25-26.5	■	CL		Medium Grey, CLAY with trace Silt, moist, medium stiff, unknown odor
30								Boring Completed at Approximately 28 feet Below Ground Surface Groundwater Encountered at Approximately 19 feet
40								
50								
60								

PINOLE VALLEY BEACON
 2810 PINOLE VALLEY ROAD
 PINOLE, CALIFORNIA

Drilling Subcontractor: Woodward Drilling

Drilling Method: 8-inch Hollow Stem Auger

Sampling Method: 2-inch California Modified

Date Drilled: 06/12/02

Logged By: Jeffrey A. Clayton

Log of Boring: **B4/
MW4**

Project No: 090-052

Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA		LITHOLOGIC DESCRIPTION
		SAMPLE PID (ppm)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS	
	Backfilled with Neat Cement							2-inches Asphaltic Concrete + 9-inches Aggregate Base
	Bentonite Chip Plug	48.1	18	5-6.5	■			Black, CLAY, damp, stiff, no odor
10		1070	18	10-11.5	■	CL		Dark Grey, CLAY, damp, stiff, slight odor
	2-inch PVC factory-slotted at 0.020 inch	30.5	22	15-16.5	■			Light Brown and light Grey, CLAY with trace Silt, damp to moist, very stiff, no odor
20	Monterey #3 Sand	36.0	20	20-21.5	■	U ₁		Light Brown, Silty CLAY, damp to moist, stiff, no odor
	Threaded End Cap	44.3	27	25-26.5	■	CL		Light Brown, Silty CLAY, damp, very stiff, no odor
30								Boring Completed at Approximately 28 feet Below Ground Surface Groundwater Encountered at Approximately 19 feet
40								
50								
60								

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Drilling Subcontractor: Woodward Drilling

Drilling Method: 8-Inch Hollow Stem Auger

Sampling Method: 2-Inch California Modified

Date Drilled: 06/13/02

Logged By: Jeffrey A. Clayton

Log of Boring:

B5

Project No: 090-052

Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA	
		SAMPLE FID (ppm)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS
	Backfilled with Heat Cement	53.6	22	5-6.5		CL	
10		2017	28	10-11.5			
20		358	17	15-16.5			
30							
40							
50							
60							

LITHOLOGIC DESCRIPTION

3-inches Asphaltic Concrete + 6-inches Aggregate Base

Black, CLAY, damp to moist, very stiff, slight odor

Dark Grey to Black, CLAY, damp to moist, very stiff, moderate odor

Medium Grey, CLAY with trace Silt, moist, stiff, slight odor

Boring Completed at Approximately 22 feet Below Ground Surface
Groundwater Encountered at Approximately 21 feet

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Drilling Subcontractor: Woodward Drilling
 Drilling Method: 8-Inch Hollow Stem Auger
 Sampling Method: 2-Inch California Modified
 Date Drilled: 06/13/02
 Logged By: Jeffrey A. Clayton

Log of Boring: **B6**
 Project No: 090-052
 Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA	
		SAMPLE PID (ppm)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS
0-3	Backfilled with Neat Cement						3-inches Asphaltic Concrete + 6-inches Aggregate Base
3-5.5		192	20	5-5.5	■	CL	Dark Grey to Black, CLAY, damp, stiff, slight odor
5.5-11.5		667	16	10-11.5	■		Dark Grey, CLAY, damp, stiff, slight odor
11.5-16.5		188	18	15-16.5	■	CL	Brownish medium to dark Grey, CLAY with trace Silt, damp to moist, stiff, slight odor
16.5-20					▽		Boring Completed at Approximately 20 feet Below Ground Surface Groundwater Encountered at Approximately 19 feet
20-30							
30-40							
40-50							
50-60							

LITHOLOGIC DESCRIPTION

PINOLE VALLEY BEACON
 2810 PINOLE VALLEY ROAD
 PINOLE, CALIFORNIA

Drilling Subcontractor: Woodward Drilling

Drilling Method: 8-Inch Hollow Stem Auger

Sampling Method: 2-Inch California Modified

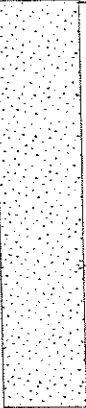






Date Drilled: 06/13/02

Logged By: Jeffrey A. Clayton

Log of Boring:

B7

Project No: 090-052
Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA	
		SAMPLE PID (ppm)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS
							
		676	18	5-6.5		CL	
10		2800	22	10-11.5			
		10006	22	15-16.5		CL	
20		10000	25	20-21.5			
30							
40							
50							
60							

LITHOLOGIC DESCRIPTION

3-inches Asphaltic Concrete + 6-inches Aggregate Base

Black, CLAY with trace Silt, damp, stiff, slight odor

Dark Grey, CLAY, damp, very stiff, slight odor

Dark Grey, CLAY with trace Silt, damp, very stiff, slight odor

Light to medium Grey, CLAY with trace Silt, moist, very stiff, no odor

Boring Completed at Approximately 22 feet Below Ground Surface
Groundwater Encountered at Approximately 20 feet

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

GRAYLAND ENVIRONMENTAL

Appendix B

DATE DRILLED:
December 19, 2005

TYPE OF BORING:
Monitoring Well Installation

DRILLING EQUIPMENT:
8-inch Hollow Stem Auger

ELEVATION & DATUM:

LOGGED BY:
Steve Bahr


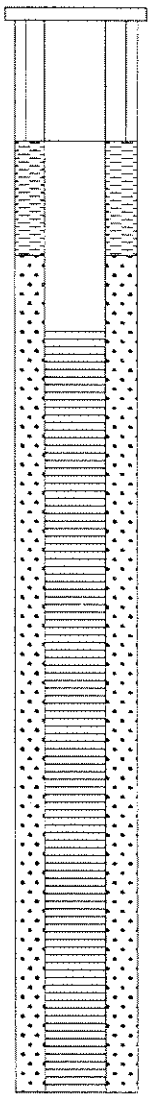

SAMPLING METHOD:
Continuous Core

DEPTH TO WATER:

FIRST:

COMPL.:

24 HRS:

Elevation Depth (Ft)	Odor	PID Reading	Undisturbed Sample	LEL Blow Count	Graphic Log	Soil Classification	SOIL DESCRIPTION	WELL CONSTRUCTION
0	NO					CL	Asphalt Concrete. CLAY (CL); black, stiff to very stiff. Hand auger to 5 feet.	
5						Clay - black, stiff.		
10	NO		XX				Increase to very stiff.	
15	NO		XX				Groundwater entering borehole at approximately 14 feet.	
20						CL	Clay - greenish-gray, wet. Cuttings coming up auger in continuous ribbon.	
25								
30							BOTTOM OF BORING	
35								

*R = Refusal, greater than 100 blows/foot

DATE DRILLED: December 19, 2005	TYPE OF BORING: Monitoring Well Installation			
DRILLING EQUIPMENT: 8-inch Hollow Stem Auger	ELEVATION & DATUM:	LOGGED BY: Steve Bahr		
SAMPLING METHOD: Continuous Core	DEPTH TO WATER:	FIRST:	COMPL.:	24 HRS:

Elevation Depth (Ft)	Odor	PID Reading	Undisturbed Sample	LEL Blow Count	Graphic Log	Soil Classification	SOIL DESCRIPTION	WELL CONSTRUCTION
0						SC	Asphalt Concrete. Clayey SAND (SM); orangish-brown, sand is fine to coarse-grained.	
5						CL	CLAY (CL); black, stiff. Very stiff, clay, homogeneous.	
10	YES		XX			CL	Soil discoloration observed.	
15	YES		XX			CL	CLAY (CL); greenish-gray. Initial groundwater entering borehole at approximately 15 feet.	
20	STRG					SC	SAND with clay (SC); greenish-gray, sand is very fine-grained. Increase in clay.	
25	SLT		XX			SC	Clayey SAND, sand is very fine grained.	
30	NO					CL	CLAY (CL); dark gray, very stiff.	
35							BOTTOM OF BORING	

*R = Refusal, greater than 100 blows/foot

DATE DRILLED: December 20, 2005		TYPE OF BORING: Monitoring Well Installation	
DRILLING EQUIPMENT: 8-inch Hollow Stem Auger		ELEVATION & DATUM:	LOGGED BY: Mark Edwards
SAMPLING METHOD: Continuous Core		DEPTH TO WATER:	FIRST:
		COMPL.:	24 HRS:

Elevation Depth (Ft)	Odor	PID Reading	Undisturbed Sample	LEL Blow Count	Graphic Log	Soil Classification	SOIL DESCRIPTION	WELL CONSTRUCTION
0						SP	SAND (SP); fine-grained, wet.	
						GW	GRAVEL (GW); pea-gravel, wet, collapsed into hole.	
						CL	CLAY (CL); brown to black, hard, high plasticity.	
5								
10	YES		XX				Soil discoloration observed.	
15							Initial groundwater entering borehole at approximately 15 feet.	
20								
25	YES		XX					
30	YES		XX					
35								
BOTTOM OF BORING								

Appendix C



KRAZAN & ASSOCIATES, INC.
 215 WEST DAKOTA AVENUE
 CLOVIS, CA 93612
 (559) 348-2200 VOICE
 (559) 348-2201 FAX

Comments:

Pinole Reinstated to Unit F

Project No.: 04403006
 Sampler Name (Printed): Michael L MARY
 Project Name (optional): Pinole Beach
 Report Attention: A. Morrill

Lab Sample ID #	Krazan Sample No.	Date Sampled	Time Sampled	Sample Matrix	Sample Type	Sample Preserved? (Yes/No)	Number of Containers
01	MW-1	12-23-05	1315	W	W	Y	3
02	MW-2		1345				3
03	MW-3		1415				3
04	MW-4		1445				3
05	MW-5		1615				3
06	MW-6		1645				3
07	MW-7		1715				3
08	TW-1		1515				3
09	TW-2		1545				3

REQUESTED ANALYSES	Company Name	Time	Date	Printed Name	Signature
TPH-Diesel	Krazan	2:00 am pm	12-23-05	Michael L MARY	<i>[Signature]</i>
TRPH by EPA 418.1	Krazan	2:00 am pm	12-23-05	MARK EDWARDS	<i>[Signature]</i>
EPA 525.2 (Pentachlorophenol/Creosote)	Krazan	2:00 am pm	12-23-05	MARK EDWARDS	<i>[Signature]</i>
EPA 8280 (Dioxins/Furans)	Krazan	2:00 am pm	12-23-05	NICK FORSYTH	<i>[Signature]</i>
BTEX/TPH-Gasoline/MTBE	Krazan	2:00 am pm	12-23-05		

P.O. Number: _____
 Ice Chest No.: _____
 Laboratory: _____
 Lab Quote No.: _____
 Method of Shipment/Delivery: _____
 Remarks: _____

Total Number of Containers Submitted to Laboratory: 27
 Turn Around Time (Circle Choice):
 24 Hrs. 48 Hrs.
 5 Days 10 Days
 AS Contracted
 RBAS CICS VSD 02-01-01



16 January 2006

Art Morrill
Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis, CA 93612

RE: Pinole Beacon

Work Order No.: 0512582

Attached are the results of the analyses for samples received by the laboratory on 12/28/05 09:00.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report.
If you require any additional retaining time, please advise us.

Sincerely,

Richard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS),
Environmental Laboratory Accreditation Program (ELAP) No. 2320.



Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: **Pinole Beacon**
Project Number: 044-03006
Project Manager: Art Morrill

Reported:
01/16/06 13:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	0512582-01	Liquid	12/23/05 13:15	12/28/05 09:00
MW-2	0512582-02	Liquid	12/23/05 13:45	12/28/05 09:00
MW-3	0512582-03	Liquid	12/23/05 14:15	12/28/05 09:00
MW-4	0512582-04	Liquid	12/23/05 14:45	12/28/05 09:00
MW-5	0512582-05	Liquid	12/23/05 16:15	12/28/05 09:00
MW-6	0512582-06	Liquid	12/23/05 16:45	12/28/05 09:00
MW-7	0512582-07	Liquid	12/23/05 17:15	12/28/05 09:00
TW-1	0512582-08	Liquid	12/23/05 15:15	12/28/05 09:00
TW-2	0512582-09	Liquid	12/23/05 15:45	12/28/05 09:00

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.
PRESERVATION: Samples requiring preservation were verified prior to sample preparation and analysis.
HOLDING TIMES: All holding times were met, unless otherwise noted in the report with data qualifiers.
QA/QC CRITERIA: All quality objective criteria were met, except as noted in the report with data qualifiers.

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.



Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: Pinole Beacon
Project Number: 044-03006
Project Manager: Art Morrill

Reported:
01/16/06 13:34

BTEX/MTBE/TVPH-Gasoline Range Hydrocarbons (C4-C12) by EPA Method 8021B and 8015B in series

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (0512582-01) Liquid Sampled: 12/23/05 13:15 Received: 12/28/05 09:00									
Benzene	0.72	0.50	µg/L	1	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	5.3	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		72.5 %	70-125	"	"	"	"	"	
MW-2 (0512582-02) Liquid Sampled: 12/23/05 13:45 Received: 12/28/05 09:00									
Benzene	0.54	0.50	µg/L	1	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	0.68	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		72.5 %	70-125	"	"	"	"	"	
MW-3 (0512582-03) Liquid Sampled: 12/23/05 14:15 Received: 12/28/05 09:00									
Benzene	ND	0.50	µg/L	1	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	420	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		70.0 %	70-125	"	"	"	"	"	

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.



Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: Pinole Beacon
Project Number: 044-03006
Project Manager: Art Morrill

Reported:
01/16/06 13:34

BTEX/MTBE/TVPH-Gasoline Range Hydrocarbons (C4-C12) by EPA Method 8021B and 8015B in series

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (0512582-04) Liquid Sampled: 12/23/05 14:45 Received: 12/28/05 09:00									
Benzene	1.6	0.50	µg/L	1	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	4.7	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	440	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	120	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		85.5 %	70-125		"	"	"	"	
MW-5 (0512582-05) Liquid Sampled: 12/23/05 16:15 Received: 12/28/05 09:00									
Benzene	ND	0.50	µg/L	1	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	12	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		71.5 %	70-125		"	"	"	"	
MW-6 (0512582-06) Liquid Sampled: 12/23/05 16:45 Received: 12/28/05 09:00									
Benzene	170	0.50	µg/L	1	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	32	0.50	"	"	"	"	"	"	
Ethylbenzene	150	0.50	"	"	"	"	"	"	
Xylenes (total)	140	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	8300	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		100 %	70-125		"	"	"	"	

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Krazan & Associates, Inc.
 215 West Dakota Avenue
 Clovis CA, 93612

Project: Pinole Beacon
 Project Number: 044-03006
 Project Manager: Art Morrill

Reported:
 01/16/06 13:34

BTEX/MTBE/TVPH-Gasoline Range Hydrocarbons (C4-C12) by EPA Method 8021B and 8015B in series

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (0512582-07) Liquid Sampled: 12/23/05 17:15 Received: 12/28/05 09:00									
Benzene	1200	25	µg/L	50	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	140	25	"	"	"	"	"	"	
Ethylbenzene	640	25	"	"	"	"	"	"	
Xylenes (total)	2700	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	250	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	29000	2500	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		85.5 %	70-125	"	"	"	"	"	
TW-1 (0512582-08) Liquid Sampled: 12/23/05 15:15 Received: 12/28/05 09:00									
Benzene	ND	0.50	µg/L	1	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		74.5 %	70-125	"	"	"	"	"	
TW-2 (0512582-09) Liquid Sampled: 12/23/05 15:45 Received: 12/28/05 09:00									
Benzene	6.1	0.50	µg/L	1	B6A0502	01/05/06	01/05/06	EPA 8021B/8015B	
Toluene	2.1	0.50	"	"	"	"	"	"	
Ethylbenzene	1.3	0.50	"	"	"	"	"	"	
Xylenes (total)	32	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	3500	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		82.5 %	70-125	"	"	"	"	"	

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Krazan & Associates, Inc.
 215 West Dakota Avenue
 Clovis CA, 93612

Project: **Pinole Beacon**
 Project Number: **044-03006**
 Project Manager: **Art Morrill**

Reported:
 01/16/06 13:34

Fuel Oxygenates by EPA 8260B
Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (0512582-01) Liquid Sampled: 12/23/05 13:15 Received: 12/28/05 09:00									
Methyl tert-butyl ether	6.8	1.0	µg/L	1	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		114 %		86-118	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		88-110	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.2 %		86-115	"	"	"	"	
MW-2 (0512582-02) Liquid Sampled: 12/23/05 13:45 Received: 12/28/05 09:00									
Methyl tert-butyl ether	2.0	1.0	µg/L	1	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		117 %		86-118	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		88-110	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.8 %		86-115	"	"	"	"	
MW-3 (0512582-03) Liquid Sampled: 12/23/05 14:15 Received: 12/28/05 09:00									
Methyl tert-butyl ether	560	50	µg/L	50	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		116 %		86-118	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		88-110	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.6 %		86-115	"	"	"	"	

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Krazan & Associates, Inc.
 215 West Dakota Avenue
 Clovis CA, 93612

Project: Pinole Beacon
 Project Number: 044-03006
 Project Manager: Art Morrill

Reported:
 01/16/06 13:34

Fuel Oxygenates by EPA 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW-4 (0512582-04) Liquid Sampled: 12/23/05 14:45 Received: 12/28/05 09:00

Methyl tert-butyl ether	640	10	µg/L	10	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		110 %		86-118	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		88-110	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %		86-115	"	"	"	"	

MW-5 (0512582-05) Liquid Sampled: 12/23/05 16:15 Received: 12/28/05 09:00

Methyl tert-butyl ether	16	1.0	µg/L	1	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		118 %		86-118	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		88-110	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.8 %		86-115	"	"	"	"	

MW-6 (0512582-06) Liquid Sampled: 12/23/05 16:45 Received: 12/28/05 09:00

Methyl tert-butyl ether	ND	1.0	µg/L	1	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		111 %		86-118	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		88-110	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.4 %		86-115	"	"	"	"	

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Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: **Pinole Beacon**
Project Number: 044-03006
Project Manager: Art Morrill

Reported:
01/16/06 13:34

Fuel Oxygenates by EPA 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (0512582-07) Liquid Sampled: 12/23/05 17:15 Received: 12/28/05 09:00									
Methyl tert-butyl ether	1.3	1.0	µg/L	1	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	58	1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		111 %	86-118	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	88-110	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.2 %	86-115	"	"	"	"	"	
TW-1 (0512582-08) Liquid Sampled: 12/23/05 15:15 Received: 12/28/05 09:00									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	12/30/05	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1.0	"	"	"	"	12/30/05	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		114 %	86-118	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %	88-110	"	"	"	12/30/05	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	86-115	"	"	"	"	"	
TW-2 (0512582-09) Liquid Sampled: 12/23/05 15:45 Received: 12/28/05 09:00									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B5L3015	12/29/05	12/30/05	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		114 %	86-118	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	88-110	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.2 %	86-115	"	"	"	"	"	

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Krazan & Associates, Inc.
 215 West Dakota Avenue
 Clovis CA, 93612

Project: Pinole Beacon
 Project Number: 044-03006
 Project Manager: Art Morrill

Reported:
 01/16/06 13:34

BTEX/MTBE/TVPH-Gasoline Range Hydrocarbons (C4-C12) by EPA Method 8021B and 8015B in series - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6A0502 - EPA 5030B P & T

Blank (B6A0502-BLK1)

Prepared & Analyzed: 01/05/06

Benzene	ND	0.50	µg/L							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	5.0	"							
Gasoline Range Hydrocarbons (C4-C12)	ND	50	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	14.1		"	20.0		70.5	70-125			

LCS (B6A0502-BS1)

Prepared & Analyzed: 01/05/06

Benzene	32.1	0.50	µg/L	40.0		80.2	80-120			
Toluene	33.9	0.50	"	40.0		84.8	80-120			
Ethylbenzene	34.4	0.50	"	40.0		86.0	80-120			
Gasoline Range Hydrocarbons (C4-C12)	696	50	"	600		116	80-120			

Matrix Spike (B6A0502-MS1)

Source: 0512588-11

Prepared & Analyzed: 01/05/06

Benzene	26.3	0.50	µg/L	40.0	ND	65.8	39-150			
Toluene	26.8	0.50	"	40.0	ND	67.0	46-148			
Ethylbenzene	26.8	0.50	"	40.0	ND	67.0	32-160			
Gasoline Range Hydrocarbons (C4-C12)	480	50	"	600	ND	80.0	50-150			

Matrix Spike Dup (B6A0502-MSD1)

Source: 0512588-11

Prepared & Analyzed: 01/05/06

Benzene	31.0	0.50	µg/L	40.0	ND	77.5	39-150	16.4	30	
Toluene	31.6	0.50	"	40.0	ND	79.0	46-148	16.4	30	
Ethylbenzene	32.0	0.50	"	40.0	ND	80.0	32-160	17.7	30	
Gasoline Range Hydrocarbons (C4-C12)	548	50	"	600	ND	91.3	50-150	13.2	30	

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Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: **Pinole Beacon**
Project Number: 044-03006
Project Manager: Art Morrill

Reported:
01/16/06 13:34

Fuel Oxygenates by EPA 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5L3015 - EPA 5030B P & T

Blank (B5L3015-BLK1)

Prepared: 12/29/05 Analyzed: 12/30/05

Methyl tert-butyl ether	ND	1.0	µg/L							
Di-isopropyl ether	ND	1.0	"							
Ethyl tert-butyl ether	ND	1.0	"							
Tert-amyl methyl ether	ND	1.0	"							
Tert-butyl alcohol	ND	5.0	"							
Surrogate: Dibromofluoromethane	56.7		"	50.0		113	86-118			
Surrogate: Toluene-d8	50.8		"	50.0		102	88-110			
Surrogate: 4-Bromofluorobenzene	51.0		"	50.0		102	86-115			

Blank (B5L3015-BLK2)

Prepared & Analyzed: 12/29/05

Methyl tert-butyl ether	ND	1.0	µg/L							
Di-isopropyl ether	ND	1.0	"							
Ethyl tert-butyl ether	ND	1.0	"							
Tert-amyl methyl ether	ND	1.0	"							
Tert-butyl alcohol	ND	5.0	"							
Surrogate: Dibromofluoromethane	56.0		"	50.0		112	86-118			
Surrogate: Toluene-d8	50.8		"	50.0		102	88-110			
Surrogate: 4-Bromofluorobenzene	48.6		"	50.0		97.2	86-115			

LCS (B5L3015-BS1)

Prepared & Analyzed: 12/29/05

Methyl tert-butyl ether	40.7	1.0	µg/L	50.0		81.4	80-120			
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LCS (B5L3015-BS2)

Prepared: 12/29/05 Analyzed: 12/30/05

Methyl tert-butyl ether	52.0	1.0	µg/L	50.0		104	80-120			
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Matrix Spike (B5L3015-MS1)

Source: 0512627-08

Prepared: 12/29/05 Analyzed: 12/30/05

Methyl tert-butyl ether	52.0	1.0	µg/L	50.0	ND	104	37-160			
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Krazan & Associates, Inc.
 215 West Dakota Avenue
 Clovis CA, 93612

Project: **Pinole Beacon**
 Project Number: 044-03006
 Project Manager: Art Morrill

Reported:
 01/16/06 13:34

Fuel Oxygenates by EPA 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5L3015 - EPA 5030B P & T

Matrix Spike (B5L3015-MS2)		Source: 0512627-08			Prepared: 12/29/05		Analyzed: 12/30/05			
Methyl tert-butyl ether	54.5	1.0	µg/L	50.0	ND	109	37-160			
Matrix Spike Dup (B5L3015-MSD1)		Source: 0512627-08			Prepared: 12/29/05		Analyzed: 12/30/05			
Methyl tert-butyl ether	49.4	1.0	µg/L	50.0	ND	98.8	37-160	5.13	30	
Matrix Spike Dup (B5L3015-MSD2)		Source: 0512627-08			Prepared: 12/29/05		Analyzed: 12/30/05			
Methyl tert-butyl ether	54.9	1.0	µg/L	50.0	ND	110	37-160	0.731	30	

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Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: **Pinole Beacon**
Project Number: 044-03006
Project Manager: Art Morrill

Reported:
01/16/06 13:34

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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.



KRAZAN & ASSOCIATES, INC.
 215 WEST DAKOTA AVENUE
 CLOVIS, CA 93612
 (559) 348-2200 VOICE
 (559) 348-2201 FAX

Comments:

Lab Sample ID #	Sampler Name (Printed)	Krazan Sample No.	Date Sampled	Time Sampled	Project Name (optional)	Report Attention	Sample Matrix	Sample Type	D=Discrete	G=Grav C=Composite	Sample Preserved?	Yes/No	Number of Containers
01	MW-5		12/11	1305	Steve B. / Mark E.	Steve B. / Mark E.	S	D			N	N	1
02	MW-6		12/11	1345			S	D			N	N	1
03	MW-4		12/11	1305			S	D			N	N	1
04	MW-6		12/11	1335			S	D			N	N	1
05	MW-1		12/20	820			S	D			N	N	1
06	MW-1		12/20	855			S	D			N	N	1
07	MW-7		12/20	110			S	D			N	N	1
08	MW-1		12/20	115			S	D			N	N	1
09	MW-1		11/20	117			S	D			N	N	1

Project Name: Public Valley Road
 Report Attention: Steve B. / Mark E.
 Sample Description: 0 11.5-12'
0 11-12'
0 16-17'
0 21.5-23.5'
0 10.5-11.5'
0 22-23'
0 26.5-27.5'
0 4.5-5.5'
0 10.5-11.5'

Sample Matrix: W=Water S=Soil A=Air
 Sample Type: D=Discrete
 G=Grav C=Composite
 Sample Preserved? N
 Yes/No
 Number of Containers: 1

Requested Analyses	TPH-Diesel	TPH by EPA 418.1	EPA 625.2 (Pentachlorophenol/Cresoles)	EPA 8260 (Dioxins/Furans)
BTEX/TPH-Gasoline/MTBE	X	X	X	X

P.O. Number: 0512504
 Ice Chest No.:
 Laboratory: SUN
 Lab Quote No.:
 Method of Shipment/Delivery: Cal Overnight
 Remarks: Hold
Hold

Signature: [Signature]
 Relinquished by: [Signature]
 Received by: [Signature]
 Relinquished by: [Signature]
 Received by: [Signature]
 Relinquished by: [Signature]
 Received by: [Signature]

Printed Name: Stephen Baker
MARC EDWARDS
MARK EDWARDS

Date: 12/20
12/20
12/20

Time: 8:00 am
8:01 am
8:00 am

Company Name: KRAZAN
KRAZAN
KRAZAN

Turn Around Time (Circle Choice): 5 Days
 10 Days
 15 Days

As Contracted
 24 hrs
 48 hrs

12-22-05



04 January 2006

Steve Bahr
Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis, CA 93612

RE: Pinole Beacon

Work Order No.: 0512504

Attached are the results of the analyses for samples received by the laboratory on 12/22/05 10:00.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report.
If you require any additional retaining time, please advise us.

Sincerely,

Richard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS),
Environmental Laboratory Accreditation Program (ELAP) No. 2320.



Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: **Pinole Beacon**
Project Number: 044-03006
Project Manager: Steve Bahr

Reported:
01/04/06 16:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5 @ 11.5-12'	0512504-01	Soil	12/19/05 07:55	12/22/05 10:00
MW-6 @ 11-12'	0512504-02	Soil	12/19/05 12:45	12/22/05 10:00
MW-6 @ 24.5-25.5'	0512504-04	Soil	12/19/05 13:35	12/22/05 10:00
MW-7 @ 10.5-11.5'	0512504-05	Soil	12/20/05 08:30	12/22/05 10:00
MW-7 @ 26.5-27.5'	0512504-07	Soil	12/20/05 09:10	12/22/05 10:00
KB-1 @ 4.5-5.5'	0512504-08	Soil	12/20/05 11:15	12/22/05 10:00
KB-1 @ 10.5-11.5'	0512504-09	Soil	12/20/05 11:17	12/22/05 10:00

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.
PRESERVATION: Samples requiring preservation were verified prior to sample preparation and analysis.
HOLDING TIMES: All holding times were met, unless otherwise noted in the report with data qualifiers.
QA/QC CRITERIA: All quality objective criteria were met, except as noted in the report with data qualifiers.

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.



Krazan & Associates, Inc.
 215 West Dakota Avenue
 Clovis CA, 93612

Project: Pinole Beacon
 Project Number: 044-03006
 Project Manager: Steve Bahr

Reported:
 01/04/06 16:29

BTEX/MTBE/TVPH-Gasoline Range Hydrocarbons (C4-C12) by EPA Method 8021B and 8015B in series
Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 @ 11.5-12' (0512504-01) Soil Sampled: 12/19/05 07:55 Received: 12/22/05 10:00									
Benzene	0.0032	0.0030	mg/kg	1	B6A0202	12/31/05	12/31/05	EPA 8021B/8015B	
Toluene	ND	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	
Xylenes (total)	ND	0.0030	"	"	"	"	"	"	
Methyl tert-butyl ether	0.011	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		67.0 %	35-130		"	"	"	"	
MW-6 @ 11-12' (0512504-02) Soil Sampled: 12/19/05 12:45 Received: 12/22/05 10:00									
Benzene	0.0042	0.0030	mg/kg	1	B6A0202	12/31/05	12/31/05	EPA 8021B/8015B	
Toluene	0.016	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	
Xylenes (total)	0.0031	0.0030	"	"	"	"	"	"	
Methyl tert-butyl ether	0.020	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	0.67	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		100 %	35-130		"	"	"	"	
MW-6 @ 24.5-25.5' (0512504-04) Soil Sampled: 12/19/05 13:35 Received: 12/22/05 10:00									
Benzene	ND	0.30	mg/kg	100	B6A0202	12/31/05	12/31/05	EPA 8021B/8015B	
Toluene	0.58	0.30	"	"	"	"	"	"	
Ethylbenzene	0.74	0.30	"	"	"	"	"	"	
Xylenes (total)	0.69	0.30	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	86	5.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		117 %	35-130		"	"	"	"	

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.



Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: Pinole Beacon
Project Number: 044-03006
Project Manager: Steve Bahr

Reported:
01/04/06 16:29

BTEX/MTBE/TVPH-Gasoline Range Hydrocarbons (C4-C12) by EPA Method 8021B and 8015B in series

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 @ 10.5-11.5' (0512504-05) Soil Sampled: 12/20/05 08:30 Received: 12/22/05 10:00									
Benzene	0.17	0.15	mg/kg	50	B6A0202	12/31/05	12/31/05	EPA 8021B/8015B	
Toluene	0.27	0.15	"	"	"	"	"	"	
Ethylbenzene	0.94	0.15	"	"	"	"	"	"	
Xylenes (total)	1.7	0.15	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.25	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	88	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		123 %	35-130	"	"	"	"	"	
MW-7 @ 26.5-27.5' (0512504-07) Soil Sampled: 12/20/05 09:10 Received: 12/22/05 10:00									
Benzene	0.37	0.15	mg/kg	50	B6A0202	12/31/05	12/31/05	EPA 8021B/8015B	
Toluene	0.50	0.15	"	"	"	"	"	"	
Ethylbenzene	1.0	0.15	"	"	"	"	"	"	
Xylenes (total)	2.8	0.15	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.25	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	94	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		114 %	35-130	"	"	"	"	"	
KB-1 @ 4.5-5.5' (0512504-08) Soil Sampled: 12/20/05 11:15 Received: 12/22/05 10:00									
Benzene	0.024	0.0030	mg/kg	1	B6A0202	12/31/05	12/31/05	EPA 8021B/8015B	
Toluene	0.0069	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	
Xylenes (total)	0.023	0.0030	"	"	"	"	"	"	
Methyl tert-butyl ether	0.41	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	1.6	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.0 %	35-130	"	"	"	"	"	

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.



Krazan & Associates, Inc.
 215 West Dakota Avenue
 Clovis CA, 93612

Project: Pinole Beacon
 Project Number: 044-03006
 Project Manager: Steve Bahr

Reported:
 01/04/06 16:29

BTEX/MTBE/TVPH-Gasoline Range Hydrocarbons (C4-C12) by EPA Method 8021B and 8015B in series
Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
KB-1 @ 10.5-11.5' (0512504-09) Soil Sampled: 12/20/05 11:17 Received: 12/22/05 10:00									
Benzene	ND	3.0	mg/kg	1000	B6A0202	12/31/05	12/31/05	EPA 8021B/8015B	
Toluene	ND	3.0	"	"	"	"	"	"	
Ethylbenzene	8.1	3.0	"	"	"	"	"	"	
Xylenes (total)	31	3.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons (C4-C12)	630	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		84.0 %		35-130	"	"	"	"	

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.



Krazan & Associates, Inc.
 215 West Dakota Avenue
 Clovis CA, 93612

Project: **Pinole Beacon**
 Project Number: **044-03006**
 Project Manager: **Steve Bahr**

Reported:
 01/04/06 16:29

BTEX/MTBE/TVPH-Gasoline Range Hydrocarbons (C4-C12) by EPA Method 8021B and 8015B in series - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B6A0202 - EPA 5035 P & T

Blank (B6A0202-BLK1)

Prepared & Analyzed: 12/31/05

Benzene	ND	0.0030	mg/kg							
Toluene	ND	0.0030	"							
Ethylbenzene	ND	0.0030	"							
Xylenes (total)	ND	0.0030	"							
Methyl tert-butyl ether	ND	0.0050	"							
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0136		"	0.0200		68.0	35-130			

LCS (B6A0202-BS1)

Prepared & Analyzed: 12/31/05

Benzene	0.0338	0.0030	mg/kg	0.0400		84.5	80-120			
Toluene	0.0347	0.0030	"	0.0400		86.8	80-120			
Ethylbenzene	0.0354	0.0030	"	0.0400		88.5	80-120			
Gasoline Range Hydrocarbons (C4-C12)	0.596	0.050	"	0.600		99.3	80-120			

Matrix Spike (B6A0202-MS1)

Source: 0512576-05

Prepared & Analyzed: 12/31/05

Benzene	0.0209	0.0030	mg/kg	0.0400	ND	52.2	39-150			
Toluene	0.0212	0.0030	"	0.0400	ND	53.0	46-148			
Ethylbenzene	0.0212	0.0030	"	0.0400	ND	53.0	32-160			
Gasoline Range Hydrocarbons (C4-C12)	0.536	0.050	"	0.600	0.057	79.8	50-150			

Matrix Spike Dup (B6A0202-MSD1)

Source: 0512576-05

Prepared & Analyzed: 12/31/05

Benzene	0.0254	0.0030	mg/kg	0.0400	ND	63.5	39-150	19.4	30	
Toluene	0.0278	0.0030	"	0.0400	ND	69.5	46-148	26.9	30	
Ethylbenzene	0.0257	0.0030	"	0.0400	ND	64.2	32-160	19.2	30	
Gasoline Range Hydrocarbons (C4-C12)	0.475	0.050	"	0.600	0.057	69.7	50-150	12.1	30	

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Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis CA, 93612

Project: **Pinole Beacon**
Project Number: 044-03006
Project Manager: Steve Bahr

Reported:
01/04/06 16:29

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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.

Appendix D

Well Survey Results

The survey was performed on January 24, 2006. The benchmark for this survey was a City of Pinole benchmark, being a disk in well monument in the intersection of Estates and Faria Avenue. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83). Measurements taken at approximate north side of top of box and top of casing.

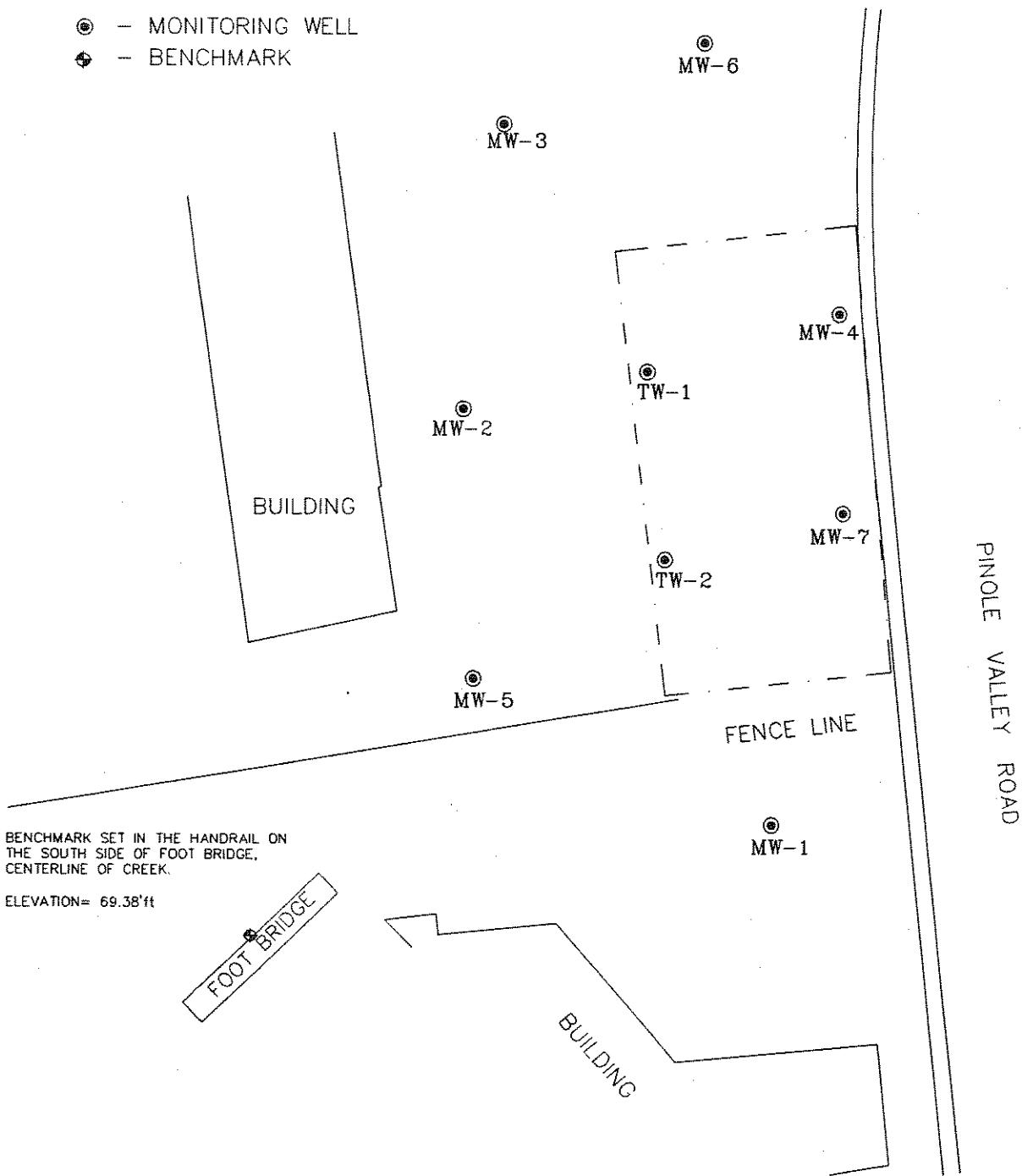
Benchmark Elev. = 109.46 feet, NGVD 29.

<u>Latitude</u>	<u>Longitude</u>	<u>Northing</u>	<u>Easting</u>	<u>Elev.</u>	<u>Desc.</u>
37.9941839	-122.2859459	2189378.77	6047044.39	64.72 64.32	RIM MW-1 TOC MW-1
37.9945473	-122.2863019	2189513.03	6046944.32	63.23 62.77	RIM MW-2 TOC MW-2
37.9947997	-122.2862610	2189604.73	6046957.87	62.02 61.52	RIM MW-3 TOC MW-3
37.9946374	-122.2858790	2189543.51	6047066.81	66.55 65.96	RIM MW-4 TOC MW-4
37.9943087	-122.2862851	2189426.08	6046947.51	63.66 63.19	RIM MW-5 TOC MW-5
37.9948746	-122.2860377	2189630.74	6047022.73	63.23 62.93	RIM MW-6 TOC MW-6
37.9944483	-122.2858663	2189474.61	6047069.15	66.27 65.66	RIM MW-7 TOC MW-7
37.9945832	-122.2860957	2189524.96	6047003.98	67.37 66.84	RIM TW-1 TOC TW-1
37.9944174	-122.2860717	2189464.49	6047009.75	67.34 67.11	RIM TW-2 TOC TW-2
				69.38	Benchmark on bridge- set nail & shiner on railing over centerline of creek

Well Survey performed by *Virgil Chavez Land Surveying*.

LEGEND

- ⊙ - MONITORING WELL
- ⊕ - BENCHMARK

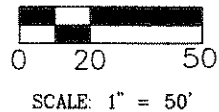


BENCHMARK SET IN THE HANDRAIL ON THE SOUTH SIDE OF FOOT BRIDGE, CENTERLINE OF CREEK.

ELEVATION= 69.38'ft

MONITORING WELL PLAT
2810 PINOLE VALLEY ROAD
PINOLE, CA

VIRGIL CHAVEZ LAND SURVEYING
721 TUOLUMNE STREET
VALLEJO, CALIFORNIA
(707) 553-2476





**OFFSITE GROUNDWATER INVESTIGATION AND
LOW-THREAT CLOSURE EVALUATION REPORT
Atlantic Richfield Company Station #6228
2747 Pinole Valley Road
Pinole, Contra Costa County, California**

Prepared for:

Mr. Chuck Carmel
Atlantic Richfield Company
4 Centerpointe Drive, Suite 200
La Palma, CA 90623

Prepared by:

Broadbent & Associates, Inc.
1370 Ridgewood Dr., Suite 5
Chico, California 95973
(530) 566-1400

July 13, 2017

No. 09-88-709



1370 Ridgewood Drive, Suite 5, Chico, CA 95973

[T] 530-566-1400 [F] 530-566-1401

broadbentinc.com

CREATING SOLUTIONS. BUILDING TRUST.

July 13, 2017

Project No. 09-88-709

Atlantic Richfield Company
4 Centerpointe Drive, Suite 200
La Palma, CA 90623
Submitted via ENFOS

Attn.: Mr. Chuck Carmel

Re: Offsite Groundwater Investigation and Low-Threat Closure Request, Atlantic Richfield Company Station #6228, 2747 Pinole Valley Road, Pinole, California; Regulatory Site No. 07-0433.

Dear Mr. Carmel:

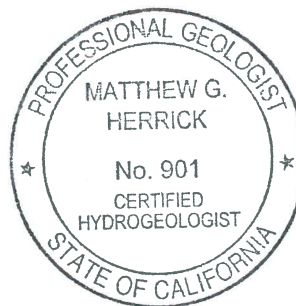
Attached is the *Offsite Groundwater Investigation and Low-Threat Closure Request* for Atlantic Richfield Company Station #6228 located at 2747 Pinole Valley Road, Pinole, California (Site). Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Jason Duda
Senior Scientist

Matt Herrick, P.G., C.HG
Principal Hydrogeologist



Enclosure

cc: Mr. Martin Musonge, San Francisco Bay Region – Regional Water Quality Control Board
Ms. Sue Loyd, Contra Costa County – Hazardous Materials Program
Electronic Copy Uploaded to GeoTracker

**OFFSITE GROUNDWATER INVESTIGATION AND
LOW-THREAT CLOSURE EVALUATION REPORT**

Atlantic Richfield Company Station #6228
2747 Pinole Valley Road, California

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ATTACHMENTS

Drawing 1	Site Location Map
Drawing 2	Site Map with Offsite Boring Locations
Drawing 3	Groundwater Elevation Contour and Analytical Summary Map

Table 1	Summary of Groundwater Sample Analytical Data
Table 2	Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses
Table 3	Summary of Fuel Additives Analytical Data
Table 4	LNAPL Removal Table
Table 5	Summary of Groundwater Gradient – Direction and Magnitude

APPENDICES

Appendix A	Permit
Appendix B	Broadbent Investigative Activities Data (Includes Field Sheets and Boring Logs)
Appendix C	Certified Laboratory Analytical Report with Chain-of-Custody Documentation
Appendix D	GeoTracker Upload Confirmation Receipts
Appendix E	Former Beacon Groundwater Analytical Data
Appendix F	Historic Soil and Groundwater Data

OFFSITE GROUNDWATER INVESTIGATION AND LOW-THREAT CLOSURE EVALUATION REPORT

Atlantic Richfield Company Station #6228
2747 Pinole Valley Road, Pinole, California

1.0 □ INTRODUCTION

On behalf of the Atlantic Richfield Company, RM – a BP affiliated company, Broadbent & Associates, Inc. (Broadbent) has prepared this *Offsite Groundwater Investigation and Low-Threat Closure Evaluation Report* for Atlantic Richfield Company Station #6228 located at 2747 Pinole Valley Road, Pinole, California (Site). The offsite investigation was completed to further evaluate the lateral extent of petroleum hydrocarbon impacted groundwater to the west-northwest of the Site in the downgradient direction and also to evaluate potential impact to Pinole Valley Creek. Offsite investigation activities were conducted by Broadbent on January 24 and 25, 2017 in general accordance to Broadbent's *Offsite Groundwater Investigation Work Plan* dated April 8, 2016 as approved by the San Francisco Bay Regional Water Quality Control Board's (SFBRWQCB) letter dated June 30, 2016. Additionally, this report includes an evaluation of the Site against the State Water Resources Control Board's Low-Threat Closure Policy (LTCP) in order to determine the Site's eligibility for potential case closure.

2.0 SITE DESCRIPTION

The Site is an active ARCO-branded gasoline retail outlet located on the east side of Pinole Valley Road in a primarily commercial district of Pinole, California. A Site Location Map is provided as Drawing 1. Station No. 6228 consists of a convenience store building and a gasoline distribution system including two gasoline underground storage tanks (USTs) with associated piping and dispensers. The Site is covered with asphalt and concrete surfacing. A Site Map depicting current wells and boring locations is provided as Drawing 2.

3.0 FIELD ACTIVITIES PERFORMED

The offsite groundwater investigation was completed to further evaluate the lateral extent of petroleum hydrocarbon impacted groundwater to the west-northwest of the Site. On January 24 and 25, 2017, Broadbent oversaw Cascade Drilling (Cascade) of West Sacramento, California advance three soil borings (identified as SB-1 through SB-3) within the parking lot of the Pinole Valley Shopping Center located across Pinole Valley Road immediately west-northwest of the Site. Proposed boring SB-4 was not installed due to the presence of pea gravel encountered in the shallow subsurface at two different attempted locations. The soil boring locations are depicted on Drawing 2.

3.1 Preliminary Field Activities

Prior to initiating field activities, Broadbent obtained the necessary drilling permit from the Contra Costa Environmental Health Division. A copy of the drilling permit is provided in Appendix A. A Site health and safety plan specific to the work scope was prepared and the boring locations were cleared from conflicts with subsurface utilities prior to the commencement of work. The utility clearance included notifying Underground Service Alert of

the work a minimum of 48 hours prior to initiating the field investigation, and additionally securing the services of Ground Penetrating Radar Systems, Inc. (GPRS), a private utility locating company, to confirm the absence of underground utilities using electromagnetic line locating/metal detection (EMLL) and ground penetrating radar (GPR) at each boring location. Each borehole was cleared to 6.5 feet below ground surface (bgs) with an air knife rig on January 23 and 24, 2017 prior to drilling, consistent with the safety protocols contained within the Broadbent Ground Disturbance Defined Practice.

3.2 Soil Boring Advancement and Sampling Activities

On January 24 and 25, 2017, Broadbent field personnel observed Cascade advance three soil borings (SB-1 through SB-3). Cascade utilized a hollow stem auger drill rig to advance the soil borings to a maximum depth of 95 feet bgs. Physical soil samples were collected at approximate five foot intervals, beginning at 10 feet bgs, with a split spoon sampler in order to classify lithology via the Unified Soil Classification System (USCS) and evaluate soil conditions using a photo-ionization detector (PID), visual, and olfactory senses. Soil samples were not submitted to the laboratory for analysis. A single groundwater sample was collected from each borehole within the first encountered water bearing zone. It was originally proposed to collect both a shallow and deep groundwater sample from each boring. However, once the drill rig was on site and field work commenced, it was determined that a second deeper groundwater sample could not be collected without potential influence from the upper shallower water bearing zone.

Soil boring SB-1 was advanced to a total depth of 95 feet bgs. Soil samples were collected at approximate five foot intervals for screening purposes. Screening with the PID detected volatile organic compounds (VOCs) at depths of 85, 90 and 95 feet bgs with a strong hydrocarbon odor observed at these depths. Encountered soils consisted of mainly clays and silts to approximately 90 feet bgs. Between 90 and 95 feet bgs, a claystone and/or siltstone layer was observed. A grab groundwater sample was collected from the boring using a disposable bailer through the augers at an approximate depth of 20 feet bgs and then borehole advancement was continued to the total depth explored.

Soil boring SB-2 was advanced to a total depth of 20 feet bgs. Soil samples were collected at approximate five foot intervals for screening purposes. Screening with the PID did not detect VOCs at the specific sampling depths. No visual or olfactory impacts were observed during borehole advancement. Encountered soils consisted of mainly clay, with clayey silt encountered from approximately 18-20 feet bgs. Following completion of soil boring advancement, a grab groundwater sample was collected from the boring using a disposable bailer through the augers at an approximate depth of 20 feet bgs.

Soil boring SB-3 was advanced to a total depth of 50 feet bgs. Soil samples were collected at approximate five foot intervals for screening purposes. Screening with the PID detected volatile organic compounds (VOCs) at a depth of 15 feet bgs with a slight hydrocarbon odor observed.

Encountered soils consisted of mainly clays and silts to approximately 45 feet bgs. Between 45 and 50 feet bgs, a siltstone layer was observed. Following completion of soil boring advancement to 50 feet bgs, groundwater was not obviously present within the borehole. At this time, the borehole was kept open for approximately 30 minutes. Depth to water was measured at approximately 42 feet bgs upon return to the borehole. A grab groundwater sample was then collected from the boring using a disposable bailer through the augers at an approximate depth of 42 feet bgs.

As discussed above, proposed soil boring SB-4 was not installed due to the presence of pea gravel encountered at two different attempted locations during air knife clearance. As air knife clearance proceeded, the pea gravel collapsed along the edge of the hole increasing the width of the hole. The pea gravel did not allow for the proper clearance of 6.5' bgs to be obtained.

Upon completion of sampling activities, each boring was filled with neat cement grout and completed at the surface to match existing surroundings. Field sheets and the soil boring logs are provided within Appendix B.

3.3 Investigation-Derived Residuals Management

Residual solids and liquids generated during the offsite investigation activities were stored temporarily onsite in Department of Transportation-approved 55-gallon drums pending analytical results and profiling. Following characterization and profiling, Belshire Environmental Services transported the investigation-derived residuals to an Atlantic Richfield Company-approved facility for treatment or disposal.

4.0 RESULTS OF INVESTIGATION

Groundwater samples were shipped to TestAmerica Laboratories, Inc. (Irvine), a California State-certified laboratory, under chain-of-custody (COC) protocol. Samples were analyzed for Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) by EPA Method 8015B; and for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX), Methyl Tert-Butyl Ether (MTBE), Ethyl Tert-Butyl Ether (ETBE), Tert-Amyl Methyl Ether (TAME), Di-Isopropyl Ether (DIPE), Tert-Butyl Alcohol (TBA), 1,2-Dichloroethane (1,2-DCA), 1,2-Dibromoethane (EDB), Naphthalene, and Ethanol using EPA Method 8260B. According to the laboratory, the groundwater sample for DRO analysis for SB-1 was prepared beyond the specified holding time. No other significant irregularities were noted by the laboratory during sample analysis.

Tabulated groundwater sample laboratory analytical results were compared against the Tier 1 Environmental Screening Levels (ESLs) established by the SFBRWQCB (February 2016) based on a generic conceptual site model designed for use at most sites. GRO, DRO, BTEX, and MTBE were detected above their respective laboratory reporting limits in at least one sample collected. The remaining analytes were not detected above their respective laboratory reporting limits. The highest detections were observed for DRO and a maximum concentration

of 6,000 ug/L was reported in the groundwater sample collected from boring SB-3. DRO concentrations exceeded the ESL (100 ug/L) for each sample collected and the ESL for GRO (100 ug/L) was exceeded in the sample collected from boring SB-3 at a concentration of 140 ug/L. The remaining constituents detected above their laboratory reporting limits did not exceed their respective ESLs and should be considered very minor concentrations. Groundwater sampling analytical data are summarized in Table 1. A copy of the laboratory analytical report with chain-of-custody documentation is provided in Appendix C. Laboratory analytical results (EDF), a Site Map (GEO_MAP), and boring logs (GEO_BORE) were uploaded to the GeoTracker AB2886 database. The upload confirmation pages are provided in Appendix D.

5.0 CONCLUSIONS

On behalf of the Atlantic Richfield Company, Broadbent prepared this *Offsite Groundwater Investigation Report* for Station #6228, located at 2747 Pinole Valley Road, Pinole, California. Based on the findings of this investigation, Broadbent concludes the following:

- Based on PID, visual, and olfactory observations of soil evaluated during the investigation, petroleum hydrocarbon impacted soil appears to be present between 85 and 95 feet bgs at SB-1 and approximately 15 feet bgs at SB-3.
- Based on laboratory analysis of the grab groundwater samples collected during the investigation, slight petroleum hydrocarbon impact is present at each boring location. However, DRO concentrations at each boring (SB-1 through SB-3) and the GRO concentration in the groundwater sample collected from SB-3 are the only results that exceeded their respective Tier 1 ESLs. The remaining constituents detected above laboratory reporting limits were below ESLs.
- The low-level hydrocarbon impacts observed in the collected groundwater samples are possibly residual contamination from the historic Beacon Station (Geotracker #T0601300714) previously located at 2810 Pinole Valley Road. Historic concentrations left in place following closure of this case could account for the low-level impacts of GRO, BTEX, and MTBE observed. The last documented groundwater sampling event occurred in 2005 and elevated concentrations of GRO (8,300 ug/L), Benzene (170 ug/L), Toluene (32 ug/L), Ethylbenzene (150 ug/L), and Total Xylenes (140 ug/L) were observed in well MW-6 (see Drawing 2), which is located within the vicinity of borings SB-1, SB-2, and SB-3. A summary of groundwater analytical results associated with the Former Beacon Station are provided in Appendix E. Considering this case was closed in 2008, residual impacts are not expected to pose a threat to human health or the environment.
- DRO was not analyzed during sampling events conducted at the former Beacon Station. Based on a review of historic information for the former Beacon, a UST of unknown properties and content was previously removed from the Site. It is unclear whether diesel was dispensed at the former Beacon.
- DRO was detected at a concentration of 6,000 ug/L in offsite boring SB-3 at a depth of 50 feet bgs and within the siltstone material. This concentration is much higher than

concentrations of DRO observed during First Quarter 2017 in shallow alluvial wells A-6 (140 ug/L) and A-7 (170 ug/L), located up gradient of SB-3 in Pinole Valley Road. The elevated DRO concentrations in SB-3 could be from a shallow source associated with the former Beacon Station or migration of the DRO plume from the deeper siltstone water bearing zone associated with Station #6228. However, considering DRO is not a concern for vapor intrusion since naphthalene was not detected above laboratory reporting limits and is not listed as a constituent of concern within the Low-Threat Closure Policy (LTCP), current concentrations do not appear to pose a threat to human health or the environment.

- Groundwater samples from borings SB-1 and SB-2 were collected within the first 20 feet bgs from the shallow, alluvial material. The groundwater sample from boring SB-3 was collected at approximately 50 feet bgs, which was approximately five feet into the siltstone layer, which was observed at approximately 45 feet bgs. This difference in depth at which the water bearing zone was encountered likely accounts for the elevated DRO concentration observed at SB-3.
- If impact to Pinole Valley Creek were to occur from groundwater, it would likely be associated with the shallow, alluvial zone. Based on groundwater analytical results from samples collected at borings SB-1 and SB-2, the borings closest to Pinole Valley Creek, minimal concentrations of hydrocarbons are present within this alluvial zone and would not likely impact the creek.

6.0 LOW-THREAT UST CLOSURE POLICY EVALUATION

A review of the current and historical data indicates that the Site is adequately characterized. A CSM was prepared in October 2014 and is considered valid. The data gap addressed in the 2014 CSM was closed through conduct of the offsite investigation discussed in the previous sections of this report. Following is the evaluation of the Site against the General Criteria of the LTCP.

6.1 *General Criteria*

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

The release is located within the service area of the East Bay Municipal Utilities District.

The unauthorized release consists only of petroleum.

Inspection of the USTs during upgrade activities conducted in 2000 did not reveal evidence of leaks. A small two-inch interior patch was observed on the bottom center of the 8,000 gallon UST. However, LNAPL was observed within the product piping trenches during removal, possibly suggesting that the main source of the release stemmed from the product piping and/or dispensers. Additionally, all analytical data collected to date has shown no indication of any other contaminant releases other than petroleum (Tables 2-3 and Appendix F). The Site has

operated as a retail service station since at least 1992 and there is no evidence that any other activities have occurred at the Site which may have caused non-petroleum releases.

The unauthorized (“primary”) release from the UST system has been stopped.

In 1998, product piping upgrades were conducted and approximately four cubic yards of hydrocarbon impacted soil were removed from the Site during upgrade activities. USTs and associated product lines were replaced in November 2000. Approximately 58,200 gallons of non-hazardous groundwater and 1,318 tons of hydrocarbon impacted soil were removed during upgrade activities.

Free product has been removed to the extent possible.

LNAPL has historically been observed in each onsite well and LNAPL bailing has been conducted on various wells at the site since 1996. LNAPL was observed during the most recent semi-annual monitoring event (1Q17) in well A-5 at a measured thickness of approximately 0.25 ft, and a small amount of LNAPL was reported in well V-1 (<0.01 ft). LNAPL was last observed as a sheen in wells A-1 and A-4 in 2015. Monthly LNAPL bailing was conducted at the site through Fourth Quarter 2012, at which time absorbent socks were installed within wells A-4 and A-5 in order to increase the efficiency of LNAPL removal. An absorbent sock was also installed in well A-1 during Second Quarter 2013. Absorbent socks were removed after the First Quarter 2014 monitoring event in order to evaluate the presence of LNAPL and sheen in these wells and observe potential LNAPL recharge rates. A week following this monitoring event, sheen was only observed in two of these wells, A-1 and V-1, and LNAPL was below measurable amounts. Approximately 161.3 gallons of LNAPL/water mixture and approximately 113 ounces of LNAPL have been removed from the Site since February 2008. Table 4 contains a summary of LNAPL removal data since February 2008. Currently, only one well, A-5, has measurable LNAPL as discussed above. Historically, LNAPL has been noted at the Site with thicknesses up to 6.50 feet (well A-5, Table 2). Current LNAPL observations indicate an overall decrease in LNAPL over time at the Site, and indicate that LNAPL is isolated onsite and has been removed to the extent practicable.

A conceptual site model (CSM) that assesses the nature, extent, and mobility of the release has been developed.

A *Conceptual Site Model and Sensitive Receptor Survey* was prepared by Broadbent on October 15, 2014 that assessed the nature, extent, and mobility of the release.

Secondary source has been removed to the extent practicable.

Secondary source is the petroleum hydrocarbon impacted soil and/or groundwater located at or immediately beneath the point of release from the primary source. During the removal of the product lines in 1998, approximately four cubic yards of hydrocarbon impacted soil were

removed. During the UST and product line replacement activities in 2000, approximately 58,200 gallons of non-hazardous groundwater and 1,318 tons of hydrocarbon impacted soil was over-excavated from the UST cavity and beneath the product piping and dispensers and transported to a disposal facility. Although some petroleum mass in soil likely remains beneath the former USTs, this remaining mass is isolated onsite at depths greater than five feet bgs and has likely degraded significantly since 2000.

Additionally, two soil vapor extraction (SVE) tests were conducted onsite in 1996 but results showed no appreciable yield of soil vapors due to the low permeability of the sediments beneath the site. In 2004, URS conducted a multiple-day dual-phase extraction (DPE) event utilizing wells A-4 and A-5. Results of the DPE event indicated that this technology is not a feasible or effective remedial option for the Site. LNAPL recovery has been conducted on various wells at Station #6228 since 1996. Approximately 161.3 gallons of LNAPL/water mixture and approximately 113 ounces of LNAPL have been removed from the Site since 2008.

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

Both soil and groundwater have been tested for MTBE historically. Historical soil and groundwater analytical data are presented in Appendix F and Table 2, respectively. A review of this data indicates that the majority of the observed concentrations of MTBE in soil were associated with the product lines and USTs onsite. MTBE is currently not detected in groundwater above the water quality objective (WQO) of 5 µg/L (Drawing 3).

Nuisance as defined by Water Code Section 13050 does not exist at the Site.

Water Code Section 13050 defines “nuisance” as anything which meets all of the following requirements:

- In injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property.
- Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal.
- Occurs during, or as a result of, the treatment or disposal of wastes (For the purpose of the policy, waste means a petroleum release).

Based on the review of current and historical site information, a nuisance as defined by the water code does not exist at this Site.

6.2 Media-Specific Criteria

This section evaluates the three media-specific criteria, all of which must be satisfied to be eligible for site closure under the LTCP.

Groundwater

The LTCP lists four scenarios for groundwater plumes. Due to the presence of free product on-site and the proximity of the nearest surface water body, Pinole Creek, located approximately 400 feet southwest of the Site, the criteria for closure under the four scenarios for groundwater plumes are not met by current Site conditions. However, based on current concentrations, on- and off-site assessments, and remedial feasibility studies, the Site appears to be eligible for closure under Category 5. GRO concentrations above the WQO (100 µg/L) are limited to on-site wells A-1 and A-4, with exceedances also likely in wells V-1 and A-5 due to the presence of free product. GRO concentrations have continually decreased over time and current concentrations observed in downgradient, off-site wells A-6 and A-7 are below the WQO. DRO concentrations have similarly decreased over time and current concentrations over the WQO (100 µg/L) are mostly limited to on-site wells. DRO concentrations in downgradient, off-site wells A-6 and A-7 are currently slightly above the WQO at 140 µg/L and 170 µg/L, respectively.

The GRO and DRO concentrations observed in offsite boring SB-3 (140 µg/L and 6,000 µg/L, respectively) exceed WQOs for both constituents. The samples were collected at a depth of 50 feet bgs in a siltstone material and likely represent a deeper water bearing zone. It is possible the release from the Beacon station is contributing to the GRO and DRO concentrations observed in SB-3. The former Beacon station (2810 Pinole Valley Road) was located approximately 100 feet downgradient of the Site, closer to the creek. Dissolved concentrations of benzene are below laboratory reporting limits and MTBE concentrations are less than 5 µg/L in the Site wells sampled routinely. Remaining benzene concentrations may be limited to onsite wells A-5 and V-1, which contain small amounts of LNAPL. However, considering the non-detect benzene concentrations in the remaining wells associated with the Site, it is unlikely benzene is present within these wells.

The proximity of Pinole Creek makes the Site ineligible for closure under the third scenario of the Groundwater-Specific Criteria in the LTCP. The presence of free product on-Site makes the Site ineligible for closure under the first, second, and fourth scenarios. However, category 5 states:

The regulatory agency determines, based on an analysis of site specific conditions that under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.

Although Pinole Creek is within 400 feet of the Site, the former Beacon Station UST case, immediately downgradient of the Site, was closed in 2008. This case should be considered a precedent for the closure of Station 6228 under category 5 of the Groundwater-Specific Criteria for the following reasons; 1) it is located more immediately upgradient of Pinole Creek, 2) concentrations of benzene, ethylbenzene, xylenes and MTBE were detected above their respective ESLs during the last monitoring event on March 9, 2006 (Krazen, 2006), and 3) the depth to water at the former Beacon Station was generally less than 10 feet bgs.

Furthermore, detections of petroleum hydrocarbons have been below the GRO WQO since the First Quarter 2013 at monitor well A-7, the furthest downgradient well offsite, with two exceptions slightly exceeding the WQO during the First and Third Quarter 2015 sampling events. GRO concentrations in well A-6 have also been below the WQO since First Quarter 2016. DRO concentrations in wells A-6 and A-7 slightly exceed the WQO but have steadily decreased since installation and will likely reach the WQO in a reasonable amount of time. Petroleum concentrations in source area wells appear stable to decreasing and the predominance of semi-impermeable clay and silt layers underlying the Site impedes groundwater flow velocity, and it is highly unlikely that migration of hydrocarbons will impact Pinole Creek in the future. Additionally, the minimal concentrations observed in the groundwater samples collected from offsite borings SB-1 and SB-2 do not indicate that significant impacts in the shallow alluvial zone have migrated much further past these boring locations. Therefore, shallow impacted groundwater is not considered a threat to potential drinking water or to surface water.

Petroleum Vapor Intrusion to Indoor Air

The Site is an active service station, and therefore the LTCP considers that petroleum vapors from onsite fueling activities are a far greater risk than those associated with exposure to vapors from historic petroleum releases. Current benzene concentrations within groundwater associated with the Site are below laboratory reporting limits in each well recently sampled. The remaining two wells with residual LNAPL, A-5 and V-1, are located in the center of the property, reducing potential migration offsite. Additionally, based on historic soil sampling data as discussed in the following section, benzene has only been observed above the LTCP maximum concentration in the boring for well V-4 at approximately seven ft bgs. Based on the age of this sample, relative low concentration compared to the LTCP maximum concentration, and the absence of benzene present within groundwater, vapor intrusion risks to offsite buildings is unlikely. This Site data meets the criteria for closure according to the LTCP.

Direct Contact and Outdoor Air Exposure

Soil samples were collected from the Site at each well location during drilling activities in 1992 and 2002 and during product piping and UST removal activities in 1998 and 2000 (Appendix F). Soil samples at depths of 2.5 to 3 feet collected during product line upgrades in December 1998 were all below the LTCP maximum concentrations for benzene and ethylbenzene for 0-5 feet

bgs. Soil samples collected beneath the piping and dispenser island (at approximately 5 feet bgs) and in the tank cavity (at approximately 15 feet bgs) after approximately 1,318 tons of soil excavation during replacement of the USTs in December 2000 were below their respective LTCP maximum concentrations for benzene and ethylbenzene at 0-5 feet bgs and 5 – 10 feet bgs. The maximum concentrations of benzene and ethylbenzene were observed at 13 mg/kg and 54 mg/kg, respectively, and were collected from well boring V-4. This sample represents the only exceedance of benzene above the LTCP maximum concentrations and is listed on Table A. Soil analytical data is presented in Appendix F.

Table A: Representative Maximum Concentrations of Benzene and Ethylbenzene in Soil Samples - 5 to 10 feet bgs

Sample Identification and Depth	Sample Date	Benzene (mg/kg)	Ethylbenzene (mg/kg)
V-4 @ 7'	8/02/94	13	54
LTCP Maximum* - 5-10 feet bgs		12	134

*Under a commercial/industrial exposure setting
mg/kg = milligrams per kilogram

Soil samples collected from pilot borings (mentioned above) were not analyzed for naphthalene or poly-aromatic hydrocarbons (PAHs). However, these locations were over-excavated. The relative concentrations of naphthalene in soil can be conservatively estimated using published average concentrations of naphthalene and benzene in gasoline. Gasoline mixtures contain an average of approximately 2 percent benzene and 0.25 percent naphthalene (Potter and Simmons 1998); therefore benzene concentrations can be directly substituted for naphthalene concentrations with a safety factor of about 8.

Given the length of time since sample collection and the low concentration as compared to the LTCP maximum, current benzene concentrations have likely decreased to less than the LTCP limit. Based on the data presented herein and in Appendix F, remaining petroleum concentrations in soil appear to be within acceptable levels for closure under the LTCP.

7.0 RECOMMENDATIONS

As presented above and in the 2014 *Conceptual Site Model and Sensitive Receptor Survey* (Broadbent, 2014), this Site appears to meet all applicable criteria for case closure under the LTCP. Over 18 years of groundwater monitoring data has shown that petroleum hydrocarbons exhibit a stable-to-decreasing trend at the Site. While LNAPL is still present in a limited number of onsite wells, free product thickness and prevalence have declined to below measurable amounts in each well with the exception of well A-5. Adequate Site characterization both on- and offsite, evaluation of receptors, historical descriptions, and technical analysis have been performed at the Site and in this document to support a recommendation for case closure. Closure under category 5 of the Groundwater-Specific Criteria evaluation should be considered

with the former Beacon Station (USTCF claim no. 014144) providing a precedent to subjugate the challenges presented by the complex hydrogeology observed at Station 6228. It is recommended that a determination of No Further Action be made for this Site.

8.0 LIMITATIONS

This document has been prepared for the exclusive use of Atlantic Richfield Company (a BP affiliated company). The findings presented in this report are based upon the observations of Broadbent field personnel and previous consultants, points of investigation and results of laboratory tests performed by TestAmerica Laboratories (Irvine, California) and various other laboratories. Services were performed in accordance with the generally accepted standard of practice at the time this report was written. No warranty, expressed or implied, is intended. It is possible that variations in the soil or groundwater conditions could exist beyond the points explored in this investigation. Also, changes in site conditions could occur at some time in the future due to variations in rainfall, temperature, regional water usage or other factors.

9.0 REFERENCES

- Broadbent & Associates, Inc., April 8, 2016. *Offsite Groundwater Investigation Work Plan, Atlantic Richfield Company Station #6228, 2747 Pinole Valley Road, Pinole, CA.*
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- Potter, T.L. and K.E. Simmons, 1998. *Composition of Petroleum Mixtures. TPHCWG Series, Vol. 2* Amherst Scientific Publishers, MA.
- San Francisco Bay Regional Water Quality Control Board, February 2016. *Tier 1 Environmental Screening Levels.*
- San Francisco Bay Regional Water Quality Control Board, June 30, 2016. *Approval of Offsite Remedial Investigation Workplan and Requirement for a Technical Report, Atlantic Richfield Company Station No. 6228, 2747 Pinole Valley Road, Pinole, California..*
- State Water Resources Control Board, 2012. *Low-Threat Underground Storage Tank Case Closure Policy, August 17.*

DRAWINGS

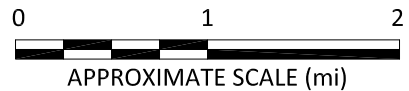
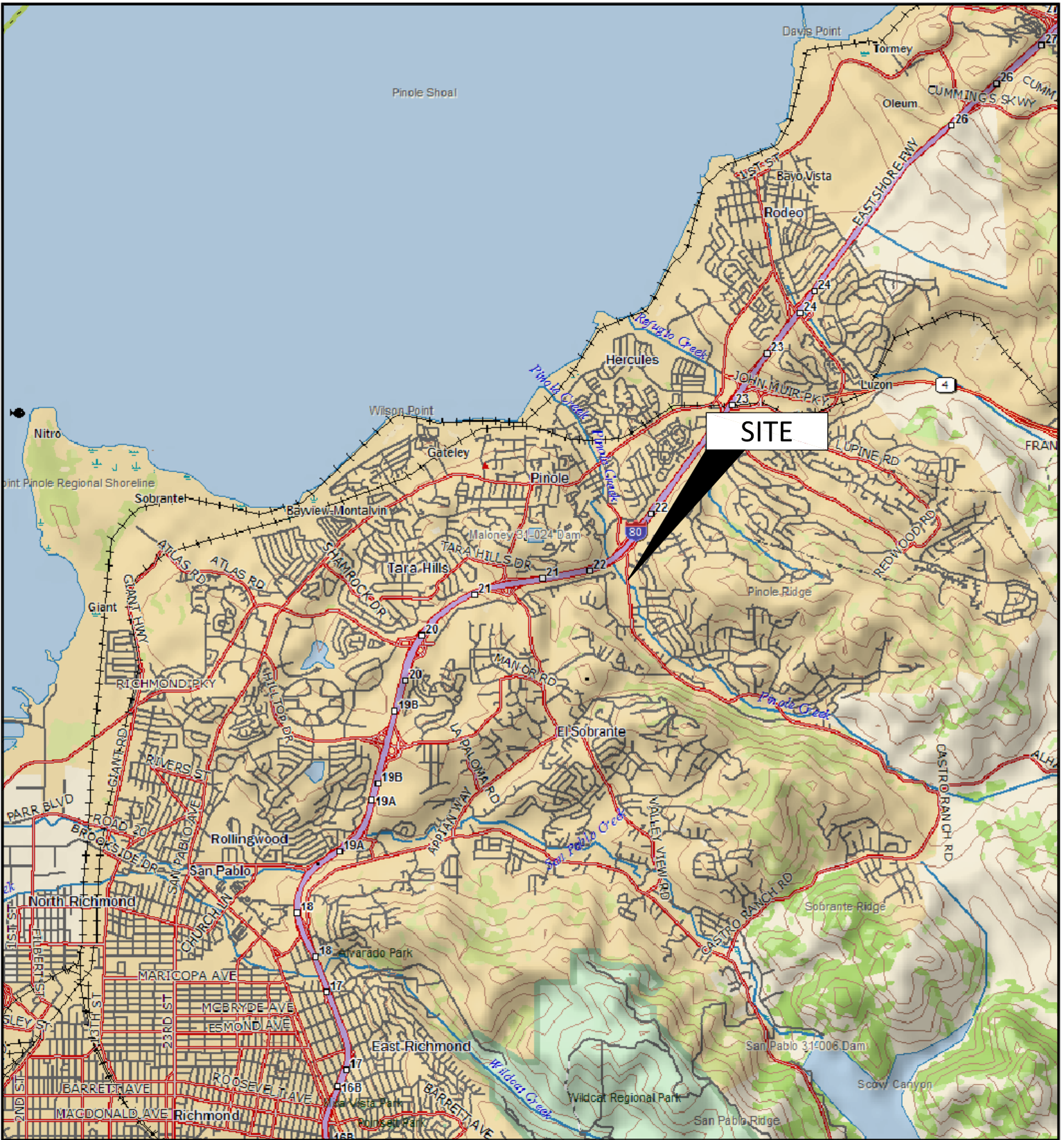


IMAGE SOURCE: DELORME



1370 Ridgewood Drive, Suite 5
Chico, California 95973

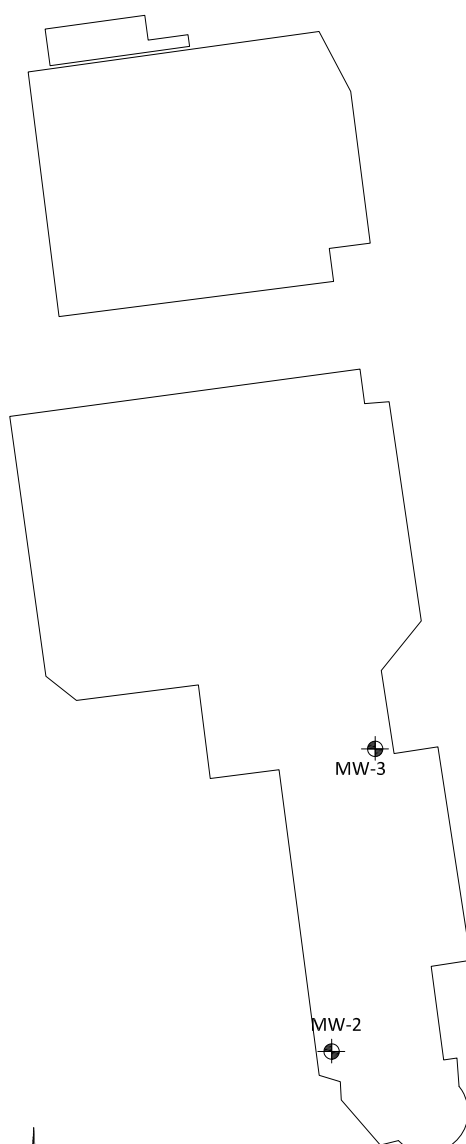
Project No.: 09-88-709 Date: 9/22/2016

ARCO Service Station #6228
2747 Pinole Valley Road
Pinole, California

Site Location Map

Drawing

1



PINOLE VALLEY SHOPPING CENTER PARKING LOT

PINOLE VALLEY ROAD

LEGEND

- ⊕ Monitoring Well Location
- ⊗ Extraction Well Location
- Soil Boring Location
- × Proposed Soil Boring Location
- ⊕ Tank Backfill Well Location
- Product Piping Upgrade Soil Sample Location (1998)
- ⊙ UST / Piping Upgrade Soil Sample Location (2000)
- Piping Trench
- ⊕ Former Pinole Valley Beacon Monitoring Wells

NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



MW-5

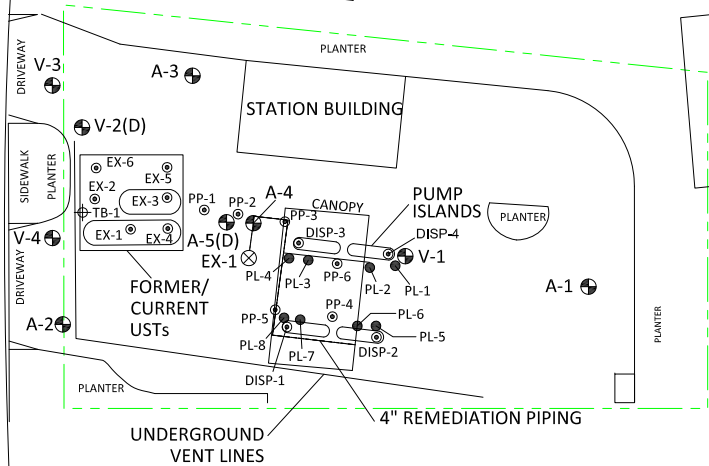


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ARCO Service Station #6228
2747 Pinole Valley Road
Pinole, California

Site Map with Offsite Soil Boring Locations

Drawing
2



STATION BUILDING

PUMP ISLANDS

FORMER/CURRENT USTs

UNDERGROUND VENT LINES

4" REMEDIATION PIPING

A-7
45.69*
89
<0.50
<0.50

V-3
49.08
NS
NS
NS

A-6
42.32
59
<0.50
2.2

V-2(D)
54.97
NS
NS
NS

A-3
10.64*
160
<0.50
<0.50

A-5(D)
8.80*
NS
NS
NS

A-4
56.18
1,400
<0.50
2.0

V-4
53.13
NS
NS
NS

A-2
52.19
<50
<0.50
3.1

EX-1
54.84
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NS
NS

V-1
53.31
NS
NS
NS

A-1
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<0.50

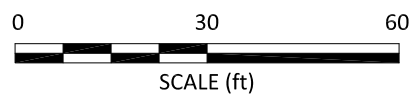
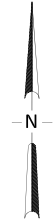
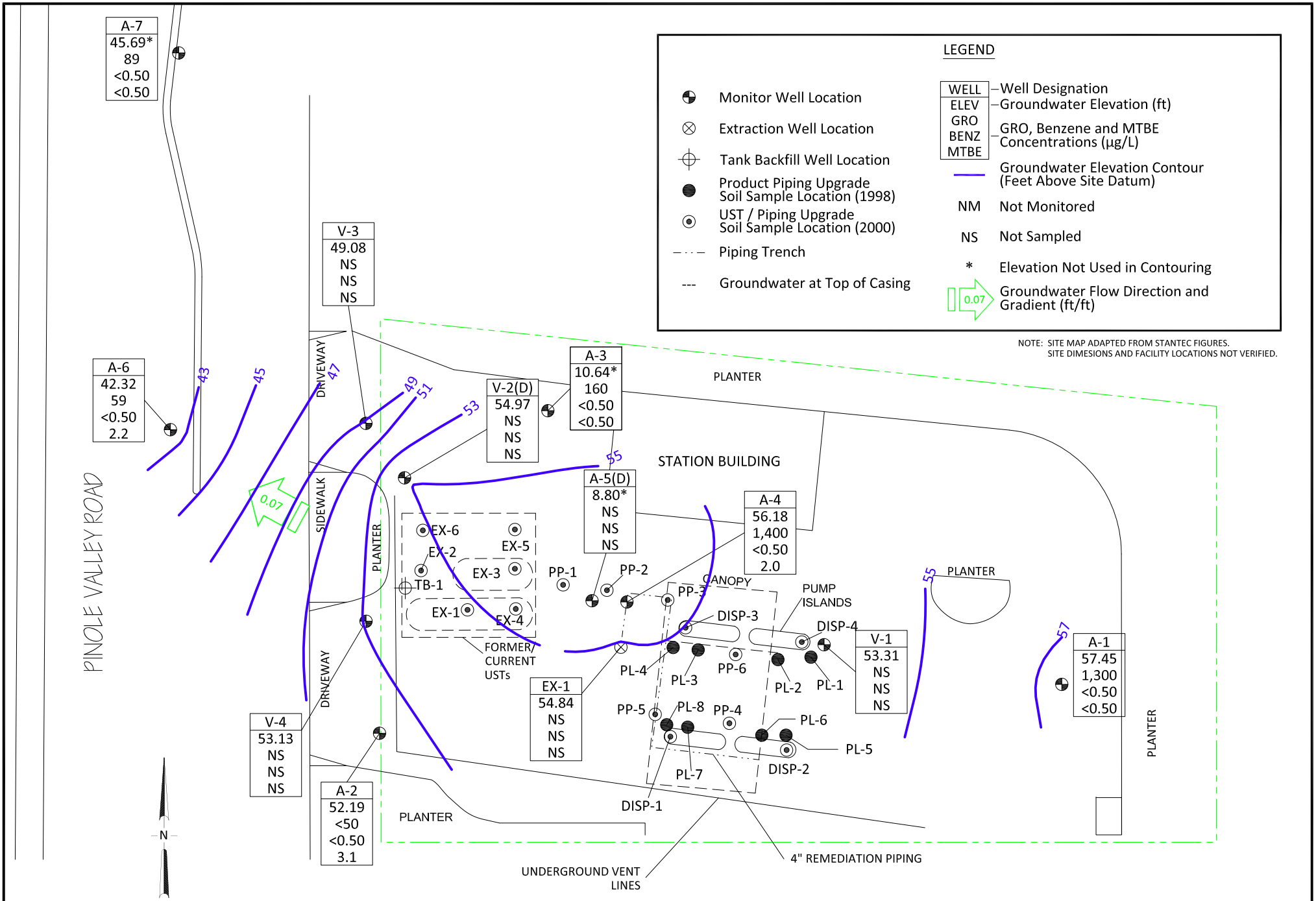
LEGEND

- Monitor Well Location
- Extraction Well Location
- Tank Backfill Well Location
- Product Piping Upgrade Soil Sample Location (1998)
- UST / Piping Upgrade Soil Sample Location (2000)
- Piping Trench
- Groundwater at Top of Casing

WELL	Well Designation
ELEV	Groundwater Elevation (ft)
GRO	GRO, Benzene and MTBE Concentrations (µg/L)
BENZ	
MTBE	

- Groundwater Elevation Contour (Feet Above Site Datum)
- NM Not Monitored
- NS Not Sampled
- * Elevation Not Used in Contouring
- Groundwater Flow Direction and Gradient (ft/ft)

NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



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ARCO Service Station #6228
 2747 Pinole Valley Road
 Pinole, California

Groundwater Elevation Contour and
 Analytical Summary Map
 January 19, 2017

Drawing
3

TABLES

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Sample ID*	Sample Depth (ft. bgs)	Date Collected	GRO □□g/L	DRO □□g/L	Benzene □□g/L	Toluene □□g/L	Ethylbenzene □□g/L	Xylenes □□g/L	MTBE □□g/L
SB-1	20	1/24/2017	<50	330¹	<0.50	<0.50	<0.50	<1.0	<0.50
SB-2	20	1/25/2017	<50	360	<0.50	1.2	0.54	5.9	1.3
SB-3	50	1/25/2017	140	6,000	0.87	2.0	<0.50	3.1	<0.50
ESLs	--	--	100	100	1.00	40	13.0	20	5

Abbreviations & Symbols:

Bolded concentrations exceed their respective ESL.

* = See Drawing 2 for soil boring locations.

¹ Sample was prepped beyond the specified holding time

-- = Not applicable or available

GRO: Gasoline range organics.

TestAmerica.: GRO (C6-C12)

DRO: Diesel Range Organics

TestAmerica.: DRO (C10-C28)

GRO and DRO analyzed using EPA method 8015B

TBA = Tert-butyl alcohol

TAME = Tert-amyl methyl ether

Benzene, Toluene, Ethylbenzene, Total Xylenes, MTBE, TBA and TAME analyzed using EPA method 8260B.

µg/L = Micrograms per liter.

ESLs = Tier 1 Environmental Screening Levels based on a generic conceptual site model designed for use at most sites (San Francisco Bay Regional Water Quality Control Board, February 2016).

bgs = Below ground surface

Notes:

1,2-dibromoethane (EDB), 1,2-dichloroethane (1,2 DCA), Di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), naphthalene, and ethanol were not detected at or above their respective laboratory reporting limit.

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-1															
9/4/1998	--	53.02	6.64	Sheen	46.38	--	--	--	--	--	--	--	2.1	--	
12/18/1998	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		--	Sheen	--	--	--	--	--	--	--	--	1.4	--	
7/2/1999	--		20.24	0.02	32.80	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		15.08	Sheen	37.94	--	--	--	--	--	--	--	--	--	
1/3/2000	--		12.28	Sheen	40.74	--	--	--	--	--	--	--	0.9	--	
4/1/2000	--		0.02	Sheen	53.00	--	--	--	--	--	--	--	--	--	
6/22/2000	--		0.26	0.01	52.77	--	--	--	--	--	--	--	1.2	--	SPH
8/17/2000	--		0.05	0.01	52.98	--	--	--	--	--	--	--	0.3	--	SPH
11/21/2000	--		--	--	--	--	4,100	450	<10	100	<10	<50	0.4	--	
3/7/2001	--		--	--	--	--	15,000	1,400	<20	640	<20	<100	0.6	--	
5/1/2001	--		--	--	--	--	18,000	1,400	<25	590	32	<125	--	--	
8/14/2001	--		--	--	--	--	12,000	1,100	<10	600	20	<50	0.3	--	
10/9/2001	--		--	--	--	--	39,000	1,300	<10	710	35	<50	0.4	--	
1/18/2002	--	69.36	--	--	--	--	7,000	940	<50	440	<50	<250	0.4	--	
4/5/2002	--		--	--	--	--	8,300	1,200	<12	620	<12	<62	0.6	--	
8/8/2002	--		4.49	0.00	64.87	--	18,000 N	2,700	<50	1,500	240	<250	6.2	--	
10/31/2002	--		28.89	0.00	40.47	--	16,000	2,500	<100	1,600	250	<500	2.0	--	
2/18/2003	--		0.05	0.00	69.31	--	54,000	1,000	150	3,600	5,400	<50	3.6	--	
5/22/2003	--		--	--	--	--	24,000	2,300	59	1,700	480	<25	1.2	--	Artesian well, water at TOC
8/7/2003	--		26.79	0.00	42.57	--	26,000	2,000	29	1,600	600	<25	9.2	--	
11/24/2003	--		30.73	0.00	38.63	59,000	35,000	2,100	<25	1,400	230	<25	3.4	--	
2/3/2004	--		37.12	Sheen	32.24	180,000	24,000	2,600	<50	1,600	1,100	<50	3.6	--	
5/6/2004	--	57.49	--	Sheen	--	82,000	72,000	1,900	<250	3,200	2,400	<250	0.2	--	Resurveyed 3/11/04
7/30/2004	--		39.30	0.05	18.23	86,000	64,000	640	<250	900	4,500	<250	--	--	SPH
11/11/2004	--		--	--	--	380,000	83,000	2,200	<250	2,500	1,900	<250	0.9	--	
2/21/2005	--		--	Sheen	--	110,000	27,000	2,200	<50	1,500	370	<50	1.2	--	
6/2/2005	--		27.24	Sheen	30.25	19,000 N	29,000	2,400	<100	1,600	790	<100	1.4	--	
8/4/2005	--		37.97	Sheen	19.52	63,000 N	45,000	2,600	150	1,400	2,100	<50	1.8	--	
11/23/2005	--		--	Sheen	--	--	25,000	890	170	840	2,700	<25	1.0	--	Artesian well, water at TOC

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-1 Cont.															
12/2/2005	--	57.49	--	--	--	77,000 N	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/13/2006	--		--	Sheen	--	44,000 N	34,000	740	240	840	3,500	<50	1.8	--	
5/16/2006	--		--	--	--	--	19,000	1,600	<25	1,200	600	<25	1.6	--	
9/5/2006	--		30.21	0.00	27.28	280,000	20,000	1,200	170	810	2,300	<25	1.1	--	
12/6/2006	--		0.05	0.00	57.44	72,000	18,000	500	180	470	2,700	<25	7.3	--	
2/26/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
5/29/2007	--		2.59	0.01	54.91	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		4.69	0.00	52.80	140,000 N	30,000	92	<5.0	91	110	<5.0	0.7	--	
11/29/2007	--		30.65	0.04	26.87	--	--	--	--	--	--	--	--	--	SPH
3/28/2008	--		24.05	0.00	33.44	10,000 N	41,000	<50	<50	<50	110	<50	1.3	--	
6/19/2008	--		35.14	0.39	22.64	--	--	--	--	--	--	--	--	--	SPH
9/18/2008	--		30.71	0.04	26.81	--	--	--	--	--	--	--	--	--	SPH
12/4/2008	--		27.10	0.00	30.39	67,000 N	1,300 N	<50	<50	110	1,800	<50	1.7	--	
3/2/2009	--		30.95	0.00	26.54	53,000	250,000	59	76	430	5,100	<50	1.2	--	
6/2/2009	--		28.40	0.00	29.09	23,000	28,000	22	27	150	2,000	<20	1.3	--	
9/11/2009	--		26.30	0.00	31.19	35,000 N	31,000	15	16	76	1,200	<10	1.2	--	
3/26/2010	P		23.92	0.00	33.57	26,000	24,000	9.9	9.1	52	330	<2.5	0.63	6.79	LX (DRO)
9/28/2010	P		4.13	Sheen	53.36	10,000	19,000	8.3	<5.0	6.4	<5.0	<5.0	0.43	6.52	DF, LW, LX
2/16/2011	--		10.56	0.01	46.94	--	--	--	--	--	--	--	--	--	b, SPH
8/2/2011	--		9.60	Sheen	47.89	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	SPH
8/29/2012	--		9.81	0.02	47.70	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		8.08	Sheen	49.41	--	--	--	--	--	--	--	--	--	
8/29/2013	--		8.16	Sheen	49.33	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		6.30	Sheen	51.19	--	--	--	--	--	--	--	--	--	SPH
8/29/2014	--		6.21	Sheen	51.28	--	--	--	--	--	--	--	--	--	
2/17/2015	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	c
9/29/2015	P		1.93	Sheen	55.56	2,900	1,500	<0.50	<0.50	<0.50	<1.0	<0.50	0.26	7.14	
2/18/2016	P		--	--	--	3,000	1,700	0.54	<0.50	<0.50	<1.0	<0.50	10.44	7.47	c, g
8/30/2016	P		1.09	0.00	56.40	--	880	<0.50	<0.50	<0.50	<1.0	<0.50	3.32	7.40	h

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-1 Cont.															
1/19/2017	P	57.49	0.04	0.00	57.45	2,400	1,300	<0.50	<0.50	<0.50	<1.0	<0.50	2.01	6.98	
A-2															
9/4/1998	--	50.27	5.10	Sheen	45.17	--	--	--	--	--	--	--	1.9	--	
12/18/1998	--		3.34	0.10	47.01	--	--	--	--	--	--	--	--	--	SPH
3/18/1999	--		3.18	Sheen	47.09	--	--	--	--	--	--	--	2.3	--	SPH
7/2/1999	--		6.30	0.01	43.98	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		5.63	Sheen	44.64	--	--	--	--	--	--	--	--	--	
1/3/2000	--		6.51	Sheen	43.76	--	--	--	--	--	--	--	1.3	--	
4/1/2000	--		3.81	Sheen	46.46	--	--	--	--	--	--	--	--	--	
6/22/2000	--		3.93	0.01	46.35	--	--	--	--	--	--	--	2.1	--	SPH
8/17/2000	--		2.40	0.01	47.88	--	--	--	--	--	--	--	0.3	--	SPH
11/21/2000	--		1.57	0.00	48.70	--	540,000	2,500	26,000	7,900	16,000	18,000	0.6	--	
11/21/2000	--		1.57	0.00	48.70	--	750,000	2,000	19,000	5,300	34,000	14,000	--	--	DUP
3/7/2001	--		1.03	0.00	49.24	--	<50	<0.50	<0.50	<0.50	0.61	5.8	0.4	--	
3/7/2001	--		1.03	0.00	49.24	--	<50	<0.50	<0.50	<0.50	<0.50	5.2	--	--	DUP
5/1/2001	--		1.90	0.00	48.37	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
8/14/2001	--		1.94	0.00	48.33	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.5	--	
8/14/2001	--		1.94	0.00	48.33	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	DUP
10/9/2001	--		1.99	0.00	48.28	--	<50	<0.50	<0.50	<0.50	0.88	<2.5	0.5	--	
10/9/2001	--		1.99	0.00	48.28	--	<50	<0.50	<0.50	<0.50	0.77	<2.5	--	--	DUP
1/18/2002	--	66.58	1.01	0.00	65.57	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.5	--	
1/18/2002	--		1.01	0.00	65.57	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	DUP
4/5/2002	--		1.19	0.00	65.39	--	<50	<0.50	<0.50	<0.50	<0.50	3.9	0.4	--	
4/5/2002	--		1.19	0.00	65.39	--	<50	<0.50	<0.50	<0.50	<0.50	7.0	--	--	DUP
8/8/2002	--		4.14	0.00	62.44	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.7	--	
10/31/2002	--		6.50	0.00	60.08	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2	--	
2/18/2003	--		2.45	0.00	64.13	--	<50	<0.50	<0.50	<0.50	0.83	<0.50	2.6	--	Past hold time
5/22/2003	--		4.60	0.00	61.98	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	--	
8/7/2003	--		5.56	0.00	61.02	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.0	--	
11/24/2003	--		2.98	0.00	63.60	270	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.6	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-2 Cont.															
2/3/2004	--	66.58	--	--	--	640	360	1.7	7.6	9.2	47	<0.50	3.1	--	
5/6/2004	--	54.74	2.33	0.00	52.41	160	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	--	Resurveyed 3/11/04
8/6/2004	--		5.70	0.00	49.04	260	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
11/11/2004	--		4.10	0.00	50.64	39,000	59	<0.50	<0.50	<0.50	2.2	<0.50	0.8	--	
2/21/2005	--		10.18	0.00	44.56	150	<50	0.50	<0.50	<0.50	<0.50	<0.50	3.6	--	
6/2/2005	--		11.18	0.00	43.56	66 N	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	--	
8/4/2005	--		5.75	0.00	48.99	96 N	61	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	--	
11/23/2005	--		7.78	0.00	46.96	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	--	
12/2/2005	--		10.61	0.00	44.13	80 N	--	--	--	--	--	--	--	--	
2/13/2006	--		2.80	0.00	51.94	950 N	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
5/16/2006	--		2.42	0.00	52.32	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
9/5/2006	--		5.80	0.00	48.94	210	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	--	
12/6/2006	--		6.02	0.00	48.72	880	<50	<0.50	<0.50	<0.50	1.4	<0.50	7.0	--	
2/26/2007	--		7.31	0.00	47.43	<47	77	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	--	
5/29/2007	--		7.21	0.00	47.53	<48	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.0	--	
8/22/2007	--		6.85	0.00	47.89	920 N	<50	<0.50	<0.50	<0.50	0.64	<0.50	1.7	--	
11/29/2007	--		5.61	0.00	49.13	58 N	<50	<0.50	<0.50	<0.50	0.68	<0.50	2.0	--	
3/28/2008	--		3.11	0.00	51.63	<50	300	<0.50	<0.50	<0.50	<0.50	0.85	1.4	--	
6/19/2008	--		6.70	0.00	48.04	<50	<50	<0.50	<0.50	<0.50	<0.50	0.74	1.4	--	
9/18/2008	--		7.47	0.00	47.27	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	1.3	--	
12/4/2008	--		6.69	0.00	48.05	<50	<50	<0.50	<0.50	<0.50	<0.50	0.68	1.3	--	
3/2/2009	--		3.25	0.00	51.49	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	1.2	--	
6/2/2009	--		4.60	0.00	50.14	<50	78	<0.50	<0.50	<0.50	<0.50	1.3	1.3	--	
9/11/2009	--		6.85	0.00	47.89	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	1.2	--	
3/26/2010	P		5.61	0.00	49.13	<50	<50	<0.50	<0.50	<0.50	<0.50	1.5	1.21	6.84	
9/28/2010	P		7.82	0.00	46.92	57	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.37	6.47	
2/16/2011	P		5.33	0.00	49.41	140	<50	<0.50	<0.50	<0.50	<0.50	2.0	0.75	7.80	LX
8/2/2011	P		3.25	0.00	51.49	<50	<50	<0.50	<0.50	<0.50	<0.50	3.1	0.44	7.0	
2/9/2012	P		6.09	0.00	48.65	<50	<50	<0.50	<0.50	<0.50	<0.50	2.5	0.60	6.7	
8/29/2012	P		6.31	0.00	48.43	110	<50	<0.50	<0.50	<0.50	<1.0	2.8	1.23	7.23	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-2 Cont.															
3/25/2013	P	54.74	3.61	0.00	51.13	58	<50	<0.50	<0.50	<0.50	<1.0	2.4	1.28	7.43	
8/29/2013	P		6.54	0.00	48.20	53	<50	<0.50	<0.50	<0.50	<1.0	2.8	3.96	7.10	
2/26/2014	P		8.58	0.00	46.16	<55/<55	<50	<0.50	<0.50	<0.50	<1.0	3.0	1.41	6.91	f
8/29/2014	P		6.54	0.00	48.20	<50	<50	<0.50	<0.50	<0.50	<1.0	2.6	0.18	6.56	
2/17/2015	P		6.31	0.00	48.43	<54	<50	<0.50	<0.50	<0.50	<1.0	3.3	1.72	6.58	
9/29/2015	P		6.60	0.00	48.14	<50	<50	<0.50	<0.50	<0.50	<1.0	2.8	0.27	7.08	
2/18/2016	P		3.66	0.00	51.08	63	<50	<0.50	<0.50	<0.50	<1.0	3.3	0.32	7.35	
8/30/2016	P		5.40	0.00	49.34	--	<50	<0.50	<0.50	<0.50	<1.0	3.3	0.23	7.45	h
1/19/2017	P		2.55	0.00	52.19	57	<50	<0.50	<0.50	<0.50	<1.0	3.1	7.90	7.07	
A-3															
9/4/1998	--	51.44	28.28	Sheen	23.16	--	--	--	--	--	--	--	2.4	--	
12/18/1998	--		27.70	Sheen	23.74	--	--	--	--	--	--	--	--	--	
3/18/1999	--		35.64	Sheen	15.80	--	--	--	--	--	--	--	1.5	--	
7/2/1999	--		33.32	0.01	18.13	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		32.75	Sheen	18.69	--	--	--	--	--	--	--	--	--	
1/3/2000	--		31.38	Sheen	20.06	--	--	--	--	--	--	--	1.2	--	
4/1/2000	--		32.92	Sheen	18.52	--	--	--	--	--	--	--	--	--	
6/22/2000	--		32.20	0.00	19.24	--	7,800	2,000	<50	390	390	<250	1.3	--	NP
8/17/2000	--		31.58	0.09	19.93	--	--	--	--	--	--	--	0.7	--	SPH
11/21/2000	--		29.19	0.09	22.32	--	--	--	--	--	--	--	0.6	--	SPH
3/7/2001	--		28.07	0.16	23.49	--	--	--	--	--	--	--	0.5	--	SPH
5/1/2001	--		12.70	0.19	38.88	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		12.78	0.35	38.92	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		12.75	0.46	39.04	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	67.76	11.95	0.85	56.45	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		12.13	1.15	56.49	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		8.36	0.00	59.40	--	460	28	1.4	19	3.4	6.5	3.8	--	
10/31/2002	--		39.45	0.00	28.31	--	770	36	3.8	33	12	13	2.0	--	
2/18/2003	--		45.32	0.00	22.44	--	830	10	0.70	11	9.0	<0.50	2.2	--	
5/22/2003	--		50.41	0.00	17.35	--	400	<0.50	<0.50	3.0	1.7	<0.50	1.1	--	Past hold time

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
8/7/2003	--	67.76	49.71	0.00	18.05	--	690	10	<0.50	13	39	<0.50	1.2	--	
11/24/2003	--		50.58	0.00	17.18	4,500	710	3.4	0.76	6.3	9.0	<0.50	1.6	--	
2/3/2004	--		48.20	Sheen	19.56	5,600	1,000	7.5	20	18	64	<0.50	1.9	--	
5/6/2004	--	55.92	51.51	Sheen	4.41	2,000	750	0.51	<0.50	2.4	13	<0.50	0.2	--	Resurveyed 3/11/04
8/6/2004	--		54.30	0.00	1.62	--	--	--	--	--	--	--	--	--	Dry
11/11/2004	--		51.80	0.02	4.14	--	--	--	--	--	--	--	--	--	SPH
2/21/2005	--		49.97	0.00	5.95	4,500	650	0.88	0.54	3.4	7.1	<0.50	1.3	--	
6/2/2005	--		50.50	0.00	5.42	--	360	0.96	<0.50	1.3	3.4	<0.50	3.1	--	Very little water
8/4/2005	--		52.13	0.00	3.79	1,500 N	340	<0.50	<0.50	1.4	16	<0.50	--	--	
11/23/2005	--		51.78	0.00	4.14	--	700	<0.50	<0.50	1.2	5.4	<0.50	1.4	--	
12/2/2005	--		52.55	0.00	3.37	1,400 N	--	--	--	--	--	--	--	--	
2/13/2006	--		51.90	0.00	4.02	1,100 N	730	<0.50	<0.50	1.1	3.8	<0.50	1.4	--	
5/16/2006	--		49.56	0.00	6.36	--	1,000	1.2	11	3.4	31	<0.50	1.3	--	
9/5/2006	--		51.67	0.00	4.25	--	600	0.82	<0.50	0.78	2.0	<0.50	1.2	--	
10/31/2006	--		53.62	0.01	2.31	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		53.50	0.00	2.42	--	--	--	--	--	--	--	--	--	NS
12/6/2006	--		53.24	0.00	2.68	710	530	<0.50	<0.50	<0.50	2.2	<0.50	--	--	
1/30/2007	--		53.46	0.01	2.47	--	--	--	--	--	--	--	--	--	SPH
2/26/2007	--		53.17	0.00	2.75	740	500	1.1	<0.50	<0.50	1.4	<0.50	--	--	
4/20/2007	--		53.31	0.00	2.61	--	--	--	--	--	--	--	--	--	NS
5/29/2007	--		52.88	0.00	3.04	560 N	520	2.5	<0.50	1.4	2.1	<0.50	2.1	--	
6/29/2007	--		53.66	0.00	2.26	--	--	--	--	--	--	--	--	--	
7/20/2007	--		53.41	0.01	2.52	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		53.08	0.00	2.84	--	460	1.1	<0.50	0.61	2.2	<0.50	0.8	--	NP, Insufficient water
9/19/2007	--		53.32	0.00	2.60	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		53.00	0.00	2.92	--	--	--	--	--	--	--	--	--	
11/29/2007	--		52.57	0.00	3.35	--	560	4.2	<0.50	1.8	6.4	<0.50	1.9	--	
2/15/2008	--		52.98	0.00	2.94	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		52.85	0.00	3.07	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		52.58	0.00	3.34	880 N	770	1.8	<0.50	0.52	3.0	<0.50	--	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
4/16/2008	--	55.92	53.94	0.00	1.98	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		53.54	0.00	2.38	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		53.24	0.00	2.68	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		53.23	0.00	2.69	1,600	680	<2.5	<2.5	<2.5	3.0	<2.5	1.8	--	
7/16/2008	--		53.92	0.00	2.00	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		53.45	0.00	2.47	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		53.28	Sheen	2.64	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		53.28	0.00	2.64	1,700 N	530	<1.0	<1.0	<1.0	5.6	<1.0	1.6	--	
10/14/2008	--		53.80	0.00	2.12	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		53.40	0.00	2.52	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		53.28	0.00	2.64	1,500 N	700	<2.5	<2.5	<2.5	<2.5	<2.5	1.6	--	
1/14/2009	--		53.34	0.00	2.58	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		53.10	0.00	2.82	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		52.76	0.00	3.16	460	510	<2.5	<2.5	<2.5	<2.5	<2.5	1.5	--	
3/3/2009	--		53.55	0.00	2.37	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		53.15	0.00	2.77	490	680	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	NSP
5/29/2009	--		52.59	0.00	3.33	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		52.51	0.00	3.41	490	680	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	--	
6/12/2009	--		53.84	0.00	2.08	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		53.30	0.00	2.62	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		52.82	0.00	3.10	1,000	560	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	--	
3/26/2010	P		51.56	0.00	4.36	1,700	770	<1.0	<1.0	<1.0	<1.0	<1.0	1.93	7.14	LX (DRO)
9/28/2010	NP		51.48	0.00	4.44	2,000	920	<1.0	<1.0	<1.0	1.4	<1.0	--	7.10	LW, LX
2/16/2011	P		50.92	0.00	5.00	2,500	990	<1.0	4.4	2.3	35	<1.0	0.93	--	LX, LW, PD
8/2/2011	P		50.90	0.00	5.02	1,100	530	<1.0	<1.0	<1.0	<1.0	<1.0	1.49	7.3	LX, LW
2/9/2012	P		52.18	0.00	3.74	990	240	<1.0	<1.0	<1.0	<1.0	<1.0	0.41	7.4	LX, LW
8/29/2012	P		51.03	0.00	4.89	1,300	430	<0.50	<0.50	<0.50	<1.0	<0.50	1.48	7.78	
3/25/2013	NP		51.49	0.00	4.43	1,500	340	<0.50	<0.50	<0.50	<1.0	<0.50	2.49	7.78	
8/29/2013	NP		50.71	0.00	5.21	1,100	270	<0.50	<0.50	<0.50	<1.0	<0.50	6.52	7.87	e
2/26/2014	P		50.19	0.00	5.73	920/450	270	<0.50	<0.50	<0.50	<1.0	<0.50	1.29	7.08	f

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
8/29/2014	P	55.92	49.89	0.00	6.03	600	200	<0.50	<0.50	<0.50	<1.0	<0.50	0.19	7.08	
2/17/2015	P		48.21	0.00	7.71	660	210	<0.50	<0.50	<0.50	<1.0	<0.50	1.80	6.48	
9/29/2015	P		47.10	0.00	8.82	420	170	<0.50	<0.50	<0.50	<1.0	<0.50	7.74	7.88	
2/18/2016	P		46.24	0.00	9.68	800	310	<0.50	<0.50	<0.50	<1.0	<0.50	0.06	7.59	
8/30/2016	P		45.01	0.00	10.91	--	130	<0.50	<0.50	<0.50	1.7	<0.50	0.00	7.68	h
1/19/2017	P		45.28	0.00	10.64	370	160	<0.50	<0.50	<0.50	1.9	<0.50	0.06	7.20	
A-4															
9/4/1998	--	51.54	7.62	Sheen	43.92	--	--	--	--	--	--	--	2.0	--	
12/18/1998	--		1.46	Sheen	50.08	--	--	--	--	--	--	--	--	--	
3/18/1999	--		19.35	Sheen	32.19	--	--	--	--	--	--	--	1.6	--	
7/2/1999	--		9.13	0.18	42.55	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		14.98	Sheen	36.56	--	--	--	--	--	--	--	--	--	
1/3/2000	--		3.09	Sheen	48.45	--	--	--	--	--	--	--	0.8	--	
4/1/2000	--		2.56	Sheen	48.98	--	--	--	--	--	--	--	--	--	
6/22/2000	--		1.95	0.01	49.60	--	--	--	--	--	--	--	0.6	--	SPH
8/17/2000	--		4.74	0.05	46.84	--	--	--	--	--	--	--	0.6	--	SPH
11/21/2000	--		2.93	0.08	48.67	--	--	--	--	--	--	--	0.7	--	SPH
3/7/2001	--		1.87	0.18	49.81	--	--	--	--	--	--	--	0.5	--	SPH
5/1/2001	--		1.50	0.08	50.10	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		1.63	0.14	50.02	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		1.69	0.45	50.19	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	67.83	1.75	0.61	66.54	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		1.53	0.28	66.51	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		2.73	0.00	65.10	--	87,000 N	2,900	370	2,500	13,000	<500	3.6	--	
10/31/2002	--		4.59	0.19	63.38	--	--	--	--	--	--	--	--	--	SPH
2/18/2003	--		4.19	0.00	63.64	--	69,000	2,700	<250	1,800	2,500	390	2.9	--	Past hold time
5/22/2003	--		5.59	0.06	62.29	--	--	--	--	--	--	--	--	--	SPH
8/7/2003	--		6.00	0.02	61.85	--	--	--	--	--	--	--	--	--	SPH
11/24/2003	--		1.40	0.02	66.45	--	--	--	--	--	--	--	--	--	SPH
2/3/2004	--		3.47	Sheen	64.36	--	--	--	--	--	--	--	--	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
5/6/2004	--	56.23	--	Sheen	--	410,000	75,000	2,200	1,200	2,500	10,000	<250	0.2	--	Resurveyed 3/11/04
8/6/2004	--		33.30	0.00	22.93	--	--	--	--	--	--	--	0.9	--	
11/11/2004	--		23.63	0.00	32.60	130,000	53,000	2,700	760	1,400	8,300	<250	0.9	--	
2/21/2005	--		9.53	Sheen	46.70	160,000	110,000	2,400	<250	1,500	9,100	<250	0.1	--	
6/2/2005	--		7.86	0.01	48.38	--	--	--	--	--	--	--	--	--	SPH
8/4/2005	--		7.98	0.03	48.27	--	--	--	--	--	--	--	--	--	SPH
11/23/2005	--		6.99	0.02	49.26	--	--	--	--	--	--	--	--	--	SPH
2/13/2006	--		20.98	Sheen	35.25	49,000 N	16,000	240	<50	770	1,100	<50	1.2	--	
5/16/2006	--		1.22	0.00	55.01	--	27,000	260	17	1,300	1,400	22	1.0	--	
9/5/2006	--		5.85	0.02	50.40	--	--	--	--	--	--	--	--	--	SPH
10/31/2006	--		6.91	0.01	49.33	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		7.81	Sheen	48.42	--	--	--	--	--	--	--	--	--	
12/6/2006	--		1.82	0.00	54.41	57,000	25,000	16	<10	350	22	30	7.4	--	
1/30/2007	--		0.00	0.00	56.23	--	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/26/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
4/20/2007	--		7.80	0.00	48.43	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		4.03	0.00	52.20	13,000 N	6,900	9.4	<5.0	500	400	24	2.0	--	
6/29/2007	--		8.34	0.00	47.89	--	--	--	--	--	--	--	--	--	NSP
7/20/2007	--		6.10	0.01	50.14	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		5.57	0.00	50.66	59,000 N	14,000	200	<5.0	890	320	27	0.4	--	
9/19/2007	--		13.56	0.00	42.67	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		7.22	0.00	49.01	--	--	--	--	--	--	--	--	--	
11/29/2007	--		8.88	0.00	47.35	67,000 N	22,000	240	70	1,100	960	25	0.8	--	
2/15/2008	--		14.42	0.02	41.83	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		11.25	0.02	45.00	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		11.00	0.02	45.25	--	--	--	--	--	--	--	--	--	SPH
4/16/2008	--		12.00	Sheen	44.23	--	--	--	--	--	--	--	--	--	NSP, Oily material bailed
5/20/2008	--		11.85	0.01	44.39	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		9.02	0.02	47.23	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		13.22	0.00	43.01	70,000	130,000	<500	<500	1,300	1,100	<500	1.7	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
7/16/2008	--	56.23	17.93	0.03	38.32	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		11.67	0.04	44.59	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		12.54	0.02	43.71	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		15.22	0.02	41.03	--	--	--	--	--	--	--	--	--	SPH
10/14/2008	--		14.68	0.01	41.56	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		10.59	0.03	45.66	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		10.52	0.02	45.73	--	--	--	--	--	--	--	--	--	SPH
12/18/2008	--		14.68	0.01	41.56	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		9.60	Sheen	46.63	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		9.45	0.00	46.78	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		13.22	0.02	43.03	--	--	--	--	--	--	--	0.6	--	SPH
3/3/2009	--		12.65	Sheen	43.58	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		9.28	0.00	46.95	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		7.90	0.01	48.34	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		8.56	Sheen	47.67	--	--	--	--	--	--	--	--	--	SPH
6/12/2009	--		7.83	Sheen	48.40	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		15.94	0.01	40.30	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		14.04	0.01	42.20	--	--	--	--	--	--	--	--	--	SPH
3/26/2010	--		5.49	0.01	50.75	--	--	--	--	--	--	--	--	--	b, SPH
9/28/2010	--		4.44	0.01	51.80	--	--	--	--	--	--	--	--	--	b, SPH
2/16/2011	P		5.38	0.00	50.85	44,000	23,000	71	<2.5	25	46	21	0.81	7.35	LX, LW
8/2/2011	--		8.20	0.13	48.13	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		2.64	Sheen	53.59	--	--	--	--	--	--	--	--	--	SPH
8/29/2012	--		6.32	0.01	49.92	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		6.81	Sheen	49.42	--	--	--	--	--	--	--	--	--	
8/29/2013	--		5.84	Sheen	50.39	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		6.08	Sheen	50.15	--	--	--	--	--	--	--	--	--	SPH
8/29/2014	--		5.10	Sheen	51.13	--	--	--	--	--	--	--	--	--	
2/17/2015	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	c
9/29/2015	P		3.19	Sheen	53.04	620	1,600	0.80	<0.50	0.62	<1.0	4.4	0.37	7.05	

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ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
2/18/2016	P	56.23	--	--	--	4,700	2,000	0.70	<0.50	1.4	<1.0	3.2	1.37	7.26	c
8/30/2016	P		2.76	0.00	53.47	--	12,000	0.65	<0.50	0.53	<1.0	3.4	0.20	7.41	h
1/19/2017	P		0.05	0.00	56.18	2,100	1,400	<0.50	<0.50	0.66	<1.0	2.0	0.28	6.93	
A-5															
9/4/1998	--	NS	72.71	Sheen	--	--	--	--	--	--	--	--	2.7	--	
12/18/1998	--		66.94	1.78	--	--	--	--	--	--	--	--	--	--	SPH
3/18/1999	--		69.62	0.15	--	--	--	--	--	--	--	--	1.4	--	SPH
7/2/1999	--		69.76	0.12	--	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		68.72	0.28	--	--	--	--	--	--	--	--	--	--	SPH
1/3/2000	--		68.39	0.30	--	--	--	--	--	--	--	--	0.9	--	SPH
4/1/2000	--		68.97	Sheen	--	--	--	--	--	--	--	--	--	--	
6/22/2000	--		67.77	0.02	--	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		67.00	0.55	--	--	--	--	--	--	--	--	5.6	--	SPH
11/21/2000	--		62.19	0.16	--	--	--	--	--	--	--	--	0.7	--	SPH
3/7/2001	--		60.83	0.03	--	--	--	--	--	--	--	--	0.7	--	SPH
5/1/2001	--		64.30	0.05	--	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		64.51	0.12	--	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		64.70	0.65	--	--	--	--	--	--	--	--	0.3	--	SPH
1/18/2002	--	67.92	65.10	1.93	4.27	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		64.81	1.73	4.41	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		62.11	Sheen	5.81	--	--	--	--	--	--	--	3.6	--	
10/31/2002	--		65.80	0.31	2.35	--	--	--	--	--	--	--	--	--	SPH
11/24/2003	--		91.10	6.50	-18.31	--	--	--	--	--	--	--	--	--	SPH
2/3/2004	--		1.96	Sheen	65.96	--	--	--	--	--	--	--	--	--	
5/6/2004	--	56.08	34.71	Sheen	21.37	--	--	--	--	--	--	--	--	--	Resurveyed 3/11/04
8/6/2004	--		39.99	0.00	16.09	--	--	--	--	--	--	--	--	--	
11/11/2004	--		91.63	0.86	-34.91	--	--	--	--	--	--	--	--	--	SPH
2/21/2005	--		80.02	0.72	-23.40	--	--	--	--	--	--	--	--	--	SPH
6/2/2005	--		75.79	0.34	-19.46	--	--	--	--	--	--	--	--	--	SPH
8/4/2005	--		76.73	0.38	-20.37	--	--	--	--	--	--	--	--	--	SPH

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-5 Cont.															
11/23/2005	--	56.08	75.62	0.03	-19.52	--	--	--	--	--	--	--	--	--	SPH
2/13/2006	--		74.78	0.15	-18.59	--	--	--	--	--	--	--	--	--	SPH
5/16/2006	--		70.81	0.00	-14.73	--	--	--	--	--	--	--	--	--	NS
9/5/2006	--		68.97	0.19	-12.75	--	--	--	--	--	--	--	--	--	SPH
10/31/2006	--		69.16	0.25	-12.89	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		68.73	0.28	-12.44	--	--	--	--	--	--	--	--	--	SPH
12/5/2006	--		68.11	0.30	-11.81	--	--	--	--	--	--	--	--	--	SPH
1/30/2007	--		66.99	0.01	-10.90	--	--	--	--	--	--	--	--	--	SPH
2/26/2007	--		66.86	0.46	-10.44	3,100,000	1,700,000	26,000	51,000	6,400	66,000	<500	--	--	
4/20/2007	--		70.21	0.00	-14.13	--	--	--	--	--	--	--	--	--	NS
5/29/2007	--		69.07	0.34	-12.74	--	--	--	--	--	--	--	--	--	SPH
6/29/2007	--		67.81	0.00	-11.73	--	--	--	--	--	--	--	--	--	NS
7/20/2007	--		67.62	0.37	-11.26	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		67.06	0.04	-10.95	--	--	--	--	--	--	--	--	--	SPH
9/19/2007	--		70.65	0.01	-14.56	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		71.89	0.00	-15.81	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		69.09	0.05	-12.97	--	--	--	--	--	--	--	--	--	SPH
2/15/2008	--		61.28	0.23	-5.03	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		63.70	0.07	-7.57	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		67.01	0.03	-10.91	--	--	--	--	--	--	--	--	--	SPH
4/16/2008	--		66.23	0.12	-10.06	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		69.92	0.22	-13.68	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		72.98	0.33	-16.65	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		82.07	0.04	-25.96	--	--	--	--	--	--	--	--	--	SPH
7/16/2008	--		78.25	0.60	-21.72	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		78.28	1.02	-21.44	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		86.65	0.82	-29.96	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		99.93	0.33	-43.60	--	--	--	--	--	--	--	--	--	SPH
10/14/2008	--		89.46	1.58	-32.20	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		78.97	0.74	-22.34	--	--	--	--	--	--	--	--	--	NSP

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-5 Cont.															
12/4/2008	--	56.08	85.31	0.45	-28.89	--	--	--	--	--	--	--	--	--	SPH
12/18/2008	--		86.26	0.45	-29.84	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		88.51	1.22	-31.52	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		85.67	0.93	-28.89	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		50.25	0.70	6.36	--	--	--	--	--	--	--	0.7	--	SPH
3/3/2009	--		49.79	0.74	6.85	--	--	--	--	--	--	--	--	--	SPH
4/6/2009	--		60.15	0.14	-3.97	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		64.80	0.13	-8.62	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		72.76	Sheen	-16.68	--	--	--	--	--	--	--	--	--	SPH
6/12/2009	--		71.68	0.03	-15.58	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		70.70	0.12	-14.53	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		73.60	0.30	-17.30	--	--	--	--	--	--	--	--	--	SPH
3/26/2010	--		54.85	0.13	1.33	--	--	--	--	--	--	--	--	--	b, SPH
9/28/2010	--		62.21	0.09	-6.06	--	--	--	--	--	--	--	--	--	b, SPH
2/16/2011	--		62.99	0.06	-6.87	--	--	--	--	--	--	--	--	--	b, SPH
8/2/2011	--		62.16	0.06	-6.04	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		64.42	0.03	-8.32	--	--	--	--	--	--	--	--	--	SPH
3/25/2012	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
8/29/2012	--		67.28	0.06	-11.16	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		63.57	0.00	-7.49	--	--	--	--	--	--	--	--	--	
8/29/2013	--		61.96	Sheen	-5.88	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		61.05	Sheen	-4.97	--	--	--	--	--	--	--	--	--	SPH
8/29/2014	--		60.15	Sheen	-4.07	--	--	--	--	--	--	--	--	--	SPH
2/17/2015	--		59.46	0.14	-3.28	--	--	--	--	--	--	--	--	--	SPH
9/29/2015	--		59.15	0.17	-2.94	--	--	--	--	--	--	--	--	--	SPH
2/18/2016	--		48.82	0.20	7.41	--	--	--	--	--	--	--	--	--	SPH
8/30/2016	--		56.35	0.23	-0.10	--	--	--	--	--	--	--	--	--	SPH
1/19/2017	--		47.47	0.25	8.80	--	--	--	--	--	--	--	--	--	SPH
A-6															
1/18/2002	--	66.56	11.10	0.00	55.46	--	12,000	570	3,500	49	5,700	310	0.4	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-6 Cont.															
4/5/2002	--	66.56	12.31	0.00	54.25	--	2,900	220	<10	35	270	230	0.5	--	
8/8/2002	--		12.68	0.00	53.88	--	3,100	110	100	490	730	100	3.7	--	
10/31/2002	--		27.10	0.00	39.46	--	27,000 N	1,100	310	<25	8,700	170	2.4	--	
2/17/2003	--		28.50	0.00	38.06	--	44,000	1,900	540	1,500	14,000	91	0.3	--	
5/22/2003	--		33.70	0.00	32.86	--	40,000	1,500	56	1,500	11,000	79	2.5	--	Past hold time
8/7/2003	--		34.11	0.00	32.45	--	33,000	350	<25	290	2,000	38	1.5	--	
11/24/2003	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	--		25.65	0.00	40.91	7,700	24,000	1,200	<50	880	7,100	<50	0.2	--	
8/6/2004	--		33.70	0.00	32.86	69	19,000	1,200	<25	320	4,700	35	0.8	--	
11/11/2004	--		32.45	0.00	34.11	6,500	12,000	3,500	<50	200	860	<50	0.4	--	
2/21/2005	--		37.47	0.00	29.09	11,000	14,000	3,300	<50	180	690	<50	0.8	--	
6/2/2005	--		38.62	0.00	27.94	4,500 N	42,000	1,300	<50	260	1,700	<50	1.2	--	
8/4/2005	--		42.12	0.00	24.44	2,900 N	53,000	1,600	<50	140	670	<50	2.0	--	
11/23/2005	--	54.76	39.16	0.00	15.60	--	5,500	160	<5.0	110	510	19	0.6	--	
12/2/2005	--		42.61	0.00	12.15	2,100 N	--	--	--	--	--	--	--	--	
2/13/2006	--		40.39	0.00	14.37	1,100 N	4,500	89	<25	41	46	<25	2.3	--	
5/16/2006	--		40.32	0.00	14.44	--	8,200	39	1.3	29	110	23	2.1	--	
9/5/2006	--		40.38	0.00	14.38	2,100	4,300	14	<5.0	14	51	26	2.7	--	
12/6/2006	--		40.50	0.00	14.26	1,400	1,100	11	1.4	2.3	5.9	20	7.5	--	
2/26/2007	--		41.87	0.00	12.89	890	2,800	3.3	0.74	4.5	5.8	21	1.9	--	
5/29/2007	--		40.18	0.00	14.58	1,100 N	2,000	1.7	<0.50	2.1	2.8	15	1.5	--	
8/22/2007	--		40.72	0.00	14.04	--	2,400	9.7	0.76	4.0	6.6	12	0.8	--	Insufficient water
11/29/2007	--		33.90	0.00	20.86	1,100 N	2,300	7.2	<0.50	3.3	4.0	11	2.0	--	
3/28/2008	--		3.00	0.00	51.76	210 N	320	<0.50	<0.50	<0.50	<0.50	1.5	1.3	--	
6/19/2008	--		21.96	0.00	32.80	290	130	<0.50	<0.50	<0.50	<0.50	2.0	1.3	--	
9/18/2008	--		20.71	0.00	34.05	73 N	130	<0.50	<0.50	<0.50	<0.50	2.8	1.4	--	
12/4/2008	--		3.24	0.00	51.52	650 N	250	<0.50	<0.50	<0.50	<0.50	1.5	1.4	--	
3/2/2009	--		1.55	0.00	53.21	400 N	110	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
6/2/2009	--		9.15	0.00	45.61	380	180	<0.50	<0.50	<0.50	<0.50	1.1	1.4	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-6 Cont.															
9/11/2009	--	54.76	18.82	0.00	35.94	880	610	<0.50	<0.50	<0.50	<0.50	4.4	1.3	--	
3/26/2010	--		--	--	--	--	--	--	--	--	--	--	--	--	a
9/28/2010	P		15.47	0.00	39.29	330	160	<0.50	<0.50	<0.50	<0.50	3.5	--	6.93	LW, LX
2/16/2011	P		18.57	0.00	36.19	1,200	1,100	<0.50	<0.50	<0.50	<0.50	4.3	0.76	7.78	LW, LX
8/2/2011	P		25.95	0.00	28.81	340	96	<0.50	<0.50	<0.50	<0.50	2.7	1.03	7.1	LW, LX
2/9/2012	P		19.52	0.00	35.24	230	<50	<0.50	<0.50	<0.50	<0.50	2.1	2.45	7.2	
8/29/2012	P		15.58	0.00	39.18	370	73	<0.50	<0.50	<0.50	<1.0	2.4	1.53	7.55	
3/25/2013	P		16.71	0.00	38.05	370	91	<0.50	<0.50	<0.50	<1.0	2.9	1.36	7.54	
8/29/2013	P		13.11	0.00	41.65	340	73	<0.50	<0.50	<0.50	<1.0	2.8	4.40	7.41	
2/26/2014	P		14.45	0.00	40.31	330/180	140	<0.50	<0.50	<0.50	<1.0	2.8	1.08	6.97	f
8/29/2014	P		11.95	0.00	42.81	120	<50	<0.50	<0.50	<0.50	<1.0	2.5	2.98	6.54	
2/17/2015	P		11.20	0.00	43.56	320	110	<0.50	<0.50	<0.50	<1.0	2.9	4.33	6.59	
9/29/2015	P		11.54	0.00	43.22	260	140	<0.50	<0.50	<0.50	<1.0	2.3	0.21	--	
2/18/2016	P		11.79	0.00	42.97	220	74	<0.50	<0.50	<0.50	<1.0	2.7	0.55	7.66	
8/30/2016	P		13.49	0.00	41.27	--	50	<0.50	<0.50	<0.50	<1.0	2.4	0.22	7.56	h
1/19/2017	P		12.44	0.00	42.32	140	59	<0.50	<0.50	<0.50	<1.0	2.2	0.07	7.41	
A-7															
1/18/2002	--	66.54	45.60	0.00	20.94	--	2,100	88	<10	12	49	<50	0.6	--	
4/5/2002	--		46.90	0.00	19.64	--	670	38	<5.0	9.1	<5.0	<25	0.6	--	
8/8/2002	--		35.48	0.00	31.06	--	320	20	<0.50	1.3	3.8	8.2	7.1	--	
10/31/2002	--		39.10	0.00	27.44	--	1,400	50	<10	10	19	<50	2.8	--	
2/17/2003	--		40.93	0.00	25.61	--	1,700	110	<2.5	7.8	19	<2.5	1.2	--	
5/22/2003	--		42.35	0.00	24.19	--	1,500	99	13	9.3	27	<2.5	3.2	--	
8/7/2003	--		40.93	0.00	25.61	--	1,200	94	<5.0	7.7	19	<5.0	1.3	--	
11/24/2003	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	--		9.98	0.00	56.56	150	1,500	41	<2.5	3.4	9.4	<2.5	0.4	--	
8/6/2004	--		34.65	0.00	31.89	230	330	37	<0.50	3.0	6.0	<0.50	1.1	--	
11/11/2004	--		34.63	0.00	31.91	6,200	1,700	85	<1.0	7.4	7.8	<1.0	0.7	--	
2/21/2005	--		41.17	0.00	25.37	2,400	1,400	59	<1.0	4.6	3.8	<1.0	0.6	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-7 Cont.															
6/2/2005	--	66.54	18.87	0.00	47.67	930 N	600	36	<0.50	1.9	0.79	<0.50	0.8	--	
8/4/2005	--		14.80	0.00	51.74	2,000 N	610	36	<0.50	2.0	0.76	<0.50	2.6	--	
11/23/2005	--	55.53	13.33	0.00	42.20	--	430	24	<0.50	1.2	<0.50	<0.50	0.7	--	
12/2/2005	--		35.45	0.00	20.08	640 N	--	--	--	--	--	--	--	--	
2/13/2006	--		13.22	0.00	42.31	1,700 N	1,800	62	<0.50	4.5	0.80	<0.50	1.2	--	
5/16/2006	--		12.39	0.00	43.14	--	730	17	<0.50	1.4	0.56	<0.50	1.1	--	
9/5/2006	--		12.58	0.00	42.95	720	510	4.3	<0.50	0.80	<0.50	<0.50	3.1	--	
12/5/2006	--		12.70	0.00	42.83	520	820	13	<0.50	2.2	<0.50	<0.50	7.6	--	
2/26/2007	--		14.39	0.00	41.14	1,000	1,000	3.3	<0.50	1.9	<0.50	<0.50	1.7	--	
5/29/2007	--		13.67	0.00	41.86	840 N	1,100	0.94	<0.50	1.8	<0.50	<0.50	3.0	--	
8/22/2007	--		14.65	0.00	40.88	--	1,400	1.7	<0.50	2.4	<0.50	<0.50	1.2	--	Insufficient water
11/29/2007	--		12.61	0.00	42.92	930 N	990	0.69	<0.50	1.9	<0.50	<0.50	1.0	--	
3/28/2008	--		11.49	0.00	44.04	220 N	340	0.79	<0.50	<0.50	<0.50	<0.50	0.9	--	
6/19/2008	--		13.20	0.00	42.33	500	61	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	--	
9/18/2008	--		12.12	0.00	43.41	300 N	82	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	--	
12/4/2008	--		11.74	0.00	43.79	520 N	140	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
3/2/2009	--		10.56	0.00	44.97	490	98	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
6/2/2009	--		10.65	0.00	44.88	430	120	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
9/11/2009	--		9.90	0.00	45.63	480	200	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
3/26/2010	--		--	--	--	--	--	--	--	--	--	--	--	--	a
9/28/2010	P		12.95	0.00	42.58	390	240	<0.50	<0.50	<0.50	<0.50	<0.50	0.47	7.04	LW
2/16/2011	P		9.75	0.00	45.78	680	470	<0.50	<0.50	<0.50	<0.50	<0.50	--	7.99	LW, LX
8/2/2011	P		10.40	0.00	45.13	540	190	<0.50	<0.50	<0.50	<0.50	<0.50	1.19	7.6	LW, LX
2/9/2012	P		11.07	0.00	44.46	340	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.45	7.6	
8/29/2012	P		11.02	0.00	44.51	550	140	<0.50	<0.50	<0.50	<1.0	<0.50	4.64	7.69	
3/25/2013	P		10.87	0.00	44.66	360	83	<0.50	<0.50	<0.50	<1.0	<0.50	1.40	7.81	
8/29/2013	P		10.80	0.00	44.73	240	67	<0.50	<0.50	<0.50	<1.0	<0.50	6.81	7.63	
2/26/2014	P		10.09	0.00	45.44	220/78	51	<0.50	<0.50	<0.50	<1.0	<0.50	1.52	7.06	f
8/29/2014	P		11.09	0.00	44.44	250	85	<0.50	<0.50	<0.50	<1.0	<0.50	0.18	7.16	
2/17/2015	P		11.04	0.00	44.49	360	150	<0.50	<0.50	<0.50	<1.0	<0.50	2.17	6.64	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-7 Cont.															
9/29/2015	P	55.53	11.49	0.00	44.04	320	120	<0.50	<0.50	<0.50	<1.0	<0.50	0.13	7.56	
8/30/2016	P		10.84	0.00	44.69	--	92	<0.50	<0.50	<0.50	<1.0	<0.50	0.21	7.66	h
1/19/2017	P		9.84	0.00	45.69	170	89	<0.50	<0.50	<0.50	<1.0	<0.50	0.65	7.57	
EX-1															
8/7/2003	--	168.89	2.93	Sheen	165.96	--	--	--	--	--	--	--	--	--	
11/24/2003	--		7.82	0.00	161.07	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		1.72	0.00	167.17	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	56.19	2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	
11/11/2004	--		2.33	0.00	53.86	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		1.71	0.00	54.48	--	--	--	--	--	--	--	--	--	NSP
6/2/2005	--		2.34	0.00	53.85	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		2.96	0.00	53.23	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.13	Sheen	53.06	--	--	--	--	--	--	--	--	--	
2/13/2006	--		2.25	Sheen	53.94	--	--	--	--	--	--	--	--	--	
5/16/2006	--		2.42	0.00	53.77	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		3.78	0.00	52.41	--	--	--	--	--	--	--	--	--	NSP
10/31/2006	--		4.41	0.01	51.79	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		3.14	0.00	53.05	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		2.88	0.00	53.31	--	--	--	--	--	--	--	--	--	NSP
1/30/2007	--		2.63	0.00	53.56	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		2.38	0.00	53.81	--	--	--	--	--	--	--	--	--	NSP
4/20/2007	--		2.52	0.00	53.67	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		2.72	0.00	53.47	--	--	--	--	--	--	--	--	--	NSP
6/29/2007	--		3.09	0.00	53.10	--	--	--	--	--	--	--	--	--	NSP
7/20/2007	--		3.45	0.01	52.75	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		4.19	0.00	52.00	--	--	--	--	--	--	--	--	--	NSP
9/19/2007	--		4.69	0.00	51.50	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		2.58	0.00	53.61	--	--	--	--	--	--	--	--	--	
11/29/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA/NSP, Oversized vault lid

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
EX-1 Cont.															
2/15/2008	--	56.19	2.00	Sheen	54.19	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		1.90	Sheen	54.29	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		2.43	0.00	53.76	--	--	--	--	--	--	--	--	--	NSP
4/16/2008	--		2.67	0.00	53.52	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		2.75	0.00	53.44	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		3.03	0.00	53.16	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		3.07	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
7/16/2008	--		3.42	Sheen	52.77	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		4.20	Sheen	51.99	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		4.50	0.00	51.69	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		4.57	0.00	51.62	--	--	--	--	--	--	--	--	--	NSP
10/14/2008	--		4.85	0.00	51.34	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		3.13	0.00	53.06	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		3.48	0.00	52.71	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		3.13	0.00	53.06	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		2.85	Sheen	53.34	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		1.52	0.00	54.67	--	--	--	--	--	--	--	--	--	NSP
3/3/2009	--		1.50	Sheen	54.69	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		2.29	0.00	53.90	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.58	0.00	53.61	--	--	--	--	--	--	--	--	--	NSP
6/12/2009	--		2.68	Sheen	53.51	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		3.18	0.00	53.01	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.95	0.00	52.24	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		1.99	0.00	54.20	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		5.58	0.00	50.61	--	--	--	--	--	--	--	--	--	
2/16/2011	--		2.17	0.00	54.02	--	--	--	--	--	--	--	--	--	
8/2/2011	--		2.70	Sheen	53.49	--	--	--	--	--	--	--	--	--	
2/9/2012	--		2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	
8/29/2012	--		4.37	0.00	51.82	--	--	--	--	--	--	--	--	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
EX-1 Cont.															
3/25/2013	--	56.19	2.65	0.00	53.54	--	--	--	--	--	--	--	--	--	
8/29/2013	--		4.41	0.00	51.78	--	--	--	--	--	--	--	--	--	
2/26/2014	--		2.65	0.00	53.54	--	--	--	--	--	--	--	--	--	
8/29/2014	--		4.35	0.00	51.84	--	--	--	--	--	--	--	--	--	
2/17/2015	--		2.19	0.00	54.00	--	--	--	--	--	--	--	--	--	
9/29/2015	--		5.05	0.00	51.14	--	--	--	--	--	--	--	--	--	
2/18/2016	--		1.88	0.00	54.31	--	--	--	--	--	--	--	--	--	
8/30/2016	--		4.00	0.00	52.19	--	--	--	--	--	--	--	--	--	
1/19/2017	--		1.35	0.00	54.84	--	--	--	--	--	--	--	--	--	
V-1															
9/4/1998	--	52.15	7.74	Sheen	44.41	--	--	--	--	--	--	--	1.6	--	
12/18/1998	--		7.44	Sheen	44.71	--	--	--	--	--	--	--	--	--	
3/18/1999	--		6.29	Sheen	45.86	--	--	--	--	--	--	--	2.0	--	
7/2/1999	--		7.73	0.03	44.44	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		8.24	0.03	43.93	--	--	--	--	--	--	--	--	--	SPH
1/3/2000	--		7.40	Sheen	44.75	--	--	--	--	--	--	--	0.7	--	
4/1/2000	--		6.88	Sheen	45.27	--	--	--	--	--	--	--	--	--	
6/22/2000	--		6.01	0.02	46.16	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		6.10	0.00	46.05	--	--	--	--	--	--	--	0.3	--	NSP
11/21/2000	--		7.00	0.00	45.15	--	--	--	--	--	--	--	0.2	--	NSP
3/7/2001	--		6.11	0.00	46.04	--	--	--	--	--	--	--	0.1	--	NSP
5/1/2001	--		3.90	Sheen	48.25	--	--	--	--	--	--	--	--	--	
8/14/2001	--		4.17	0.00	47.98	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		4.25	0.03	47.92	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	68.48	3.55	0.50	65.31	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		3.31	0.22	65.34	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		2.25	0.00	66.23	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		4.68	0.00	63.80	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		3.42	Sheen	65.06	--	--	--	--	--	--	--	--	--	
5/22/2003	--		1.91	0.00	66.57	--	--	--	--	--	--	--	--	--	NSP

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes				MTBE
V-1 Cont.															
8/7/2003	--	68.48	4.00	Sheen	64.48	--	--	--	--	--	--	--	--	--	
11/24/2003	--		0.40	0.00	68.08	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		0.46	0.00	68.02	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	56.65	1.06	0.00	55.59	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		7.10	0.00	49.55	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		8.55	0.00	48.10	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		0.32	Sheen	56.33	--	--	--	--	--	--	--	--	--	
6/2/2005	--		1.10	0.00	55.55	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		4.27	0.00	52.38	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		5.56	0.00	51.09	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		0.84	Sheen	55.81	--	--	--	--	--	--	--	--	--	
5/16/2006	--		2.09	0.00	54.56	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.98	0.00	51.67	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		4.91	0.00	51.74	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		0.35	0.00	56.30	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		1.79	0.00	54.86	--	--	--	--	--	--	--	--	--	NSP
8/22/2007	--		3.80	0.00	52.85	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		5.56	0.00	51.09	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		1.11	0.00	55.54	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		6.68	0.00	49.97	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		8.28	0.02	48.39	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		8.30	0.01	48.36	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		0.00	0.00	56.65	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.42	0.00	54.23	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		5.28	0.00	51.37	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		0.67	0.00	55.98	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		9.40	0.00	47.25	--	--	--	--	--	--	--	--	--	
2/16/2011	--		2.85	0.00	53.80	--	--	--	--	--	--	--	--	--	
8/2/2011	--		5.57	0.00	51.08	--	--	--	--	--	--	--	--	--	
2/9/2012	--		5.50	0.00	51.15	--	--	--	--	--	--	--	--	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-1 Cont.															
8/29/2012	--	56.65	5.37	Sheen	51.28	--	--	--	--	--	--	--	--	--	
3/25/2013	--		5.68	0.01	50.98	--	--	--	--	--	--	--	--	--	
8/29/2013	--		5.34	Sheen	51.31	--	--	--	--	--	--	--	--	--	
2/26/2014	--		5.41	0.02	51.26	--	--	--	--	--	--	--	--	--	
8/29/2014	--		5.07	0.00	51.58	--	--	--	--	--	--	--	--	--	
2/17/2015	--		1.89	Sheen	54.76	--	--	--	--	--	--	--	--	--	
9/29/2015	--		3.79	0.00	52.86	--	--	--	--	--	--	--	--	--	
2/18/2016	--		3.65	0.00	53.00	--	--	--	--	--	--	--	--	--	
8/30/2016	--		3.41	0.00	53.24	--	--	--	--	--	--	--	--	--	
1/19/2017	--		3.34	<0.01	53.31	--	--	--	--	--	--	--	--	--	
V-2															
9/4/1998	--	50.60	19.60	Sheen	31.00	--	--	--	--	--	--	--	1.6	--	
12/18/1998	--		14.76	Sheen	35.84	--	--	--	--	--	--	--	--	--	
3/18/1999	--		11.12	Sheen	39.48	--	--	--	--	--	--	--	1.9	--	
7/2/1999	--		10.89	0.02	39.73	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		12.64	Sheen	37.96	--	--	--	--	--	--	--	--	--	
1/3/2000	--		10.30	Sheen	40.30	--	--	--	--	--	--	--	1.6	--	
4/1/2000	--		0.01	0.00	50.59	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		4.75	0.01	45.86	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		6.75	0.00	43.85	--	--	--	--	--	--	--	0.5	--	NSP
11/21/2000	--		7.33	0.00	43.27	--	--	--	--	--	--	--	0.4	--	NSP
3/7/2001	--		6.29	0.00	44.31	--	--	--	--	--	--	--	0.4	--	NSP
5/1/2001	--		5.90	0.02	44.72	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		6.15	0.28	44.66	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		6.30	0.55	44.71	--	--	--	--	--	--	--	1.0	--	SPH
1/18/2002	--	66.95	6.02	0.91	61.61	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		6.29	0.32	60.90	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		5.87	0.04	61.11	--	--	--	--	--	--	--	--	--	SPH
10/31/2002	--		7.85	0.08	59.16	--	--	--	--	--	--	--	--	--	SPH
2/17/2003	--		0.61	Sheen	66.34	--	--	--	--	--	--	--	--	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-2 Cont.															
5/22/2003	--	66.95	2.47	0.00	64.48	--	--	--	--	--	--	--	--	--	NSP
8/7/2003	--		6.33	Sheen	60.62	--	--	--	--	--	--	--	--	--	
11/24/2003	--		7.23	0.00	59.72	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		1.68	0.00	65.27	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	55.12	2.70	0.00	52.42	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		7.40	0.00	47.72	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	
2/21/2005	--		0.14	Sheen	54.98	--	--	--	--	--	--	--	--	--	
6/2/2005	--		2.00	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.80	0.00	51.32	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		6.27	Sheen	48.85	--	--	--	--	--	--	--	--	--	
2/13/2006	--		3.89	Sheen	51.23	--	--	--	--	--	--	--	--	--	
5/16/2006	--		--	--	--	--	--	--	--	--	--	--	--	--	
9/5/2006	--		1.90	0.00	53.22	--	--	--	--	--	--	--	--	--	NS
10/31/2006	--		3.21	0.00	51.91	--	--	--	--	--	--	--	--	--	NS
11/13/2006	--		3.49	0.00	51.63	--	--	--	--	--	--	--	--	--	NS
12/6/2006	--		3.82	0.00	51.30	--	--	--	--	--	--	--	--	--	NS
1/30/2007	--		3.52	0.00	51.60	--	--	--	--	--	--	--	--	--	NS
2/26/2007	--		2.84	0.00	52.28	--	--	--	--	--	--	--	--	--	NS
4/20/2007	--		1.81	0.01	53.32	--	--	--	--	--	--	--	--	--	SPH
5/29/2007	--		2.63	0.03	52.51	--	--	--	--	--	--	--	--	--	SPH
6/29/2007	--		3.25	0.01	51.88	--	--	--	--	--	--	--	--	--	SPH
7/20/2007	--		3.01	0.01	52.12	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		6.20	Sheen	48.92	--	--	--	--	--	--	--	--	--	
9/19/2007	--		6.54	0.02	48.60	--	--	--	--	--	--	--	--	--	SPH
10/17/2007	--		10.89	0.00	44.23	--	--	--	--	--	--	--	--	--	
11/29/2007	--		9.25	0.00	45.87	--	--	--	--	--	--	--	--	--	NSP
2/15/2008	--		3.45	Sheen	51.67	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		2.75	0.00	52.37	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		0.55	0.00	54.57	--	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-2 Cont.															
4/16/2008	--	55.12	6.16	0.00	48.96	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		6.00	0.00	49.12	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		5.83	0.00	49.29	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		0.40	0.00	54.72	--	--	--	--	--	--	--	--	--	NSP
7/16/2008	--		7.00	0.00	48.12	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		6.87	0.00	48.25	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		6.93	Sheen	48.19	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		0.70	0.00	54.42	--	--	--	--	--	--	--	--	--	NSP
10/14/2008	--		8.06	0.00	47.06	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		7.13	0.00	47.99	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		2.00	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		6.53	0.00	48.59	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		5.50	0.00	49.62	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		2.15	0.00	52.97	--	--	--	--	--	--	--	--	--	NSP
3/3/2009	--		21.47	0.00	33.65	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		4.60	0.00	50.52	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		4.09	0.00	51.03	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.61	0.00	52.51	--	--	--	--	--	--	--	--	--	NSP
6/12/2009	--		7.58	0.00	47.54	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		6.03	0.00	49.09	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.90	0.00	51.22	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		0.30	0.00	54.82	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		2.30	0.00	52.82	--	--	--	--	--	--	--	--	--	
2/16/2011	--		0.56	0.00	54.56	--	--	--	--	--	--	--	--	--	
8/2/2011	--		0.00	0.00	55.12	--	--	--	--	--	--	--	--	--	c
2/9/2012	--		2.20	0.00	52.92	--	--	--	--	--	--	--	--	--	
8/29/2012	--		2.63	0.00	52.49	--	--	--	--	--	--	--	--	--	
3/25/2013	--		2.35	0.00	52.77	--	--	--	--	--	--	--	--	--	
8/29/2013	--		3.87	0.00	51.25	--	--	--	--	--	--	--	--	--	
2/26/2014	--		5.86	0.00	49.26	--	--	--	--	--	--	--	--	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-2 Cont.															
8/29/2014	--	55.12	6.02	0.00	49.10	--	--	--	--	--	--	--	--	--	
2/17/2015	--		2.57	0.00	52.55	--	--	--	--	--	--	--	--	--	
9/29/2015	--		5.94	0.00	49.18	--	--	--	--	--	--	--	--	--	
2/18/2016	--		2.41	0.00	52.71	--	--	--	--	--	--	--	--	--	
8/30/2016	--		2.53	0.00	52.59	--	--	--	--	--	--	--	--	--	
1/19/2017	--		0.15	0.00	54.97	--	--	--	--	--	--	--	--	--	
V-3															
9/4/1998	--	NS	9.99	Sheen	--	--	--	--	--	--	--	--	1.5	--	
12/18/1998	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		3.05	Sheen	--	--	--	--	--	--	--	--	1.6	--	
7/2/1999	--		5.56	0.00	--	--	--	--	--	--	--	--	1.2	--	NSP
9/28/1999	--		5.43	Sheen	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--		6.03	Sheen	--	--	--	--	--	--	--	--	1.5	--	
4/1/2000	--		2.33	0.00	--	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		4.21	0.01	--	--	--	--	--	--	--	--	0.7	--	SPH
8/17/2000	--		5.80	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
11/21/2000	--		5.14	0.00	--	--	--	--	--	--	--	--	0.1	--	NSP
3/7/2001	--		5.08	0.00	--	--	--	--	--	--	--	--	0.1	--	NSP
5/1/2001	--		7.00	0.00	--	--	440	17	2.7	7.8	100	33	--	--	NSP
8/14/2001	--		7.19	0.00	--	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		9.23	0.08	--	--	--	--	--	--	--	--	0.5	--	SPH
1/18/2002	--	66.55	9.05	0.55	57.91	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		9.05	0.26	57.70	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		3.46	0.00	63.09	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		4.76	0.00	61.79	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		0.10	Sheen	66.45	--	--	--	--	--	--	--	--	--	
5/22/2003	--		1.02	Sheen	65.53	--	--	--	--	--	--	--	--	--	
8/7/2003	--		3.41	0.00	63.14	--	--	--	--	--	--	--	--	--	NSP
11/24/2003	--		0.55	0.00	66.00	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-3 Cont.															
5/6/2004	--	54.42	0.80	0.00	53.62	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		1.70	0.00	52.72	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		2.35	0.00	52.07	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		2.71	0.00	51.71	--	--	--	--	--	--	--	--	--	NSP
6/2/2005	--		2.95	0.00	51.47	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.44	0.00	50.98	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.71	0.00	50.71	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		3.83	Sheen	50.59	--	--	--	--	--	--	--	--	--	
5/16/2006	--		4.16	0.00	50.26	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.71	0.00	49.71	--	--	--	--	--	--	--	--	--	NSP
12/6/2006	--		4.89	0.00	49.53	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		5.04	0.00	49.38	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		5.40	0.00	49.02	--	--	--	--	--	--	--	--	--	NSP
8/22/2007	--		5.70	0.00	48.72	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		5.71	0.00	48.71	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		5.75	0.00	48.67	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		6.04	0.00	48.38	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		6.27	0.00	48.15	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		6.22	0.00	48.20	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		6.04	0.00	48.38	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		6.25	0.00	48.17	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		6.42	0.00	48.00	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		5.97	0.00	48.45	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		6.40	0.00	48.02	--	--	--	--	--	--	--	--	--	
2/16/2011	--		6.00	0.00	48.42	--	--	--	--	--	--	--	--	--	
8/2/2011	--		6.60	0.00	47.82	--	--	--	--	--	--	--	--	--	
2/9/2012	--		6.67	0.00	47.75	--	--	--	--	--	--	--	--	--	
8/29/2012	--		6.95	0.00	47.47	--	--	--	--	--	--	--	--	--	
3/25/2013	--		6.54	0.00	47.88	--	--	--	--	--	--	--	--	--	
8/29/2013	--		7.01	0.00	47.41	--	--	--	--	--	--	--	--	--	

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-3 Cont.															
2/26/2014	--	54.42	6.61	0.00	47.81	--	--	--	--	--	--	--	--	--	
8/29/2014	--		6.87	0.00	47.55	--	--	--	--	--	--	--	--	--	
2/17/2015	--		6.36	0.00	48.06	--	--	--	--	--	--	--	--	--	
9/29/2015	--		5.49	0.00	48.93	--	--	--	--	--	--	--	--	--	
2/18/2016	--		5.41	0.00	49.01	--	--	--	--	--	--	--	--	--	
8/30/2016	--		5.82	0.00	48.60	--	--	--	--	--	--	--	--	--	
1/19/2017	--		5.34	0.00	49.08	--	--	--	--	--	--	--	--	--	
V-4															
9/4/1998	--	NS	4.76	Sheen	--	--	--	--	--	--	--	--	1.4	--	
12/18/1998	--		4.39	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		4.45	Sheen	--	--	--	--	--	--	--	--	1.9	--	
7/2/1999	--		4.70	0.00	--	--	--	--	--	--	--	--	1.3	--	NSP
9/28/1999	--		5.00	Sheen	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--		5.39	Sheen	--	--	--	--	--	--	--	--	1.6	--	
4/1/2000	--		4.95	0.00	--	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		5.01	0.00	--	--	--	--	--	--	--	--	1.1	--	NSP
8/17/2000	--		5.00	0.00	--	--	--	--	--	--	--	--	0.6	--	NSP
11/21/2000	--		4.93	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
3/7/2001	--		3.59	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
5/1/2001	--		2.20	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
5/1/2001	--		2.20	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
8/14/2001	--		2.37	0.00	--	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		2.30	0.00	--	--	--	--	--	--	--	--	0.6	--	NSP
1/18/2002	--	66.55	2.71	0.00	63.84	--	--	--	--	--	--	--	--	--	NSP
4/5/2002	--		2.95	0.00	63.60	--	--	--	--	--	--	--	--	--	NSP
8/8/2002	--		10.60	0.00	55.95	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		3.19	0.00	63.36	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		3.37	0.00	63.18	--	--	--	--	--	--	--	--	--	NSP
5/22/2003	--		3.39	Sheen	63.16	--	--	--	--	--	--	--	--	--	
8/7/2003	--		3.56	0.00	62.99	--	--	--	--	--	--	--	--	--	NSP

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-4 Cont.															
11/24/2003	--	66.55	4.43	0.00	62.12	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		4.20	0.00	62.35	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	54.71	3.38	0.00	51.33	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		3.80	0.00	50.91	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		4.31	0.00	50.40	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		3.28	0.00	51.43	--	--	--	--	--	--	--	--	--	NSP
6/2/2005	--		3.35	0.00	51.36	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.47	0.00	51.24	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.70	0.00	51.01	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		--	--	--	--	--	--	--	--	--	--	--	--	
5/16/2006	--		0.08	0.00	54.63	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.33	0.00	50.38	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		3.92	0.00	50.79	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		4.00	0.00	50.71	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
8/22/2007	--		4.39	0.00	50.32	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		4.70	0.00	50.01	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		4.45	0.00	50.26	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		4.51	0.00	50.20	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		4.60	0.00	50.11	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		4.52	0.00	50.19	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		4.35	0.00	50.36	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		3.53	0.00	51.18	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.65	0.00	51.06	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		3.10	0.00	51.61	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		3.52	0.00	51.19	--	--	--	--	--	--	--	--	--	
2/16/2011	--		1.58	0.00	53.13	--	--	--	--	--	--	--	--	--	
8/2/2011	--		1.67	0.00	53.04	--	--	--	--	--	--	--	--	--	
2/9/2012	--		3.44	0.00	51.27	--	--	--	--	--	--	--	--	--	
8/29/2012	--		3.46	0.00	51.25	--	--	--	--	--	--	--	--	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-4 Cont.															
3/25/2013	--	54.71	3.48	0.00	51.23	--	--	--	--	--	--	--	--	--	
8/29/2013	--		4.05	0.00	50.66	--	--	--	--	--	--	--	--	--	
2/26/2014	--		4.93	0.00	49.78	--	--	--	--	--	--	--	--	--	
8/29/2014	--		4.02	0.00	50.69	--	--	--	--	--	--	--	--	--	
2/17/2015	--		3.64	0.00	51.07	--	--	--	--	--	--	--	--	--	
9/29/2015	--		4.48	0.00	50.23	--	--	--	--	--	--	--	--	--	
2/18/2016	--		1.06	0.00	53.65	--	--	--	--	--	--	--	--	--	
8/30/2016	--		1.79	0.00	52.92	--	--	--	--	--	--	--	--	--	
1/19/2017	--		1.58	0.00	53.13	--	--	--	--	--	--	--	--	--	

Symbols & Abbreviations:

--/- - = Not analyzed/applicable/sampled/measured

< = Not detected at or above specified laboratory reporting limit

DO = Dissolved oxygen

DTW = Depth to water in ft bgs

GRO = Gasoline range organics, range C4-C12

GWE = Groundwater elevation in ft

g/L = Micrograms per liter

mg/L = Milligrams per liter

MTBE = Methyl tert-butyl ether

NP = Not purged before sampling

P = Purged before sampling

PD = Purged Dry

TPHg = Total petroleum hydrocarbons as gasoline

TOC = Top of casing elevation in ft

DF = Reporting limits elevated due to matrix interferences

DRY = Well dry during gauging; not sampled

DUP = Duplicate sample

INA = Well inaccessible

N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

NP = Well not purged prior to sampling

NS = Well not sampled

Footnotes:

a = Well not sampled due to encroachment permit and traffic control issues

b = Water level elevation adjusted assuming a specific gravity of 0.75 for free product

c = Groundwater at top of casing

d = Well full of product

e = Insufficient water in well to conduct purging prior to sample collection; grab sample collected

f = DRO entry contain both non silica gel cleanup and silica gel cleanup values. Example: 920/450 denotes non silica gel cleanup/silica gel cleanup.

g = Method 8260B: The samples were collected in properly preserved vials for analysis of volatile organic compounds. However, the pH of 3 was outside the required criteria when verified by the laboratory, and corrective action was not possible.

h = DRO analysis not conducted due to sample container shipment error

NSP = Well not sampled this event, in accordance with groundwater sampling schedule

SPH = Well not sampled due to the presence of separate-phase hydrocarbons

LW = Quantitation of unknown hydrocarbon(s) in sample based on gasoline

LX = Quantitation of unknown hydrocarbon(s) in sample based on diesel

Notes:

Beginning in the first quarter 2008, the carbon range for GRO was changed from C4-C12 to C6-C12

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-1									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	<50	--	--	--	--	--	
3/7/2001	--	--	<100	--	--	--	--	--	
5/1/2001	--	--	<125	--	--	--	--	--	
8/14/2001	--	--	<50	--	--	--	--	--	
10/9/2001	--	--	<50	--	--	--	--	--	
1/18/2002	--	--	<250	--	--	--	--	--	
4/5/2002	--	--	<62	--	--	--	--	--	
8/8/2002	--	--	<250	--	--	--	--	--	
10/31/2002	--	--	<500	--	--	--	--	--	
2/18/2003	<4,000	<2,000	<50	<50	<50	<50	--	--	
5/22/2003	<5,000	<1,000	<25	<25	<25	<25	--	--	Artesian well, water at TOC
8/7/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
11/24/2003	<5,000	<1,000	<25	<25	<25	<25	--	--	
2/3/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
5/6/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	Resurveyed 3/11/04
7/30/2004	<50,000	<4,000	<250	<250	<250	<250	<250	<250	SPH
11/11/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
2/21/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
6/2/2005	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
8/4/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/23/2005	95,000	<1,000	<25	<25	<25	<25	<25	<25	Artesian well, water at TOC
12/2/2005	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/13/2006	<30,000	<2,000	<50	<50	<50	<50	<50	<50	
5/16/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
9/5/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
12/6/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
2/26/2007	--	--	--	--	--	--	--	--	INA
5/29/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-1 Cont.									
11/29/2007	--	--	--	--	--	--	--	--	SPH
3/28/2008	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
6/19/2008	--	--	--	--	--	--	--	--	SPH
9/18/2008	--	--	--	--	--	--	--	--	SPH
12/4/2008	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
3/2/2009	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
6/2/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	
9/11/2009	<6,000	<200	<10	<10	<10	<10	<10	<10	
3/26/2010	<1,500	130	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
9/28/2010	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	DF
2/16/2011	--	--	--	--	--	--	--	--	SPH
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
9/29/2015	<150	72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
8/30/2016	<150	56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
A-2									
12/18/1998	--	--	--	--	--	--	--	--	SPH
3/18/1999	--	--	--	--	--	--	--	--	SPH
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	18,000	--	--	--	--	--	
11/21/2000	--	--	14,000	--	--	--	--	--	DUP
3/7/2001	--	--	5.8	--	--	--	--	--	
3/7/2001	--	--	5.2	--	--	--	--	--	DUP
5/1/2001	--	--	<2.5	--	--	--	--	--	
8/14/2001	--	--	<2.5	--	--	--	--	--	DUP
8/14/2001	--	--	<2.5	--	--	--	--	--	DUP
10/9/2001	--	--	<2.5	--	--	--	--	--	DUP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-2 Cont.									
10/9/2001	--	--	<2.5	--	--	--	--	--	DUP
1/18/2002	--	--	<2.5	--	--	--	--	--	DUP
1/18/2002	--	--	<2.5	--	--	--	--	--	DUP
4/5/2002	--	--	3.9	--	--	--	--	--	
4/5/2002	--	--	7.0	--	--	--	--	--	DUP
8/8/2002	--	--	<2.5	--	--	--	--	--	
10/31/2002	--	--	<2.5	--	--	--	--	--	
2/18/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	--	--	Past hold time
5/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
2/3/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Resurveyed 3/11/04
8/6/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/11/2004	<100	26	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/21/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/6/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	<10	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	<10	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	<10	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	<10	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
3/2/2009	<300	<10	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-2 Cont.									
6/2/2009	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
3/26/2010	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	<10	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	<10	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	<10	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	<10	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	<10	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	<10	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	<10	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2014	<150	<10	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
2/17/2015	<150	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
9/29/2015	<150	<10	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	<10	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	
A-3									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	<250	--	--	--	--	--	NP
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	6.5	--	--	--	--	--	
10/31/2002	--	--	13	--	--	--	--	--	
2/18/2003	<40	290	<0.50	<0.50	<0.50	<0.50	--	--	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-3 Cont.									
5/22/2003	<100	370	<0.50	<0.50	<0.50	<0.50	--	--	Past hold time
8/7/2003	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2003	<100	340	<0.50	<0.50	<0.50	<0.50	--	--	
2/3/2004	<100	290	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2004	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	Dry
11/11/2004	--	--	--	--	--	--	--	--	SPH
2/21/2005	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2005	<100	280	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Very little water
8/4/2005	<100	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/23/2005	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	220	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	260	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	NS
12/6/2006	<300	280	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/30/2007	--	--	--	--	--	--	--	--	SPH
2/26/2007	<300	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/20/2007	--	--	--	--	--	--	--	--	NS
5/29/2007	<300	320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<300	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NP, Insufficient water
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	<300	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	<300	370	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	<1,500	310	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-3 Cont.									
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	<600	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	<1,500	320	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	<1,500	370	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	<600	310	<1.0	<1.0	<1.0	1.8	<1.0	<1.0	
3/26/2010	<600	370	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
9/28/2010	<600	340	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/16/2011	<600	320	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
8/2/2011	<600	360	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/9/2012	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
8/29/2012	<150	320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	420	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	380	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	390	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2014	<150	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/17/2015	<150	370	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/29/2015	<150	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	360	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-4									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	<500	--	--	--	--	--	
10/31/2002	--	--	--	--	--	--	--	--	SPH
2/18/2003	<20,000	<10,000	390	<250	<250	<250	--	--	Past hold time
5/22/2003	--	--	--	--	--	--	--	--	SPH
8/7/2003	--	--	--	--	--	--	--	--	SPH
11/24/2003	--	--	--	--	--	--	--	--	SPH
5/6/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	Resurveyed 3/11/04
11/11/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
2/21/2005	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
6/2/2005	--	--	--	--	--	--	--	--	SPH
8/4/2005	--	--	--	--	--	--	--	--	SPH
11/23/2005	--	--	--	--	--	--	--	--	SPH
2/13/2006	<30,000	<2,000	<50	<50	<50	<50	<50	<50	
5/16/2006	<6,000	<400	22	<10	<10	<10	<10	<10	
9/5/2006	--	--	--	--	--	--	--	--	SPH
10/31/2006	--	--	--	--	--	--	--	--	SPH
12/6/2006	<6,000	<400	30	<10	<10	<10	<10	<10	
1/30/2007	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/26/2007	--	--	--	--	--	--	--	--	INA
4/20/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	<3,000	<200	24	<5.0	<5.0	<5.0	<5.0	<5.0	
6/29/2007	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-4 Cont.									
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<3,000	<200	27	<5.0	<5.0	<5.0	<5.0	<5.0	
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	<6,000	<400	25	<10	<10	<10	<10	<10	
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	SPH
4/16/2008	--	--	--	--	--	--	--	--	NSP, Oily material bailed
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	<300,000	<10,000	<500	<500	<500	<500	<500	<500	
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	SPH
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	SPH
12/18/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	SPH
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	SPH
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	SPH
3/26/2010	--	--	--	--	--	--	--	--	SPH
9/28/2010	--	--	--	--	--	--	--	--	SPH
2/16/2011	<1500	160	21	<2.5	<2.5	<2.5	<2.5	<2.5	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-4 Cont.									
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
9/29/2015	<150	120	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	90	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	88	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	61	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
A-5									
12/18/1998	--	--	--	--	--	--	--	--	SPH
3/18/1999	--	--	--	--	--	--	--	--	SPH
7/2/1999	--	--	--	--	--	--	--	--	SPH
9/28/1999	--	--	--	--	--	--	--	--	SPH
1/3/2000	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
10/31/2002	--	--	--	--	--	--	--	--	SPH
11/24/2003	--	--	--	--	--	--	--	--	SPH
5/6/2004	--	--	--	--	--	--	--	--	Resurveyed 3/11/04
11/11/2004	--	--	--	--	--	--	--	--	SPH
2/21/2005	--	--	--	--	--	--	--	--	SPH
6/2/2005	--	--	--	--	--	--	--	--	SPH
8/4/2005	--	--	--	--	--	--	--	--	SPH
11/23/2005	--	--	--	--	--	--	--	--	SPH
2/13/2006	--	--	--	--	--	--	--	--	SPH
5/16/2006	--	--	--	--	--	--	--	--	NS

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-5 Cont.									
9/5/2006	--	--	--	--	--	--	--	--	SPH
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	SPH
12/5/2006	--	--	--	--	--	--	--	--	SPH
1/30/2007	--	--	--	--	--	--	--	--	SPH
2/26/2007	<300,000	<20,000	<500	<500	<500	<500	<500	<500	
4/20/2007	--	--	--	--	--	--	--	--	NS
5/29/2007	--	--	--	--	--	--	--	--	SPH
6/29/2007	--	--	--	--	--	--	--	--	NS
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	--	--	--	--	--	--	--	--	SPH
9/19/2007	--	--	--	--	--	--	--	--	NSP
10/17/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	SPH
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	SPH
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	SPH
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	SPH
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	SPH
12/18/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	SPH

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-5 Cont.									
3/3/2009	--	--	--	--	--	--	--	--	SPH
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	SPH
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	SPH
3/26/2010	--	--	--	--	--	--	--	--	SPH
9/28/2010	--	--	--	--	--	--	--	--	SPH
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
A-6									
1/18/2002	--	--	310	--	--	--	--	--	
4/5/2002	--	--	230	--	--	--	--	--	
8/8/2002	--	--	100	--	--	--	--	--	
10/31/2002	--	--	170	--	--	--	--	--	
2/17/2003	<4,000	<2,000	91	<50	<50	<50	--	--	
5/22/2003	<10,000	<2,000	79	<50	<50	<50	--	--	Past hold time
8/7/2003	<5,000	<1,000	38	<25	<25	<25	<25	<25	
11/24/2003	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
8/6/2004	<5,000	<1,000	35	<25	<25	<25	<25	<25	
11/11/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
2/21/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
6/2/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
8/4/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/23/2005	<1,000	<200	19	<5.0	<5.0	<5.0	<5.0	<5.0	
2/13/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
5/16/2006	<300	120	23	<0.50	<0.50	1.6	<0.50	<0.50	
9/5/2006	<3,000	<200	26	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-6 Cont.									
12/6/2006	<300	97	20	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	150	21	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	98	15	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	75	12	<0.50	<0.50	<0.50	<0.50	<0.50	Insufficient water
11/29/2007	<300	79	11	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	16	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	19	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
3/2/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2009	<300	11	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	46	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	44	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	63	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	37	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	38	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	35	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	56	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	53	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	54	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2014	<150	32	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
2/17/2015	<150	47	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	
9/29/2015	<150	47	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	41	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	36	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	38	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
A-7									
1/18/2002	--	--	<50	--	--	--	--	--	
4/5/2002	--	--	<25	--	--	--	--	--	
8/8/2002	--	--	8.2	--	--	--	--	--	
10/31/2002	--	--	<50	--	--	--	--	--	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-7 Cont.									
2/17/2003	<200	210	<2.5	<2.5	<2.5	<2.5	--	--	
5/22/2003	<500	240	<2.5	<2.5	<2.5	<2.5	--	--	
8/7/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/24/2003	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	<500	300	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
8/6/2004	<100	240	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/11/2004	<200	280	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/21/2005	<200	260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
6/2/2005	<100	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2005	<100	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/23/2005	<100	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/5/2006	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Insufficient water
11/29/2007	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/2/2009	<300	94	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2009	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-7 Cont.									
3/25/2013	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2014	<150	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/17/2015	<150	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/29/2015	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
EX-1									
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
1/30/2007	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
4/20/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
6/29/2007	--	--	--	--	--	--	--	--	NSP
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	--	--	--	--	--	--	--	--	NSP
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	INA/NSP, Oversized vault lid
2/15/2008	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
EX-1 Cont.									
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-1									
7/2/1999	--	--	--	--	--	--	--	--	SPH
9/28/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
8/14/2001	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-1 Cont.									
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
5/22/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-2									
7/2/1999	--	--	--	--	--	--	--	--	SPH
4/1/2000	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-2 Cont.									
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	SPH
10/31/2002	--	--	--	--	--	--	--	--	SPH
5/22/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NS
10/31/2006	--	--	--	--	--	--	--	--	NS
11/13/2006	--	--	--	--	--	--	--	--	NS
12/6/2006	--	--	--	--	--	--	--	--	NS
1/30/2007	--	--	--	--	--	--	--	--	NS
2/26/2007	--	--	--	--	--	--	--	--	NS
4/20/2007	--	--	--	--	--	--	--	--	SPH
5/29/2007	--	--	--	--	--	--	--	--	SPH
6/29/2007	--	--	--	--	--	--	--	--	SPH
7/20/2007	--	--	--	--	--	--	--	--	SPH
9/19/2007	--	--	--	--	--	--	--	--	SPH
11/29/2007	--	--	--	--	--	--	--	--	NSP
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-2 Cont.									
3/28/2008	--	--	--	--	--	--	--	--	NSP
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-3									
7/2/1999	--	--	--	--	--	--	--	--	NSP
4/1/2000	--	--	--	--	--	--	--	--	NSP
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
5/1/2001	--	--	33	--	--	--	--	--	NSP
8/14/2001	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-3 Cont.									
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
8/7/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/6/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-4									
7/2/1999	--	--	--	--	--	--	--	--	NSP
4/1/2000	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-4 Cont.									
6/22/2000	--	--	--	--	--	--	--	--	NSP
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
5/1/2001	--	--	<2.5	--	--	--	--	--	
5/1/2001	--	--	<2.5	--	--	--	--	--	
8/14/2001	--	--	--	--	--	--	--	--	NSP
10/9/2001	--	--	--	--	--	--	--	--	NSP
1/18/2002	--	--	--	--	--	--	--	--	NSP
4/5/2002	--	--	--	--	--	--	--	--	NSP
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
2/17/2003	--	--	--	--	--	--	--	--	NSP
8/7/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	INA
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-4 Cont.									
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP

Symbols & Abbreviations:

-- = Not analyzed/sampled

< = Not detected at or above specified laboratory reporting limit

1,2-DCA = 1,2-Dichloroethane

DIPE = Diisopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

µg/L = Micrograms per liter

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

DRY = Well dry during gauging; not sampled

DUP = Duplicate sample

DF = Reporting limits elevated due to matrix interferences

INA = Well inaccessible

N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

NP = Well not purged prior to sampling

NS = Well not sampled

NSP = Well not sampled this event, in accordance with groundwater sampling schedule

SPH = Well not sampled due to the presence of separate-phase hydrocarbons

a = Method 8260B: The samples were collected in properly preserved vials for analysis of volatile organic compounds. However, the pH of 3 was outside the required criteria when verified by the laboratory, and corrective action was not possible.

Notes:

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

Atlantic Field Operations
 Atlantic Field Operations
 Atlantic Field Operations
 Atlantic Field Operations

Date	Notes	A		A		A		A	
		A	Mitre	A	Mitre	A	Mitre	A	Mitre
		Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
		Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed

Notes
 These sources installed and/or reduced in cells A and A
 These sources installed and/or reduced in cells A and A

The data in this table collected prior to move per sources provided to Project Associates and Project Atlantic
 Field Operations and their previous contacts. Project Associates not verified the accuracy of this information

Table 5. Summary of Groundwater Gradient - Direction and Magnitude

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Date Measured	Approximate Gradient Direction	Approximate Gradient Magnitude (ft/ft)
8/8/2002	WNW	0.110
10/31/2002	NNW	0.062
2/18/2003	NW	0.100
5/22/2003	S	0.049
8/7/2003	SE	0.056
11/24/2003	SW	0.050
2/3/2004	W	0.057
5/6/2004	WSW	0.083
7/30/2004	SSE	0.048
11/11/2004	SW	0.120
2/21/2005	SW	0.200
6/2/2005	ESE	0.400
8/4/2005	ESE	0.800
11/23/2005	W	0.060
2/13/2006	W	0.030
5/16/2006	W and NW	0.016 to 0.060
9/5/2006	SSW	0.025
12/6/2006	SW	0.069
2/26/2007	SW	0.090
5/29/2007	SW	0.054
8/22/2007	W	0.025
11/29/2007	NE	0.031
3/28/2008	NE	0.120
6/19/2008	ENE	0.040
9/18/2008	NE	0.103
12/4/2008	NE	0.085
3/2/2009	NE	1.670
6/2/2009	NE and NW	0.064 to 0.067
9/11/2009	NE and W	0.182 to 0.250
3/26/2010	WNW	0.093
9/28/2010	NW	0.046
2/16/2011	NW to E	0.076 to 0.11
8/2/2011	N to ENE	0.05 to 0.07
2/9/2012	NW	0.05
8/29/2012	WNW	0.10
3/25/2013	WNW	0.13
8/29/2013	NW	0.08
2/26/2014	WNW	0.049
2/17/2015	NW	0.082
9/29/2015	W	0.03
2/18/2016	NW	0.06
8/30/2016	NW	0.07
1/19/2017	NW	0.07

Table 5. Summary of Groundwater Gradient - Direction and Magnitude

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Date Measured	Approximate Gradient Direction	Approximate Gradient Magnitude (ft/ft)
---------------	--------------------------------	--

Notes:

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

APPENDIX A

PERMIT



Soil Boring Permit

Permit Number: 0022887

PE Number: 4301

Date Received: January 09, 2017

WP Number: WP0022887

Issued By: ROBERT GRIBBEN

Date Issued: 10-Jan-2017

Date Expires: 11-Jul-2017

Intended Use: SOIL BORING

of Borings or Well ID: FOUR BORINGS

The issuance of this permit by Contra Costa County Environmental Health Division does not guarantee a satisfactory and an indefinite operation of any well. Permit expires in 180 calendar days from date of approval. Permits are non-transferable, and can be suspended or revoked. If more time is required for the project, a time extension may be granted if reasons warrant it in writing.

Project Site Information

Site Address: 2696- 2830 PINOLE VALLEY ROAD, PINOLE

APN: 401 310 021

Lot/Parcel #:

Subdivision #:

Minor Subdivision #:

Driller/Consultant Information

Driller: CASCADE DRILLING L P

Phone #: 510-478-0858

Consultant: BROADBENT & ASSOCIATES

Phone #: 530-566-1400

Contact Person: RALPH MCGAHEY

E-Mail or Fax#: rmcgahey@cascade-env.com

Contact Person: JASON DUDA

E-Mail or Fax#: jduda@broadbentinc.com

Legal Owner Information

Property Owner: SCG PINOLE VALLEY SHOPPING CTR

Owner Address: 208 VINTAGE STE 100

City/State/Zip: NOVATO, CA 94945

Phone #: Not Specified

Responsible Party: ATLANTIC RICHFIELD COMPANY

Address: 4 CENTERPOINTE DRIVE

City/State/Zip: LA PALMA, CA 90623

Phone #: 657-529-4503

Prior to any drilling construction or destruction of a well, requests for inspection appointment must be received 48 hours in advance (excluding weekends, holidays, and Mandatory County Furlough Days) by faxing your written request to (925) 692-2504 or e-mail to ehlu@hsd.cccounty.us. Voice mail messages are not acceptable.

Well drillers must possess a valid C-57 license and must have on file a performance bond of \$5,000.00 with Contra Costa County before commencing with any well construction, destruction or repairs.

Soil Boring Permit Conditions:

1. Soil Boring shall be destroyed pursuant to County regulations within 30 days of completing monitoring activities.
2. _____

Final Approval by: _____

R. Gribben

Date: _____

1-25-17

1/25/17

APPENDIX B

BROADBENT INVESTIGATIVE ACTIVITIES DATA
(Includes Field Sheets and Boring Logs)



DAILY REPORT

Page 1 of 1

Project: 80/ARCO 6728 Project No.: 09-88-709
Field Representative(s): T. Potter Day: Monday Date: 1/13/17
Time Onsite: From: 0630 To: : From: To: ; From: To:

- Signed HASP Safety Glasses Hard Hat Steel Toe Boots Safety Vest
N/A UST Emergency System Shut-off Switches Located Proper Gloves
Proper Level of Barricading Other PPE (describe)

Weather: Partly cloudy - scattered rain showers

Equipment In Use:

Visitors: Pair of security from Guardian Security Agency

TIME:

WORK DESCRIPTION:

0500 Load up truck
0530 Leave office
0630 Arrive site start paperwork; barricade on site.
14.5 minutes; crew setup and crew setting up on SB-1
0830 Start ground disturbance w/ back hammer
0940 SB-1 to 6.5' cleared for 15" Auger Area cleanup and backfill started
1130 Setting up on SB-2
1040 Break Ground on SB-2
1200 Complete SB-2 - area cleanup and site -> setting up on SB-3
12-1230 Lunch for Cascade
1230 Backfill setting up on SB-3
1300-1420 Clear SB-3 to 6.5' - water encountered - Backfill w/ native
1510-1630 Cleared to 4' found gravel to possible utility, Did not proceed due to lack of consistency with other borings. Abandoned hole
1645-1730 Site Clean up for Day
1730 OFF SITE
1830 ARRIVE OFFICE

Signature:

[Handwritten signature]

Project: BP 6228 Project No.: 09-88-709
Field Representative(s): Jason Duda + Tom Potter Day: Tues Date: 1-24-17
Time Onsite: From: _____ To: _____; From: _____ To: _____; From: _____ To: _____

- Signed HASP Safety Glasses Hard Hat Steel Toe Boots Safety Vest
 UST Emergency System Shut-off Switches Located Proper Gloves
 Proper Level of Barricading Other PPE (describe) Hearing Protection

Weather: Overcast, Cool

Equipment In Use: HSA Drill Rig, Air Knife

Visitors: _____

TIME:

WORK DESCRIPTION:

TIME:	WORK DESCRIPTION:
6:30	Safety mtg. + paperwork
7:10	Begin setup.
7:45	Begin drilling @ SB-1
8:30	Collect shallow GW sample @ (SB-1-20')
	Continue drilling
11:15	Reach 60' - no sign of bedrock layer
	Break for lunch
12:00	Continue to 80' bgs
	Push to 85' bgs - heavy hydrocarbon odor @ 85'
	Collect soil sample SB-1-85'
	Collect soil sample @ SB-1-90'
	Collect soil sample @ SB-1-95'
	Soil appears completely dry.
14:30	Begin prep. for grouting. Tremie grout
15:30	Finish grouting. Begin site cleanup.
17:30	Offsite

Signature: 

(925) 383-4982 - Robert



DAILY REPORT

Page 1 of 1

Project: BP/ARLO 6228 Project No.: 09-88-705

Field Representative(s): T. Potter Day: TUES Date: 2-24-17

Time Onsite: From: 0630 To: ; From: To: ; From: To:

- Signed HASP
- Safety Glasses
- Hard Hat
- Steel Toe Boots
- Safety Vest
- N/A/UST Emergency System Shut-off Switches Located
- Proper Gloves
- Proper Level of Barricading
- Other PPE (describe) Hearing Protection

Weather: Cloudy temps in 40's

Equipment In Use:

Visitors:

TIME:	WORK DESCRIPTION:
0605	ARRIVE SITE - Pick up checked equipment for days activities
0530	Leave office for site
0630	Arrive site start paperwork this meeting w/ Cascade crew
0700	Drill rig setting up on SB-1; Air knife crew completing that attempt at SB-4
0830	Air knife setting up on SB-4 new location
0845	Back ground on SB-4
1030	New SB-4 same issue at approx 35' Bas - Backfill gravel in former UST Basin. Bore hole will be abandoned,
1130	Borehole filled, compacted and completed to surface
1230	Air knife crew off site
1230-1430	Spec Drilling Activities on SB-1
1500-1430	OFF SITE
1530	ARRIVE OFFICE

Signature: [Handwritten Signature]



DAILY REPORT

Page ___ of ___

Project: BP/ARCO 6228 Project No.: 0988709

Field Representative(s): T. Potter Day: Wed Date: 1-25-17

Time Onsite: From: 0630 To: _____ : From: _____ To: _____ ; From: _____ To: _____

Signed HASP Safety Glasses Hard Hat Steel Toe Boots Safety Vest

UST Emergency System Shut-off Switches Located Proper Gloves

Proper Level of Barricading Other PPE (describe) _____

Weather: Clear skies

Equipment In Use: _____

Visitors: _____

TIME:	WORK DESCRIPTION:
0500	ARRIVE SHOP - Collect support equipment and MOB to site
0530	Leave Shop
0630	ON SITE H/S meetings R.I.s Inspection job site set up
0730	Start drilling SB-2
0930	Drilled, sampled and backfilled SB-2 - TD=20'
1000	Setting up on SB-3
1200	Drilled to 50' - let stand for water to accumulate - Appears to be a confining layer @ 48' to unknown depth - Soil is dry water bearing area unknown in this boring.
1230	Sampled water in SB-3 preparing to abandon borehole - Regulator ^{off site}
1430	Borehole grouted - down in progress + surface completion prep work started. Regulator off site
1630	Cleanup Complete - SB-3 Surface completion complete. Crew moving drums to Arco facility - Drum Count = 5 Water @ 12 Soil total 17 Drums.
1700	OFF SITE
1745	ARRIVE OFFICE
1800	Complete sample cold storage and Post Job MOB Equipment storage.

Signature: [Signature]

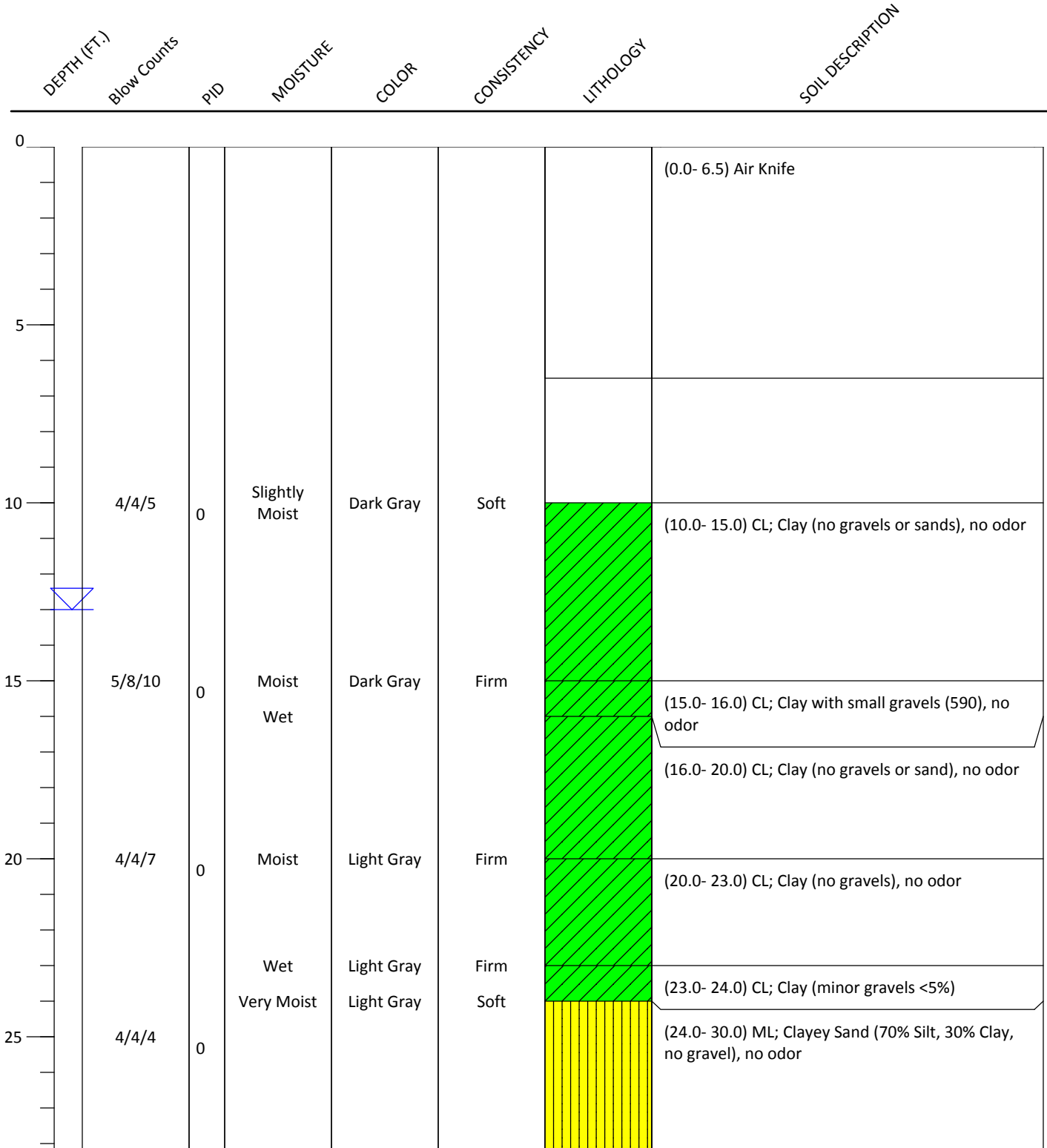


LITHOLOGIC LOG

PROJECT NAME: BP 6228
 SITE ADDRESS: 2747 Pinole Valley Rd.
 WELL ID: SB-1
 START: 7:45
 DIAMETER: 8"

PROJECT NUMBER: 09-88-709
 DRILLING COMPANY: Cascade
 DRILLING METHOD: HSA
 STOP: 14:30
 SCREEN SLOT SIZE: N/A

DATE: 1/24/2017
 SAMPLE METHOD: Split Spoon
 DRILLER: Amador Arroyo
 LOGGED BY: Jason Duda
 SAND SIZE: N/A





LITHOLOGIC LOG

PROJECT NAME: BP 6228
 SITE ADDRESS: 2747 Pinole Valley Rd.
 WELL ID: SB-1
 START: 7:45
 DIAMETER: 8"

PROJECT NUMBER: 09-88-709
 DRILLING COMPANY: Cascade
 DRILLING METHOD: HSA
 STOP: 14:30
 SCREEN SLOT SIZE: N/A

DATE: 1/24/2017
 SAMPLE METHOD: Split Spoon
 DRILLER: Amador Arroyo
 LOGGED BY: Jason Duda
 SAND SIZE: N/A



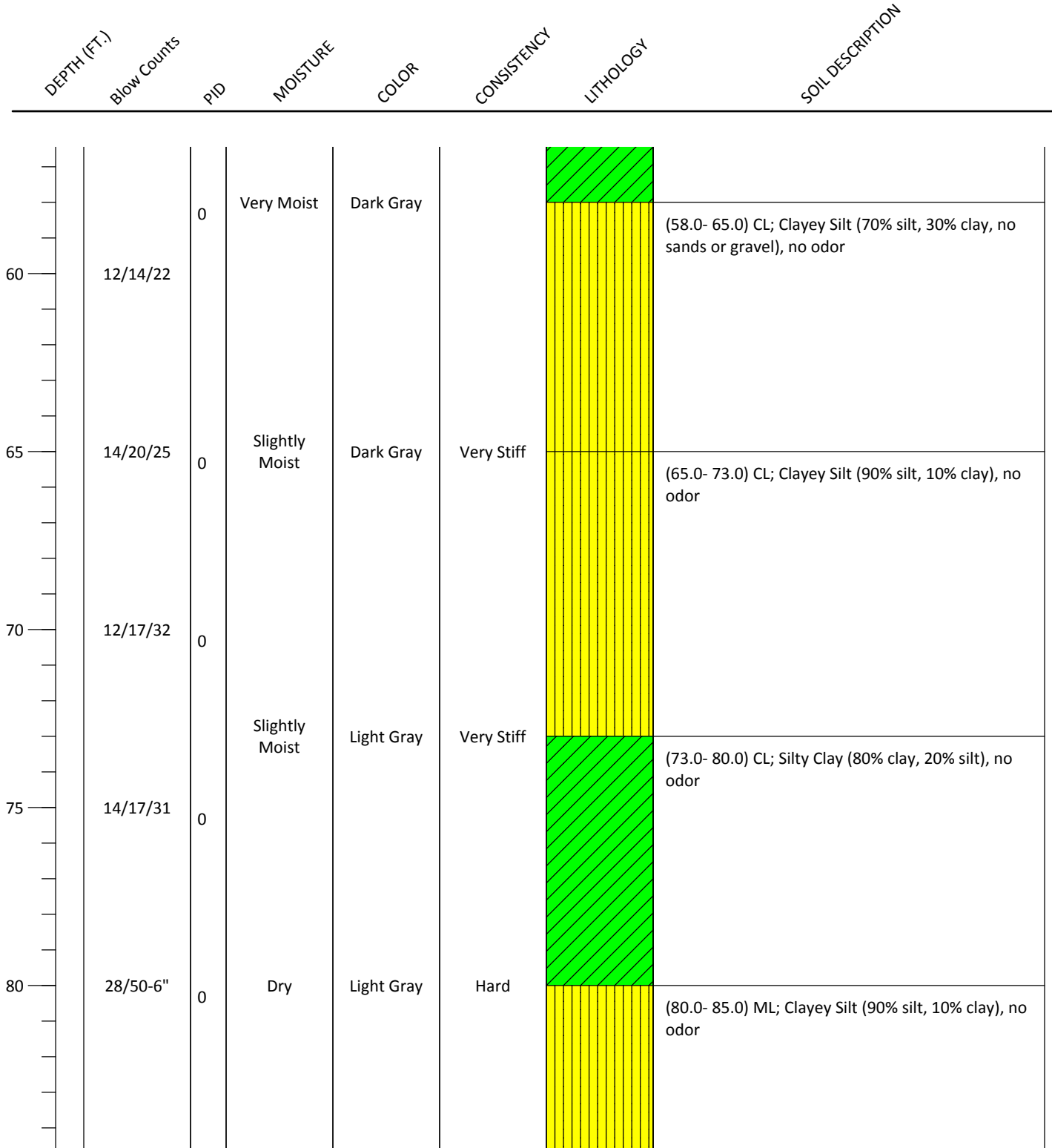


LITHOLOGIC LOG

PROJECT NAME: BP 6228
 SITE ADDRESS: 2747 Pinole Valley Rd.
 WELL ID: SB-1
 START: 7:45
 DIAMETER: 8"

PROJECT NUMBER: 09-88-709
 DRILLING COMPANY: Cascade
 DRILLING METHOD: HSA
 STOP: 14:30
 SCREEN SLOT SIZE: N/A

DATE: 1/24/2017
 SAMPLE METHOD: Split Spoon
 DRILLER: Amador Arroyo
 LOGGED BY: Jason Duda
 SAND SIZE: N/A





LITHOLOGIC LOG

PROJECT NAME: BP 6228
 SITE ADDRESS: 2747 Pinole Valley Rd.
 WELL ID: SB-1
 START: 7:45
 DIAMETER: 8"

PROJECT NUMBER: 09-88-709
 DRILLING COMPANY: Cascade
 DRILLING METHOD: HSA
 STOP: 14:30
 SCREEN SLOT SIZE: N/A

DATE: 1/24/2017
 SAMPLE METHOD: Split Spoon
 DRILLER: Amador Arroyo
 LOGGED BY: Jason Duda
 SAND SIZE: N/A

DEPTH (FT.)	Blow Counts	PID	MOISTURE	COLOR	CONSISTENCY	LITHOLOGY	SOIL DESCRIPTION
85	17/24/38	61	Dry	Dark Gray	Very Stiff		(85.0- 90.0) ML; Clayey Silt (95% silt, 5% clay), strong hydrocarbon odor
90	39/50-5"	480	Dry	Dark Gray	Hard		(90.0- 95.0) ML; Siltstone, strong hydrocarbon odor
95	50-6"	449	Dry	Dark Gray	Hard		(95.0- 96.0) ML; Claystone, siltstone, strong hydrocarbon odor
100							



LITHOLOGIC LOG

PROJECT NAME: BP 6228
 SITE ADDRESS: 2747 Pinole Valley Rd.
 WELL ID: SB-2
 START: 8:30
 DIAMETER: 8"

PROJECT NUMBER: 09-88-709
 DRILLING COMPANY: Cascade
 DRILLING METHOD: HSA
 STOP: 9:15
 SCREEN SLOT SIZE: n/a

DATE: 1/25/2017
 SAMPLE METHOD: Split Spoon
 DRILLER: Amador Arroyo
 LOGGED BY: Jason Duda
 SAND SIZE: n/a

DEPTH (FT.)	Blow Counts	PID	MOISTURE	COLOR	CONSISTENCY	LITHOLOGY	SOIL DESCRIPTION
0							(0.0- 6.5) Air Knife
5			Damp to Dry	Black	Plastic		(6.5- 8.0) CL; Clay no sand or gravel
10	9/10/13	0	Slightly Moist	Dark Gray	Very Stiff		(8.0- 18.0) CL; Clay no sand or gravel, no odor
15	10/10/10	0					
20	4/4/9	0	Wet	Olive Brown	Stiff		(18.0- 20.0) ML; Clayey Silt (80% silt, 20% clay), no odor
25							



LITHOLOGIC LOG

PROJECT NAME: BP 6228
 SITE ADDRESS: 2747 Pinole Valley Rd.
 WELL ID: SB-3
 START: 10:25
 DIAMETER: 8"

PROJECT NUMBER: 09-88-709
 DRILLING COMPANY: Cascade
 DRILLING METHOD: HSA
 STOP: 12:00
 SCREEN SLOT SIZE: n/a

DATE: 1/25/2017
 SAMPLE METHOD: Split Spoon
 DRILLER: Amador Arroyo
 LOGGED BY: Jason Duda
 SAND SIZE: n/a

DEPTH (FT.)	Blow Counts	PID	MOISTURE	COLOR	CONSISTENCY	LITHOLOGY	SOIL DESCRIPTION
0							(0.0- 6.5) Air Knife
5			Damp/Dry	Black	Plastic/Hard		(6.5- 10.0) CL; Clay, no odor
10	3/6/10	0	Slightly Moist	Dark Gray	Very Stiff		(10.0- 15.0) CL; Clay, no odor
15	6/6/12	427	Slightly Moist	Light Gray	Hard		(15.0- 20.0) CL; Clay, slight hydrocarbon odor
20	8/12/16		Moist	Brown/Gray	Hard		(20.0- 25.0) CL; Clay, no odor
25	4/7/12	0	Slightly Moist	Brown	Firm		(25.0- 30.0) CL; Silty Clay, 65% clay, 35% silt, plasticity, no odor


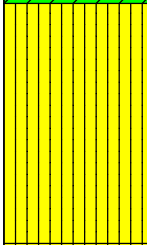
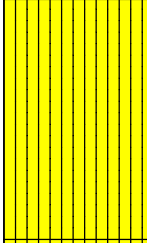
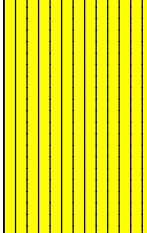
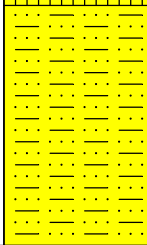


LITHOLOGIC LOG

PROJECT NAME: BP 6228
 SITE ADDRESS: 2747 Pinole Valley Rd.
 WELL ID: SB-3
 START: 10:25
 DIAMETER: 8"

PROJECT NUMBER: 09-88-709
 DRILLING COMPANY: Cascade
 DRILLING METHOD: HSA
 STOP: 12:00
 SCREEN SLOT SIZE: n/a

DATE: 1/25/2017
 SAMPLE METHOD: Split Spoon
 DRILLER: Amador Arroyo
 LOGGED BY: Jason Duda
 SAND SIZE: n/a

DEPTH (FT.)	Blow Counts	PID	MOISTURE	COLOR	CONSISTENCY	LITHOLOGY	SOIL DESCRIPTION
30	8/16/20	0	Dry	Blue Green	Firm		
35	12/17/20	0	Dry	Brown	Firm		(30.0- 35.0) ML; Clayey Silt, 90% silt 10% clay, non plastic, no odor
40	9/16/22	0	Dry	Olive Brown	Very Firm		(35.0- 40.0) ML; Clayey Silt, 90% silt 10% clay, slight plasticity, no odor
45	50-6"	0	Dry	Light Gray	Hard		(40.0- 45.0) ML; Silt, no odor
50	32/50-5"						(45.0- 50.0) ML; Siltstone, no odor, H2O sample SB-3@50'

APPENDIX C

CERTIFIED LABORATORY ANALYTICAL REPORT WITH CHAIN-OF-CUSTODY DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-175159-1
Client Project/Site: ARCO 6228, Pinole

For:
Broadbent & Associates, Inc.
1370 Ridgewood Drive
Suite 5
Chico, California 95973

Attn: Mr. Jason Duda



*Authorized for release by:
2/8/2017 1:51:12 PM*

Kathleen Robb, Project Manager II
(949)261-1022
kathleen.robbs@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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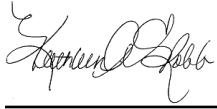
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The results listed in this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BP LaMP Technical Specification, applicable federal, state and local regulation and certification requirements as well as the methodologies as described in the laboratory SOPs reviewed by the BP LaMP. This Laboratory report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an intergral part of this report.



Kathleen Robb
Project Manager II
2/8/2017 1:51:12 PM



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Sample Summary

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-175159-1	SB-1-20'	Water	01/24/17 08:30	01/31/17 09:30
440-175159-2	SB-2-20'	Water	01/25/17 08:45	01/31/17 09:30
440-175159-3	SB-3-50'	Water	01/25/17 12:55	01/31/17 09:30

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Case Narrative

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Job ID: 440-175159-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-175159-1

Comments

No additional comments.

Receipt

The samples were received on 1/31/2017 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 440-385396 The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.(LCS 440-385396/2-A)

Method(s) 8015B: Surrogate recovery for the following sample was outside control limits: SB-3-50' (440-175159-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C: The following sample was received with less than 1 day remaining on the holding time. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-1-20' (440-175159-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Client Sample ID: SB-1-20'

Lab Sample ID: 440-175159-1

Date Collected: 01/24/17 08:30

Matrix: Water

Date Received: 01/31/17 09:30

Method: 8260B/5030B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			02/03/17 13:56	1
1,2-Dichloroethane	ND		0.50	ug/L			02/03/17 13:56	1
Benzene	ND		0.50	ug/L			02/03/17 13:56	1
Ethanol	ND		150	ug/L			02/03/17 13:56	1
Ethylbenzene	ND		0.50	ug/L			02/03/17 13:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	ug/L			02/03/17 13:56	1
Isopropyl Ether (DIPE)	ND		0.50	ug/L			02/03/17 13:56	1
m,p-Xylene	ND		1.0	ug/L			02/03/17 13:56	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	ug/L			02/03/17 13:56	1
Naphthalene	ND		1.0	ug/L			02/03/17 13:56	1
o-Xylene	ND		0.50	ug/L			02/03/17 13:56	1
Tert-amyl-methyl ether (TAME)	ND		0.50	ug/L			02/03/17 13:56	1
tert-Butyl alcohol (TBA)	ND		10	ug/L			02/03/17 13:56	1
Toluene	ND		0.50	ug/L			02/03/17 13:56	1
Xylenes, Total	ND		1.0	ug/L			02/03/17 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		02/03/17 13:56	1
Dibromofluoromethane (Surr)	103		76 - 132		02/03/17 13:56	1
Toluene-d8 (Surr)	116		80 - 128		02/03/17 13:56	1

Method: 8015B/5030B - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50	ug/L			02/06/17 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		65 - 140		02/06/17 13:18	1

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	330	BU	51	ug/L		02/01/17 07:25	02/02/17 09:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	48		45 - 120	02/01/17 07:25	02/02/17 09:43	1

Client Sample Results

Client: Broadbent & Associates, Inc.
 Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Client Sample ID: SB-2-20'

Lab Sample ID: 440-175159-2

Date Collected: 01/25/17 08:45

Matrix: Water

Date Received: 01/31/17 09:30

Method: 8260B/5030B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			02/03/17 14:26	1
1,2-Dichloroethane	ND		0.50	ug/L			02/03/17 14:26	1
Benzene	ND		0.50	ug/L			02/03/17 14:26	1
Ethanol	ND		150	ug/L			02/03/17 14:26	1
Ethylbenzene	0.54		0.50	ug/L			02/03/17 14:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	ug/L			02/03/17 14:26	1
Isopropyl Ether (DIPE)	ND		0.50	ug/L			02/03/17 14:26	1
m,p-Xylene	4.6		1.0	ug/L			02/03/17 14:26	1
Methyl-t-Butyl Ether (MTBE)	1.3		0.50	ug/L			02/03/17 14:26	1
Naphthalene	ND		1.0	ug/L			02/03/17 14:26	1
o-Xylene	1.3		0.50	ug/L			02/03/17 14:26	1
Tert-amyl-methyl ether (TAME)	ND		0.50	ug/L			02/03/17 14:26	1
tert-Butyl alcohol (TBA)	ND		10	ug/L			02/03/17 14:26	1
Toluene	1.2		0.50	ug/L			02/03/17 14:26	1
Xylenes, Total	5.9		1.0	ug/L			02/03/17 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		02/03/17 14:26	1
Dibromofluoromethane (Surr)	105		76 - 132		02/03/17 14:26	1
Toluene-d8 (Surr)	113		80 - 128		02/03/17 14:26	1

Method: 8015B/5030B - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50	ug/L			02/06/17 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		65 - 140		02/06/17 13:45	1

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	360		50	ug/L		02/01/17 07:25	02/02/17 10:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	59		45 - 120	02/01/17 07:25	02/02/17 10:05	1

Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Client Sample ID: SB-3-50'

Lab Sample ID: 440-175159-3

Date Collected: 01/25/17 12:55

Matrix: Water

Date Received: 01/31/17 09:30

Method: 8260B/5030B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			02/03/17 14:56	1
1,2-Dichloroethane	ND		0.50	ug/L			02/03/17 14:56	1
Benzene	0.87		0.50	ug/L			02/03/17 14:56	1
Ethanol	ND		150	ug/L			02/03/17 14:56	1
Ethylbenzene	ND		0.50	ug/L			02/03/17 14:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	ug/L			02/03/17 14:56	1
Isopropyl Ether (DIPE)	ND		0.50	ug/L			02/03/17 14:56	1
m,p-Xylene	2.4		1.0	ug/L			02/03/17 14:56	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	ug/L			02/03/17 14:56	1
Naphthalene	ND		1.0	ug/L			02/03/17 14:56	1
o-Xylene	0.74		0.50	ug/L			02/03/17 14:56	1
Tert-amyl-methyl ether (TAME)	ND		0.50	ug/L			02/03/17 14:56	1
tert-Butyl alcohol (TBA)	ND		10	ug/L			02/03/17 14:56	1
Toluene	2.0		0.50	ug/L			02/03/17 14:56	1
Xylenes, Total	3.1		1.0	ug/L			02/03/17 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		02/03/17 14:56	1
Dibromofluoromethane (Surr)	102		76 - 132		02/03/17 14:56	1
Toluene-d8 (Surr)	113		80 - 128		02/03/17 14:56	1

Method: 8015B/5030B - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	140		50	ug/L			02/06/17 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		65 - 140		02/06/17 14:13	1

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	6000		48	ug/L		02/01/17 07:25	02/02/17 10:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	43	LG	45 - 120	02/01/17 07:25	02/02/17 10:26	1

Method Summary

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Method	Method Description	Protocol	Laboratory
8260B/5030B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B/5030B	Gasoline Range Organics (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC) Low Level	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022



Lab Chronicle

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Client Sample ID: SB-1-20'

Date Collected: 01/24/17 08:30

Date Received: 01/31/17 09:30

Lab Sample ID: 440-175159-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/5030B		1	10 mL	10 mL	386290	02/03/17 13:56	AA	TAL IRV
Total/NA	Analysis	8015B/5030B		1	10 mL	10 mL	386670	02/06/17 13:18	TCN	TAL IRV
Total/NA	Prep	3510C			990 mL	1 mL	385396	02/01/17 07:25	L2A	TAL IRV
Total/NA	Analysis	8015B		1			385991	02/02/17 09:43	JM	TAL IRV

Client Sample ID: SB-2-20'

Date Collected: 01/25/17 08:45

Date Received: 01/31/17 09:30

Lab Sample ID: 440-175159-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/5030B		1	10 mL	10 mL	386290	02/03/17 14:26	AA	TAL IRV
Total/NA	Analysis	8015B/5030B		1	10 mL	10 mL	386670	02/06/17 13:45	TCN	TAL IRV
Total/NA	Prep	3510C			1000 mL	1 mL	385396	02/01/17 07:25	L2A	TAL IRV
Total/NA	Analysis	8015B		1			385991	02/02/17 10:05	JM	TAL IRV

Client Sample ID: SB-3-50'

Date Collected: 01/25/17 12:55

Date Received: 01/31/17 09:30

Lab Sample ID: 440-175159-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/5030B		1	10 mL	10 mL	386290	02/03/17 14:56	AA	TAL IRV
Total/NA	Analysis	8015B/5030B		1	10 mL	10 mL	386670	02/06/17 14:13	TCN	TAL IRV
Total/NA	Prep	3510C			1050 mL	1 mL	385396	02/01/17 07:25	L2A	TAL IRV
Total/NA	Analysis	8015B		1			385991	02/02/17 10:26	JM	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Broadbent & Associates, Inc.
 Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Method: 8260B/5030B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-386290/4
Matrix: Water
Analysis Batch: 386290

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			02/03/17 10:30	1
1,2-Dichloroethane	ND		0.50	ug/L			02/03/17 10:30	1
Benzene	ND		0.50	ug/L			02/03/17 10:30	1
Ethanol	ND		150	ug/L			02/03/17 10:30	1
Ethylbenzene	ND		0.50	ug/L			02/03/17 10:30	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	ug/L			02/03/17 10:30	1
Isopropyl Ether (DIPE)	ND		0.50	ug/L			02/03/17 10:30	1
m,p-Xylene	ND		1.0	ug/L			02/03/17 10:30	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	ug/L			02/03/17 10:30	1
Naphthalene	ND		1.0	ug/L			02/03/17 10:30	1
o-Xylene	ND		0.50	ug/L			02/03/17 10:30	1
Tert-amyl-methyl ether (TAME)	ND		0.50	ug/L			02/03/17 10:30	1
tert-Butyl alcohol (TBA)	ND		10	ug/L			02/03/17 10:30	1
Toluene	ND		0.50	ug/L			02/03/17 10:30	1
Xylenes, Total	ND		1.0	ug/L			02/03/17 10:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		80 - 120		02/03/17 10:30	1
Dibromofluoromethane (Surr)	105		76 - 132		02/03/17 10:30	1
Toluene-d8 (Surr)	113		80 - 128		02/03/17 10:30	1

Lab Sample ID: LCS 440-386290/5
Matrix: Water
Analysis Batch: 386290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	25.0	26.8		ug/L		107	70 - 130
1,2-Dichloroethane	25.0	27.0		ug/L		108	57 - 138
Benzene	25.0	26.0		ug/L		104	68 - 130
Ethanol	1000	1020		ug/L		102	50 - 149
Ethylbenzene	25.0	25.3		ug/L		101	70 - 130
Ethyl-t-butyl ether (ETBE)	25.0	27.4		ug/L		110	60 - 136
Isopropyl Ether (DIPE)	25.0	27.2		ug/L		109	58 - 139
m,p-Xylene	25.0	27.1		ug/L		108	70 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	26.8		ug/L		107	63 - 131
Naphthalene	25.0	26.5		ug/L		106	60 - 140
o-Xylene	25.0	26.6		ug/L		106	70 - 130
Tert-amyl-methyl ether (TAME)	25.0	25.8		ug/L		103	57 - 139
tert-Butyl alcohol (TBA)	250	279		ug/L		112	70 - 130
Toluene	25.0	25.4		ug/L		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	103		76 - 132
Toluene-d8 (Surr)	108		80 - 128

TestAmerica Irvine

QC Sample Results

Client: Broadbent & Associates, Inc.
 Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Method: 8260B/5030B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-386290/6
Matrix: Water
Analysis Batch: 386290

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	25.0	27.1		ug/L		109	70 - 130	1	20
1,2-Dichloroethane	25.0	26.6		ug/L		106	57 - 138	2	20
Benzene	25.0	26.4		ug/L		106	68 - 130	2	20
Ethanol	1000	1040		ug/L		104	50 - 149	2	30
Ethylbenzene	25.0	25.1		ug/L		100	70 - 130	1	20
Ethyl-t-butyl ether (ETBE)	25.0	27.2		ug/L		109	60 - 136	1	20
Isopropyl Ether (DIPE)	25.0	27.5		ug/L		110	58 - 139	1	20
m,p-Xylene	25.0	26.9		ug/L		107	70 - 130	1	20
Methyl-t-Butyl Ether (MTBE)	25.0	27.5		ug/L		110	63 - 131	2	25
Naphthalene	25.0	25.8		ug/L		103	60 - 140	3	25
o-Xylene	25.0	26.7		ug/L		107	70 - 130	0	20
Tert-amyl-methyl ether (TAME)	25.0	26.1		ug/L		104	57 - 139	1	25
tert-Butyl alcohol (TBA)	250	280		ug/L		112	70 - 130	0	20
Toluene	25.0	25.5		ug/L		102	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	104		76 - 132
Toluene-d8 (Surr)	110		80 - 128

Lab Sample ID: 550-76724-A-1 MS
Matrix: Water
Analysis Batch: 386290

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		25.0	26.5		ug/L		106	70 - 131
1,2-Dichloroethane	ND		25.0	24.9		ug/L		100	56 - 146
Benzene	ND		25.0	25.5		ug/L		102	66 - 130
Ethanol	660		1000	1590		ug/L		93	54 - 150
Ethylbenzene	ND		25.0	26.2		ug/L		105	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.6		ug/L		99	70 - 130
Isopropyl Ether (DIPE)	ND		25.0	25.0		ug/L		100	64 - 138
m,p-Xylene	ND		25.0	27.4		ug/L		110	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.5		ug/L		98	70 - 130
Naphthalene	ND		25.0	26.4		ug/L		105	60 - 140
o-Xylene	ND		25.0	25.9		ug/L		104	70 - 133
Tert-amyl-methyl ether (TAME)	ND		25.0	23.9		ug/L		96	68 - 133
tert-Butyl alcohol (TBA)	ND		250	275		ug/L		110	70 - 130
Toluene	ND		25.0	26.3		ug/L		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	99		76 - 132
Toluene-d8 (Surr)	113		80 - 128

QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Method: 8260B/5030B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 550-76724-A-1 MSD
Matrix: Water
Analysis Batch: 386290

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		25.0	26.0		ug/L		104	70 - 131	2	25
1,2-Dichloroethane	ND		25.0	24.5		ug/L		98	56 - 146	1	20
Benzene	ND		25.0	24.7		ug/L		99	66 - 130	3	20
Ethanol	660		1000	1590		ug/L		93	54 - 150	0	30
Ethylbenzene	ND		25.0	25.6		ug/L		102	70 - 130	2	20
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.8		ug/L		99	70 - 130	0	25
Isopropyl Ether (DIPE)	ND		25.0	25.3		ug/L		101	64 - 138	1	25
m,p-Xylene	ND		25.0	27.2		ug/L		109	70 - 133	1	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.6		ug/L		99	70 - 130	0	25
Naphthalene	ND		25.0	26.2		ug/L		105	60 - 140	1	30
o-Xylene	ND		25.0	25.2		ug/L		101	70 - 133	3	20
Tert-amyl-methyl ether (TAME)	ND		25.0	23.5		ug/L		94	68 - 133	2	30
tert-Butyl alcohol (TBA)	ND		250	278		ug/L		111	70 - 130	1	25
Toluene	ND		25.0	26.5		ug/L		104	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	97		76 - 132
Toluene-d8 (Surr)	110		80 - 128

Method: 8015B/5030B - Gasoline Range Organics (GC)

Lab Sample ID: MB 440-386670/34
Matrix: Water
Analysis Batch: 386670

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50	ug/L			02/06/17 11:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		65 - 140		02/06/17 11:31	1

Lab Sample ID: LCS 440-386670/33
Matrix: Water
Analysis Batch: 386670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	800	729		ug/L		91	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		65 - 140

TestAmerica Irvine

QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Method: 8015B/5030B - Gasoline Range Organics (GC) (Continued)

Lab Sample ID: 440-175159-2 MS
Matrix: Water
Analysis Batch: 386670

Client Sample ID: SB-2-20'
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	51		800	814		ug/L		95	65 - 140
Surrogate	%Recovery	MS MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	122		65 - 140						

Lab Sample ID: 440-175159-2 MSD
Matrix: Water
Analysis Batch: 386670

Client Sample ID: SB-2-20'
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	51		800	816		ug/L		96	65 - 140	0	20
Surrogate	%Recovery	MSD MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	119		65 - 140								

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Lab Sample ID: MB 440-385396/1-A
Matrix: Water
Analysis Batch: 385447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 385396

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		50	ug/L		01/31/17 07:25	02/01/17 03:14	1
Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
n-Octacosane	66		45 - 120	01/31/17 07:25	02/01/17 03:14	1		

Lab Sample ID: LCS 440-385396/2-A
Matrix: Water
Analysis Batch: 385447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 385396

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
DRO (C10-C28)	1000	560		ug/L		56	40 - 115
Surrogate	%Recovery	LCS LCS Qualifier	Limits				
n-Octacosane	73		45 - 120				

Lab Sample ID: LCSD 440-385396/3-A
Matrix: Water
Analysis Batch: 385447

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 385396

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
DRO (C10-C28)	1000	639		ug/L		64	40 - 115	13	25
Surrogate	%Recovery	LCSD LCSD Qualifier	Limits						
n-Octacosane	81		45 - 120						

TestAmerica Irvine

QC Association Summary

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

GC/MS VOA

Analysis Batch: 386290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-175159-1	SB-1-20'	Total/NA	Water	8260B/5030B	
440-175159-2	SB-2-20'	Total/NA	Water	8260B/5030B	
440-175159-3	SB-3-50'	Total/NA	Water	8260B/5030B	
MB 440-386290/4	Method Blank	Total/NA	Water	8260B/5030B	
LCS 440-386290/5	Lab Control Sample	Total/NA	Water	8260B/5030B	
LCS 440-386290/6	Lab Control Sample Dup	Total/NA	Water	8260B/5030B	
550-76724-A-1 MS	Matrix Spike	Total/NA	Water	8260B/5030B	
550-76724-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/5030B	

GC VOA

Analysis Batch: 386670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-175159-1	SB-1-20'	Total/NA	Water	8015B/5030B	
440-175159-2	SB-2-20'	Total/NA	Water	8015B/5030B	
440-175159-3	SB-3-50'	Total/NA	Water	8015B/5030B	
MB 440-386670/34	Method Blank	Total/NA	Water	8015B/5030B	
LCS 440-386670/33	Lab Control Sample	Total/NA	Water	8015B/5030B	
440-175159-2 MS	SB-2-20'	Total/NA	Water	8015B/5030B	
440-175159-2 MSD	SB-2-20'	Total/NA	Water	8015B/5030B	

GC Semi VOA

Prep Batch: 385396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-175159-1	SB-1-20'	Total/NA	Water	3510C	
440-175159-2	SB-2-20'	Total/NA	Water	3510C	
440-175159-3	SB-3-50'	Total/NA	Water	3510C	
MB 440-385396/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-385396/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 440-385396/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 385447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-385396/1-A	Method Blank	Total/NA	Water	8015B	385396
LCS 440-385396/2-A	Lab Control Sample	Total/NA	Water	8015B	385396
LCS 440-385396/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	385396

Analysis Batch: 385991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-175159-1	SB-1-20'	Total/NA	Water	8015B	385396
440-175159-2	SB-2-20'	Total/NA	Water	8015B	385396
440-175159-3	SB-3-50'	Total/NA	Water	8015B	385396

TestAmerica Irvine

Definitions/Glossary

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
BU	Sample was prepped beyond the specified holding time
LG	LG=Surrogate recovery below the acceptance limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Broadbent & Associates, Inc.
Project/Site: ARCO 6228, Pinole

TestAmerica Job ID: 440-175159-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-17
Arizona	State Program	9	AZ0671	10-14-17
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 16-001r	01-23-17 *
Hawaii	State Program	9	N/A	01-29-17 *
Kansas	NELAP Secondary AB	7	E-10420	07-31-17
Nevada	State Program	9	CA015312016-2	07-31-17
New Mexico	State Program	6	N/A	01-29-17 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-17 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-17

* Certification renewal pending - certification considered valid.

TestAmerica Irvine

Login Sample Receipt Checklist

Client: Broadbent & Associates, Inc.

Job Number: 440-175159-1

Login Number: 175159

List Number: 1

Creator: Escalante, Maria I

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D

GEOTRACKER UPLOAD CONFIRMATION RECEIPTS

STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

<u>Submittal Type:</u>	GEO_BORE
<u>Facility Global ID:</u>	T0601300401
<u>Field Point:</u>	SB-3
<u>Facility Name:</u>	ARCO # 06228
<u>File Name:</u>	SB-3.pdf
<u>Organization Name:</u>	Broadbent & Associates, Inc.
<u>Username:</u>	BROADBENT-C
<u>IP Address:</u>	96.81.187.162
<u>Submittal Date/Time:</u>	3/24/2017 10:44:45 AM
<u>Confirmation Number:</u>	5573141694

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

<u>Submittal Type:</u>	GEO_BORE
<u>Facility Global ID:</u>	T0601300401
<u>Field Point:</u>	SB-2
<u>Facility Name:</u>	ARCO # 06228
<u>File Name:</u>	Sb-2.pdf
<u>Organization Name:</u>	Broadbent & Associates, Inc.
<u>Username:</u>	BROADBENT-C
<u>IP Address:</u>	96.81.187.162
<u>Submittal Date/Time:</u>	3/24/2017 10:41:33 AM
<u>Confirmation Number:</u>	6526689529

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

<u>Submittal Type:</u>	GEO_BORE
<u>Facility Global ID:</u>	T0601300401
<u>Field Point:</u>	SB-1
<u>Facility Name:</u>	ARCO # 06228
<u>File Name:</u>	SB-1.pdf
<u>Organization Name:</u>	Broadbent & Associates, Inc.
<u>Username:</u>	BROADBENT-C
<u>IP Address:</u>	96.81.187.162
<u>Submittal Date/Time:</u>	3/24/2017 10:40:27 AM
<u>Confirmation Number:</u>	2863952875

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A GEO_MAP FILE

SUCCESS

Your GEO_MAP file has been successfully submitted!

<u>Submittal Type:</u>	GEO_MAP
<u>Facility Global ID:</u>	T0601300401
<u>Facility Name:</u>	ARCO # 06228
<u>File Name:</u>	Drawing 2 - Site Map with Boring Locations.pdf
<u>Organization Name:</u>	Broadbent & Associates, Inc.
<u>Username:</u>	BROADBENT-C
<u>IP Address:</u>	96.81.187.162
<u>Submittal Date/Time:</u>	3/8/2017 4:13:29 PM
<u>Confirmation Number:</u>	5053537189

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

<u>Submittal Type:</u>	EDF
<u>Report Title:</u>	Offsite Groundwater Investigation Laboratory Analytical Data
<u>Report Type:</u>	Site Investigation
<u>Facility Global ID:</u>	T0601300401
<u>Facility Name:</u>	ARCO # 06228
<u>File Name:</u>	440-175159-1_08 Feb 17 1449_EDF.zip
<u>Organization Name:</u>	Broadbent & Associates, Inc.
<u>Username:</u>	BROADBENT-C
<u>IP Address:</u>	96.81.187.162
<u>Submittal Date/Time:</u>	3/8/2017 4:00:50 PM
<u>Confirmation Number:</u>	8642584443

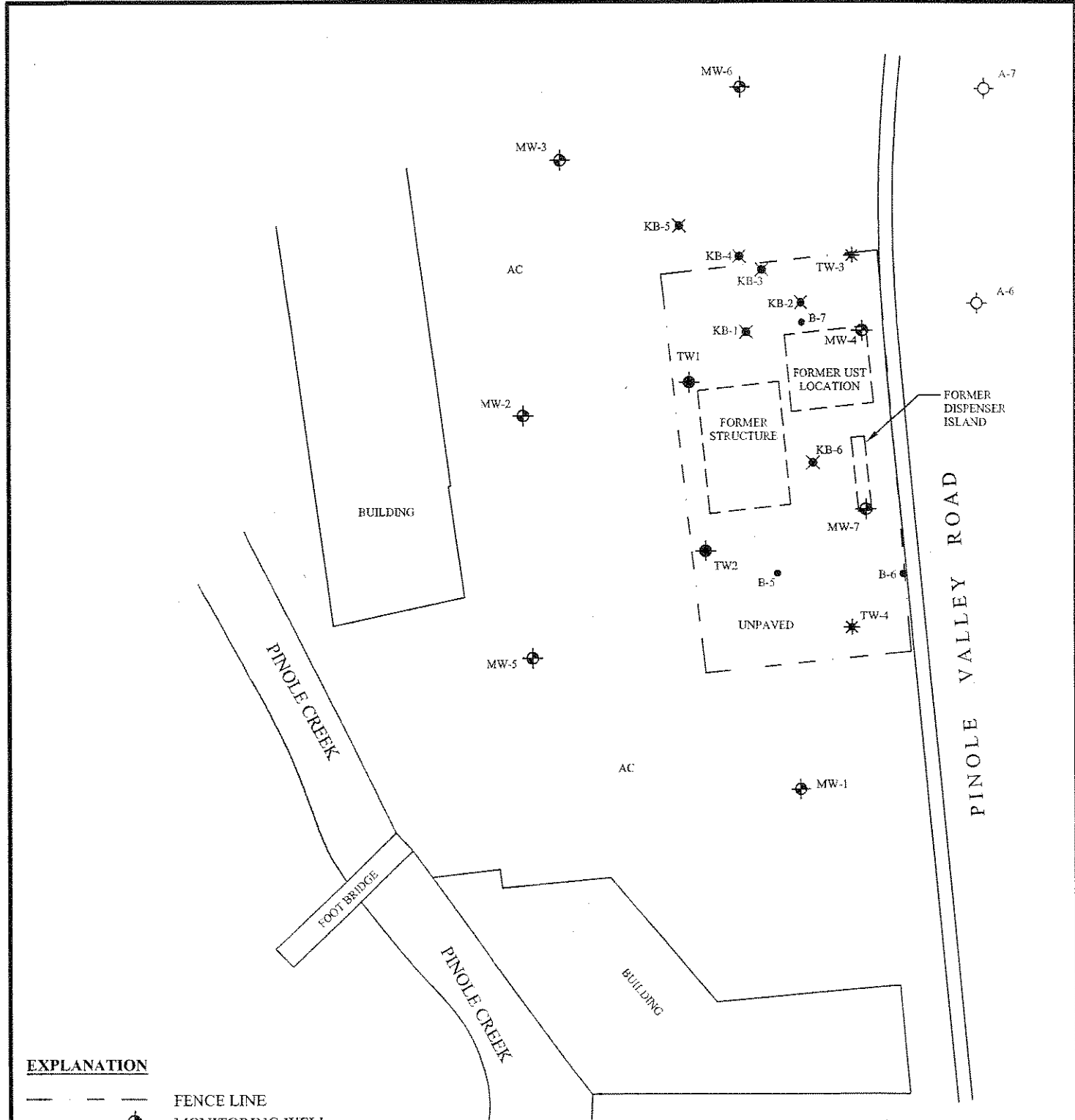
[VIEW QC REPORT](#)

[VIEW DETECTIONS REPORT](#)

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APPENDIX E

FORMER BEACON GROUNDWATER ANALYTICAL DATA



EXPLANATION

- FENCE LINE
- ⊕ MONITORING WELL
- ⊗ SOIL BORING BY KRAZAN
- ⊛ "ABANDONED" TEXACO MONITORING WELL (PRE-1999)
- SOIL BORING BY GRAYLAND ENVIRONMENTAL (JUNE 2002)
- ⊙ TEXACO MONITORING WELL (PRE-1999)
- ARCO MONITORING WELL
- AC ASPHALT CONCRETE

NOTE: Layout of well locations and buildings based on monitoring well survey conducted January 2005 by Virgil Chavez Land Surveying



SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

SITE MAP WITH SOIL BORINGS AND MONITORING WELLS PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	Scale:	Date:	Krazan SITE DEVELOPMENT ENGINEERS Offices Serving the Western United States
	AS SHOWN	1/06	
	Drawn by:	Approved by:	
	S. A.	S. B.	
Project No.	Figure No.		
044-03006	4		

TABLE II
 Cumulative Groundwater Sample Analytical Results
 2810 Pinole Valley Road
 December 23, 2005 Sampling

(Concentrations reported in micrograms per liter [µg/l])

Sample/Well No./Sample Date	TPH-G	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
UST Excav/Pinole-005										
January 13, 1999	550	1.1	25.0	12.0	52.0	28.0	NA	NA	NA	NA
June 12-13, 2002 Soil Borings										
Boring B5-W-19	17,000	520	66	640	2,000	260	NA	NA	NA	NA
Boring B6-W-19	1,200	65	7.9	44	85	41	NA	NA	NA	NA
Boring B7-W-19	22,000	3,300	2,100	850	2,500	29,000	NA	NA	NA	NA
MW-1										
January 27, 2003	ND	ND	ND	ND	ND	93	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	19	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
December 23, 2005	ND	0.72	ND	ND	ND	6.8	ND	ND	ND	ND
MW-2										
January 27, 2003	180	3.9	ND	14	1.8	70	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
December 23, 2005	ND	0.54	0.68	ND	ND	2.0	ND	ND	ND	ND
MW-3										
January 27, 2003	ND	ND	ND	ND	ND	3,900	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	280	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	310	NA	NA	NA	NA
December 23, 2005	ND	ND	ND	ND	ND	560	ND	ND	ND	ND
MW-4										
January 27, 2003	1,000	190	6.0	39	38	1,400	NA	NA	NA	NA
April 22, 2004	2,200	290	12	120	2.1	370	NA	NA	NA	NA
December 23, 2005	120	1.6	1.7	ND	ND	640	ND	ND	ND	ND
MW-5										
December 23, 2005	ND	ND	ND	ND	ND	16	ND	ND	ND	ND
MW-6										
December 23, 2005	8,300	170	32	150	140	ND	ND	ND	ND	ND
MW-7										
December 23, 2005	29,000	1,200	140	640	2,700	1.3	ND	ND	58	ND

TABLE II (Cont.)

Sample/Well No./Sample Date	TPH-G	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
TW1										
January 27, 2002	1,000	46	0.63	56	15	0.59	NA	NA	NA	NA
January 25, 2005	500	6.4	1.1	8.4	8.1	ND	NA	NA	NA	NA
December 23, 2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-2										
January 27, 2002	17,000	230	22	130	950	ND	NA	NA	NA	NA
January 25, 2005	15,000	220	88	370	1300	ND	NA	NA	NA	NA
December 23, 2005	3,500	6.1	2.1	1.3	32	ND	ND	ND	ND	ND

TPH-G	=	Total petroleum hydrocarbons as gasoline by EPA Method 8015M.
BTEX	=	Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8020.
MTBE	=	Methyl tertiary-butyl ether by EPA Method 8260.
ND	=	Analyte not detected at or above the laboratory reporting limit.
DIPE	=	Di-isopropyl ether by EPA Method 8260.
ETBE	=	Ethyl tert-butyl ether by EPA Method 8260.
TAME	=	Tert-amyl methyl ether by EPA Method 8260.
TBA	=	Tert-butyl ether by EPA Method 8260.
FP	=	Free product in well.
NA	=	Not analyzed.

APPENDIX F

HISTORIC SOIL AND GROUNDWATER DATA

Table 2
Water Analytical Data
Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)
V-1	08/19/92	----- 3.93 feet of Separate-Phase Hydrocarbons -----				
	02/23/94	----- 0.20 foot of Separate-Phase Hydrocarbons -----				
V-2	08/19/92	----- Well Dry -----				
	02/23/94	----- Well Dry -----				
A-1	08/19/92	----- 0.03 foot of Separate-Phase Hydrocarbons -----				
	02/23/94	----- 0.90 foot of Separate-Phase Hydrocarbons -----				
A-2	08/19/92	7,900	370	1,200	78	2,000
	02/23/94	270	1.0	1.0	0.40	3.0
A-3	08/19/92	----- Well Dry -----				
	02/23/94	49,000	5,600	13,000	1,300	12,000
A-4	08/19/92	----- 0.04 foot of Separate-Phase Hydrocarbons -----				
	02/23/94	----- 0.13 foot of Separate-Phase Hydrocarbons -----				
ppb = Parts per billion ND = Not detected Detection limits noted on certified analytical reports.						

Table 3
Separate-Phase Hydrocarbon Removal Data

ARCO Service Station 6228
2747 Pinole Valley Road
Pinole, California

Well Number	Date Removed	SPH Thickness Before Removal (feet)	SPH Removed (gallons)	Purge Water Removed (gallons)	SPH and Purge Water Removed (gallons)
V-1	01/12/94	0.07	0.1	0.1	0.2
	01/26/94	0.01	0.1	0.1	0.2
A-1	01/12/94	0.40	0.2	0.1	0.3
	01/26/94	0.05	0.1	0.1	0.2
Total			0.5	0.4	0.9

Table 1
Soil Analytical Data
 Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
V-1	5 - 6-1/2	01/06/92	ND	ND	ND	ND	ND
	10 - 11-1/2		ND	ND	ND	ND	
	15 - 16-1/2		120	0.26	1.2	0.95	9.3
	20 - 21-1/2		180	ND	1.3	0.93	7.5
	25 - 26-1/2		120	0.53	1.9	0.96	11
	30 - 31-1/2		410	ND	3.5	2.4	19
	35 - 36-1/2		680	0.66	8.1	5.2	48
	40 - 41-1/2		130	1.1	4.9	2	16
	45 - 46-1/2		27,000	120	660	260	1,700
	50 - 51-1/2		470	1.6	8	2.8	23
	55 - 56-1/2		12,000	30	210	98	890
V-2	10 - 11-1/2	01/06/92	ND	ND	ND	ND	ND
	20 - 21-1/2		ND	0.0027	0.0044	ND	0.005
	30 - 31-1/2		45	ND	.070	ND	0.63
	40 - 41-1/2		1,300	2.1	6.9	9.0	55
	50 - 51-1/2		360	0.79	4.3	2.9	21
	60 - 61-1/2		620	1.5	14	5.6	48
	70 - 71-1/2		40	0.55	2.9	0.48	4
	80 - 81-1/2		390	1.2	8.2	2.6	24
	90 - 91-1/2		260	3.2	19	4	31
	100 - 101-1/2		3,200	20	130	32	290
	110 - 111-1/2		380	5.9	26	4.7	41
	120 - 121-1/2		74	0.7	4.3	0.85	7.2
	130 - 131-1/2		2,000	20	97	20	160
	140 - 141-1/2		4	0.15	0.24	0.032	0.28
	145 - 146-1/2		1,000	4	35	9.8	88
V-3	6-1/2 - 7	08/01/94	<1.0	<0.0050	0.036	<0.0050	0.02
	11-1/2 - 12		<1.0	<0.0050	0.045	<0.0050	0.014
	16-1/2 - 17		<1.0	<0.0050	0.024	<0.0050	0.0095
	21-1/2 - 22		<1.0	<0.0050	0.038	<0.0050	0.014
	26-1/2 - 27		1.5	0.0078	0.12	0.0099	0.14
	31-1/2 - 32		4.1	0.0084	0.094	0.019	0.094
	36-1/2 - 37		5.2	0.0094	0.11	0.01	0.087
	41-1/2 - 42		19	<0.0050	0.23	0.11	0.86
V-4	6-1/2 - 7	08/02/94	2,000	13	2.4	54	76
	11-1/2 - 12		<1.0	0.0059	0.065	0.0062	0.017
	16-1/2 - 17		<1.0	<0.0050	0.040	<0.0050	0.006
	21-1/2 - 22		<1.0	<0.0050	0.038	<0.0050	0.011
	26-1/2 - 27		<1.0	<0.0050	0.016	<0.0050	<0.0050

Table 1 (continued)
Soil Analytical Data
 Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
V-4 (cont.)	31-1/2 - 32		<1.0	<0.0050	<0.0050	<0.0050	<0.0050
	36-1/2 - 37		3.6	0.0097	0.077	0.011	0.054
	41-1/2 - 42		47	23	0.062	0.14	1.1
A-1	15	07/27/92	1.0	0.0074	ND	0.0098	0.015
	20		ND	ND	ND	ND	ND
	25		2.5	0.013	0.0089	0.022	0.030
	35		250	0.33	3.6	1.7	17
	45		97	0.35	3.5	1.3	13
	50		84	0.63	4.9	1.9	18
A-2	15	07/28/92	ND	ND	ND	ND	ND
	20		ND	ND	ND	ND	ND
	25		ND	ND	ND	ND	ND
	35		ND	ND	ND	ND	ND
	45		20*	0.028	ND	ND	0.049
	55		280	3.5	16	4.8	42
	60		990	7.5	40	13	110
A-3	10	07/28/92	ND	ND	ND	ND	ND
	15		32	0.065	0.19	0.44	2.5
	20		110	0.16	0.91	0.72	6.7
	25		230	0.42	3.9	2.8	28
	35		100	0.65	5.6	2.4	24
	45		170	1.8	15	3.7	34
	55		18	0.30	1.4	0.34	3.5
A-4	5	07/29/92	ND	ND	ND	ND	ND
	10		ND	ND	ND	ND	ND
	15		14	ND	0.034	ND	0.052
	20		260	0.45	0.94	1.4	12
	25		370	1.3	1.9	2.9	25
	35		150	0.84	3.4	2.7	21
	45		6,300	20	170	110	930
	55		550	1.7	13	6.5	59
A-5	11-1/2 - 12	08/03/94	<1.0	<0.0050	0.013	<0.0050	<0.0050
	21-1/2 - 22		300	0.48	0.64	2.1	4.8
	31-1/2 - 32		120	0.36	2.1	1.8	15
	41-1/2 - 42		170	0.85	4.3	2.3	18
	51-1/2 - 52		460	3.4	11	5	43
	56-1/2 - 57		930	7.8	27	11	91

Table 1 (continued)
Soil Analytical Data
 Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
A-5 (cont.)	61-1/2 - 62	08/08/94	40	0.62	3.2	0.7	6.8
	71-1/2 - 72		12	0.47	1.4	0.21	1.9
81-1/2 - 82	41		0.8	3.9	0.66	5	
91-1/2 - 92	13		0.38	1.5	0.28	2.6	
101-1/2 - 102	50		1.1	4.9	0.79	7.5	
111-1/2 - 112	450		6.2	41	8.8	75	
121-1/2 - 122	260		3.6	19	4.2	35	
131-1/2 - 132	170		2.8	15	2.8	22	
141-1/2 - 142	200		4.4	23	4.2	33	
151-1/2 - 152	430		6.5	35	7.1	56	
161-1/2 - 162	380		4.2	34	8.8	73	
171-1/2 - 172	120		1.1	8.4	1.9	16	
181-1/2 - 182	4,700		08/09/94	48	370	75	650
191-1/2 - 192	190	2.3		13	2.4	22	
201-1/2 - 202	110	3.1		12	2.7	18	
211-1/2 - 212	920	6.8		72	17	150	
221-1/2 - 222	2,100	24		150	29	270	
231-1/2 - 232	3,300	34		210	42	380	
241-1/2 - 242	1,200	12		89	17	160	
251-1/2 - 252	1,400	17		99	17	170	
261-1/2 - 262	1,500	15		110	19	190	
271-1/2 - 272	200	5.1		27	3.7	33	
281-1/2 - 282	220	08/10/94	4.5	22	3.5	34	
291-1/2 - 292	62		2.8	10	1.6	11	
301-1/2 - 302	41		2.1	6	0.94	6.6	
311-1/2 - 312	76		3.2	12	1.9	13	
321-1/2 - 322	140		08/11/94	3.1	15	1.7	18
331-1/2 - 332	270			2.4	16	2.9	30
341-1/2 - 342	72			2.2	8.5	0.89	8.9
351-1/2 - 352	190			5.2	23	2.4	25
361-1/2 - 362	120			3.6	15	1.6	17
371-1/2 - 372	46			1.2	5.5	0.69	7
381-1/2 - 382	52	2.1		8	1	9.4	
391-1/2 - 392	140	1.6		9.3	1.7	17	
401-1/2 - 402	60	2.2		9.1	1.1	11	
411-1/2 - 412	74	2.1		8.9	1	10	

ppm = Parts per million
 ND = Not detected
 * Atypical chromatograph pattern; see certified analytical reports.
 Detection limits noted on certified analytical reports.

**Table 1
Analytical Soil Sampling Results**

December 19, 2001

**ARCO Service Station No. 6228
2747 Pinole Valley Road, Pinole, California**

Sample ID	Sample Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)
A-6@11.5'	11.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.060
A-6@26'	26.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-6@36'	36.0	1.2	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-6@41'	41.0	240	<1.0	5.1	3.2	23	<10
A-6@46'	46.0	690	0.90	20	9.3	76	<5.0
A-6@51.5'	51.5	1,900	5.1	73	27	220	<10
A-7@11	11.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-7@26	26.0	2.1	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-7@30.5	30.5	2.3	<0.010	<0.010	<0.010	0.018	<0.10
A-7@40.5	40.5	8.7	<0.025	<0.025	<0.025	<0.025	<0.25
A-7@46	46.0	660	<1.0	<1.0	<1.0	<1.0	<10
A-7@51	51.0	50	0.14	<0.012	0.11	0.56	<0.12

Notes

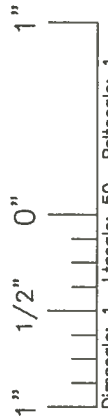
fbg = feet below grade

mg/kg = milligrams per kilogram

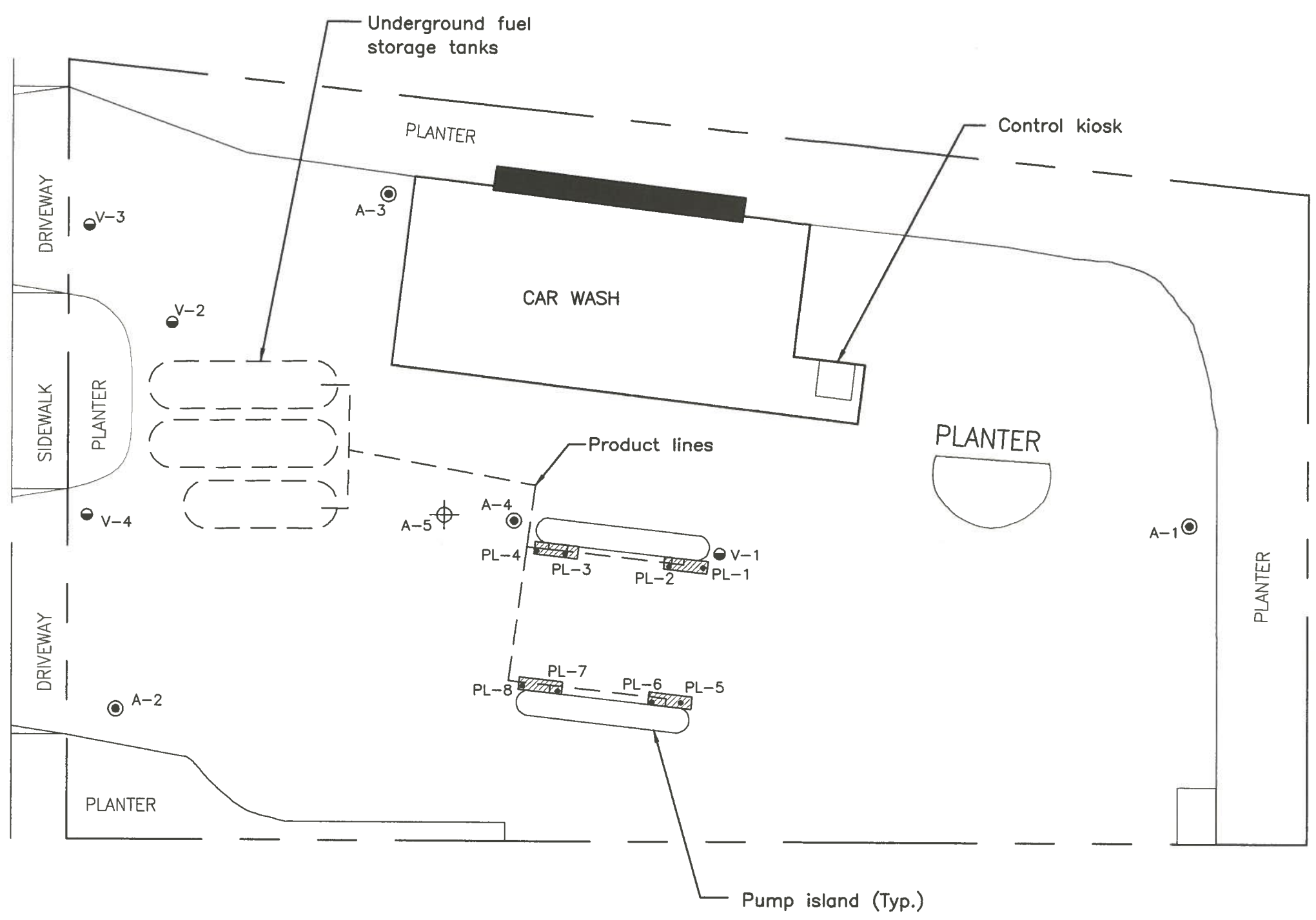
TPHg = total petroluem hydrocarbons as gasoline

MTBE 8020 = methyl tert butyl ether by EPA Method 8020

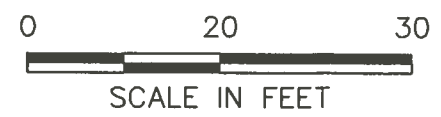
IMAGE Files: <No Images>
 XREF Files: <No Xrefs>
 Dimscale: 1 Ltscale: 50 Pellscale: 1
 SANJOSE/CADD: N:\DWG\PINACL\6228\6228SF.DWG Mon, 11/Jan/99 01:00pm kblack



PINOLE VALLEY ROAD



- EXPLANATION**
- Shallow monitoring well
 - ⊕ Deep monitoring well
 - Vadose monitoring well
 - Soil sample location
 - ▨ Excavation



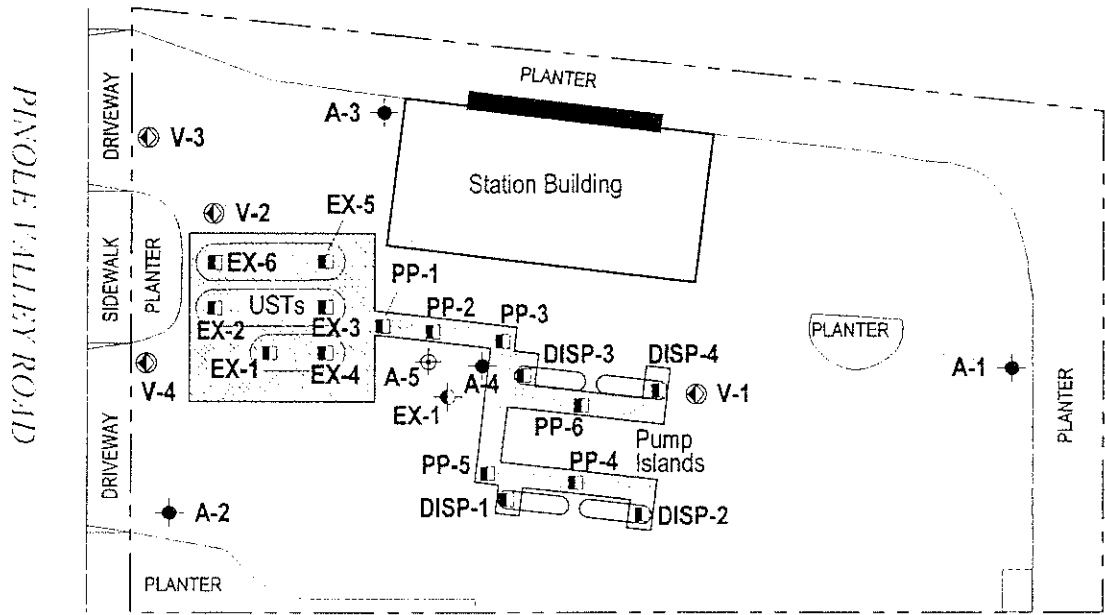
DATE DEC. 1998
 DWN KLT
 APP _____
 REV _____
 PROJECT NO.
 20805-202.001

FIGURE 1
 ARCO PRODUCTS COMPANY
 SERVICE STATION 6228, 2747 PINOLE VALLEY RD.
 PINOLE, CALIFORNIA
SITE PLAN

Table 1

Summary of Soil Sample Analyses
 ARCO 6228, 2747 Pinole Valley Road, Pinole, California

Sample	Date Sampled	TPH Gasoline	BTEX Distinction				MTBE
			Benzene	Toluene	Ethylbenzene	Xylenes	
<i>Samples Collected beneath Product Line</i>							
PL-2	12/11/98	25	<0.012	0.042	0.084	0.27	0.14
PL-3	12/11/98	1,800	<1.2	<1.2	20	38	<12
PL-6	12/11/98	<2.5	<0.012	<0.012	<0.012	<0.012	4.1
PL-7	12/11/98	6,000	<2.5	7.1	22	420	<25
<i>Sample Collected From Soil Stockpile</i>							
SP-1	12/11/98	12,000	93	1,100	260	1,400	<50
FOOTNOTES							
All concentrations reported in milligrams per kilogram (mg/kg)							
All samples collected from approximately 2.5 to 3 feet below ground surface							
TPH Gasoline = Total Petroleum Hydrocarbons as Gasoline analyzed by USEPA Method 8015 Modified							
BTEX Distinction analyses by EPA Method 8020							
MTBE = Methyl tertiary butyl ether, Analyzed by EPA Method 8020							



EXPLANATION

- A-1 ● Shallow monitoring well
- EX-1 ● Extraction well
- MW-1 ⊕ Deep monitoring well
- V-1 ⊕ Vadose monitoring well
- EX-1 ■ Soil sample location
- ▨ Excavation area

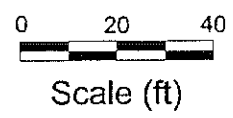


FIGURE
3

H:\ARCO\6228\FIGURE\EXCAVATION.DWG

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California



C A M B R I A

**Excavation Area and
 Soil Sample Locations**

Table 1
UST Removal Compliance Sampling Results

November 29, 2000

ARCO Service Station 6228
2747 Pinole Valley Road, Pinole, California

Sample ID	Depth Sampled (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)
EX-1	15	4.78	<0.00500	0.00920	<0.00500	0.0544	2.39
EX-2	15	1.25	<0.00500	0.00620	<0.00500	0.0124	0.311
EX-3	15	3.78	<0.00500	0.0116	<0.00500	0.0812	0.961
EX-4	15	1.32	<0.00500	0.0342	0.00596	0.0212	0.928
EX-5	15	<1.00	<0.00500	0.0106	0.00934	0.0431	0.0903
EX-6	15	3.00	0.0603	0.0285	0.162	0.0111	0.707
Disp-1	4.5	2.41	<0.00500	0.0718	0.0356	0.307	<0.0250
Disp-2	5	1.73	<0.00500	0.00958	<0.00500	0.00794	0.0259
Disp-3	5	7.89	<0.00500	0.00510	0.0186	0.0363	0.179
Disp-4	5	1.08	<0.00500	0.00670	<0.00500	0.0113	<0.0250
PP-1	5	35.6	<0.0100	1.13	0.101	0.305	1.19
PP-2	5	6.67	0.00564	0.0542	0.108	0.336	0.119
PP-3	5	<1.00	<0.00500	<0.00500	<0.00500	0.00964	<0.0250
PP-4	5	<1.00	<0.00500	0.00566	<0.00500	0.0133	<0.0250
PP-5	5	19.5	0.00802	0.185	0.120	1.50	0.0630
PP-6	5	<1.00	<0.00500	0.00538	<0.00500	0.00740	<0.0250

Notes

fbg = feet below grade

mg/kg = milligrams per kilogram

TPHg = total petroluem hydrocarbons as gasoline

TPHd = total petroluem hydrocarbons as diesel

MTBE = methyl tert butyl ether

State Water Resources Control Board

REVIEW SUMMARY REPORT – ADDITIONAL WORK FIRST REVIEW – OCTOBER 2018

Case Information

Cleanup Fund (Fund) Claim No.: 11223	GeoTracker Global ID: T0601300401
Site Name: ARCO #06228	Address (Site): 2747 Pinole Valley Road Pinole, CA 94564
Responsible Party (RP): BP Products North America, Inc Attn: Charles Carmel	Address (RP): 4 Centerpointe Drive Suite 200 La Palma, CA 9623
Claimant: Same as RP	Address (Claimant): Same as RP
Fund Expenditures to Date: \$0	Number of Years Case Open: 26
Fund Budget Category: CAP/REM – Corrective Action Plan/Remediation	

Agency Information

Agency Name: San Francisco Regional Water Quality Control Board (Regional Water Board)	Address: 1515 Clay Street Oakland, CA 994612
Agency Caseworker: Martin Musonge	Case No.: 07-0433

Consultant History

Consultant: Aetna Group	Years: 2017 – present
Signatory: Regina Bussard, PG	Office Phone: (800) 477-7411
Consultant: Broadbent & Associates, Inc.	Years: 2010 – 2017
Signatory: Matthew G. Herrick, PG, CHG	Office Phone: (530) 566-1400
Consultant: Stantec	Years: 2006 – 2009
Signatory: Jaffrey S. Auchtterlonie, PG	Office Phone: (916) 861-0400
Consultant: URS	Years: 2005 – 2006
Signatory: Robert M. Horwath, PG	Office Phone: (510) 874-3194

This Review Summary Report is based on documents available in GeoTracker. To view all public documents for this case available on GeoTracker use the following URL:

http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300401

Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case does not meet all of the required criteria of the Policy. Highlights of the case follow:

This case is an active commercial petroleum fueling facility with a convenience store. An unauthorized release was reported in January 1992 following the discovery of hydrocarbon-impacted soil during drilling activities at the Site. Light non-aqueous phase liquid (LNAPL) bailing has been conducted on various wells at the Site since 1996 and absorbent socks have been used recently. Approximately four cubic yards of impacted soil were excavated and disposed offsite during product line removal in 1998. During the UST and product line replacement activities in 2000, approximately 1,318 tons of hydrocarbon impacted soil were overexcavated from the UST cavity and beneath the product piping and dispensers and disposed offsite. Two soil vapor extraction (SVE) tests were conducted onsite in 1996 but results showed no appreciable yield of soil vapors due to the low permeability of the sediments. In 2004 a multiple-day dual-phase extraction (DPE) event was conducted and the results indicated that DPE is not a feasible or effective remedial option for the Site. Free product has historically been present in 8 onsite wells, with a maximum thickness of 6.5 feet in monitoring well A-5 (November 2003). Currently present only in A-5. Effective active remediation has not been conducted at the Site. Since 1992, eleven groundwater monitoring wells have been installed and regularly monitored. According to groundwater data, water quality objectives (WQOs) have not been achieved.

The petroleum release is limited to the soil and shallow groundwater. The affected groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the affected groundwater will be used as a source of drinking water in the foreseeable future.

Rationale for Closure under the Policy

General Criteria

- Site **does not meet all eight General Criteria**. Free product has not been removed to the maximum extent practicable. A conceptual site model that assesses the nature, extent, and mobility of the release has not been developed.

Media-Specific Criteria

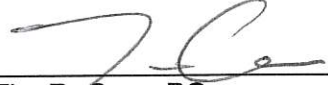
- Groundwater: Site does not meet Policy criteria. The plume length is less than 250 feet, however, free product thickness beneath the Site is increasing and surface water is present less than 1,000 feet from the Site.
- Petroleum Vapor Intrusion to Indoor Air: Site meets the **Exception** for vapor intrusion to indoor air. Exposure to petroleum vapors associated with historical fuel system releases are comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure: Site does not meet the Policy criteria. Concentrations of benzene in soil exceed the limit listed in Table 1 for the 5- to 10-foot bgs range. Additionally, there are no soil sample results for naphthalene.

Recommendation

Based on this Review Summary Report the following data gaps were identified:

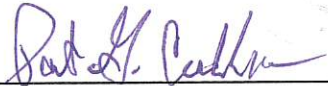
- Free product thickness is increasing. Continued monitoring and focused free product removal is reasonable.
- Current concentrations of petroleum hydrocarbons in groundwater beneath the source area are unknown. Collecting groundwater samples from wells not recently sampled (including A-5) would assist in understanding the current groundwater conditions.
- Concentrations of petroleum contaminants in shallow soil exceed Policy criteria and soil has not been analyzed for naphthalene. Additional soil assessment is necessary to assess direct contact and outdoor air exposure.
- Insufficient data exists in the conceptual site model to explain the source of free product in a deep-screened well when no free product is observed in shallow Site wells.

The recommended future Fund budget category for this claim is: SWI – Soil and Groundwater Investigation.



Tim R. Gere, PG
Engineering Geologist
Technical Unit III
(916) 341-5760

10/16/18
Date



Pat G. Cullen, PG #4932
Senior Engineering Geologist
Chief Technical Unit III
(916) 341-5684

10/17/18
Date

10.18
11/19

APPENDIX F

ASTM USER QUESTIONNAIRE



ASTM E 1527-13 USER QUESTIONNAIRE

To qualify for the protection offered under the EPA All Appropriate Inquiry (AAI) Standard, the User (entities seeking to use the ASTM E1527-13 Practice to complete an environmental site assessment of the property; i.e. Lenders and/or Borrowers) must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that AAI is not complete. This information should be the collective knowledge of the entities relying on the Phase I. **Please note that you are not being asked to evaluate the property, but rather to provide your knowledge of information on the property.**

Site Name/Address: 2801 Pinole Valley Rd.

Pinole, CA 94564

Property Owner (Name/Title/Company): Pinole Valley Partners LLC

Phone/Email: 510-222-0900

Key Site Personnel (Name/Title/Company): Sandy Baniqued

Phone/Email: 510-517-7811

Past Owner (Name/Title/Company)

Phone/Email:

1. Environmental cleanup liens that are filed or recorded against the property (40 CFR 312.25).

Did a search of recorded land title records (or judicial records where appropriate, see NOTE 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

NOTE 1: In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

Yes No If yes, please include an explanation in the space provided below:

2. Activity and land use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi).

Did a search of recorded land title records (or judicial records where appropriate, see NOTE 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

Engineering Controls are defined as physical modifications to a site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property). Institutional Controls are defined as a legal or administrative restriction on the use of, or access to, a site or facility to 1) reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property, or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Yes No If yes, please include an explanation in the space provided below:

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes No If yes, please include an explanation in the space provided below:



4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Yes No

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes No

Comments:

N/A

5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

- a. Do you know the past uses of the property?
 Yes No
- b. Do you know of specific chemicals that are present or once were present at the property?
 Yes No
- c. Do you know of spills or other chemical releases that have taken place at the property?
 Yes No
- d. Do you know of any environmental cleanups that have taken place at the property?
 Yes No

If yes for questions above, please include an explanation in the space provided below:

6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Yes No If yes, please include an explanation in the space provided below:

Person Interviewed:

Name: Brian Baniqued

Title/Company/
Affiliation with Property: Owner

Signature: 

Date: 2/02/2021

Phone/Email: 510-851-2748 Sandy@bcre.co

APPENDIX G

PREVIOUS REPORTS

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**2801 Pinole Valley Road
Pinole, California 94564
Contra Costa County**

APN 360-010-029

Pacific Environmental Management, Inc. Project No. 17-465

April 13, 2017

Prepared For:

**Pinole Valley Partners, LLC
2801 Pinole Valley Road, #210
Pinole, CA 94564**

Prepared By:

PACIFIC ENVIRONMENTAL MANAGEMENT, INC.

**101A Clay Street, #325
San Francisco, CA 94111
Telephone (415) 710-5708
Facsimile (888) 444-3080**

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**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**2801 Pinole Valley Road
Pinole, California 94564
Contra Costa County**

APN 360-010-029

Pacific Environmental Management, Inc. Project No. 17-465

Certification, Limitations, and Statement of Independence

This report has been prepared by the staff of Pacific Environmental Management, Inc. (PEM) for Mr. Brian Baniqued under the professional supervision of the principal and/or senior staff whose seal(s) and signatures appear hereon. Neither Pacific Environmental Management, Inc., nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved.

The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgments founded upon the findings of the investigations identified in the report and the interpretation of such data based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either expressed or implied.

The investigation was prepared in general accordance with the ASTM Standard Practice 1527-13 scope of work for the exclusive use and benefit of Mr. Brian Baniqued and his lenders. It is based, in part, upon documents, writings, and information owned, possessed, or secured by Mr. Brian Baniqued. Neither this report, nor any information contained herein shall be used or relied upon for any purpose by any other person or entity without the express written permission of both Mr. Brian Baniqued and PEM.

This report was prepared and reviewed by:



Pawel A. Woloszyn, President

April 13, 2017

I declare that, 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. 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.

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**2801 Pinole Valley Road
Pinole, California 94564
Contra Costa County**

EXECUTIVE SUMMARY

I. Property Use

Currently, the subject site generally includes one (1) two-story mixed-use retail/office building with asphalt paved parking areas located on approximately 1.74 acres of land. The first level includes six retail/commercial spaces and there are six office suites on the second level. There is no underground basement or underground parking. No notable types or quantities of hazardous materials or wastes are currently stored or used on-site. The existing facility was first constructed circa 1984 and has operated as a mixed-use retail/office building since that time. No significant types or quantities of hazardous materials or wastes are reported to have been stored or used on-site in the past. No dry cleaners or other obvious notable hazardous materials businesses are reported to have operated on-site in the past. Prior to construction of the existing facility, the subject site generally included vacant undeveloped land back prior to 1939. There are no reported nearby investigation and cleanup sites that are confirmed to have significantly impacted soil or groundwater beneath the subject site.

II. Scope of Investigations

This environmental site assessment report was prepared in accordance with and generally meets ASTM Standard Practice 1527-13 for a phase I environmental site assessment. Briefly, the scope of work included a current site use survey, standard historical records search, geologic and hydrogeologic conditions review, regulatory agency lists search, regulatory agency records review, interviews, and report preparation. Discussion regarding any potential environmental issues presented in this report is based upon information presented in this phase I environmental site assessment as obtained in general accordance with the scope of services.

There were no notable exclusions, exceptions or limitations from the scope of work or restrictions placed on the work performed.

There appear to be no significant data gaps that affected the ability of PEM to identify potential recognized environmental conditions.

III. Environmental Issues

Subject Site

This environmental site assessment has revealed no evidence of recognized environmental conditions (RECs) or historical RECs in connection with the subject site.

The following business environmental risk (BER) was identified:

- **Asbestos-Containing Materials and Lead-Based Paint** The date of first construction of the on-site building reduces but does not eliminate the possibility that some asbestos-containing material (ACM) and/or lead-based paint (LBP) may be present. However, the interior of the subject site has been periodically remodeled since the general time periods that ACM and LBP were more commonly used in building construction and the complete exterior of the building was painted approximately two years ago with maintenance painting completed recently. Significant types and quantities of damaged potential ACM and LBP were not obvious in the limited areas observed. Building materials were generally in good condition. Potential and confirmed ACM and LBP, if any, should be managed according to all applicable regulations.

Off-Site

This environmental site assessment has revealed no direct evidence of RECs with regard to off-site properties. No information was identified as part of preparing this environmental site assessment report which confirms that significant soil or groundwater contamination exists at the subject site as a result of current or former off-site activities.

1.0 SUBJECT SITE

PEM conducted a site visit on April 11, 2017 with assistance from Brian Baniqued, the current property owner. The approximate location of the subject site is shown on the Google maps contained in Appendix A. A contemporary Google aerial photograph (specific date unknown) notated with current adjoining site uses and an assessor's parcel map are also contained in Appendix A. Photographs of the subject site are contained in Appendix B.

1.1 Site Description

1.1.1 Site Location/Identification

- a) Address – The current subject site street address is:

2801 Pinole Valley Road
Pinole, California 94564
Contra Costa County

No other current or historical subject site street addresses were identified in the information sources reviewed.

- b) Assessor Parcel Numbers (APN) – 360-010-029.
- c) Other Description – Pinole Valley Professional Center.
- d) Adjacent Streets – Pinole Valley Road.

1.1.2 Gross Site Area

Approximately 1.74 acres of land.

1.1.3 Building Description

- a) Number of Buildings – One (1) two-story mixed-use retail/office building. The first level includes six retail/commercial spaces and there are six office suites on the second level. There is no underground basement or underground parking.
- b) Improvement Size – Approximately 18,806 square feet.
- c) Age/Construction Date – Circa 1984.

1.1.4 Source of Potable Water

The existing building was connected to the municipal water supply system at the time of first construction. The California Department of Health Services and the US Environmental Protection Agency establish water quality regulations.

1.1.5 Sewage Disposal System

The existing building was connected to the municipal sewer system at the time of first construction. No information was identified that indicates any historical on-site septic systems.

1.1.6 Solid Waste Disposal

Solid waste disposal is provided by a commercial service.

1.1.7 Source of Fuel for Heating and Cooling

Electricity and/or natural gas are available to the subject site.

1.1.8 Other Improvements and Features

The first level includes six retail/commercial spaces:

- Vincent P. Lim, DDS General Dentistry
- Image de Beaute Skin Care & Day Spa
- Transitions Hair Salon
- Tammy's Nails & Spa
- Armor Locksmith
- Ala Mode Donuts & Coffee

There are six general/professional office suites on the second level. There is no underground basement or parking.

General observations made during the site visit include:

- **On-Site Topography**

None obvious notable.

- **Hazardous Materials Underground Storage Tanks (USTs)**

None identified.

- **Hazardous Materials Aboveground Storage Tanks (ASTs)**

None notable identified. There is one hydraulic oil AST for the on-site elevator. No obvious adverse environmental conditions were observed or reported. There is no on-site backup diesel generator.

- **Other Hazardous Materials and Hazardous Wastes**

None notable identified.

- **Pits, Ponds, Sumps and Lagoons**

None identified.

- **Current or Former On-Site Groundwater Monitoring Wells or Other Wells**

None identified.

- **Contaminated Fill Dirt**

None identified.

- **High-Voltage Overhead Transmission Lines**

None identified.

- **Dumped, Buried or Burned Hazardous Materials or Hazardous Waste**

None identified.

- **Significant Stained Pavement, Soil or Other Surfaces**

None identified.

- **Subsurface Hydraulic Equipment**

There is one on-site hydraulic elevator that is serviced by a commercial service. No indication of significant releases were observed or reported.

- **Industrial Wastewater Discharges**

None identified.

1.2 Property Use

1.2.1 Former Property Use

1.2.1.1 Chronology

The existing facility was first constructed circa 1984 and has operated as a mixed-use retail/office building since that time. No significant types or quantities of hazardous materials or wastes are reported to have been stored or used on-site in the past. No dry cleaners or other obvious notable hazardous materials businesses are reported to have operated on-site in the past. Prior to construction of the existing facility, the subject site generally included vacant undeveloped land back prior to 1939.

1.2.1.2 Rationale

PEM reviewed reasonably ascertainable standard historical sources with the objective to develop a history of all obvious uses of the subject site from the present back to the subject site's obvious first developed use, or back to 1940, whichever is earlier. Reasonably ascertainable standard historical sources reviewed by PEM generally include aerial photographs, USGS maps, Sanborn fire insurance maps, city directories, regulatory agency records, oil and gas maps, previous reports (if any) and interviews.

1.2.1.3 Sources

Assessor's Office

PEM obtained a current assessor's parcel map and limited property history information from the Contra Costa County Assessor's Office. The existing subject site property boundaries were created in 1971 and have remained unchanged since that time.

Building Department

In April 2016, PEM reviewed available building department records for the subject site in person at the City of Pinole offices. The following is a summary of selected useful information. There were no records that identified significant types or quantities of hazardous materials or hazardous wastes. Copies of selected records are contained in Appendix D.

<u>Date</u>	<u>Notes Contained in Documents</u>
2009	Dental office.
2006	Re-roof.
1998	Chiropractic offices with x-ray and darkroom.
1996	Casa Hispana Produce Market.
1993	North American Title Company.
1988	Ala Mode Donuts and Ice Cream, Lanette's Boutique.

Recently, PEM requested available records for the subject site in writing from the Pinole Building Department dated April 5, 2017. PEM was informed that records would not be available prior to the publication date of this report. Based on other available information reviewed as part of preparing this report, it appears very unlikely that new notable information will be available. If new notable information is identified regarding potential adverse environmental conditions at the subject site, PEM will submit a letter addendum to this report.

Brian Baniqued indicated to PEM that no building department correspondence or activities have occurred since the records review completed by PEM in April 2016.

Fire Department

In April 2016, PEM reviewed available fire department records for the subject site in person at the City of Pinole offices. The following is a summary of selected useful information. Records were generally limited to fire safety inspection records and related correspondence. There were no records that identified significant types or quantities of hazardous materials or hazardous wastes.

<u>Date</u>	<u>Notes Contained in Documents</u>
2012	Law office.
2009	Cheap Auto Wholesale, nails salon.
2006	Salon, real estate office.
2005	Realty office.
2004	Massage therapy.
2003	Chiropractic, fitness center.
2002	Pinkerton Security, donut shop, computer sales and repair, hair salon, mortgage office.
2001	Farmers Insurance.

Recently, PEM requested available records for the subject site in writing from the Pinole Fire Department dated April 5, 2017. PEM was informed that records would not be available prior to the publication date of this report. Based on other available information reviewed as part of preparing this report, it appears very unlikely that new notable information will be available. If new notable information is identified regarding potential adverse environmental conditions at the subject site, PEM will submit a letter addendum to this report.

Brian Baniqued indicated to PEM that no fire department correspondence or activities have occurred since the records review completed by PEM in April 2016.

Environmental Health Department

PEM requested available records for the subject site in writing from the Contra Costa County Health Services Hazardous Materials Programs. PEM was informed that there were no records.

PEM requested available records for the subject site in writing from the Contra Costa County Health Services (water wells, septic systems and dry wells). PEM was informed that there were no records.

Fire Insurance Maps

Based on PEM's experience with previous Sanborn fire insurance map research coupled with the location of the subject site, it appears unlikely that Sanborn maps exist which include the subject site location. No Sanborn maps which included the subject site location were available from the San Francisco Public eLibrary (ProQuest Sanborn Maps).

City Directories

PEM reviewed available city directories in person at the Oakland Public Library. The following is a summary of reported subject site use. No obvious notable on-site businesses were listed. Copies of city directories are contained in Appendix D.

- 2012 Donut shop, Allstate, chiropractic, beauty salon, dentist, nails and spa, salon, general/professional offices.
- 2008 Donut shop, Allstate, Curves Pinole, chiropractic, dentist, Transitions, general/professional offices.
- 2004 Donut shop, Curves, chiropractic, dentist, security services, Transitions, general/professional offices.
- 2000 Donut shop, American Protective Services, insurance, chiropractic, Transitions, general/professional offices.
- 1996 Donut shop, American Protective Services, insurance, Transitions.
- 1992 Donut shop, American Protective Services, insurance, home mortgage services, beauty supply, haircutting, title company.
- 1990 Donut shop, American Protective Services, insurance, home mortgage services, haircutting, boutique, title company.
- 1987 American Protective Services, video, haircutting, Granny Goodes, chiropractic, judo, general offices.
- 1986 American Protective Services, video, haircutting, chiropractic, general offices.
- 1985 Street address not listed.
- 1984 Street address not listed.

Aerial Photographs

PEM reviewed aerial photographs obtained from Google Earth, USGS Earth Explorer and UC Berkeley. Due to scale and image quality, only limited detail can be viewed in the aerial photographs. The following is a summary of the results of the review. Copies of aerial photographs are contained in Appendix B.

2009, 2002, 1993 The subject site appears to include a facility generally like today. A gasoline station is visible adjoining the subject site to the north generally like today (case open LUST). In 2002 and 1993, a second former gasoline station appears to be visible adjoining to the northwest across Pinole Valley Road (case closed LUST); this former gasoline station is no longer present. Otherwise, no new obvious notable adjoining site uses appear visible.

1980 The subject site generally appears to be vacant undeveloped land. A gasoline station is visible adjoining the subject site to the north generally like today. A second former gasoline station appears to be visible adjoining to the northwest across Pinole Valley Road. Otherwise, no new obvious notable adjoining site uses appear visible.

1975 This photograph is not so legible. The subject site generally appears to be vacant undeveloped land.

1965 The subject site generally appears to be vacant undeveloped land. The gasoline station adjoining the subject site to the north is not present. A former gasoline station appears to be visible adjoining to the northwest across Pinole Valley Road. Otherwise, no new obvious notable adjoining site uses appear visible.

1950, 1939 The subject site and all adjoining site uses generally appear to be vacant undeveloped land (except in 1950 there appears to be one or two small buildings adjoining the subject site to the west across Pinole Valley Road, possibly a rural residence). A portion of a small former creek may traverse the subject site.

USGS Maps

PEM reviewed USGS topo maps dated 1947, 1959 and 1959 photorevised 1973. No new notable information was identified. No structures appear to be visible on the subject site.

Interviews

PEM had a brief conversation with Brian Baniqued, the current property owner, in person during the site visit. Mr. Baniqued is personally familiar with the subject site since the 1980s and purchased the subject site in 2002. Useful information provided is included in this report where appropriate. The following additional useful information was provided:

- The subject site was first constructed circa 1984.
- Not aware of any historical on-site dry cleaner.
- Not aware of any historical notable on-site hazardous materials operations.
- Has never been contacted by the adjoining gasoline station regarding conducting any sampling at the subject site.
- The complete exterior of the building was painted approximately two years ago with maintenance painting completed recently.
- The interior has been remodeled periodically as needed since purchased.
- Not aware of any previous asbestos or lead-based paint reports or concerns including operations and maintenance plans.

- Not aware of any significant mold conditions or water damage. Water leaks are repaired immediately upon discovery.

User Provided Information

Environmental Liens or Activity and Use Limitations

No environmental liens or activity and use limitations information was provided or reported to PEM by Brian Baniqued.

Specialized Knowledge or Expertise

No notable specialized knowledge or expertise information material to recognized environmental conditions (RECs), not otherwise discussed in this report, was provided or reported to PEM by Brian Baniqued.

Significantly Lower Purchase Price

No information with regard to significantly lower purchase price due to the presence of contamination was provided or reported to PEM by Brian Baniqued.

Commonly Known or Reasonably Ascertainable Information

No notable commonly known or reasonably ascertainable information material to RECs, not otherwise discussed in this report, was provided or reported to PEM by Brian Baniqued.

Owner, Property Manager and Occupant Information

Property contact information was provided to PEM by Brian Baniqued.

1.2.2 Current Property Use

Currently, the subject site generally includes one (1) two-story mixed-use retail/office building with asphalt paved parking areas located on approximately 1.74 acres of land. The first level includes six retail/commercial spaces and there are six office suites on the second level. There is no underground basement or underground parking. No notable types or quantities of hazardous materials or wastes are currently stored or used on-site.

1.2.3 Regulatory Agency Database Review

A complete copy of the Environmental Record Search (ERS) RecCheck Report dated April 5, 2017 is contained in Appendix C. The subject site is not included on any of the databases reported.

Note: the street address 2801 Pinole Valley Road, Suite 210 is included on the US EPA Safe Water Drinking Information System database. This is a reported mailing address only; the referenced property is in the state of Maine. This listing is not considered to be of any environmental concern to the subject site.

PEM searched for the subject site on the State Water Resources Control Board (SWRCB) GeoTracker system and Cal EPA EnviroStor. The subject site is not included on either. Copies of the maps are contained in Appendix D.

PEM reviewed California Department of Conservation Division of Oil and Gas maps for the area of the site. No oil or gas wells appear to have been located on the subject site.

PEM reviewed the US Department of Transportation National Pipeline Mapping System for the area of the subject site. No hazardous liquid pipelines are reported to be located adjoining or near the subject site.

1.2.4 Review of Title Documents

PEM conducted historical ownership research in person at the Contra Costa County Recorder's Office. Current title of the subject site parcel appears to be vested in The Baniqued 2003 Family Trust acquired in 2003. Historical ownership of the subject site parcel appears to have included:

- Brian Santos Baniqued and Kyunghwa Baniqued, husband and wife grants to The Baniqued 2003 Family Trust (2003).
- Paul Vincent, a married man as his sole and separate property grants to Jesse Ray Rosete, a married man as his sole and separate property, 34% interest and Brian S. Baniqued and Kyunghwa Baniqued, husband-and-wife as joint tenants and Jesse Ray Rosete and Criseida D. Rosete, husband-and-wife as joint tenants, 66% interest (2002).
- Nancy Martin Vincent, wife of grantee herein quitclaims to Paul Vincent, a married man as his sole and separate property (2000).
- American Protective Services Inc., a corporation grants to Paul Vincent, a married man as his sole and separate property (2000).
- American Protective Services, Inc., a corporation grants to City of Pinole, a non-exclusive easement for ingress and egress (1983).
- Hoytt Enterprises, Inc., a corporation grants to American Protective Services, Inc. (1982).

The specific date that Hoytt Enterprises, Inc. first acquired title to the property was not determined however appears to be some time prior to 1975.

Based on the results of the review of reasonably ascertainable and practically reviewable information, regarding potential adverse environmental conditions, no obvious notable historical site owners or deed transactions appear to have been associated with the subject site.

1.3 Geology and 1.4 Hydrology

The following is described in a Surface Fault Evaluation Proposed Commercial-Office Complex report prepared for the subject site dated 1982 obtained at the County recorder's office (contained in Appendix D).

Vacant site located between the existing ARCO gas station/car wash and the 7-11 store. A fill slope that is approximately 20 feet high exists along the east end of the property. The undulating ground surface of the site is covered with grasses and weeds. An area of thick, green, lush grasses and water-seeking vegetation occurs in the vicinity of the northeast property corner. Although no longer present at the site, an intermittent, southwest flowing creek channel was shown crossing the subject site on a topographic map.

Most of the site is underlain by Quaternary alluvium. Massive Miocene siltstone is mapped in the northeast corner of the site. The alluvium is composed of sand, silt, clay and gravel mixtures derived from erosion and mass wasting of the hillside areas. The siltstone and other sedimentary rock type underlying the hillside areas originated in marine environments, were consolidated and subsequently uplifted, folded and faulted and eroded. Neither of the nearby faults is considered active.

The following information is contained in the Conceptual Site Model and Sensitive Receptor Survey Report dated 2014 for the ARCO gasoline station LUST site adjoining the subject site to the north.

The hydrogeology beneath this site is described as complex with groundwater present within the interbedded sedimentary rock. Depth to first groundwater and resulting potentiometric surfaces within the interbedded sedimentary rock is reported to vary considerably. The degree and pattern of fracturing near each well screen interval is likely very different at each well location causing groundwater elevations to exhibit a high degree of seasonal/year-to-year variation and lateral inconsistencies. Contemporary depth to first groundwater appears to have varied anywhere from less than one foot to 50 feet below ground surface (bgs). Groundwater flow direction has been predominantly reported to the west and northwest.

Subsurface conditions including soil composition, depth to groundwater and groundwater flow direction can impact subsurface contaminant conditions and contaminant migration. Subsurface conditions can vary substantially over relatively short distances. Numerous factors can affect site specific soil composition, depth to groundwater and groundwater flow direction. Depth to first groundwater and groundwater flow direction can also fluctuate seasonally. A subsurface investigation, which is beyond the scope of services for this report, would be necessary to verify site specific soil composition, depth to first groundwater and groundwater flow direction.

1.5 Non-CERCLA Issues

1.5.1 Asbestos-Containing Materials and Lead-Based Paint

The date of first construction of the on-site building reduces but does not eliminate the possibility that some asbestos-containing material (ACM) and/or lead-based paint (LBP) may be present. However, the interior of the subject site has been periodically remodeled since the general time periods that ACM and LBP were more commonly used in building construction and the complete exterior of the building was painted approximately two years ago with maintenance painting completed recently. Significant types and quantities of damaged potential ACM and LBP were not obvious in the limited areas observed. Building materials were generally in good condition. Potential and confirmed ACM and LBP, if any, should be managed according to all applicable regulations.

1.5.2 Mold Conditions

No obvious indications of significant mold conditions or water damage were observed or reported.

1.5.3 Lead in Water

Testing for lead in drinking water was not specified as part of the scope of services.

1.5.4 Radon

The Federal EPA Radon Zone for Contra Costa County is Zone 2. Zone 2 counties have a predicted average indoor radon screening level of >2pCi/L and <4 pCi/L. Based on current subject site use coupled with the available radon data for the area of the subject site, there appears to be a low likelihood that significant adverse environmental conditions exist as a result of radon. Radon sampling, which is beyond the scope of this report, would be necessary to verify site-specific data for radon.

1.5.5 PCB's

No notable current or historical concerns with regard to PCB's (polychlorinated biphenyls) at the subject site were identified and there are no confirmed notable issues related to PCB's.

1.5.6 Vapor Intrusion

The following questions are used to screen the subject site for potential volatile organic compound (VOC) subsurface vapor intrusion.

- *Is the subject site known to have current or past contamination?* No.
- *Is contamination of the subject site suspected?* No.
- *Is an adjacent property known to have current or past contamination which may have impacted the subject site?* None confirmed.
- *Is a nearby property known to have current or past contamination which may have impacted the subject site?* No.
- *Is regional groundwater contamination known to exist beneath the subject site?* No.
- *Are there any other known or suspected conditions which may result in vapor intrusion at the subject site?* No.

Based on available information, there appears to be a low likelihood that vapor encroachment or vapor intrusion is a notable concern at this time.

1.6 Other

No other information derived from previous investigations or experience or obtained in the course of this investigation, not otherwise discussed in this report, identified adverse environmental conditions or liabilities associated with current or historical uses of the subject site.

1.7 Environmental Issues

This environmental site assessment has revealed no evidence of recognized environmental conditions (RECs) or historical RECs in connection with the subject site.

The following business environmental risk (BER) was identified:

- **Asbestos-Containing Materials and Lead-Based Paint** The date of first construction of the on-site building reduces but does not eliminate the possibility that some asbestos-containing material (ACM) and/or lead-based paint (LBP) may be present. However, the interior of the subject site has been periodically remodeled since the general time periods that ACM and LBP were more commonly used in building construction and the complete exterior of the building was painted approximately two years ago with maintenance painting completed recently. Significant types and quantities of damaged potential ACM and LBP were not obvious in the limited areas observed. Building materials were generally in good condition. Potential and confirmed ACM and LBP, if any, should be managed according to all applicable regulations.

2.0 SURROUNDING PROPERTIES

2.1 Description

2.1.1 Historical Use

Historical conditions at adjoining site uses identified in the information sources that were reviewed are presented in other sections of this report.

2.1.2 Current Use

A contemporary Google aerial photograph notated with current adjoining site uses is contained in Appendix A. Other than the ARCO gasoline station adjoining the subject site to the north, no obvious notable current adjoining sites uses were identified or reported.

2.2 Regulatory Agency Database Review

The Environmental Record Search (ERS) RecCheck Report includes the review of the following government record lists. A complete copy of the ERS report is contained in Appendix E. The Summary of Occurrences Table identifies the sites found on the lists with approximate distance indicated. The Database Occurrence Summary Table shows the number of sites identified within the search distance indicated.

- US EPA National Priority List (NPL) (1.0 mile search distance)

No sites were identified.

- US EPA Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) database (0.50 mile search distance)

No sites were identified.

- US EPA Comprehensive Environmental Response Compensation and Liability Information System – No Further Remedial Action Planned (CERCLIS - Archived) database (0.50 mile search distance)

One site was identified – Former Mercury Dry Cleaner (2714 Pinole Valley Road). Environmental conditions at this site are discussed below.

- Resource Conservation and Recovery Information System list of Corrective Action Reports (RCRA - Corrective Actions) (1.0 mile search distance)

No sites were identified.

- Resource Conservation and Recovery Information System list of Treatment, Storage and Disposal Facilities (RCRA-TSD) (0.50 mile search distance)

No sites were identified.

- Resource Conservation and Recovery Information System list of Hazardous Waste Generators (RCRA - Generators) (0.25 mile search distance)

No adjoining sites were identified. One dry cleaner site, Pinole Cleaners (2701 Pinole Valley Road) was reported to be located approximately 422 feet north from the subject site marker, generally downgradient from the subject site. This site is not included on any investigation and cleanup databases. Based on available information, it appears unlikely that any hazardous material or waste releases from this site would impact the subsurface of the subject site.

- Regional Water Quality Control Board list of Leaking Underground Storage Tanks (RWQCB LUST) (0.50 mile search distance)

Three (3) LUST sites were reported within approximately 600 feet of the subject site marker. Environmental conditions at these sites are discussed below.

- California Environmental Protection Agency Cortese list (Cortese) (0.25 mile search distance)

No new notable sites were identified.

- California Integrated Waste Management Board Solid Waste Information System database (SWIS) (0.50 mile search distance)

No sites were identified.

- Regional Water Quality Control Board - List of Spills, Leaks, Investigations and Clean-ups (SLIC) (0.50 mile search distance)

One notable SLIC site was identified – Former Mercury Dry Cleaner (2714 Pinole Valley Road). Environmental conditions at this site are discussed below. Note: a second SLIC site reported as the Pinole Valley Shopping Center is the same former Mercury Dry Cleaner site.

- State Water Resources Control Board (SWRCB) list of Registered Underground Storage Tanks (UST) (0.25 mile search distance)

One current adjoining UST site was identified, the ARCO gasoline station site adjoining to the north. Environmental conditions at this site are discussed below. No other nearby current UST sites were reported.

- Brownfield Databases – US EPA and California Brownfields (0.50 mile search distance)

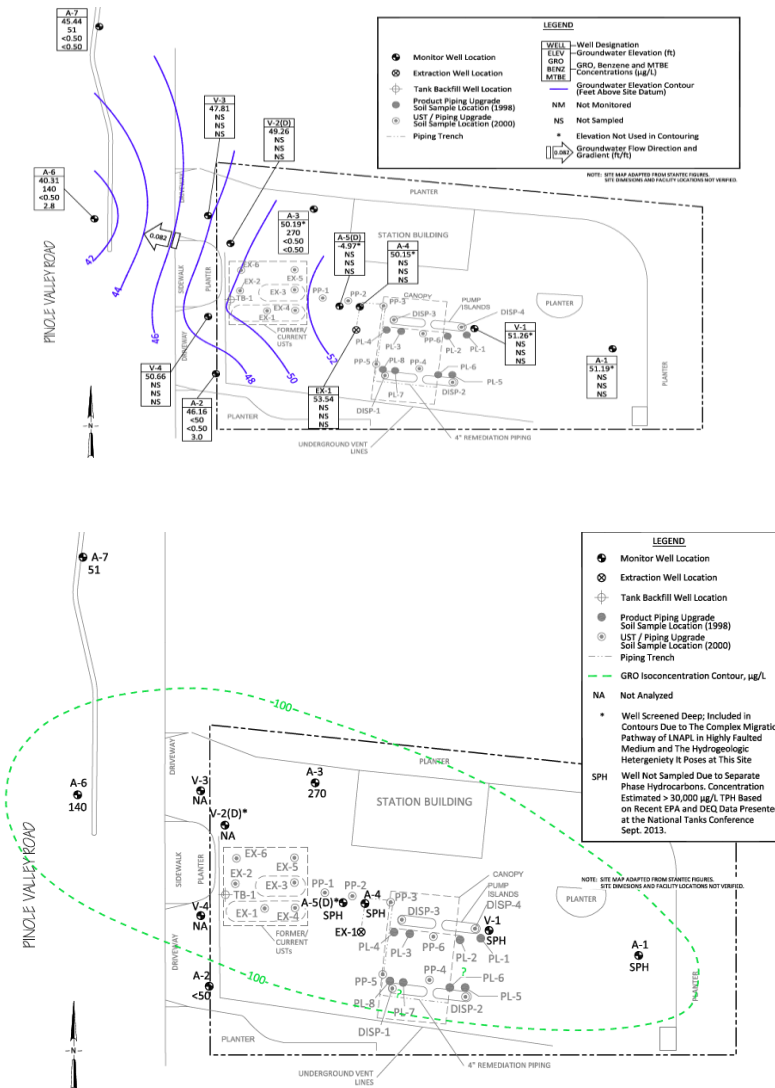
No sites were identified.

No obvious new notable unmapped sites were reported by ERS.

PEM reviewed records for the following sites available via GeoTracker and/or EnviroStor. The following is a summary of selected useful information. Copies of selected records are contained in Appendix D.

ARCO (2747 Pinole Valley Road) This active case open LUST site is located adjoining the subject site to the north in the reported general downgradient (or cross gradient) direction. Most of the petroleum hydrocarbon groundwater impact is located within the property boundaries. Limited off-site migration is generally to the west-northwest, away from the subject site.

The hydrogeology beneath this site is described as complex with groundwater present within the interbedded sedimentary rock. Depth to first groundwater and resulting potentiometric surfaces within the interbedded sedimentary rock is reported to vary considerably. The degree and pattern of fracturing near each well screen interval is likely very different at each well location causing groundwater elevations to exhibit a high degree of seasonal/year-to-year variation and lateral inconsistencies. Contemporary depth to first groundwater appears to have varied anywhere from less than one foot to 50 feet below ground surface (bgs). Groundwater flow direction has been predominantly reported to the west and northwest, generally away from the subject site. The following figures are contained in the Conceptual Site Model and Sensitive Receptor Survey Report dated 2014.



The above figures are generally consistent with information presented in the First Quarter 2017 Groundwater Monitoring Report.

With regard to soil vapor, the Conceptual Site Model and Sensitive Receptor Survey Report dated 2014 indicates that, in general, off-site vapor intrusion did not appear to be a concern at that time, minimal volatile component concentrations (e.g. benzene) remained present in site groundwater due to the highly degraded nature of the remaining impacts and the residual heavier petroleum components posed a very minimal vapor intrusion risk.

Based on available information, there appears to be a low likelihood that reported known releases from this site have significantly impacted soil or groundwater beneath the subject site. In addition, based on available information, vapor encroachment does not appear to be a significant environmental concern for the subject site at this time.

Beacon (2810 Pinole Valley Road) This case closed (2008) LUST site is reported to be located approximately 316 feet northwest from the subject site marker across Pinole Valley Road. This former gasoline station is no longer present (now part of a shopping center parking lot). This site is in the reported downgradient groundwater flow direction from the subject site generally beyond the adjoining ARCO gasoline station. In 2006, groundwater flow direction at this site was reported to be to the west towards the adjoining Pinole Creek, away from the subject site.

Based on available information, it appears unlikely that reported known releases from this site have significantly impacted soil or groundwater beneath the subject site.

Former Beacon Station (2701 Pinole Valley Road) This case closed (2010) LUST site is reported to be located approximately 422 feet north from the subject site marker in the reported down gradient direction.

Based on available information, it appears unlikely that reported known releases from this site have significantly impacted soil or groundwater beneath the subject site.

Former Mercury Dry Cleaner (2714 Pinole Valley Road) This active case open SLIC site is reported to be located approximately 580 feet north from the subject site marker in the reported downgradient groundwater flow direction.

Based on available information, it appears unlikely that reported known releases from this site have significantly impacted soil or groundwater beneath the subject site.

2.3 Other

No other information derived from previous investigations or experience or obtained in the course of this investigation identified adverse environmental conditions or liabilities associated with nearby properties, not otherwise discussed in this report, that appear likely to impact the subject site.

3.0 ANALYSIS AND CONCLUSIONS

Pacific Environmental Management, Inc. has performed a Phase I Environmental Site Assessment in general accordance with ASTM Standard Practice E 1528-13 for a Phase I report. Any exceptions to, or deletions from, this practice are described in Section II of the report Executive Summary.

3.1 Subject Site

This environmental site assessment has revealed no evidence of recognized environmental conditions (RECs) or historical RECs in connection with the subject site.

The following business environmental risk (BER) was identified:

- **Asbestos-Containing Materials and Lead-Based Paint** The date of first construction of the on-site building reduces but does not eliminate the possibility that some asbestos-containing material (ACM) and/or lead-based paint (LBP) may be present. However, the

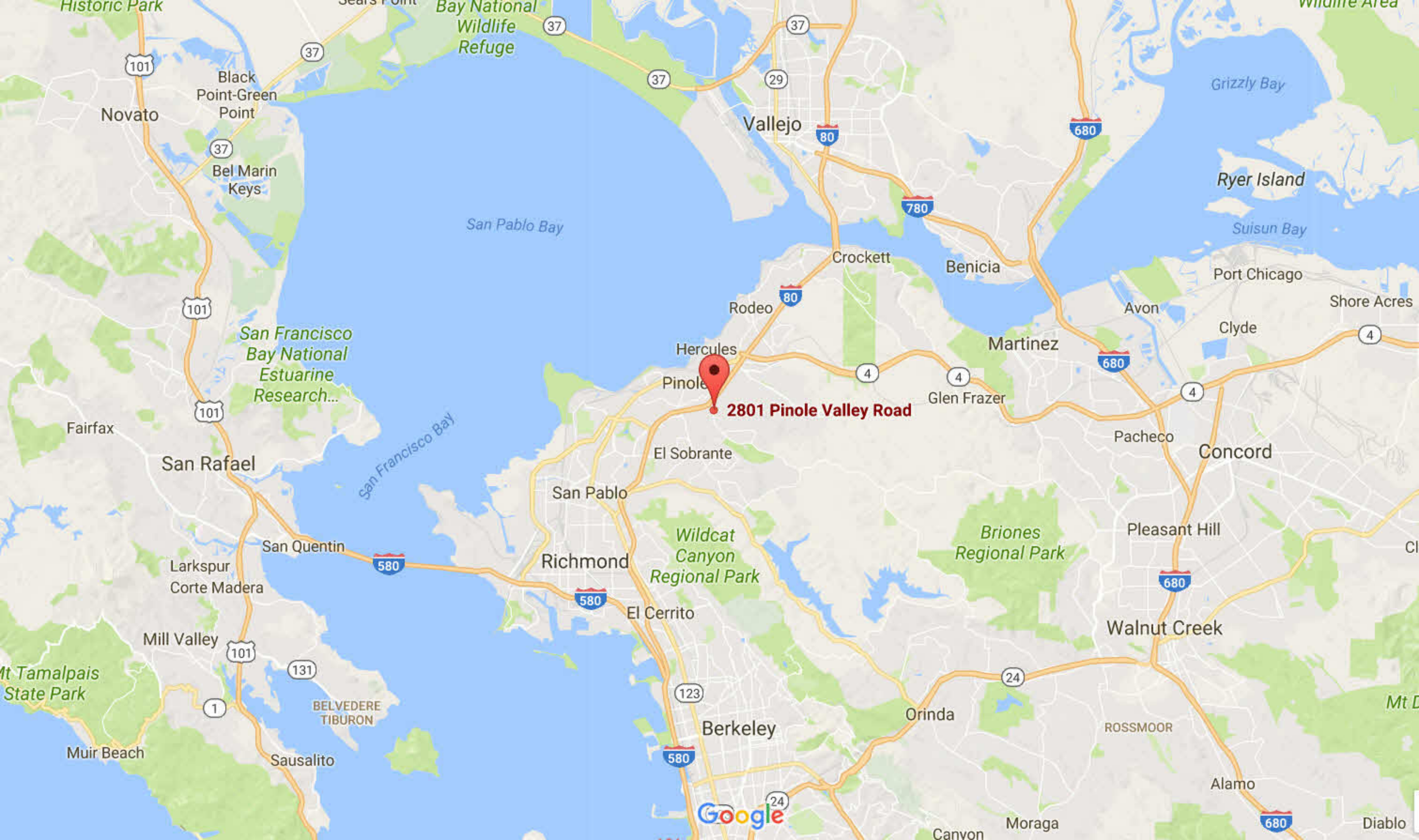
interior of the subject site has been periodically remodeled since the general time periods that ACM and LBP were more commonly used in building construction and the complete exterior of the building was painted approximately two years ago with maintenance painting completed recently. Significant types and quantities of damaged potential ACM and LBP were not obvious in the limited areas observed. Building materials were generally in good condition. Potential and confirmed ACM and LBP, if any, should be managed according to all applicable regulations.

3.2 Off-Site

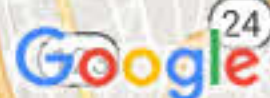
This environmental site assessment has revealed no direct evidence of RECs with regard to off-site properties. No information was identified as part of preparing this environmental site assessment report which confirms that significant soil or groundwater contamination exists at the subject site as a result of current or former off-site activities.

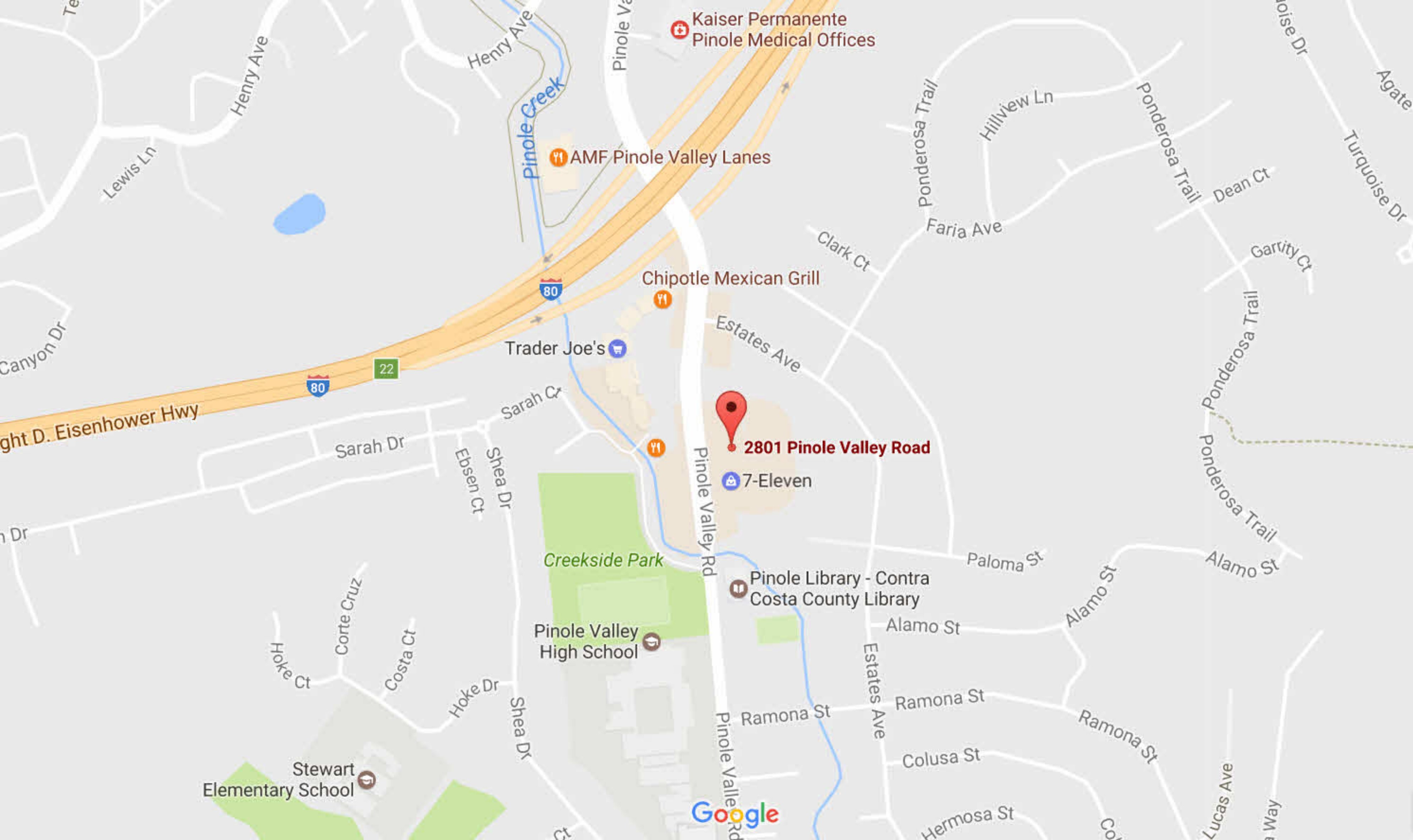


APPENDIX A
MAPS AND FIGURES



2801 Pinole Valley Road





Kaiser Permanente
Pinole Medical Offices

AMF Pinole Valley Lanes

Chipotle Mexican Grill

Trader Joe's

2801 Pinole Valley Road

7-Eleven

Creekside Park

Pinole Valley
High School

Pinole Library - Contra
Costa County Library

Stewart
Elementary School

Google

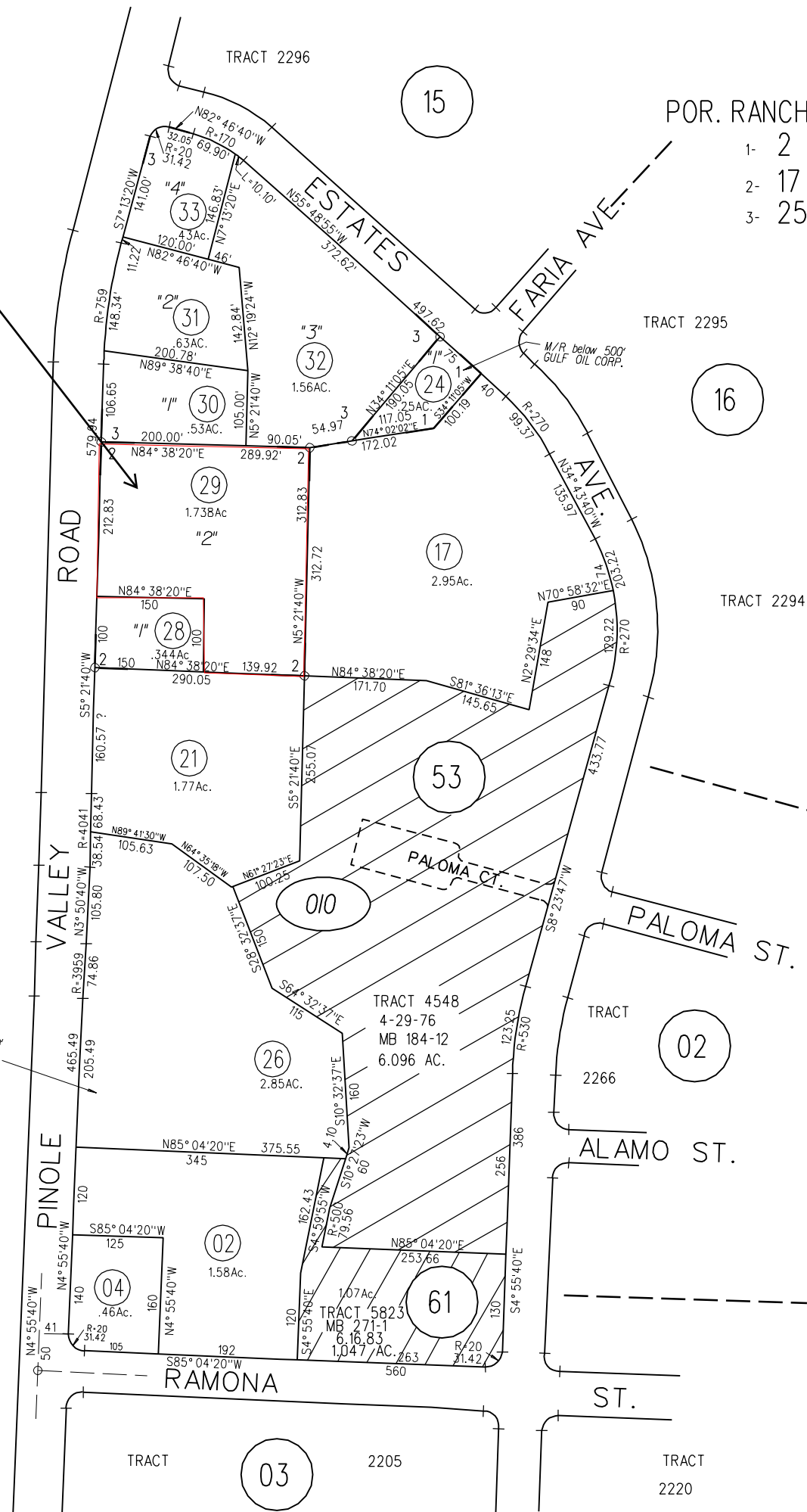
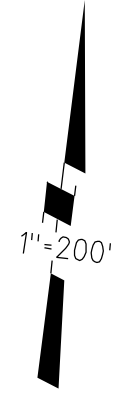
SUBJECT SITE

POR. RANCHO PINOLE

- 1- 2 PM45 1/30/68
- 2- 17 P.M.25 7-2-71
- 3- 25 P.M.23 12-5-72

P B
430

M/R BELOW 500'
HOYTT ENTERPRICES
INC.



010

11-9-83

ASSESSOR'S MAP

BOOK 360 PAGE 01

6-20-67 CONTRA COSTA COUNTY, CALIF.



2801 Pinole Valley Rd



- 1) ARCO gasoline station, case open LUST (2747).
- 2) Multi-family residential (2780 Estates Avenue).
- 3) Multi-family residential (2798 Estates Avenue).
- 4) Pinole Senior Village (2850 Estates Avenue).
- 5) Multi-family residential (2860, 2870, 2880 Estates Avenue).
- 6) Pinole Valley Community Church (2885).
- 7) 7-Eleven convenience store (2869).
- 8) Multi-tenant strip center, no current dry cleaner (2860).
- 9) Pinole Valley Shopping Center, no current dry cleaner (2800, 2780).

Note: (2747) = street address.

APPENDIX B
PHOTOGRAPHS



1	Subject Site	Front side viewed from across Pinole Valley Road.
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2	Subject Site	Backside.
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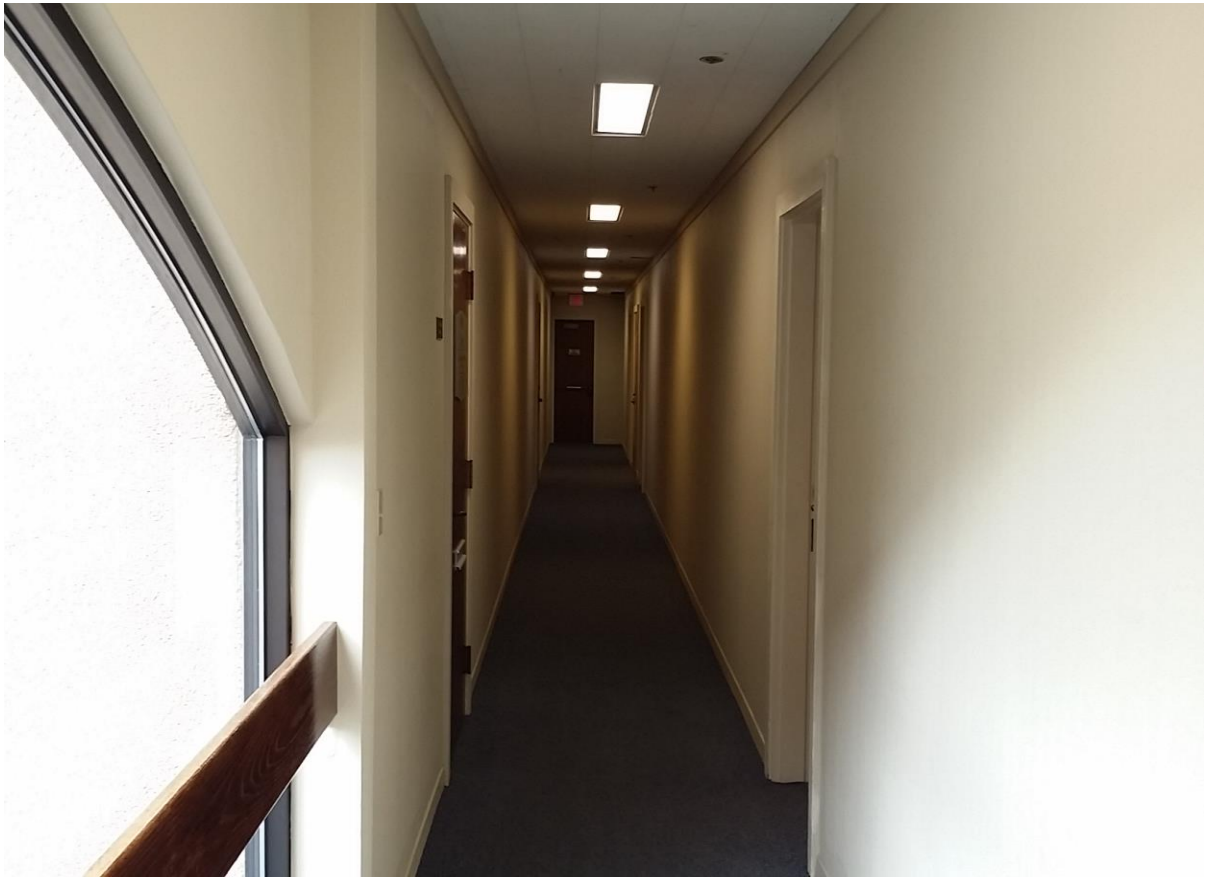
3	Subject Site	Donut shop.
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4	Subject Site	Beauty salon.
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5	Subject Site	Armor Locksmith undergoing tenant improvements.
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7	Subject Site	Typical second level hallway.
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8	Subject Site	Typical second level office area.
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9	Subject Site	Typical second level office area.
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10	Subject Site	Hydraulic elevator equipment.
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11	Adjoining Site	North – ARCO gasoline station.
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12	Adjoining Site	North – multi-family residential.
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13	Adjoining Site	East – Pinole Senior Village.
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14	Adjoining Site	South – 7-Eleven convenience store.
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15	Adjoining Site	West across Pinole Valley Road – retail strip center, no current dry cleaner.
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16	Adjoining Site	West across Pinole Valley Road – shopping center, no current dry cleaner.
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10/2009

2015

2009

2801 Pinole Valley Rd

Image © 2016 DigitalGlobe

Google

7/2002

2015

2002

2801 Pinole Valley Rd

1993

2801 Pinole Valley Rd



1980

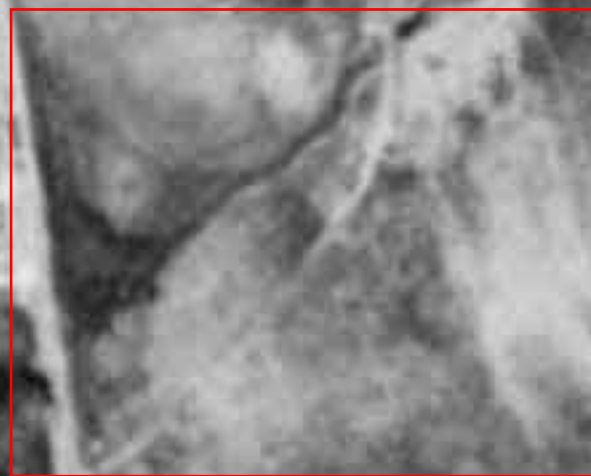
1975



1965



1950



12/1939

1939

 2801 Pinole Valley Rd

Image SF Estuary Institute/Contra Costa County/UCB

Google

APPENDIX C
OTHER REPORTS

GEOTRACKER

2801 Pinole Valley Road, Pinole, CA, United States

Map Address

Sites and Facilities

Cleanup Sites

- LUST Cleanup Sites
- Cleanup Program Sites
- Military Cleanup Sites
- ▲ DTSC Cleanup Sites

Permitted Facilities

Other Sites

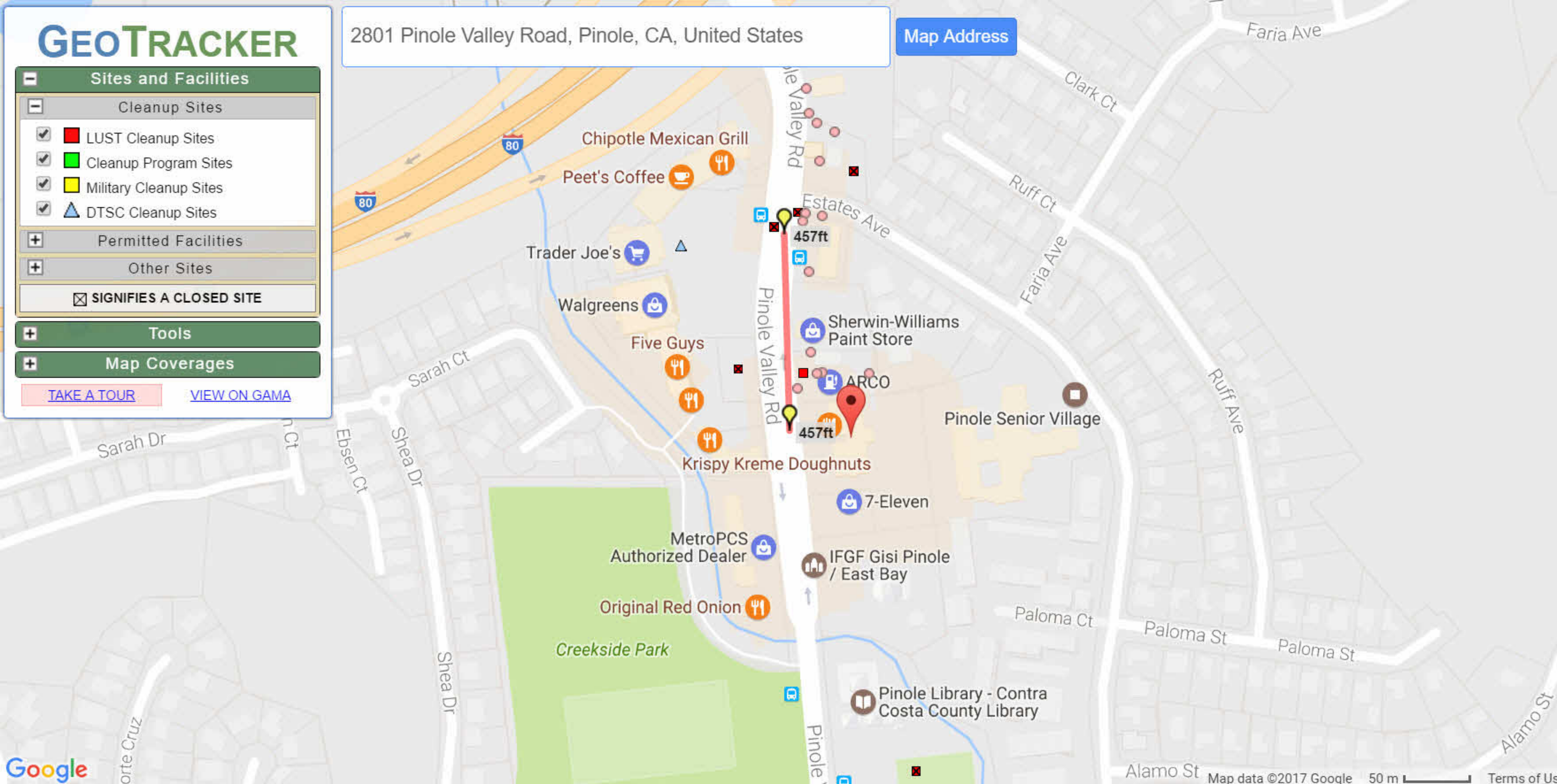
SIGNIFIES A CLOSED SITE

Tools

Map Coverages

[TAKE A TOUR](#)

[VIEW ON GAMA](#)



ENVIROSTOR

CLEANUP SITES

-  Federal Superfund
-  State Response
-  Voluntary Cleanup
-  School Cleanup
-  Evaluation
-  School Investigation
-  Military Evaluation
-  Tiered Permit
-  Corrective Action

PERMITTED SITES

OTHER SITES

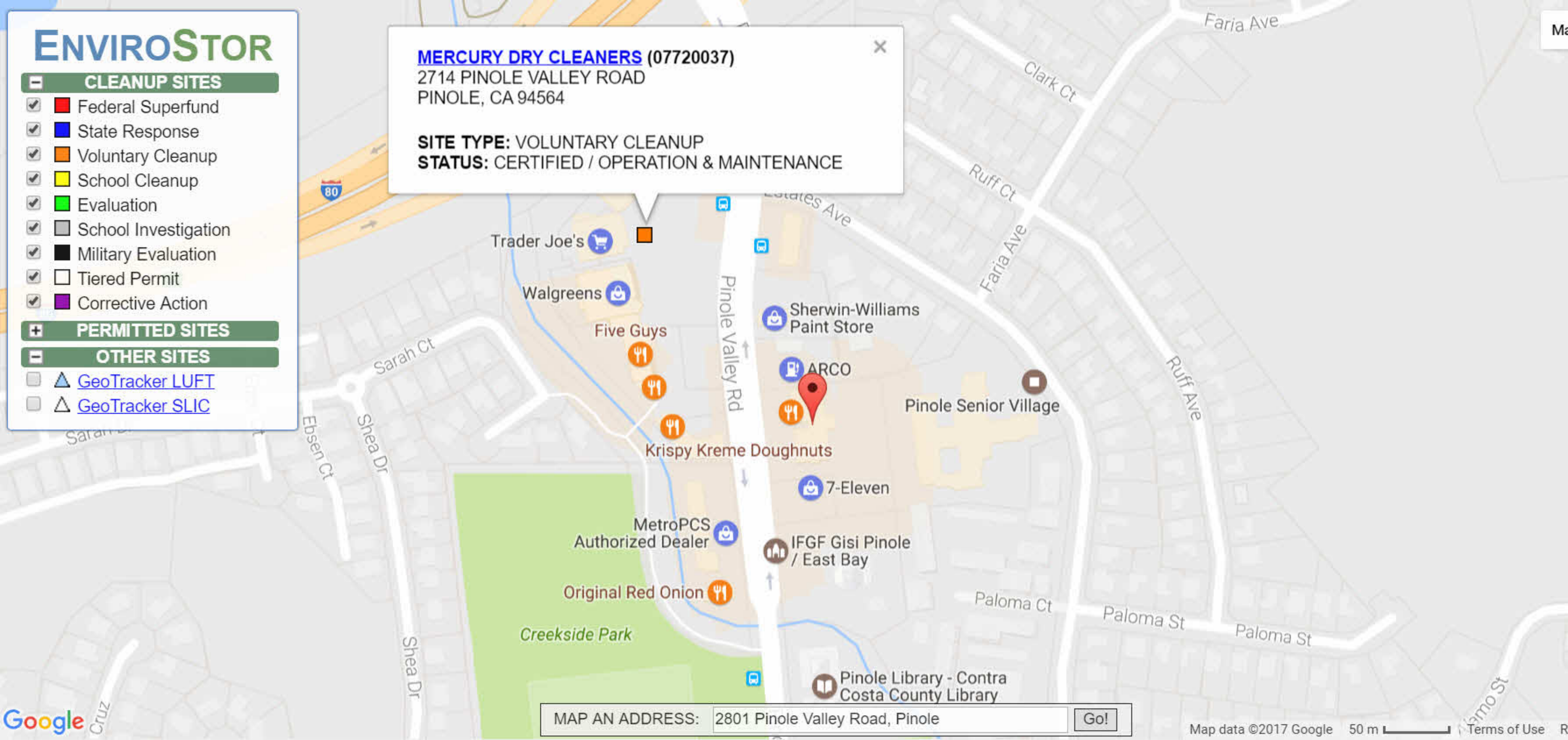
-  [GeoTracker LUFT](#)
-  [GeoTracker SLIC](#)

[MERCURY DRY CLEANERS \(07720037\)](#)

2714 PINOLE VALLEY ROAD
PINOLE, CA 94564

SITE TYPE: VOLUNTARY CLEANUP

STATUS: CERTIFIED / OPERATION & MAINTENANCE



MAP AN ADDRESS: 2801 Pinole Valley Road, Pinole

Go!

RecCheck

The Standard for ASTM/AAI Radius Searches
(One Mile Environmental Records Search, Exceeds ASTM 1527/1528 and EPA All Appropriate Inquiry)

Report Results

REPORT RESULTS



Site Location:

2801 Pinole Valley Road
Pinole, CA 94564
(N 37-59-39, W 122-17-6) NAD83

Client:

Pacific Environmental Management, Inc.

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EXECUTIVE SUMMARY

INFORMATION ON THE REQUESTED LOCATION

Site Address:	2801 Pinole Valley Road Pinole, CA 94564
Client Project Name/Number:	2104680973
Coordinates:	N 37-59-39, W 122-17-6 (NAD 83) 37.994075, -122.285081
Date of Report	April 5, 2017
ERS Project Number:	2104680973
Subject Site Listed on the following lists:	Not Listed
Subject Site Listed as Map ID#:	N/A
USGS 7.5 Minute Quad Map:	Richmond (2015-03-11)
Subject Site Located within a Potential Area of Concern:	No
Township, Section and Range:	Township: 02N Range: 04W Section: 27 Baseline: Mt. Diablo
Site Elevation: (feet above or below (-) mean sea level)	55
Flood Zone: (FEMA Q3 Digital Data)	Panel: 06013C0231F, Effective Date: 6/16/2009 Zone X - Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.
Fire Insurance Map Coverage:	Coverage May Exist in Pinole. Years: 1910, 1925, 1930. Sources: ERS; California State Univ., Northridge ; California State Univ., Northridge, Stanford Univ. ;
Radon Information:	EPA Radon Zone: 2 (Predicted avg for county: 2 to 4 pCi/L)For zip code 94564: Number of tests per zip code: 3 Number of tests where radon is > 4 pCi/L: 0 Percentage of test where radon is > 4 pCi/L: 0.00% Other Information: Not Reported
Search Radius Expansion Size: (In Miles)	0

Soil Type: (USDA Soil Survey Geographic Database) (SSURGO)	Clear Lake clay, 0 to 15 percent slopes, MLRA 15 Map Unit Type: Consociation Hydric: Yes Drainage Class: Poorly drained General Information: Fine, smectitic, thermic Typic Haploxererts
Zip Codes Searched for "Un-Mappable" Sites:	94564
Occurrence Count:	173

SUMMARY OF OCCURRENCES

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1 , 2 , 3	ME0091900 COUNTRY MEADOW APARTMENTS	2801 PINOLE VALLEY RD STE 210 PINOLE	SDWIS-US	Listed	< 0.01 NW	0
2 Maps: 1 , 2 , 3	10465537 7-ELEVEN INC. STORE #14206	2869 Pinole Valley Rd Pinole	CERS-CA	Listed	0.03 S	-4
2 Maps: 1 , 2 , 3	FA0035348-COC 7-ELEVEN INC #14206	2869 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.03 S	-4
2 Maps: 1 , 2 , 3	774838-COC 7-ELEVEN INC #14206	2869 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.03 S	-4
2 Maps: 1 , 2 , 3	FA0035348-COC 7-ELEVEN INC #14206	2869 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.03 S	-4
2 Maps: 1 , 2 , 3	FA0035348-COC 7-ELEVEN INC #14206	2869 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.03 S	-4
2 Maps: 1 , 2 , 3	213440-PD 7-ELEVEN FOOD STORE	2869 PINOLE VALLEY RD PINOLE	Hist-Convenience	Listed	0.03 S	-4
3 Maps: 1 , 2 , 3	4038370 ARCO	2747 PINOLE VALLEY PINOLE	Hist-HWS-CA	Listed	0.03 N	6
3 Maps: 1 , 2 , 3	184039 ARCO	2747 PINOLE VALLEY R PINOLE	Hist-Service Stations	Listed	0.03 N	6
3 Maps: 1 , 2 , 3	4038370 ARCO FACILITY #6228	2747 PINOLE VALLEY PINOLE	Hist-USTReg-CA	Listed	0.03 N	6
4 Maps: 1 , 2 , 3	10006507 ARCO 06228	2747 Pinole Valley Rd Pinole	CERS-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	FA0031994-COC ARCO 06228	2747 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	FA0031994-COC ARCO 06228	2747 PINOLE VALLEY RD PINOLE	County-UST-CA	Listed	0.04 NW	3

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
4 Maps: 1 , 2 , 3	T0601300401 ARCO # 06228	2747 PINOLE VALLEY RD PINOLE	ENF-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	110055698142 ARCO 06228	2747 PINOLE VALLEY RD PINOLE	FRS-US	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	727111-COC ARCO 06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	559061 ARCO AM/PM #06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	727111-COC ARCO #06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	Name Changed	0.04 NW	3
4 Maps: 1 , 2 , 3	FA0031994-COC ARCO 06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.04 NW	3
4 Maps: 1 , 2 , 3	727111-CON ARCO 06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	727111-COC ARCO #06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	Name Changed	0.04 NW	3
4 Maps: 1 , 2 , 3	727111-COC ARCO 06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	FA0031994-COC ARCO 06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.04 NW	3
4 Maps: 1 , 2 , 3	FA0031994-COC ARCO 06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.04 NW	3
4 Maps: 1 , 2 , 3	FA0031994-COC ARCO 06228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.04 NW	3
4 Maps: 1 , 2 , 3	11223 ARCO #6228	2747 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.04 NW	3

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
4 Maps: 1 , 2 , 3	7734673 AROC FACILITY #6228	2747 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	200026179 ARCO SERVICE STATION	2747 PINOLE VALLEY RD PINOLE	Hist-ERNS-US	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	4558631 ARCO	2747 PINOLE VALLEY RD PINOLE	Hist-LUSTIS-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	8806-R2 ARCO # 06228	2747 PINOLE VALLEY RD PINOLE	HIST-MTBE-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	4558631 ARCO	2747 PINOLE VALLEY RD PINOLE	Hist-Regional-SLIC- CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	201959 ARCO AM/PM #06228	2747 PINOLE VALLEY RD PINOLE	Hist-Service Stations	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	24806 Pinole Valley Arco Car Wash	2747 Pinole Valley Rd Pinole	Hist-Service Stations	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	43630-PD PINOLE VALLEY ARCO CAR WASH	2747 PINOLE VALLEY RD PINOLE	Hist-Service Stations	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	275783 VINCENT SIEBERN	2747 PINOLE VALLEY RD PINOLE	Hist-UST-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	CAL000055602 ARCO PRODUCTS COMPANY	2747 PINOLE VALLEY RD PINOLE	HWIS-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	CAL000244444 BP WEST COAST PRODUCTS LLC 06228	2747 PINOLE VALLEY RD PINOLE	HWIS-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	CAL000260075 PINOLE VALLEY ARCO	2747 PINOLE VALLEY RD PINOLE	HWIS-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	T0601300401 ARCO # 06228	2747 PINOLE VALLEY RD PINOLE	LUST-Open-CA	Open - Remediation	0.04 NW	3

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
4 Maps: 1 , 2 , 3	14231 ARCO 06228	2747 Pinole Valley Rd Pinole	UST-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	6608 ARCO 06228	2747 PINOLE VALLEY RD PINOLE	UST-CRSP-CA	Listed	0.04 NW	3
4 Maps: 1 , 2 , 3	11223 ARCO #6228	2747 PINOLE VALLEY ROAD PINOLE	UST-Priority-CA	Listed	0.04 NW	3
5 Maps: 1 , 2 , 3	10592797 Sherwin-Williams #8625	2727 Pinole Valley Rd Pinole	CERS-CA	Listed	0.05 N	4
5 Maps: 1 , 2 , 3	FA0035993-COC SHERWIN- WILLIAMS #8625	2727 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.05 N	4
5 Maps: 1 , 2 , 3	FA0035993-COC SHERWIN- WILLIAMS #8625	2727 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.05 N	4
5 Maps: 1 , 2 , 3	774938-COC SHERWIN- WILLIAMS #8625	2727 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.05 N	4
5 Maps: 1 , 2 , 3	FA0035993-COC SHERWIN- WILLIAMS #8625	2727 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.05 N	4
5 Maps: 1 , 2 , 3	CAL000399227 SHERWIN WILLIAMS #8625	2727 PINOLE VALLEY RD PINOLE	HWIS-CA	Listed	0.05 N	4
6 Maps: 1 , 2 , 3	4520598C- CAL000091694 YOUTHFUL TOOTH. CO.	2830-A PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.05 W	-11
6 Maps: 1 , 2 , 3	CAL000091694 GENTLE DENTAL	2830-A PINOLE VALLEY RD PINOLE	HWIS-CA	Listed	0.05 W	-11
7 Maps: 1 , 2 , 3	FA0032437-COC PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	FA0032437-COC PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	County-UST-CA	Listed	0.06 NW	-6

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
7 Maps: 1 , 2 , 3	T0601300714 BEACON	2810 PINOLE VALLEY RD PINOLE	ENF-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	FA0032437-COC PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.06 NW	-6
7 Maps: 1 , 2 , 3	757699-COC PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	FA0032437-COC PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.06 NW	-6
7 Maps: 1 , 2 , 3	757699-CON PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	757699-COC PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CA	No Longer Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	FA0032437-COC PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.06 NW	-6
7 Maps: 1 , 2 , 3	FA0032437-COC PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CA	Address Changed	0.06 NW	-6
7 Maps: 1 , 2 , 3	7734713 PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	7732336 PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	1216296 1X TEXACO STN. #62-488-0293	2810 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	8814-R2 BEACON	2810 PINOLE VALLEY RD PINOLE	HIST-MTBE-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	43631-PD PINOLE VALLEY BEACON	2810 PINOLE VALLEY RD PINOLE	Hist-Service Stations	Listed	0.06 NW	-6

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
7 Maps: 1 , 2 , 3	269834 TEXACO	2810 PINOLE VALLEY ROAD PINOLE	Hist-UST-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	256609 PINOLE VALLEY TEXACO	2810 PINOLE VALLEY RD PINOLE	Hist-UST-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	4038371 PINOLE VALLEY BEACON	2810 PINOLE VALLEY PINOLE	Hist-USTReg-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	CAL000036320 PINOLE VALLEY BEACON	2810 PINOLE VALLEY ROAD PINOLE	HWIS-CA	Listed	0.06 NW	-6
7 Maps: 1 , 2 , 3	T0601300714 BEACON	2810 PINOLE VALLEY RD PINOLE	LUST-Closed-CA	Completed - Case Closed	0.06 NW	-6
8 Maps: 1 , 2 , 3	7733067 BARRY EVANS STUDIO	2860 G PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.06 SW	-13
8 Maps: 1 , 2 , 3	CAL922395171 BARRY EVANS STUDIO	2860 G PINOLE VALLEY RD. PINOLE	HWIS-CA	Listed	0.06 SW	-13
9 Maps: 1 , 2 , 3	FA0028450-COC CREEKSIDE DRY CLEANERS	2762 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.06 NW	-7
9 Maps: 1 , 2 , 3	325717-PD STAR CLEANERS	2762 PINOLE VALLEY RD PINOLE	Hist-Cleaners	Listed	0.06 NW	-7
10 Maps: 1 , 2 , 3	237774 Arco	Not Reported by Agency	ENF-Wastewater-CA	Historical	0.07 NW	-6
10 Maps: 1 , 2 , 3	237773 Arco	Not Reported by Agency	ENF-Wastewater-CA	Historical	0.07 NW	-6
10 Maps: 1 , 2 , 3	237366 Arco	Not Reported by Agency	ENF-Wastewater-CA	Historical	0.07 NW	-6
10 Maps: 1 , 2 , 3	236578 Arco	Not Reported by Agency	ENF-Wastewater-CA	Historical	0.07 NW	-6

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
11 Maps: 1 , 2 , 3	10010527 PINOLE CLEANERS	2701 Pinole Valley Rd Ste D Pinole	CERS-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	FA0032205-COC BEACON SS #545/PINOLE	2701 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	FA0033333-COC PINOLE CLEANERS	2701 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	FA0032205-COC BEACON SS #545/PINOLE	2701 PINOLE VALLEY RD PINOLE	County-UST-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	60430 Pinole Cleaners	2701 Pinole Valley Rd # B Pinole	DCF2-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	CAL000284465 PINOLE CLEANERS	2701 PINOLE VALLEY RD STE D PINOLE	DryCleaners-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	CAL000206120 PINOLE CLEANERS	2701 PINOLE VALLEY RD UNIT D PINOLE	DryCleaners-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	CAL000056529 DRYCLEAN USA	2701 Pinole Valley Rd Pinole	DryCleaners-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	CAD983652819 PINOLE CLEANERS	2701 PINOLE VALLEY RD UNIT D PINOLE	DryCleaners-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	T0601300351 Former Beacon Station	2701 PINOLE VALLEY RD PINOLE	ENF-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	1234748 BEACON STATION #545	2701 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	5716344 DRYCLEAN USA	2701 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	3768004 PINOLE CLEANERS	2701 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.08 N	7

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
11 Maps: 1 , 2 , 3	75797 Pinole Cleaners	2701 Pinole Valley Rd Ste D Pinole	Hist-Cleaners	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	318756-PD PINOLE CLEANERS	2701 PINOLE VALLEY RD PINOLE	Hist-Cleaners	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	2745792 VILLAGE PROPERTIES	2701 PINOLE VALLEY RD PINOLE	Hist-LUSTIS-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	9217-R2 VILLAGE PROPERTIES	2701 PINOLE VALLEY RD PINOLE	HIST-MTBE-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	2745792 VILLAGE PROPERTIES	2701 PINOLE VALLEY RD PINOLE	Hist-Regional-SLIC- CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	216059 BEACON STATION 545	2701 PINOLE VALLEY ROAD PINOLE	Hist-UST-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	4038369 BEACON STATION #545	2701 PINOLE VALLEY PINOLE	Hist-USTReg-CA	Listed	0.08 N	7
11 Maps: 1 , 2 , 3	T0601300351 Former Beacon Station	2701 PINOLE VALLEY RD PINOLE	LUST-Closed-CA	Completed - Case Closed	0.08 N	7
11 Maps: 1 , 2 , 3	CAD983652819 PINOLE CLEANERS	2701 PINOLE VALLEY RD UNIT D PINOLE	RCRA-SQG-US	Listed	0.08 N	7
12 Maps: 1 , 2 , 3	10019428 WALGREENS #11614	2750 Pinole Valley Rd Pinole	CERS-CA	Listed	0.11 NW	-12
12 Maps: 1 , 2 , 3	FA0030570-COC WALGREENS #11614	2750 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.11 NW	-12
12 Maps: 1 , 2 , 3	7811769 1X LUCKY STORE #97/PINOLE	2750 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.11 NW	-12
12 Maps: 1 , 2 , 3	CAL000336131 WALGREENS #11614	2750 PINOLE VALLEY RD PINOLE	RCRA-CESQG-US	Listed	0.11 NW	-12

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
13 Maps: 1 , 2 , 3	07720037 MERCURY DRY CLEANERS	2714 PINOLE VALLEY ROAD PINOLE	Cal-VCP-Other	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	CAD983662461 MERCURY DRY CLEANER	2714 PINOLE VALLEY RD. PINOLE	CERCLIS-Archived- US	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	10018855 PINOLE VALLEY SHOPPING CENTER	2714 PINOLE VALLEY RD PINOLE	CERS-CA	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	FA0030379-COC FORMER MERCURY DRY CLEANERS	2714 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	FA0032974-COC MERCURY DRY CLEANERS	2714 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	CAX000127050 MERCURY DRY CLEANERS	2714 PINOLE VALLEY RD. PINOLE	DryCleaners-CA	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	CAC000783376 1X MERCURY DRY CLEANING	2714 PINOLE VALLEY RD PINOLE	DryCleaners-CA	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	1595417 MERCURY DRY CLEANERS	2714 PINOLE VALLEY ROAD PINOLE	Hist-CALSITES-CA	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	1595417 MERCURY DRY CLEANERS	2714 PINOLE VALLEY RD PINOLE	Hist-Regional-SLIC- CA	Listed	0.11 N	-13
13 Maps: 1 , 2 , 3	CAR000121822 PINOLE VALLEY SHOPPING CENTER	2714 PINOLE VALLEY RD PINOLE	RCRA-SQG-US	Listed	0.11 N	-13
14 Maps: 1 , 2 , 3	10008067 PINOLE CHEVRON	2695 Pinole Valley Rd Pinole	CERS-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	FA0032514-COC PINOLE CHEVRON	2695 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	FA0032514-COC PINOLE CHEVRON	2695 PINOLE VALLEY RD PINOLE	County-UST-CA	Listed	0.12 N	-5

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
14 Maps: 1 , 2 , 3	T0601300658 CHEVRON	2695 PINOLE VALLEY RD PINOLE	ENF-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	4038368 CHEVRON	2695 PINOLE VALLEY PINOLE	Hist-HWS-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	82322 CHEVRON	2695 PINOLE VALLEY RD PINOLE	Hist-LUSTIS-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	8868-R2 CHEVRON	2695 PINOLE VALLEY RD PINOLE	HIST-MTBE-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	82322 CHEVRON	2695 PINOLE VALLEY RD PINOLE	Hist-Regional-SLIC- CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	29722-PD KEN BETTS CHEVRON	2695 PINOLE VALLEY RD PINOLE	Hist-Service Stations	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	201962 KEN BETTS PINOLE CHEVRON	2695 PINOLE VALLEY RD PINOLE	Hist-Service Stations	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	111360 PINOLE CHEVRON	2695 PINOLE VALLEY RD Pinole	Hist-Service Stations	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	24386 Bedrock Oil Pinole Chevron	2695 Pinole Valley Rd Pinole	Hist-Service Stations	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	211056 96014	2695 PINOLE VALLEY RD PINOLE	Hist-UST-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	4038368 CHEVRON #4014	2695 PINOLE VALLEY PINOLE	Hist-USTReg-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	T0601300658 CHEVRON	2695 PINOLE VALLEY RD PINOLE	LUST-Closed-CA	Completed - Case Closed	0.12 N	-5
14 Maps: 1 , 2 , 3	CAD980638035 CHEVRON STATION NO 94014	2695 PINOLE VALLEY RD PINOLE	RCRA-SQG-US	Listed	0.12 N	-5

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
14 Maps: 1 , 2 , 3	7182 PINOLE CHEVRON	2695 Pinole Valley Rd Pinole	UST-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	57657 PINOLE CHEVRON	2695 PINOLE VALLEY RD PINOLE	UST-CRSP-CA	Listed	0.12 N	-5
14 Maps: 1 , 2 , 3	15341 CHEVRON #9-4014	2695 PINOLE VALLEY RD PINOLE	UST-Priority-CA	Listed	0.12 N	-5
15 Maps: 1 , 2 , 3	CAL000055937 PINOLE CLEANERS	2710 PINOLE VALLEY RD PINOLE	DryCleaners-CA	Listed	0.12 NW	-18
16 Maps: 1 , 2 , 3	FA0035690-COC CHIPOTLE MEXICAN GRILL #1505	2696 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.13 NW	-19
17 Maps: 1 , 2 , 3	SLT20205308 PINOLE VALLEY SHOPPING CENTER - Former Mercury Dry Cleaners	2700 PINOLE VALLEY RD PINOLE	ENF-CA	Listed	0.14 NW	-19
17 Maps: 1 , 2 , 3	6532106 PINOLE VALLEY SHOPPINT CENTER	2700 PINOLE VALLEY RD PINOLE	Hist-Regional-SLIC- CA	Listed	0.14 NW	-19
18 Maps: 1 , 2 , 3	FA0032033-COC PINOLE VALLEY SHELL	2690 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.14 N	-20
18 Maps: 1 , 2 , 3	FA0032033-COC PINOLE VALLEY SHELL	2690 PINOLE VALLEY RD PINOLE	County-UST-CA	Listed	0.14 N	-20
18 Maps: 1 , 2 , 3	T0601300258 SHELL	2690 PINOLE VALLEY RD PINOLE	ENF-CA	Listed	0.14 N	-20
18 Maps: 1 , 2 , 3	377296 SHELL	2690 PINOLE VALLEY RD PINOLE	Hist-LUSTIS-CA	Listed	0.14 N	-20
18 Maps: 1 , 2 , 3	9136-R2 SHELL	2690 PINOLE VALLEY RD PINOLE	HIST-MTBE-CA	Listed	0.14 N	-20

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
18 Maps: 1 , 2 , 3	377296 SHELL	2690 PINOLE VALLEY RD PINOLE	Hist-Regional-SLIC- CA	Listed	0.14 N	-20
18 Maps: 1 , 2 , 3	43632-PD PINOLE VALLEY SHELL	2690 PINOLE VALLEY RD PINOLE	Hist-Service Stations	Listed	0.14 N	-20
18 Maps: 1 , 2 , 3	256605 PINOLE CLAUUEY SHELL SERVICE	2690 PINOLE VALLEY RD PINOLE	Hist-UST-CA	Listed	0.14 N	-20
18 Maps: 1 , 2 , 3	4038367 PINOLE VALLEY SHELL	2690 PINOLE VALLEY PINOLE	Hist-USTReg-CA	Listed	0.14 N	-20
18 Maps: 1 , 2 , 3	T0601300258 SHELL	2690 PINOLE VALLEY RD PINOLE	LUST-Closed-CA	Completed - Case Closed	0.14 N	-20
18 Maps: 1 , 2 , 3	CAD981401839 SHELL OIL CO	2690 PINOLE VALLEY RD PINOLE	RCRA-SQG-US	Listed	0.14 N	-20
19 Maps: 1 , 2 , 3	10657996 Jack in the Box #0436	2689 Pinole Valley Rd Pinole	CERS-CA	Listed	0.16 N	0
19 Maps: 1 , 2 , 3	FA0037815-COC JACK IN THE BOX #0436	2689 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.16 N	0
20 Maps: 1 , 2 , 3	10004569 CONOCOPHILLIPS CO #254754	2995 PINOLE VALLEY RD PINOLE	CERS-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	FA0030899-COC CONOCOPHILLIPS CO #254754	2995 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	FA0030899-COC CONOCOPHILLIPS CO #254754	2995 PINOLE VALLEY RD PINOLE	County-UST-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	T0601300340 TOSCO - FACILITY #4754	2995 PINOLE VALLEY RD PINOLE	ENF-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	7810395 1X SHAW'S UNOCAL 76 STATION	2995 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.2 S	-5

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
20 Maps: 1 , 2 , 3	7433903 UNOCAL	2995 PINOLE VALLEY PINOLE	Hist-HWS-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	930653 UNOCAL	2995 PINOLE VALLEY RD PINOLE	Hist-LUSTIS-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	9176-R2 TOSCO - FACILITY #4754	2995 PINOLE VALLEY RD PINOLE	HIST-MTBE-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	930653 UNOCAL	2995 PINOLE VALLEY RD PINOLE	Hist-Regional-SLIC- CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	201967 UNION #4754	2995 PINOLE VALLEY RD PINOLE	Hist-Service Stations	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	274050 UNION OIL SS4754	2995 PINOLE VALLEY RD PINOLE	Hist-UST-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	273613 UNION OIL SS 4754	2995 PINOLE VALLEY ROAD PINOLE	Hist-UST-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	4038372 UNOCAL SERVICE STATION #4754	2995 PINOLE VALLEY PINOLE	Hist-USTReg-CA	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	T0601300340 TOSCO - FACILITY #4754	2995 PINOLE VALLEY RD PINOLE	LUST-Closed-CA	Completed - Case Closed	0.2 S	-5
20 Maps: 1 , 2 , 3	CAL000277058 CONOCOPHILLIPS SITE #254754	2995 PINOLE VALLEY RD PINOLE	RCRA-SQG-US	Listed	0.2 S	-5
20 Maps: 1 , 2 , 3	6659 UNOCAL SERVICE STATION #4754	2995 PINOLE VALLEY ROAD PINOLE	UST-Priority-CA	Listed	0.2 S	-5
21 Maps: 1 , 2 , 3	625728 1342 Bayview Farm rd	Not Reported by Agency	Spills-SSO-CA	Listed	0.24 S	-10
22 Maps: 1 , 2 , 3	10483264 WCCUSD/PINOLE HIGH SCHOOL	2900 Pinole Valley Rd Pinole	CERS-CA	Listed	0.25 S	6

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
22 Maps: 1 , 2 , 3	FA0031891-COC WCCUSD/PINOLE HIGH SCHOOL	2900 PINOLE VALLEY RD PINOLE	County-Others-CA	Listed	0.25 S	6
22 Maps: 1 , 2 , 3	7732221 RICHMOND UNIFIED SCHOOL DIST	2900 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.25 S	6
22 Maps: 1 , 2 , 3	7732220 PINOLE VALLEY HIGH SCHOOL	2900 PINOLE VALLEY RD PINOLE	Hist-CalFID-CA	Listed	0.25 S	6
22 Maps: 1 , 2 , 3	CAR000252163 PINOLE VALLEY HIGH SCHOOL	2900 PINOLE VALLEY RD PINOLE	RCRA-LQG-US	Listed	0.25 S	6
23 Maps: 1 , 3	T10000008992 Gateway Development	1300 Pinole Valley Road Pinole	SLIC-Open-CA	Open - Remediation	0.41 N	-18

POTENTIAL AREAS OF CONCERN/CONTAMINATION SUMMARY

DATABASE SEARCHED	SUBJECT SITE WITHIN POTENTIAL AREA OF CONCERN	AREAS FOUND WITHIN 1-MILE RADIUS
NPL-R9-US	No	0
MethaneLF-CA	No	0
LA-LF-CA	No	0
Military-Bases-US	No	0
SGV-Deep-Plumes-CA	No	0
SGV-Shallow-Plumes-Puente-Valley-CA	No	0
SGV-Shallow-Plumes-CA	No	0

DATABASE OCCURRENCE SUMMARY

HIGH RISK* OCCURRENCES IDENTIFIED IN REQUESTED SEARCH RADIUS		
DATABASE SEARCHED	DISTANCE SEARCHED (MILES)	HIGH RISK OCCURRENCES FOUND
Cal-CorAct-Open-CA	0.5	0
Cal-Military-Active	1	0
Cal-School-Active	0.5	0
Cal-State-Response-Active	1	0
Cal-Superfund-Active	1	0
Cal-VCP-Active	0.5	0
CERCLIS-US	0.5	0
County-LUST-Open-CA	0.5	0
County-SLIC-Open-CA	0.5	0
LUST-Open-CA	0.5	1
NPL-US	1	0
Proposed-NPL-US	1	0
Response-CA	1	0
SAA-Agreements-US	1	0
SLIC-Open-CA	0.5	1
Tribal-LUST-Open-Reg9	0.5	0
UST-Cleanup-CA	0.5	0

* For the purposes of this report, "high risk" occurrences are those that have known contamination and have not received a "case closed" or "no further action" status from the agency that maintains the records.

ASTM/AAI STANDARD RECORD SOURCES SUMMARY

STANDARD ENVIRONMENTAL RECORD SOURCES	ASTM MIN. SEARCH DIST. / ERS SEARCH DIST. (MILES)	ERS DATABASE NAME	TOTAL LISTINGS	MAP ID #'S
Federal NPL site list	1.0 / 1.0	NPL-US	0	None Listed
		Proposed-NPL-US	0	None Listed
Federal Delisted NPL site list	0.5 / 1.0	Delisted-NPL-US	0	None Listed

Federal CERCLIS list	0.5 / 0.5	CERCLIS-US	0	None Listed
Federal CERCLIS NFRAP site list	0.5 / 0.5	CERCLIS-Archived-US	1	13
Federal RCRA CORRACTS facilities list	1.0 / 1.0	RCRA-COR-US	0	None Listed
Federal RCRA non-CORRACTS TSD facilities list	0.5 / 0.5	RCRA-TSD-US	0	None Listed
Federal RCRA generators list	Property and adjoining properties / 0.25	RCRA-CESQG-US	1	12
		RCRA-LQG-US	1	22
		RCRA-NON-US	0	None Listed
		RCRA-SQG-US	5	11 , 13 , 14 , 18 , 20
Federal Inst/Eng control registries	Property Only / 0.25	Controls-RCRA-US	0	None Listed
		Controls-US	0	None Listed
		Hist-US-EC	0	None Listed
		Hist-US-IC	0	None Listed
		LIENS-US	0	None Listed
Federal ERNS list	Property Only / 0.0625	ERNS-US	0	None Listed
State and Tribal-Equivalent NPL	1.0 / 1.0	Cal-State-Response-Active	0	None Listed
		Cal-State-Response-NFA	0	None Listed
		Cal-State-Response-Other	0	None Listed
		Response-CA	0	None Listed
State and Tribal-Equivalent CERCLIS	0.5 / 0.5	Cal-Superfund-Active	0	None Listed
		Cal-Superfund-NFA	0	None Listed
		Cal-Superfund-Other	0	None Listed
State and Tribal landfill and/or solid waste disposal sites	0.5 / 0.5	County-SWF-CA	0	None Listed
		Debris-US	0	None Listed
		Hist-Dumps-US	0	None Listed
		Hist-SWF-CA	0	None Listed
		Land-Disposal-CA	0	None Listed
		SWIS-CA	0	None Listed
		SWLF-US	0	None Listed
		Tribal-ODI-US	0	None Listed
State and Tribal Leaking Storage Tank Lists	0.5 / 0.5	County-LUST-CA	0	None Listed
		County-LUST-Closed-CA	0	None Listed
		County-LUST-Open-CA	0	None Listed
		LUST-Closed-CA	5	7 , 11 , 14 , 18 , 20
		LUST-Open-CA	1	4

		Tribal-LUST-Closed-Reg9	0	None Listed
		Tribal-LUST-Open-Reg9	0	None Listed
		UST-Cleanup-CA	0	None Listed
State and Tribal Registered Storage Tank Lists	Property and adjoining properties / 0.25	AST-CA	0	None Listed
		AST-CRSP-CA	0	None Listed
		City-AST-CA	0	None Listed
		City-UST-CA	0	None Listed
		County-AST-CA	0	None Listed
		County-UST-CA	6	4, 7, 11, 14, 18, 20
		FEMA-UST-US	0	None Listed
		Hist-UST-CA	8	4, 7, 7, 11, 14, 18, 20, 20
		Tribal-UST-Reg9	0	None Listed
		UST-Abandoned-CA	0	None Listed
		UST-CA	2	4, 14
		UST-Closed-CA	0	None Listed
		USTComp-CA	0	None Listed
		UST-CRSP-CA	2	4, 14
		UST-Priority-CA	3	4, 14, 20
UST-Proposed-CA	0	None Listed		
State and Tribal Inst/Eng Control Registries	Property Only / 0.5	Controls-CA	0	None Listed
		Deed-CA	0	None Listed
		Hist-Controls-CA	0	None Listed
		Liens-CA	0	None Listed
State and Tribal Voluntary Cleanup Sites	0.5 / 0.5	Cal-Eval-Hist	0	None Listed
		Cal-Eval-Hist-NFA	0	None Listed
		Cal-Military-Active	0	None Listed
		Cal-Military-NFA	0	None Listed
		Cal-Military-Other	0	None Listed
		Cal-School-Active	0	None Listed
		Cal-School-NFA	0	None Listed
		Cal-School-Other	0	None Listed
		Cal-VCP-Active	0	None Listed
		Cal-VCP-NFA	0	None Listed
		Cal-VCP-Other	1	13
		Tribal-VCP-US	0	None Listed
State and Tribal Brownfield Sites	0.5 / 0.5	BF-US	0	None Listed
		Tribal-BF-US	0	None Listed

FEDERAL ASTM/AAI DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BF-US	0.5	0	0	0	0	-	0
CERCLIS-Archived-US	0.5	0	1	0	0	-	1
CERCLIS-US	0.5	0	0	0	0	-	0
Controls-RCRA-US	0.5	0	0	0	0	-	0
Controls-US	0.5	0	0	0	0	-	0
Debris-US	0.5	0	0	0	0	-	0
Delisted-NPL-US	1	0	0	0	0	0	0
ERNS-US	0.0625	0	0	-	-	-	0
FEMA-UST-US	0.25	0	0	0	-	-	0
FTTS-ENF-US	0.0625	0	0	-	-	-	0
Hist-Dumps-US	0.5	0	0	0	0	-	0
Hist-US-EC	0.5	0	0	0	0	-	0
Hist-US-IC	0.5	0	0	0	0	-	0
HMIS-US	0.0625	0	0	-	-	-	0
LIENS-US	0.0625	0	0	-	-	-	0
NPL-US	1	0	0	0	0	0	0
PADS-US	0.0625	0	0	-	-	-	0
PCB-US	0.25	0	0	0	-	-	0
Proposed-NPL-US	1	0	0	0	0	0	0
RCRA-CESQG-US	0.25	0	1	0	-	-	1
RCRA-COR-US	1	0	0	0	0	0	0
RCRA-LQG-US	0.25	0	0	1	-	-	1
RCRA-NON-US	0.25	0	0	0	-	-	0
RCRA-SQG-US	0.25	0	4	1	-	-	5
RCRA-TSD-US	0.5	0	0	0	0	-	0
SAA-Agreements-US	1	0	0	0	0	0	0
SWLF-US	0.5	0	0	0	0	-	0
Tribal-BF-US	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg9	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg9	0.5	0	0	0	0	-	0
Tribal-ODI-US	0.5	0	0	0	0	-	0
Tribal-UST-Reg9	0.25	0	0	0	-	-	0
Tribal-VCP-US	0.5	0	0	0	0	-	0

STATE ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
AST-CA	0.25	0	0	0	-	-	0
AST-CRSP-CA	0.25	0	0	0	-	-	0
Cal-BZ-HazWaste-CA	0.5	0	0	0	0	-	0
Cal-CorAct-Closed-CA	0.5	0	0	0	0	-	0
Cal-CorAct-Open-CA	0.5	0	0	0	0	-	0
Cal-Eval-Hist	0.5	0	0	0	0	-	0
Cal-Eval-Hist-NFA	0.5	0	0	0	0	-	0
Cal-Military-Active	1	0	0	0	0	0	0
Cal-Military-NFA	0.5	0	0	0	0	-	0
Cal-Military-Other	1	0	0	0	0	0	0
Cal-School-Active	0.5	0	0	0	0	-	0
Cal-School-NFA	0.5	0	0	0	0	-	0
Cal-School-Other	0.5	0	0	0	0	-	0
Cal-State-Response-Active	1	0	0	0	0	0	0
Cal-State-Response-NFA	0.5	0	0	0	0	-	0
Cal-State-Response-Other	0.5	0	0	0	0	-	0
Cal-Superfund-Active	1	0	0	0	0	0	0
Cal-Superfund-NFA	1	0	0	0	0	0	0

STATE ASTM/AAI DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Cal-Superfund-Other	1	0	0	0	0	0	0
Cal-VCP-Active	0.5	0	0	0	0	-	0
Cal-VCP-NFA	0.5	0	0	0	0	-	0
Cal-VCP-Other	0.5	0	1	0	0	-	1
CBF-CA	0.5	0	0	0	0	-	0
CERS-CA	0.25	0	7	3	-	-	10
CHMIRS-CA	0.0625	0	0	-	-	-	0
City-AST-CA	0.25	0	0	0	-	-	0
City-CUPA-CA	0.25	0	0	0	-	-	0
City-Others-CA	0.25	0	0	0	-	-	0
City-UST-CA	0.25	0	0	0	-	-	0
Controls-CA	0.5	0	0	0	0	-	0
CORTESE-CA	0.25	0	0	0	-	-	0
County-AST-CA	0.25	0	0	0	-	-	0
County-Hist-CA	0.25	0	0	0	-	-	0
County-LUST-CA	0.5	0	0	0	0	-	0
County-LUST-Closed-CA	0.5	0	0	0	0	-	0
County-LUST-Open-CA	0.5	0	0	0	0	-	0
County-Others-CA	0.25	0	13	3	-	-	16
County-SLIC-Closed-CA	0.25	0	0	0	-	-	0
County-SLIC-Open-CA	0.5	0	0	0	0	-	0
County-SML-CA	0.5	0	0	0	0	-	0
County-SWF-CA	0.5	0	0	0	0	-	0
County-UST-CA	0.25	0	5	1	-	-	6
CUPA-CA	0.25	0	0	0	-	-	0
Deed-CA	0.5	0	0	0	0	-	0
ENF-CA	0.25	0	6	1	-	-	7
ENF-SMARTS-CA	0.25	0	0	0	-	-	0
ENF-Wastewater-CA	0.25	0	4	0	-	-	4
HazWaste-CA	0.25	0	0	0	-	-	0
Hist-Controls-CA	0.5	0	0	0	0	-	0
Hist-Cort-CA	0.25	0	0	0	-	-	0
HIST-R4-CA	0.25	0	0	0	-	-	0
Hist-SWF-CA	0.5	0	0	0	0	-	0
Hist-UST-CA	0.25	0	6	2	-	-	8
Hist-WIP-Active-CA	0.5	0	0	0	0	-	0
Hist-WIP-Backlog-CA	0.5	0	0	0	0	-	0
Hist-WIP-Historical-CA	0.5	0	0	0	0	-	0
HWIS-CA	0.0625	0	7	-	-	-	7
ICE-CA	0.25	0	0	0	-	-	0
Land-Disposal-CA	0.5	0	0	0	0	-	0
Liens-CA	0.0625	0	0	-	-	-	0
LUST-Closed-CA	0.5	0	4	1	0	-	5
LUST-Open-CA	0.5	0	1	0	0	-	1
Manifest2-RI	0.0625	0	0	-	-	-	0
PR-MOA-CA	0.25	0	0	0	-	-	0
Response-CA	1	0	0	0	0	0	0
SLIC-Closed-CA	0.5	0	0	0	0	-	0
SLIC-CV-CLOSED-CA	0.5	0	0	0	0	-	0
SLIC-CV-OPEN-CA	0.5	0	0	0	0	-	0
SLIC-Open-CA	0.5	0	0	0	1	-	1
SML-CA	0.5	0	0	0	0	-	0
SWIS-CA	0.5	0	0	0	0	-	0
SWRCY-CA	0.5	0	0	0	0	-	0
UST-Abandoned-CA	0.25	0	0	0	-	-	0

STATE ASTM/AAI DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
UST-CA	0.25	0	2	0	-	-	2
UST-Cleanup-CA	0.5	0	0	0	0	-	0
UST-Closed-CA	0.25	0	0	0	-	-	0
USTComp-CA	0.25	0	0	0	-	-	0
UST-CRSP-CA	0.25	0	2	0	-	-	2
UST-Priority-CA	0.5	0	2	1	0	-	3
UST-Proposed-CA	0.25	0	0	0	-	-	0

SUPPLEMENTAL DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Air-CA	0.25	0	0	0	-	-	0
AIR-DIST-CA	0.25	0	0	0	-	-	0
BioFuel-US	0.25	0	0	0	-	-	0
Cal-Mortgage-CA	0.25	0	0	0	-	-	0
Cal-TierPer-CA	0.25	0	0	0	-	-	0
CDL-CA	0.0625	0	0	-	-	-	0
CDL-US	0.0625	0	0	-	-	-	0
CHWF-CA	0.5	0	0	0	0	-	0
Coal-Ash-Dams-US	0.5	0	0	0	0	-	0
County-BI-CA	0.25	0	0	0	-	-	0
Dams-CA	0.25	0	0	0	-	-	0
DCF2-CA	0.25	0	1	0	-	-	1
DPR-CA	0.25	0	0	0	-	-	0
DryCleaners-CA	0.25	0	7	0	-	-	7
EGRID-US	0.5	0	0	0	0	-	0
EPA-Watch-List-US	0.25	0	0	0	-	-	0
FA-HW-CA	0.0625	0	0	-	-	-	0
FA-HW-US	0.0625	0	0	-	-	-	0
FA-SWF-CA	0.0625	0	0	-	-	-	0
FRS-US	0.0625	0	1	-	-	-	1
FTTS-INSP-US	0.0625	0	0	-	-	-	0
FUDS-US	1	0	0	0	0	0	0
FUSRAP-US	0.25	0	0	0	-	-	0
Haulers-CA	0.0625	0	0	-	-	-	0
Hist-AFS2-US	0.25	0	0	0	-	-	0
Hist-AFS-US	0.25	0	0	0	-	-	0
Hist-AST-CA	0.25	0	0	0	-	-	0
Hist-AWS-CA	0.25	0	0	0	-	-	0
Hist-CA	0.0625	0	25	-	-	-	25
Hist-CalFID-CA	0.25	0	9	3	-	-	12
Hist-CALSITES-CA	0.25	0	1	0	-	-	1
Hist-CERCLIS-NFRAP-US	0.25	0	0	0	-	-	0
Hist-CERCLIS-US	0.25	0	0	0	-	-	0
Hist-City-UST-CA	0.25	0	0	0	-	-	0
Hist-Deed-CA	0.25	0	0	0	-	-	0
Hist-DTG-CA	0.25	0	0	0	-	-	0
Hist-ERNS-US	0.25	0	1	0	-	-	1
Hist-FIFRA-US	0.25	0	0	0	-	-	0
Hist-FINDS-US	0.0625	0	0	-	-	-	0
Hist-HWS-CA	0.25	0	2	1	-	-	3
Hist-LUSTIS-CA	0.25	0	4	1	-	-	5
HIST-MLTS-US	0.25	0	0	0	-	-	0

SUPPLEMENTAL DATABASES

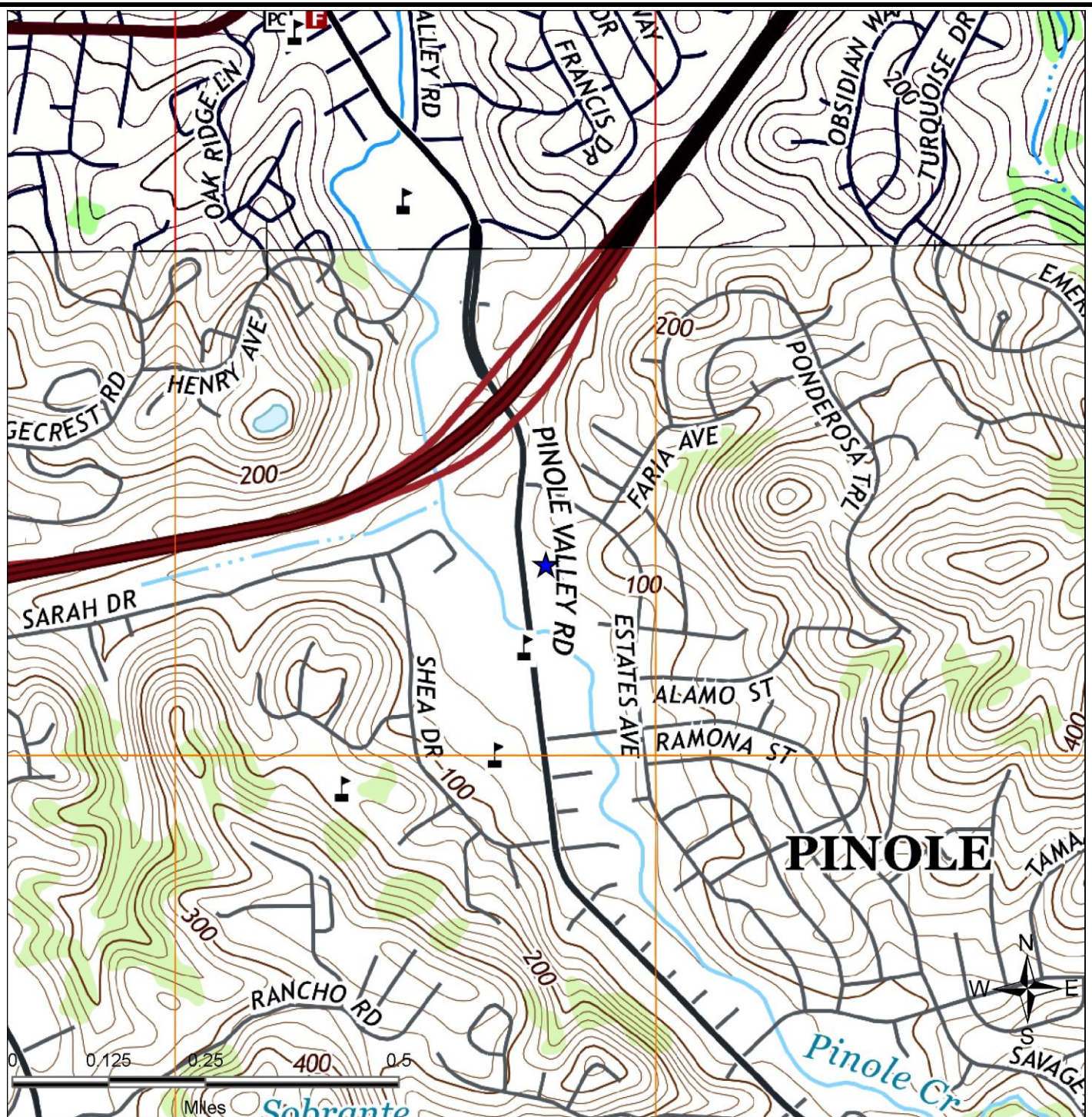
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
HIST-MTBE-CA	0.25	0	5	1	-	-	6
Hist-NPL-US	0.25	0	0	0	-	-	0
Hist-Orange-County-LF-CA	0.25	0	0	0	-	-	0
Historical-CA	0.5	0	0	0	0	-	0
Hist-Prop65-CA	0.25	0	0	0	-	-	0
Hist-RCRIS-US	0.25	0	0	0	-	-	0
Hist-Regional-LUST-CA	0.25	0	0	0	-	-	0
Hist-Regional-Other-CA	0.25	0	0	0	-	-	0
Hist-Regional-SLIC-CA	0.25	0	6	1	-	-	7
Hist-Regional-Spills-CA	0.25	0	0	0	-	-	0
Hist-Regional-SWLF-CA	0.25	0	0	0	-	-	0
Hist-Regional-UST-CA	0.25	0	0	0	-	-	0
Hist-SCL-CA	0.25	0	0	0	-	-	0
Hist-SWIS-CA	0.25	0	0	0	-	-	0
Hist-ToxicPits-CA	0.25	0	0	0	-	-	0
Hist-TRIS-US	0.25	0	0	0	-	-	0
Hist-US	0.0625	0	0	-	-	-	0
Hist-USGS-WaterWells-CA	0.0625	0	0	-	-	-	0
Hist-USTReg-CA	0.25	0	5	1	-	-	6
Hist-WaterWells-US	0.0625	0	0	-	-	-	0
Hist-WMUDS-CA	0.25	0	0	0	-	-	0
HWT-CA	0.25	0	0	0	-	-	0
ICIS-Air-US	0.0625	0	0	-	-	-	0
ICIS-FEC-US	0.0625	0	0	-	-	-	0
ICIS-NPDES-US	0.0625	0	0	-	-	-	0
LA-Waste-Haulers-CA	0.0625	0	0	-	-	-	0
Lead-Smelter-2-US	0.25	0	0	0	-	-	0
Lead-US	0.25	0	0	0	-	-	0
LMOP-US	0.5	0	0	0	0	-	0
Mines2-CA	0.0625	0	0	-	-	-	0
Mines-CA	0.0625	0	0	-	-	-	0
MINES-US	0.0625	0	0	-	-	-	0
MLTS-US	0.0625	0	0	-	-	-	0
MRDS-US	0.25	0	0	0	-	-	0
MWMP-CA	0.25	0	0	0	-	-	0
NEI-LF-CA	0.25	0	0	0	-	-	0
NPDES-CA	0.0625	0	0	-	-	-	0
NPDES-SW-CA	0.0625	0	0	-	-	-	0
OGM-CA	0.0625	0	0	-	-	-	0
OGW-CA	0.0625	0	0	-	-	-	0
OSCF-CA	0.5	0	0	0	0	-	0
PCS-US	0.25	0	0	0	-	-	0
Perch1-CA	0.25	0	0	0	-	-	0
Perch2-CA	0.25	0	0	0	-	-	0
RADINFO-US	0.0625	0	0	-	-	-	0
RFG-Lab-US	0.25	0	0	0	-	-	0
RMP-US	0.0625	0	0	-	-	-	0
ROD-US	0.5	0	0	0	0	-	0
SDWIS-US	0.25	0	1	0	-	-	1
Spills-SSO-CA	0.25	0	0	1	-	-	1
SSTS-US	0.0625	0	0	-	-	-	0
Tribal-Air-US	0.25	0	0	0	-	-	0
TRIS2000-US	0.0625	0	0	-	-	-	0
TRIS2010-US	0.0625	0	0	-	-	-	0
TRIS80-US	0.0625	0	0	-	-	-	0

SUPPLEMENTAL DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
TRIS90-US	0.0625	0	0	-	-	-	0
TSCA-US	0.0625	0	0	-	-	-	0
UIC2-CA	0.0625	0	0	-	-	-	0
UIC-CA	0.0625	0	0	-	-	-	0
UMTRA-US	0.0625	0	0	-	-	-	0
USGS-Waterwells-US	0.0625	0	0	-	-	-	0
Vapor-Intrusions-US	0.5	0	0	0	0	-	0
WDR-CA	0.25	0	0	0	-	-	0
Wells-CA	0.0625	0	0	-	-	-	0

PROPRIETARY HISTORIC DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Hist-Agriculture	0.0625	0	0	-	-	-	0
Hist-Auto Dealers	0.0625	0	0	-	-	-	0
Hist-Auto Repair	0.25	0	0	0	-	-	0
Hist-Chemical Manufacturing	0.0625	0	0	-	-	-	0
Hist-Chemical-Storage	0.0625	0	0	-	-	-	0
Hist-Cleaners	0.25	0	3	0	-	-	3
Hist-Convenience	0.0625	0	1	-	-	-	1
Hist-Disposal-Recycle	0.0625	0	0	-	-	-	0
Hist-Food-Processors	0.0625	0	0	-	-	-	0
Hist-Gun-Ranges	0.0625	0	0	-	-	-	0
Hist-Machine Shop	0.0625	0	0	-	-	-	0
Hist-Manufacturing	0.0625	0	0	-	-	-	0
Hist-Metal Plating	0.0625	0	0	-	-	-	0
Hist-Mining	0.0625	0	0	-	-	-	0
Hist-Mortuaries	0.0625	0	0	-	-	-	0
Hist-Oil-Gas	0.0625	0	0	-	-	-	0
Hist-OilGas-Refiners	0.0625	0	0	-	-	-	0
Hist-Other	0.0625	0	0	-	-	-	0
Hist-Paint-Stores	0.0625	0	0	-	-	-	0
Hist-Petroleum	0.0625	0	0	-	-	-	0
Hist-Post-Offices	0.0625	0	0	-	-	-	0
Hist-Printers	0.0625	0	0	-	-	-	0
Hist-Rental	0.0625	0	0	-	-	-	0
Hist-RV-Dealers	0.0625	0	0	-	-	-	0
Hist-Salvage	0.0625	0	0	-	-	-	0
Hist-Service Stations	0.25	0	10	1	-	-	11
Hist-Steel-Metals	0.0625	0	0	-	-	-	0
Hist-Textile	0.0625	0	0	-	-	-	0
Hist-Transportation	0.0625	0	0	-	-	-	0
Hist-Trucking	0.0625	0	0	-	-	-	0
Hist-Vehicle-Parts	0.0625	0	0	-	-	-	0
Hist-Vehicle-Washing	0.0625	0	0	-	-	-	0



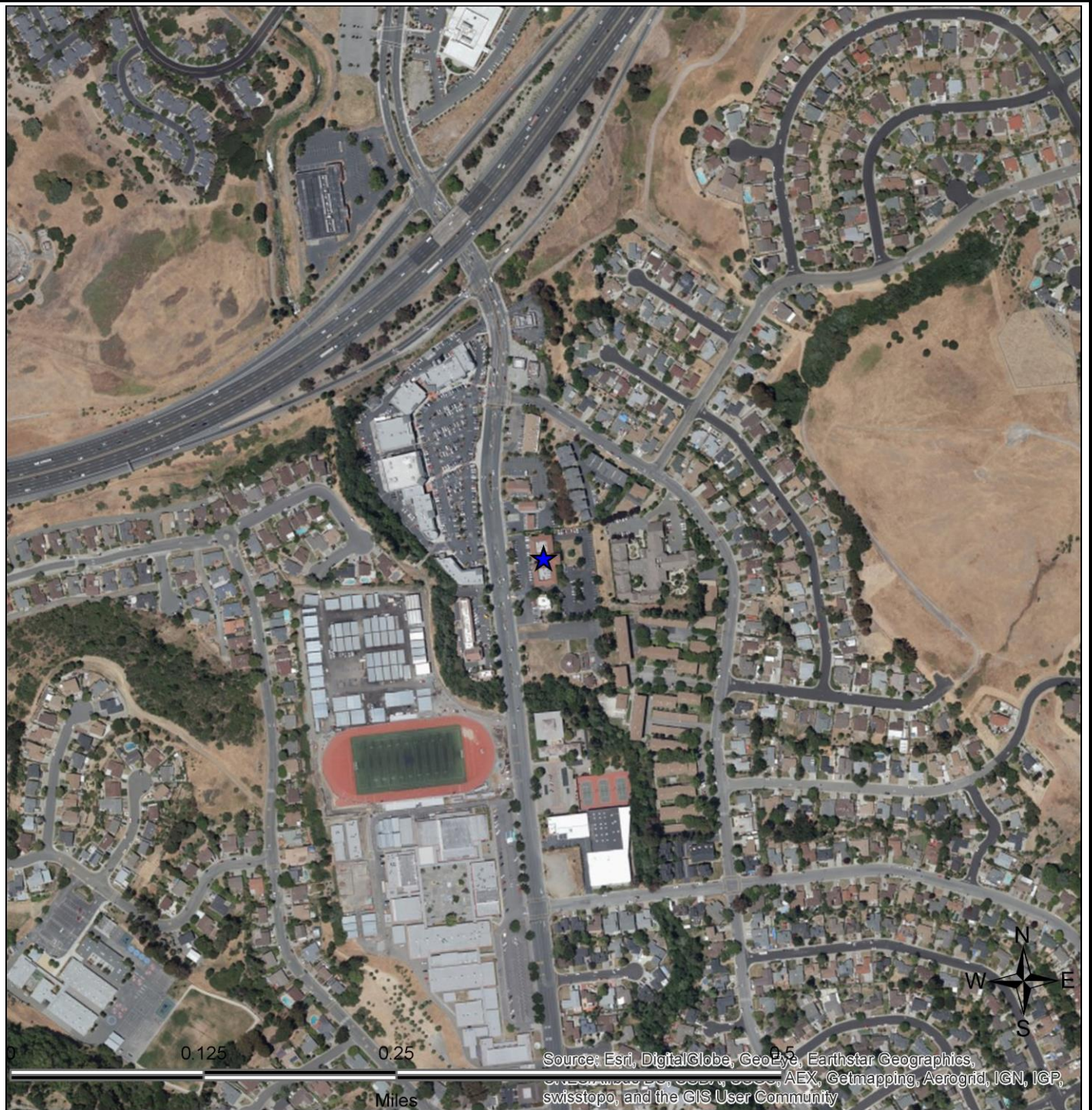
SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey, Richmond (2015-03-11) Quadrangle, 7.5 Minute Series

Pacific Environmental
Management, Inc.

2801 Pinole Valley Road
Pinole, CA 94564

FIGURE: 1
JOB: 2104680973
DATE: 4/5/2017



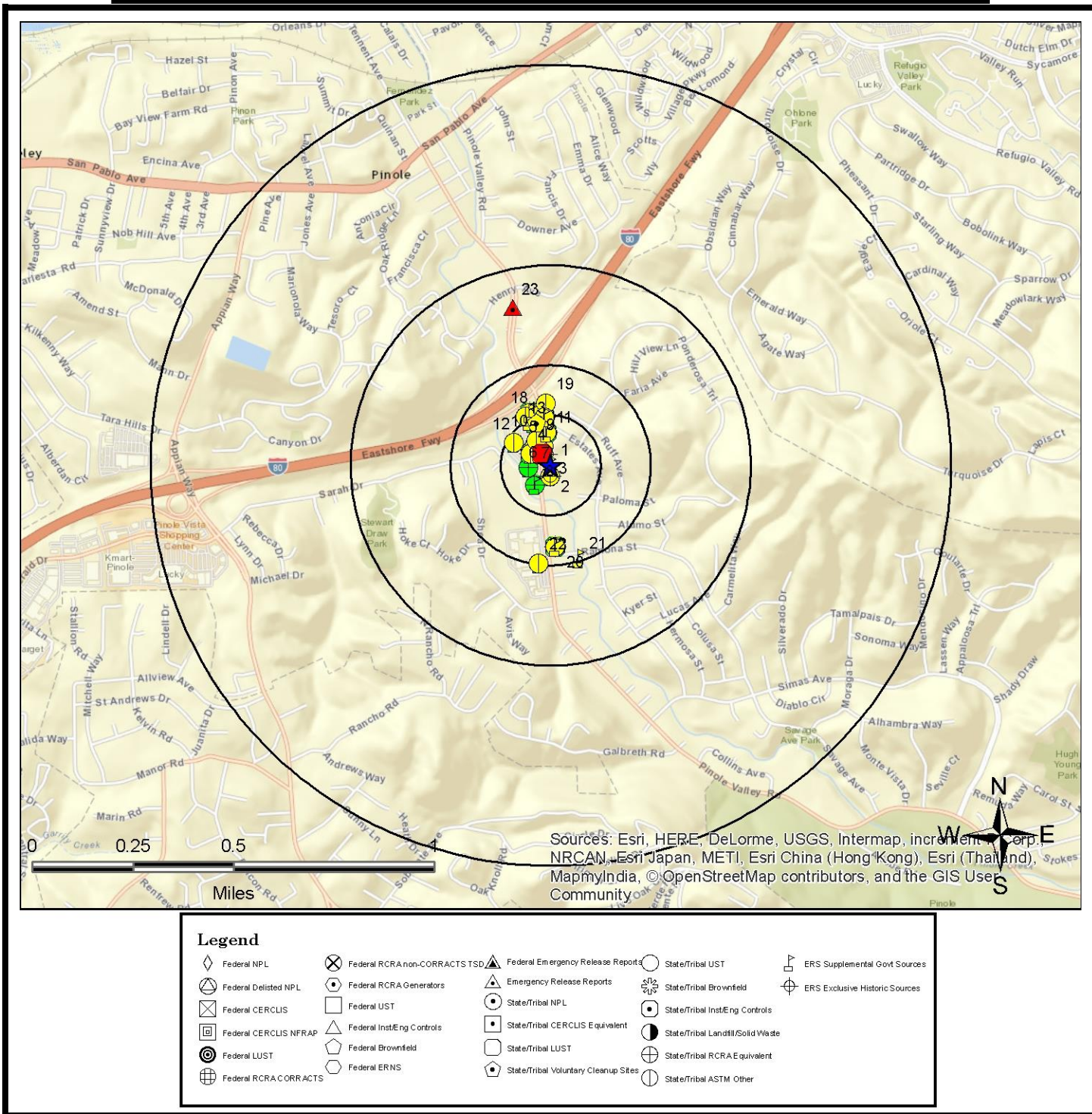
SITE LOCATION MAP

Pacific Environmental Management, Inc.

2801 Pinole Valley Road
Pinole, CA 94564

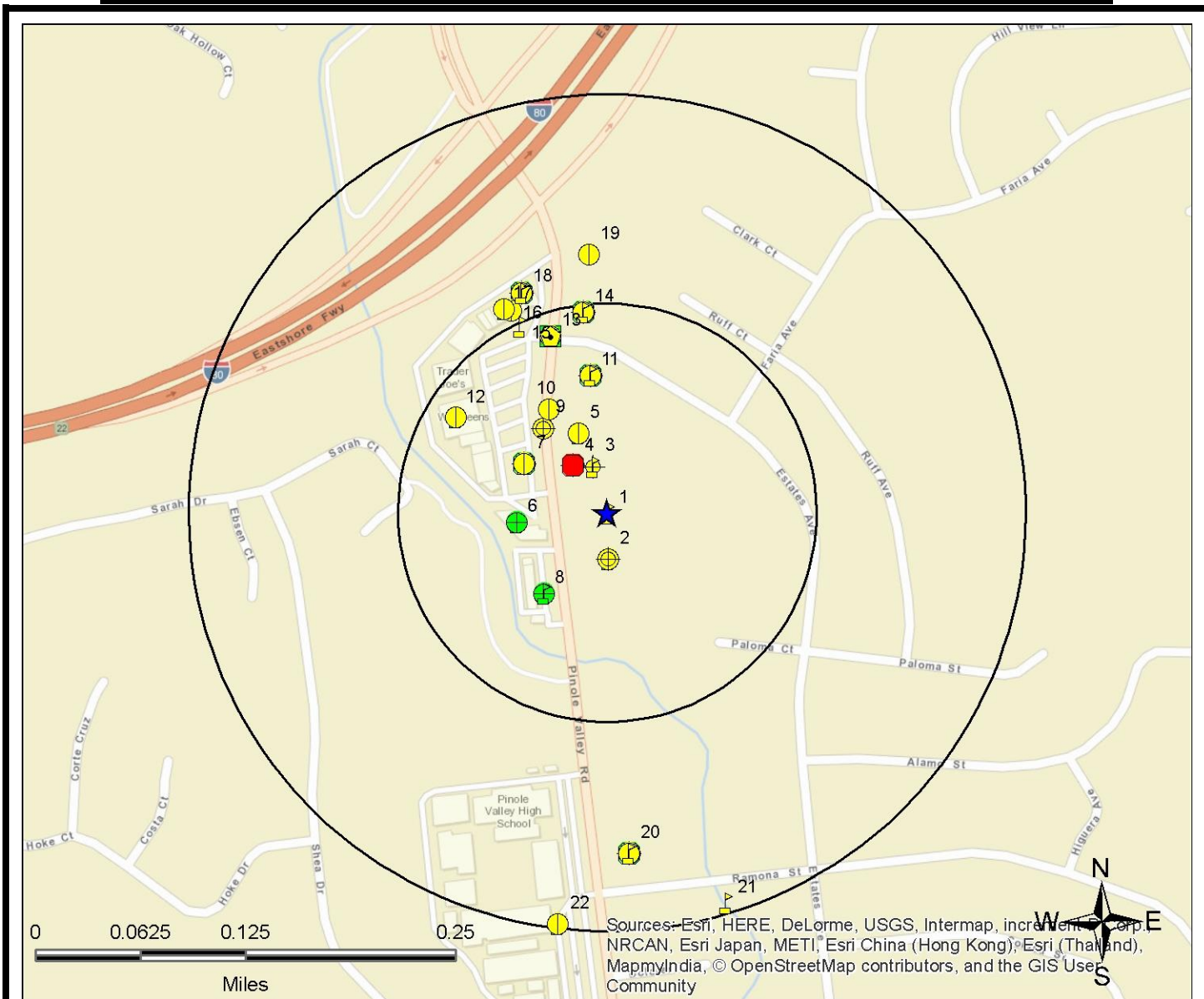
FIGURE: 2
JOB: 2104680973
DATE: 4/5/2017

1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)

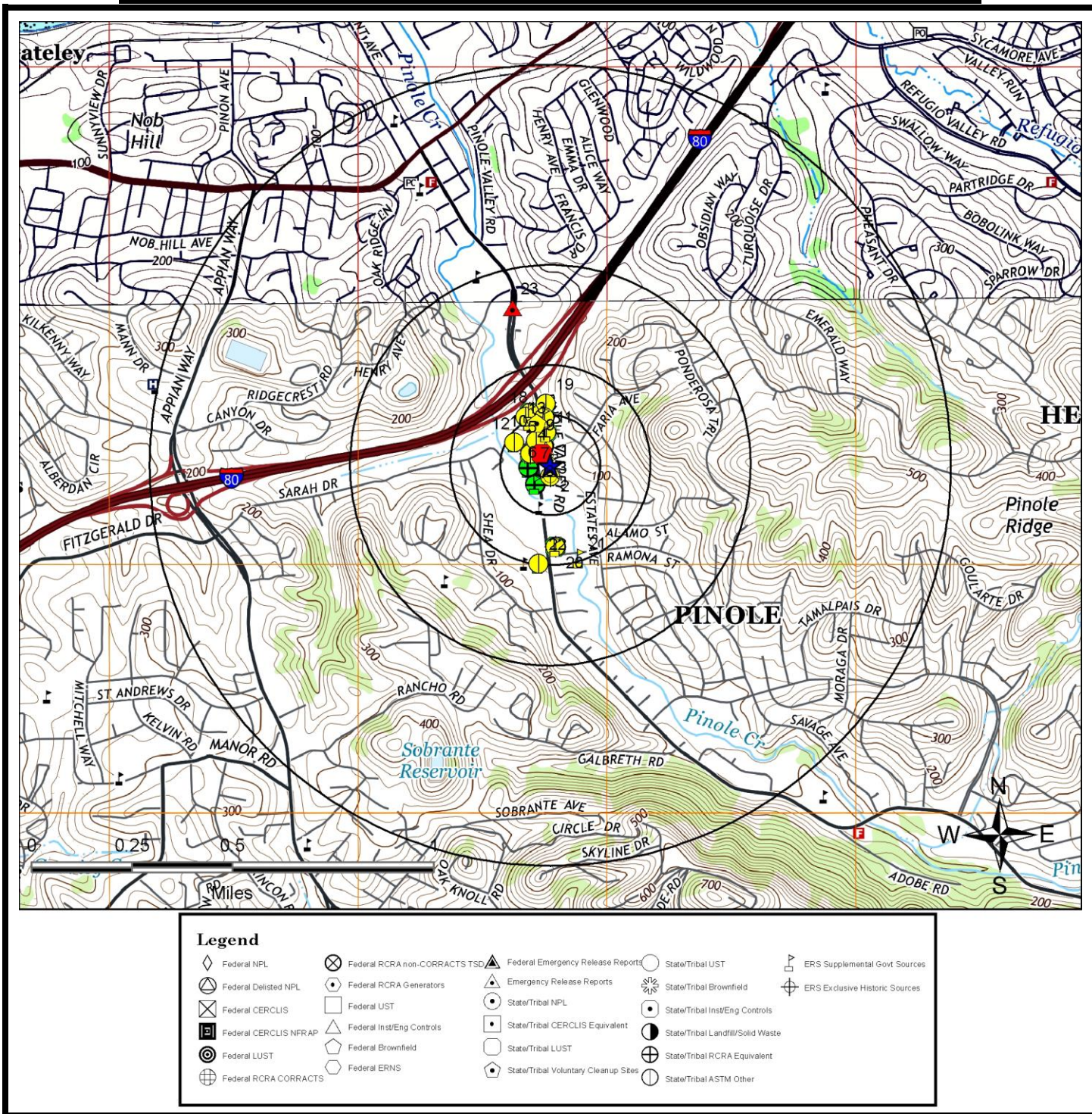


Sources—Esri, HERE, DeLorme, USGS, Intermap, increment p Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Legend			

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

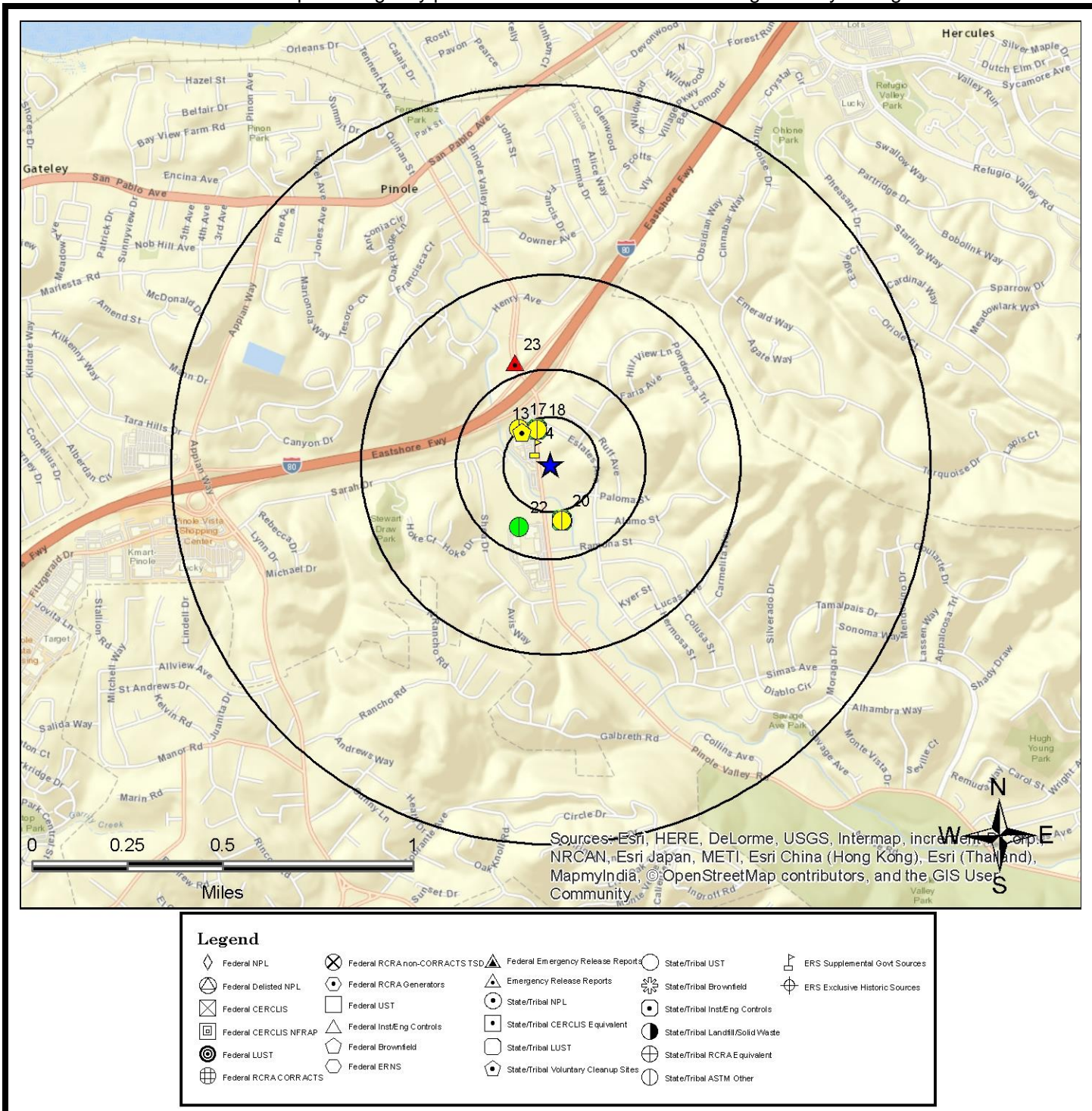
1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP3)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP4)

Note: Occurrences on this map have agency provided coordinates which differ significantly from geocoded locations.



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SUMMARY OF AGENCY DIFFERENCES

MAP ID	ID / SITE NAME	ADDRESS / DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
4	110055698142 ARCO 06228	2747 PINOLE VALLEY RD FRS-US	-122.2858, 37.9947	0.06	NW
13	07720037 MERCURY DRY CLEANERS	2714 PINOLE VALLEY ROAD Cal-VCP-Other	-122.28645, 37.9953	0.11	NW
17	SLT20205308 PINOLE VALLEY SHOPPING CENTER - Former Mercury Dry Cleaners	2700 PINOLE VALLEY RD ENF-CA	-122.28659, 37.99545	0.13	NW
18	T0601300258 SHELL	2690 PINOLE VALLEY RD ENF-CA	-122.2857, 37.99541	0.1	N
18	T0601300258 SHELL	2690 PINOLE VALLEY RD LUST-Closed-CA	-122.2857, 37.99541	0.1	N
20	T0601300340 TOSCO - FACILITY #4754	2995 PINOLE VALLEY RD ENF-CA	-122.28455, 37.99195	0.15	S
20	T0601300340 TOSCO - FACILITY #4754	2995 PINOLE VALLEY RD LUST-Closed-CA	-122.28455, 37.99195	0.15	S
20	6659 UNOCAL SERVICE STATION #4754	2995 PINOLE VALLEY ROAD UST-Priority-CA	-122.28455, 37.99195	0.15	S
22	10483264 WCCUSD/PINOLE HIGH SCHOOL	2900 Pinole Valley Rd CERS-CA	-122.28661, 37.99169	0.18	SW
23	T10000008992 Gateway Development	1300 Pinole Valley Road SLIC-Open-CA	-122.28678, 37.99794	0.28	N

LISTED OCCURRENCE DETAILS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SDWIS-US	Listed	< 0.01 miles NW	55 ft (0 ft higher than site)	1
SITE NAME			MAPS	ID
COUNTRY MEADOW APARTMENTS			1 , 2 , 3	ME0091900
ADDRESS			CITY	ZIP
2801 PINOLE VALLEY RD STE 210			PINOLE	94564

DETAILS

Public Water
 PWS ID: ME0091900
 Primary Source Code: GW
 PWS Deactivation Date: 31/07/2009
 City Served: WELLS
 State Served: ME

Water System and Admin Contact
 EPA Region: Region 1
 PWS Activity Status: Inactive
 PWS Type: Community Water System
 Population Served Count: 53
 Service Connections Count: 21
 Submission Status Code: Y
 Pop Cat 5: <=500
 Pop Cat 11: <=100
 Org Name: BANIQUED, BRIAN
 Admin Name: BANIQUED, BRIAN
 Phone Number: 510-222-0900
 Contact Address: 2801 PINOLE VALLEY RD STE 210 PINOLE CA 94564
 Country Code: US

Enforcements
 Enforcement ID: 857310
 Violation ID: 106709

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.03 miles S	51 ft (4 ft lower than site)	2
SITE NAME			MAPS	ID
7-ELEVEN INC. STORE #14206			1 , 2 , 3	10465537
ADDRESS			CITY	ZIP
2869 Pinole Valley Rd			Pinole	94564

DETAILS

General Program & Facility Information

CERS ID: 10465537
 Facility ID: 07-000-774838
 Facility Regulator Key ID: Not Reported
 Organization Code: 90397300
 Business/Organization Name: 7-ELEVEN CONVENIENCE STORES
 Multiple Jurisdictional Business? (Y/N): Yes
 Business Origin: Business
 Count of Business' CERS User Accounts: 8
 Facility Count for Business: 1239
 Last Submittal Date (any element): 2/27/2017 11:14:43 AM
 Count of Submitted Elements: 12
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information

Assessor Parcel Number (APN): Not Reported
 Number of Employees: 8
 Property Owner Name: 7-ELEVEN INC.
 Property Owner Phone Number: 972-828-6586
 Property Owner Mailing Address: 1722 ROUTH STREET
 Property Owner Mailing City: DALLAS
 Property Owner Mailing State: TX
 Property Owner Mailing Zip Code: 75201
 Property Owner Mailing Country: United States

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.03 miles S	51 ft (4 ft lower than site)	2
SITE NAME			MAPS	ID
7-ELEVEN INC #14206			1 , 2 , 3	FA0035348-COC
ADDRESS			CITY	ZIP
2869 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>County: Contra Costa Type: Underground tank, Hazardous waste generator and Business plan/2185 programs Facility ID: FA0035348 CUPA Facility ID: 774838 CERS ID: 10465537 Street Unit: Not Reported Program Element Code: 7201 Program Element Description: HMBP: LESS THAN 1000 LBS Billing Status: ACTIVE, BILLABLE</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles S	51 ft (4 ft lower than site)	2
SITE NAME			MAPS	ID
7-ELEVEN INC #14206			1 , 2 , 3	774838-COC
ADDRESS			CITY	ZIP
2869 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 09/02/16
 No Longer Listed-County List Facility and Program Information
 County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Cupa Facility ID: 774838
 Street Unit: Not Reported
 Program Element Code: 7201
 Program Element Description: HMBP: LESS THAN 1000 LBS
 Billing Status: ACTIVE, BILLABLE

General Program & Facility Information
 CERS ID: 10465537
 Facility ID: 07-000-774838
 Facility Regulator Key ID: Not Reported
 Organization Code: 90397300
 Business/Organization Name: 7-ELEVEN CONVENIENCE STORES
 Multiple Jurisdictional Business? (Y/N): Yes
 Business Origin: Business
 Count of Business' CERS User Accounts: 9
 Facility Count for Business: 1273
 Last Submittal Date (any element): 2/10/2016 8:23:48 PM
 Count of Submitted Elements: 9
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.03 miles S	51 ft (4 ft lower than site)	2
SITE NAME			MAPS	ID
7-ELEVEN INC #14206			1 , 2 , 3	FA0035348-COC
ADDRESS			CITY	ZIP
2869 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 03/23/17
 Address Changed-County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0035348
 CUPA Facility ID: 774838
 CERS ID: 10465537
 Street Unit: Not Reported
 Program Element Code: 7201
 Program Element Description: HMBP: LESS THAN 1000 LBS
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.03 miles S	51 ft (4 ft lower than site)	2
SITE NAME			MAPS	ID
7-ELEVEN INC #14206			1 , 2 , 3	FA0035348-COC
ADDRESS			CITY	ZIP
2869 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 01/15/17
 Address Changed-County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0035348
 CUPA Facility ID: 07000774838
 CERS ID: 10465537
 Program Element Code: 7201
 Program Element Description: HMBP: LESS THAN 1000 LBS
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Convenience	Listed	0.03 miles S	51 ft (4 ft lower than site)	2
SITE NAME			MAPS	ID
7-ELEVEN FOOD STORE			1 , 2 , 3	213440-PD
ADDRESS			CITY	ZIP
2869 PINOLE VALLEY RD			PINOLE	94564-1426
DETAILS				
Listing Year: 1997 SIC Category: CONVENIENCE STORES SIC Code: 541103				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.03 miles N	61 ft (6 ft higher than site)	3
SITE NAME			MAPS	ID
ARCO			1 , 2 , 3	4038370
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.03 miles N	61 ft (6 ft higher than site)	3
SITE NAME			MAPS	ID
ARCO			1 , 2 , 3	184039
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY R			PINOLE	94564

DETAILS				
Site Added: 1/1/2013				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.03 miles N	61 ft (6 ft higher than site)	3
SITE NAME			MAPS	ID
ARCO FACILITY #6228			1 , 2 , 3	4038370
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY			PINOLE	94564

DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	10006507
ADDRESS			CITY	ZIP
2747 Pinole Valley Rd			Pinole	94564

DETAILS

General Program & Facility Information
 CERS ID: 10006507
 Facility ID: 07-000-727111
 Facility Regulator Key ID: Not Reported
 Organization Code: 90135877
 Business/Organization Name: BP West Coast Products LLC - Retail
 Multiple Jurisdictional Business? (Y/N): Yes
 Business Origin: Letter
 Count of Business' CERS User Accounts: 6
 Facility Count for Business: 86
 Last Submittal Date (any element): 2/23/2017 3:00:26 PM
 Count of Submitted Elements: 50
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): Not Reported
 Number of Employees: 8
 Property Owner Name: BP WEST COAST PRODUCTS LLC
 Property Owner Phone Number: 360-371-1500
 Property Owner Mailing Address: PO BOX 6038
 Property Owner Mailing City: ARTESIA
 Property Owner Mailing State: CA
 Property Owner Mailing Zip Code: 90702
 Property Owner Mailing Country: United States

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	FA0031994-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0031994
 CUPA Facility ID: 727111
 CERS ID: 10006507
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7206
 Program Element Description: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-UST-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	FA0031994-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Facility ID: FA0031994
 CUPA Facility ID: 727111
 CERS ID: 10006507
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO # 06228			1 , 2 , 3	T0601300401
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Global ID: T0601300401

County: Contra Costa

Site History: The Site is an active ARCO-branded gasoline retail outlet consisting of a convenience store building and a gasoline distribution system including two (2) gasoline underground storage tanks (USTs) with associated piping and dispensers. The Site located on the east side of Pinole Valley Road in a primarily commercial district of Pinole, California. The Site is located within the City of Pinole commercial corridor adjacent to Interstate 80. Accordingly, areas surrounding the Site are developed, paved, and/or occupied by structures/buildings with limited areas of landscaping. A UST unauthorized release report was initially filed for Station No. 6228 in 1992 when hydrocarbon impacted soil was discovered during drilling activities. An automated car wash was previously located on the north side of the Site in the approximate location of the current station building. The automated car wash included an underground rinse water reclamation system. However, the exact location of the cistern was not indicated on previous Site maps. Pacific Environmental Group (PEG) reported that a leaky car wash cistern may have contributed to or be the primary source of perched water observed in the surficial materials. Groundwater monitoring has been conducted at the Site since 1994 and LNAPL bailing has been conducted on various wells at the Site since 1996. In November 2000, product piping, two 10,000-gallon and one 8,000-gallon fiberglass USTs were removed from the Site by Henderson Construction of Stockton, California under observation by Cambria Environmental Technologies, Inc. (Cambria). Potential exposure to shallow contaminated groundwater by the public is minimal due to its depth and restricted access. Exposure to residual contaminated soil is also limited as extensive effort would be required to provide access (i.e., excavation).

Case Type: LUST Cleanup Site

Status: Open - Remediation

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)

Case Worker: MYM

Local Agency: CONTRA COSTA COUNTY

RB Case Number: 07-0433

Loc Case Number: 27111

File Location: Not Reported

Potential Contaminants of Concern: Gasoline

Potential Media Affected: Other Groundwater (uses other than drinking water)

How Discovered: Other Means

How Discovered Description: Not Reported

Stop Method: Not Reported

Stop Method Description: Not Reported

Action Date: 2016-06-30

Action Type: ENFORCEMENT

Action: 13267 Requirement

Action Date: 2014-06-26

Action Type: ENFORCEMENT

Action: File Review - Closure

Action Date: 2013-05-28

Action Type: ENFORCEMENT

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	110055698142
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Registry ID: 110055698142 FRS Facility Detail: http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055698142 Create Date: 15-SEP-2013 11:36:35 Program System: CA-CERS Interest Types: STATE MASTER				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	727111-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Original Database: County-UST-CA Last Agency Status: Listed Archive Date: 06/03/16 No Longer Listed-County: Contra Costa Responsible Agency: Contra Costa County Health Services Cupa Facility ID: 727111 Street Unit: Not Reported Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: ACTIVE, BILLABLE				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO AM/PM #06228			1 , 2 , 3	559061
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Original Database: UST-CA Last Agency Status: Listed Archive Date: 03/27/17 No Longer Listed-More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp Global ID: 727111 COUNTY: Contra Costa Permitting Agency: CONTRA COSTA COUNTY Agency Provided Latitude: 37.9958487 Agency Provided Longitude: -122.283969 PROJECT TYPE: Not Reported RB Case Number: Not Reported LOC Case Number: Not Reported Case Worker: Not Reported MTBE DATE: Not Reported GW CONC (PPB): Not Reported MATRIX: Not Reported</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Name Changed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO #06228			1 , 2 , 3	727111-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-UST-CA
 Last Agency Status: Listed
 Archive Date: 02/03/16
 Name Changed-County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Cupa Facility ID: 727111
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	FA0031994-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 01/15/17
 Address Changed-County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0031994
 CUPA Facility ID: 07000727111
 CERS ID: 10006507
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7206
 Program Element Description: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	727111-CON
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-UST-CA
 Last Agency Status: Listed
 Archive Date: 09/01/16
 No Longer Listed-County List Facility and Program Information
 County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Cupa Facility ID: 727111
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

General Program & Facility Information
 CERS ID: 10006507
 Facility ID: 07-000-727111
 Facility Regulator Key ID: Not Reported
 Organization Code: 90135877
 Business/Organization Name: BP West Coast Products LLC - Retail
 Multiple Jurisdictional Business? (Y/N): Yes
 Business Origin: Letter
 Count of Business' CERS User Accounts: 8
 Facility Count for Business: 85
 Last Submittal Date (any element): 3/17/2016 5:58:08 AM
 Count of Submitted Elements: 38
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Name Changed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO #06228			1 , 2 , 3	727111-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Original Database: County-Others-CA Last Agency Status: Listed Archive Date: 02/04/16 Name Changed-County: Contra Costa Type: Underground tank, Hazardous waste generator and Business plan/2185 programs Cupa Facility ID: 727111 Street Unit: Not Reported Program Element Code: 7101 Program Element Description: HWG: LESS THAN 5 TONS/YEAR Billing Status: ACTIVE, BILLABLE</p> <p>Program Element Code: 7206 Program Element Description: HMBP: >100K-250K LBS, 0-19 EMPLOYEES Billing Status: ACTIVE, BILLABLE</p> <p>Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: ACTIVE, BILLABLE</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	727111-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 09/02/16
 No Longer Listed-County List Facility and Program Information
 County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Cupa Facility ID: 727111
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7206
 Program Element Description: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

General Program & Facility Information
 CERS ID: 10006507
 Facility ID: 07-000-727111
 Facility Regulator Key ID: Not Reported
 Organization Code: 90135877
 Business/Organization Name: BP West Coast Products LLC - Retail

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	FA0031994-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 03/23/17
 Address Changed-County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0031994
 CUPA Facility ID: 727111
 CERS ID: 10006507
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7206
 Program Element Description: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	FA0031994-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-UST-CA
 Last Agency Status: Listed
 Archive Date: 01/15/17
 Address Changed-County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Facility ID: FA0031994
 CUPA Facility ID: 07000727111
 CERS ID: 10006507
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	FA0031994-COC
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Original Database: County-UST-CA Last Agency Status: Listed Archive Date: 03/23/17 Address Changed-County: Contra Costa Responsible Agency: Contra Costa County Health Services Facility ID: FA0031994 CUPA Facility ID: 727111 CERS ID: 10006507 Street Unit: Not Reported Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: ACTIVE, BILLABLE</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO #6228			1 , 2 , 3	11223
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	Contra Cos

DETAILS

Original Database: UST-Priority-CA
 Last Agency Status: Listed
 Archive Date: 03/31/17
 No Longer Listed-Facility Information
 Global ID: 11223
 Claim Number: T0601300401
 County: Contra Costa
 Priority: D
 Rank: 1923
 Report Date: 1/8/1992
 Stop Date: 1/8/1992
 Discovered Date: 1/8/1992
 Claimant: BP PRODUCTS NORTH AMERICA, INC., ASSIGNEE
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Regional Board: SAN FRANCISCO BAY RWQCB (REGION 2)
 Region: SAN FRANCISCO BAY RWQCB
 Region Code: REGION 2

GIS Information
 Agency Provided Longitude: Not Reported
 Agency Provided Latitude: -122.28546071

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
AROC FACILITY #6228			1 , 2 , 3	7734673
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-ERNS-US	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO SERVICE STATION			1 , 2 , 3	200026179
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO			1 , 2 , 3	4558631
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO # 06228			1 , 2 , 3	8806-R2
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS
Region: 2 - San Francisco County: Contra Costa Ground Water Detection Limit: 9999999 Soil Detection Limit: Not Reported MTBE Cnts: 3 MTBE Fuel: 1 Status: 7 MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO			1 , 2 , 3	4558631
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO AM/PM #06228			1 , 2 , 3	201959
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS				
AS OF DATE: 7/18/2001 SITE TYPE: RETAIL TANK TYPE: UST COUNTY: CONTRA COSTA				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
Pinole Valley Arco Car Wash			1 , 2 , 3	24806
ADDRESS			CITY	ZIP
2747 Pinole Valley Rd			Pinole	94564

DETAILS				
Sic Code: 5541 Desc: Service Stations/Vehicle Fueling Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
PINOLE VALLEY ARCO CAR WASH			1 , 2 , 3	43630-PD
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564-1424

DETAILS				
Listing Year: 1997 SIC Category: SERVICE STATIONS-GASOLINE & OIL SIC Code: 554101				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
VINCENT SIEBERN			1 , 2 , 3	275783
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000227DD.pdf County: Contra Costa</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO PRODUCTS COMPANY			1 , 2 , 3	CAL000055602
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	945640000

DETAILS

EPA ID: CAL000055602
 Facility County: 7
 Mailing Street: PO BOX 6038
 Mailing City: ARTESIA
 Mailing State: CA
 Mailing Zip: 907026038
 Contact Name: ATLANTIC RICHFIELD COMPANY
 Contact Phone: 2134860494

Year: 2001
 TONS: 1.04
 TSD EPA ID: CAT080013352
 Category Code: 134
 Category Description: Aqueous solution with total organic residues less than 10 percent
 Method Description: RECYCLER

Year: 2001
 TONS: 0.5
 TSD EPA ID: CAD009466392
 Category Code: 512
 Category Description: Other empty containers 30 gallons or more
 Method Description: RECYCLER

Year: 2000
 TONS: 1.87
 TSD EPA ID: CAL000161743
 Category Code: 223

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
BP WEST COAST PRODUCTS LLC 06228			1 , 2 , 3	CAL000244444
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	945640000

DETAILS

EPA ID: CAL000244444
 Facility County: 07
 Mailing Street: PO BOX 6038
 Mailing City: ARTESIA
 Mailing State: CA
 Mailing Zip: 907026038
 Contact Name: JACK OMAN
 Contact Phone: 7146705402

Year: 2015
 TONS: 0.168
 TSD EPA ID: CAT080013352
 Category Code: 134
 Category Description: Aqueous solution with total organic residues less than 10 percent
 Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

Year: 2014
 TONS: 0.025
 TSD EPA ID: NVT330010000
 Category Code: 352
 Category Description: Other organic solids
 Method Description: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

Year: 2014
 TONS: 1.785
 TSD EPA ID: CAT080013352
 Category Code: 134

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
PINOLE VALLEY ARCO			1 , 2 , 3	CAL000260075
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	945640000

DETAILS

EPA ID: CAL000260075
 Facility County: 07
 Mailing Street: 2747 PINOLE VALLEY RD
 Mailing City: PINOLE
 Mailing State: CA
 Mailing Zip: 945640000
 Contact Name: KULDIP SIDHU
 Contact Phone: 5107589111

Year: 2015
 TONS: 0.025
 TSD EPA ID: NVT330010000
 Category Code: 352

Category Description: Other organic solids

Method Description: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

Year: 2014
 TONS: 0.0125
 TSD EPA ID: NVT330010000
 Category Code: 352

Category Description: Other organic solids

Method Description: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

Year: 2013
 TONS: 0.025
 TSD EPA ID: NVT330010000
 Category Code: 352

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Remediation	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO # 06228			1 , 2 , 3	T0601300401
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Sites Details

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300401

Global ID: T0601300401

Case Type: LUST Cleanup Site

Status: Open - Remediation

Status Date: 1/24/2001

CUF Case: YES

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)

Case Worker: MYM

Local Agency: CONTRA COSTA COUNTY

RB Case Number: 07-0433

Loc Case Number: 27111

File Location: Not Reported

Potential Contaminants of Concern: Gasoline

Potential Media Affected: Other Groundwater (uses other than drinking water)

Site History: The Site is an active ARCO-branded gasoline retail outlet consisting of a convenience store building and a gasoline distribution system including two (2) gasoline underground storage tanks (USTs) with associated piping and dispensers. The Site located on the east side of Pinole Valley Road in a primarily commercial district of Pinole, California. The Site is located within the City of Pinole commercial corridor adjacent to Interstate 80. Accordingly, areas surrounding the Site are developed, paved, and/or occupied by structures/buildings with limited areas of landscaping. A UST unauthorized release report was initially filed for Station No. 6228 in 1992 when hydrocarbon impacted soil was discovered during drilling activities. An automated car wash was previously located on the north side of the Site in the approximate location of the current station building. The automated car wash included an underground rinse water reclamation system. However, the exact location of the cistern was not indicated on previous Site maps. Pacific Environmental Group (PEG) reported that a leaky car wash cistern may have contributed to or be the primary source of perched water observed in the surficial materials. Groundwater monitoring has been conducted at the Site since 1994 and LNAPL bailing has been conducted on various wells at the Site since 1996. In November 2000, product piping, two 10,000-gallon and one 8,000-gallon fiberglass USTs were removed from the Site by Henderson Construction of Stockton, California under observation by Cambria Environmental Technologies, Inc. (Cambria). Potential exposure to shallow contaminated groundwater by the public is minimal due to its depth and restricted access. Exposure to residual contaminated soil is also limited as extensive effort would be required to provide access (i.e., excavation).

Begin Date: 1/1/1992

How Discovered: Other Means

How Discovered Description: Not Reported

Stop Method: Not Reported

Stop Method Description: Not Reported

Agency Provided Latitude: 37.99448863

Agency Provided Longitude: -122.28546071

Regulatory Activities Details

Action Date: 1992-01-08 00:00:00

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	14231
ADDRESS			CITY	ZIP
2747 Pinole Valley Rd			Pinole	94564

DETAILS

More Information on Site? Go to Following Link: <http://geotracker.waterboards.ca.gov/search.asp>
 Global ID: 07-000-727111
 COUNTY: Contra Costa
 Permitting Agency: Contra Costa County Health Services Department
 Agency Provided Latitude: 37.994742
 Agency Provided Longitude: -122.285577
 PROJECT TYPE: Not Reported
 RB Case Number: Not Reported
 LOC Case Number: Not Reported
 Case Worker: Not Reported
 MTBE DATE: Not Reported
 GW CONC (PPB): Not Reported
 MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CRSP-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO 06228			1 , 2 , 3	6608
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Site Regulated Program Information
 Site ID: 6608
 Site EI ID: 10006507
 Agency Provided Latitude: 37.994742
 Agency Provided Longitude: -122.28557

Program Description: Underground Storage Tank

Evaluation Information
 Evaluation Date: 3/30/2016
 Violations Found? (Y/N): No
 Evaluation General Type: Compliance Evaluation Inspection
 Evaluation Type: Routine done by local agency
 Evaluation Note(s): Not Reported
 Evaluation Division: Contra Costa County Health Services Department
 Evaluation Program: HMRRP
 Evaluation Source: CERS

Evaluation Date: 3/30/2016
 Violations Found? (Y/N): No
 Evaluation General Type: Compliance Evaluation Inspection
 Evaluation Type: Routine done by local agency
 Evaluation Note(s): Not Reported
 Evaluation Division: Contra Costa County Health Services Department
 Evaluation Program: HW
 Evaluation Source: CERS

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-Priority-CA	Listed	0.04 miles NW	58 ft (3 ft higher than site)	4
SITE NAME			MAPS	ID
ARCO #6228			1 , 2 , 3	11223
ADDRESS			CITY	ZIP
2747 PINOLE VALLEY ROAD			PINOLE	94564

DETAILS

Facility Information

Global ID: 11223
 Claim Number: T0601300401
 County: Contra Costa
 Priority: D
 Rank: 1847
 Report Date: 1/8/1992
 Stop Date: 1/8/1992
 Discovered Date: 1/8/1992
 Claimant: BP PRODUCTS NORTH AMERICA, INC. ASSIGNEE
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Regional Board: SAN FRANCISCO BAY RWQCB (REGION 2)
 Region: SAN FRANCISCO BAY RWQCB
 Region Code: REGION 2

GIS Information

Agency Provided Longitude: -122.28546071
 Agency Provided Latitude: 37.99448863

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.05 miles N	59 ft (4 ft higher than site)	5
SITE NAME			MAPS	ID
Sherwin-Williams #8625			1 , 2 , 3	10592797
ADDRESS			CITY	ZIP
2727 Pinole Valley Rd			Pinole	94564

DETAILS

General Program & Facility Information
 CERS ID: 10592797
 Facility ID: 07-000-774938
 Facility Regulator Key ID: Not Reported
 Organization Code: 90069232
 Business/Organization Name: Sherwin-Williams Company
 Multiple Jurisdictional Business? (Y/N): Yes
 Business Origin: Cal/EPA
 Count of Business' CERS User Accounts: 4
 Facility Count for Business: 284
 Last Submittal Date (any element): 2/2/2017 8:12:43 AM
 Count of Submitted Elements: 11
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): Not Reported
 Number of Employees: 4
 Property Owner Name: DIANA LIU REVOCABLE TRUST,
 Property Owner Phone Number: 925-785-9114
 Property Owner Mailing Address: 2198 GRANITE DRIVE
 Property Owner Mailing City: Alamo
 Property Owner Mailing State: CA
 Property Owner Mailing Zip Code: 94507
 Property Owner Mailing Country: United States

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.05 miles N	59 ft (4 ft higher than site)	5
SITE NAME			MAPS	ID
SHERWIN-WILLIAMS #8625			1 , 2 , 3	FA0035993-COC
ADDRESS			CITY	ZIP
2727 PINOLE VALLEY RD			PINOLE	94564

DETAILS
<p>County: Contra Costa Type: Underground tank, Hazardous waste generator and Business plan/2185 programs Facility ID: FA0035993 CUPA Facility ID: 774938 CERS ID: 10592797 Street Unit: Not Reported Program Element Code: 7101 Program Element Description: HWG: LESS THAN 5 TONS/YEAR Billing Status: ACTIVE, BILLABLE</p> <p>Program Element Code: 7201 Program Element Description: HMBP: LESS THAN 1000 LBS Billing Status: INACTIVE, NON-BILLABLE</p>

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.05 miles N	59 ft (4 ft higher than site)	5
SITE NAME			MAPS	ID
SHERWIN-WILLIAMS #8625			1 , 2 , 3	FA0035993-COC
ADDRESS			CITY	ZIP
2727 PINOLE VALLEY RD			PINOLE	94564

DETAILS
<p>Original Database: County-Others-CA Last Agency Status: Listed Archive Date: 01/15/17 Address Changed-County: Contra Costa Type: Underground tank, Hazardous waste generator and Business plan/2185 programs Facility ID: FA0035993 CUPA Facility ID: 07000774938 CERS ID: 10592797 Program Element Code: 7101 Program Element Description: HWG: LESS THAN 5 TONS/YEAR Billing Status: ACTIVE, BILLABLE</p> <p>Program Element Code: 7201 Program Element Description: HMBP: LESS THAN 1000 LBS Billing Status: INACTIVE, NON-BILLABLE</p>

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.05 miles N	59 ft (4 ft higher than site)	5
SITE NAME			MAPS	ID
SHERWIN-WILLIAMS #8625			1 , 2 , 3	774938-COC
ADDRESS			CITY	ZIP
2727 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 09/02/16
 No Longer Listed-County List Facility and Program Information
 County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Cupa Facility ID: 774938
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7201
 Program Element Description: HMBP: LESS THAN 1000 LBS
 Billing Status: INACTIVE, NON-BILLABLE

General Program & Facility Information
 CERS ID: 10592797
 Facility ID: 07-000-774938
 Facility Regulator Key ID: Not Reported
 Organization Code: 90069232
 Business/Organization Name: Sherwin-Williams Company
 Multiple Jurisdictional Business? (Y/N): Yes
 Business Origin: Cal/EPA
 Count of Business' CERS User Accounts: 7
 Facility Count for Business: 280

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.05 miles N	59 ft (4 ft higher than site)	5
SITE NAME			MAPS	ID
SHERWIN-WILLIAMS #8625			1 , 2 , 3	FA0035993-COC
ADDRESS			CITY	ZIP
2727 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Original Database: County-Others-CA Last Agency Status: Listed Archive Date: 03/23/17 Address Changed-County: Contra Costa Type: Underground tank, Hazardous waste generator and Business plan/2185 programs Facility ID: FA0035993 CUPA Facility ID: 774938 CERS ID: 10592797 Street Unit: Not Reported Program Element Code: 7101 Program Element Description: HWG: LESS THAN 5 TONS/YEAR Billing Status: ACTIVE, BILLABLE</p> <p>Program Element Code: 7201 Program Element Description: HMBP: LESS THAN 1000 LBS Billing Status: INACTIVE, NON-BILLABLE</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.05 miles N	59 ft (4 ft higher than site)	5
SITE NAME			MAPS	ID
SHERWIN WILLIAMS #8625			1 , 2 , 3	CAL000399227
ADDRESS			CITY	ZIP
2727 PINOLE VALLEY RD			PINOLE	94564

DETAILS

EPA ID: CAL000399227
 Facility County: 7
 Mailing Street: 101 W PROSPECT AVE
 Mailing City: CLEVELAND
 Mailing State: OH
 Mailing Zip: 441151027
 Contact Name: SHAY ROSEMAN
 Contact Phone: 2165661710

Year: 2015
 TONS: 0.1
 TSD EPA ID: NVD980895338
 Category Code: 291
 Category Description: Latex waste
 Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

Year: 2015
 TONS: 0.088
 TSD EPA ID: NVD980895338
 Category Code: Not Reported
 Category Description: Not Reported
 Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

Year: 2015
 TONS: 0.06
 TSD EPA ID: NVD980895338
 Category Code: 214

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.05 miles W	44 ft (11 ft lower than site)	6
SITE NAME			MAPS	ID
YOUTHFUL TOOTH. CO.			1 , 2 , 3	4520598C-CAL000091694
ADDRESS			CITY	ZIP
2830-A PINOLE VALLEY RD			PINOLE	94564
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.05 miles W	44 ft (11 ft lower than site)	6
SITE NAME			MAPS	ID
GENTLE DENTAL			1 , 2 , 3	CAL000091694
ADDRESS			CITY	ZIP
2830-A PINOLE VALLEY RD			PINOLE	945640000
DETAILS				
<p>EPA ID: CAL000091694 Facility County: 7 Mailing Street: 2830 PINOLE VALLEY RD # A Mailing City: PINOLE Mailing State: CA Mailing Zip: 945641427 Contact Name: MARY JANE SALAZAR DDS Contact Phone: 5107586684</p> <p>Year: 2011 TONS: 0.31275 TSD EPA ID: CAD981429673 Category Code: 541 Category Description: Photochemicals/photoprocessing waste Method Description: METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT</p> <p>Year: 2010 TONS: 0.1668 TSD EPA ID: CAD981429673 Category Code: 541 Category Description: Photochemicals/photoprocessing waste Method Description: METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT</p> <p>Year: 2010 TONS: 0.18765 TSD EPA ID: CAD981429673 Category Code: 541</p> <p>More Details Link</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	FA0032437-COC
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>County: Contra Costa Type: Underground tank, Hazardous waste generator and Business plan/2185 programs Facility ID: FA0032437 CUPA Facility ID: 757699 CERS ID: 10007836 Street Unit: Not Reported Program Element Code: 7101 Program Element Description: HWG: LESS THAN 5 TONS/YEAR Billing Status: INACTIVE, NON-BILLABLE</p> <p>Program Element Code: 7204 Program Element Description: HMBP: >10K-100K LBS, 0-19 EMPLOYEES Billing Status: INACTIVE, NON-BILLABLE</p> <p>Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: INACTIVE, NON-BILLABLE</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-UST-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	FA0032437-COC
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Facility ID: FA0032437
 CUPA Facility ID: 757699
 CERS ID: 10007836
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
BEACON			1 , 2 , 3	T0601300714
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Global ID: T0601300714
 County: Contra Costa
 Site History: Not Reported
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: MYM
 Local Agency: CONTRA COSTA COUNTY
 RB Case Number: 07-0768
 Loc Case Number: 57699
 File Location: Not Reported
 Potential Contaminants of Concern: Gasoline
 Potential Media Affected: Other Groundwater (uses other than drinking water)
 How Discovered: Tank Closure
 How Discovered Description: Not Reported
 Stop Method: Not Reported
 Stop Method Description: Not Reported
 Action Date: 2004-12-28
 Action Type: ENFORCEMENT
 Action: Staff Letter

Action Date: 2004-04-15
 Action Type: ENFORCEMENT
 Action: Site Visit / Inspection / Sampling

Action Date: 2002-10-17
 Action Type: ENFORCEMENT

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	FA0032437-COC
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 01/15/17
 Address Changed-County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0032437
 CUPA Facility ID: 07000757699
 CERS ID: 10007836
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: INACTIVE, NON-BILLABLE

Program Element Code: 7204
 Program Element Description: HMBP: >10K-100K LBS, 0-19 EMPLOYEES
 Billing Status: INACTIVE, NON-BILLABLE

Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	757699-COC
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-UST-CA
 Last Agency Status: Listed
 Archive Date: 06/03/16
 No Longer Listed-County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Cupa Facility ID: 757699
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	FA0032437-COC
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Original Database: County-UST-CA Last Agency Status: Listed Archive Date: 03/23/17 Address Changed-County: Contra Costa Responsible Agency: Contra Costa County Health Services Facility ID: FA0032437 CUPA Facility ID: 757699 CERS ID: 10007836 Street Unit: Not Reported Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: INACTIVE, NON-BILLABLE</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	757699-CON
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-UST-CA
 Last Agency Status: Listed
 Archive Date: 09/01/16
 No Longer Listed-County List Facility and Program Information
 County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Cupa Facility ID: 757699
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: INACTIVE, NON-BILLABLE

General Program & Facility Information

: Not Reported

Facility Specific Information

: Not Reported

Inspection Information

: Not Reported

Owner/Operator Information

: Not Reported

Business Activity Information

: Not Reported

Submittal Information

: Not Reported

Supplemental Geographic Information

: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	757699-COC
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Original Database: County-Others-CA
 Last Agency Status: Listed
 Archive Date: 09/02/16
 No Longer Listed-County List Facility and Program Information
 County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Cupa Facility ID: 757699
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: INACTIVE, NON-BILLABLE

Program Element Code: 7204
 Program Element Description: HMBP: >10K-100K LBS, 0-19 EMPLOYEES
 Billing Status: INACTIVE, NON-BILLABLE

Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: INACTIVE, NON-BILLABLE

General Program & Facility Information

: Not Reported
 Facility Specific Information
 : Not Reported
 Inspection Information
 : Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	FA0032437-COC
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	

DETAILS
<p>Original Database: County-UST-CA Last Agency Status: Listed Archive Date: 01/15/17 Address Changed-County: Contra Costa Responsible Agency: Contra Costa County Health Services Facility ID: FA0032437 CUPA Facility ID: 07000757699 CERS ID: 10007836 Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: INACTIVE, NON-BILLABLE</p>

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Address Changed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	FA0032437-COC
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564

DETAILS
<p>Original Database: County-Others-CA Last Agency Status: Listed Archive Date: 03/23/17 Address Changed-County: Contra Costa Type: Underground tank, Hazardous waste generator and Business plan/2185 programs Facility ID: FA0032437 CUPA Facility ID: 757699 CERS ID: 10007836 Street Unit: Not Reported Program Element Code: 7101 Program Element Description: HWG: LESS THAN 5 TONS/YEAR Billing Status: INACTIVE, NON-BILLABLE</p> <p>Program Element Code: 7204 Program Element Description: HMBP: >10K-100K LBS, 0-19 EMPLOYEES Billing Status: INACTIVE, NON-BILLABLE</p> <p>Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: INACTIVE, NON-BILLABLE</p>

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	7734713
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	7732336
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
1X TEXACO STN. #62-488-0293			1 , 2 , 3	1216296
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
BEACON			1 , 2 , 3	8814-R2
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Region: 2 - San Francisco County: Contra Costa Ground Water Detection Limit: 150 Soil Detection Limit: Not Reported MTBE Cnts: 1 MTBE Fuel: 1 Status: 1 MTBE Tested: YES				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	43631-PD
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564-1427
DETAILS				
Listing Year: 1997 SIC Category: SERVICE STATIONS-GASOLINE & OIL SIC Code: 554101				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
TEXACO			1 , 2 , 3	269834
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY ROAD			PINOLE	94564
DETAILS				
<p>Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022FEF.pdf County: Contra Costa</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY TEXACO			1 , 2 , 3	256609
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022E49.pdf County: Contra Costa</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	4038371
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY			PINOLE	94564

DETAILS	
Reported Date: 1998	

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
PINOLE VALLEY BEACON			1 , 2 , 3	CAL000036320
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY ROAD			PINOLE	945640000

DETAILS	
<p>EPA ID: CAL000036320 Facility County: 7 Mailing Street: 2810 PINOLE VALLEY RD Mailing City: PINOLE Mailing State: CA Mailing Zip: 945641427 Contact Name: RAMON P DIMALANTA Contact Phone: 0000000000</p> <p>Year: 2004 TONS: 0.476 TSD EPA ID: CAD009452657 Category Code: 343 Category Description: Unspecified organic liquid mixture Method Description: RECYCLER</p> <p>Year: 2004 TONS: 4.4 TSD EPA ID: CAD009466392 Category Code: 512 Category Description: Other empty containers 30 gallons or more Method Description: OTHER DISPOSAL</p> <p>Year: 2004 TONS: 0.05 TSD EPA ID: CAD008252405 Category Code: 352</p> <p>More Details Link</p>	

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.06 miles NW	49 ft (6 ft lower than site)	7
SITE NAME			MAPS	ID
BEACON			1 , 2 , 3	T0601300714
ADDRESS			CITY	ZIP
2810 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Sites Details

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300714

Global ID: T0601300714

Case Type: LUST Cleanup Site

Status: Completed - Case Closed

Status Date: 3/13/2008

CUF Case: YES

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)

Case Worker: MYM

Local Agency: CONTRA COSTA COUNTY

RB Case Number: 07-0768

Loc Case Number: 57699

File Location: Not Reported

Potential Contaminants of Concern: Gasoline

Potential Media Affected: Other Groundwater (uses other than drinking water)

Site History: Not Reported

Begin Date: 1/21/1999

How Discovered: Tank Closure

How Discovered Description: Not Reported

Stop Method: Not Reported

Stop Method Description: Not Reported

Agency Provided Latitude: 37.994511

Agency Provided Longitude: -122.285994

Regulatory Activities Details

Action Date: 1999-01-21 00:00:00

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.06 miles SW	42 ft (13 ft lower than site)	8
SITE NAME			MAPS	ID
BARRY EVANS STUDIO			1 , 2 , 3	7733067
ADDRESS			CITY	ZIP
2860 G PINOLE VALLEY RD			PINOLE	945640000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.06 miles SW	42 ft (13 ft lower than site)	8
SITE NAME			MAPS	ID
BARRY EVANS STUDIO			1 , 2 , 3	CAL922395171
ADDRESS			CITY	ZIP
2860 G PINOLE VALLEY RD.			PINOLE	945640000

DETAILS

EPA ID: CAL922395171
 Facility County: 7
 Mailing Street: 2860 PINOLE VALLEY RD STE G
 Mailing City: PINOLE
 Mailing State: CA
 Mailing Zip: 945641446
 Contact Name: BARRY EVANS STUDIO
 Contact Phone: 5107588267

Year: 2003
 TONS: 0.1251
 TSD EPA ID: CA0000084517
 Category Code: 541
 Category Description: Photochemicals/photoprocessing waste
 Method Description: TRANSFER STATION

Year: 2000
 TONS: 0.12
 TSD EPA ID: CA0000084517
 Category Code: 541
 Category Description: Photochemicals/photoprocessing waste
 Method Description: TRANSFER STATION

Year: 1999
 TONS: 0.1876
 TSD EPA ID: CA0000084517
 Category Code: 541

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.06 miles NW	48 ft (7 ft lower than site)	9
SITE NAME			MAPS	ID
CREEKSIDE DRY CLEANERS			1 , 2 , 3	FA0028450-COC
ADDRESS			CITY	ZIP
2762 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0028450
 CUPA Facility ID: 771698
 CERS ID: 10013065
 Street Unit: Not Reported
 Program Element Code: 7200
 Program Element Description: HMBP GENERAL
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.06 miles NW	48 ft (7 ft lower than site)	9
SITE NAME			MAPS	ID
STAR CLEANERS			1 , 2 , 3	325717-PD
ADDRESS			CITY	ZIP
2762 PINOLE VALLEY RD			PINOLE	94564-1425

DETAILS

Listing Year: 1997
 SIC Category: CLEANERS
 SIC Code: 721201

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-Wastewater-CA	Historical	0.07 miles NW	49 ft (6 ft lower than site)	10
SITE NAME			MAPS	ID
Arco			1 , 2 , 3	237774
ADDRESS			CITY	ZIP
Not Reported by Agency				

DETAILS

Wastewater Enforcement Action Information
 Enforcement ID: 237774
 Facility ID: 207929
 WD ID: 2 07-0433
 Region: 2
 Agency Name: ARCO Petroleum Products Company Pleasant Hill
 Place Type: Facility
 Place Subtype: Not Reported
 Agency Provided Latitude: 37.994979
 Agency Provided Longitude: -122.285718
 Reg Measure ID: 168644
 Reg Measure Type: Unregulated
 Order / Resolution Number: UNKNOWN
 Enforcement Action Type: 13267 Letter
 Effective Date: 11/14/2001
 Adoption / Issuance Date: Not Reported
 Termination Date: Not Reported
 ACL Issuance Date: Not Reported
 EPL Issuance Date: Not Reported
 Status: Historical
 Title: Enforcement - 2 07-0433
 Program: UST
 Program Category: TANKS
 Total Assessment Amount: 0
 Initial Assessed Amount: 0
 Liability \$ Amount: 0
 Project \$ Amount: 0

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-Wastewater-CA	Historical	0.07 miles NW	49 ft (6 ft lower than site)	10
SITE NAME			MAPS	ID
Arco			1 , 2 , 3	237773
ADDRESS			CITY	ZIP
Not Reported by Agency				

DETAILS

Wastewater Enforcement Action Information
 Enforcement ID: 237773
 Facility ID: 207929
 WD ID: 2 07-0433
 Region: 2
 Agency Name: ARCO Petroleum Products Company Pleasant Hill
 Place Type: Facility
 Place Subtype: Not Reported
 Agency Provided Latitude: 37.994979
 Agency Provided Longitude: -122.285718
 Reg Measure ID: 168644
 Reg Measure Type: Unregulated
 Order / Resolution Number: UNKNOWN
 Enforcement Action Type: 13267 Letter
 Effective Date: 11/14/2001
 Adoption / Issuance Date: Not Reported
 Termination Date: Not Reported
 ACL Issuance Date: Not Reported
 EPL Issuance Date: Not Reported
 Status: Historical
 Title: Enforcement - 2 07-0433
 Program: UST
 Program Category: TANKS
 Total Assessment Amount: 0
 Initial Assessed Amount: 0
 Liability \$ Amount: 0
 Project \$ Amount: 0

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-Wastewater-CA	Historical	0.07 miles NW	49 ft (6 ft lower than site)	10
SITE NAME			MAPS	ID
Arco			1 , 2 , 3	237366
ADDRESS			CITY	ZIP
Not Reported by Agency				

DETAILS

Wastewater Enforcement Action Information
 Enforcement ID: 237366
 Facility ID: 207929
 WD ID: 2 07-0433
 Region: 2
 Agency Name: ARCO Petroleum Products Company Pleasant Hill
 Place Type: Facility
 Place Subtype: Not Reported
 Agency Provided Latitude: 37.994979
 Agency Provided Longitude: -122.285718
 Reg Measure ID: 168644
 Reg Measure Type: Unregulated
 Order / Resolution Number: UNKNOWN
 Enforcement Action Type: 13267 Letter
 Effective Date: 11/14/2001
 Adoption / Issuance Date: Not Reported
 Termination Date: Not Reported
 ACL Issuance Date: Not Reported
 EPL Issuance Date: Not Reported
 Status: Historical
 Title: Enforcement - 2 07-0433
 Program: UST
 Program Category: TANKS
 Total Assessment Amount: 0
 Initial Assessed Amount: 0
 Liability \$ Amount: 0
 Project \$ Amount: 0

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-Wastewater-CA	Historical	0.07 miles NW	49 ft (6 ft lower than site)	10
SITE NAME			MAPS	ID
Arco			1 , 2 , 3	236578
ADDRESS			CITY	ZIP
Not Reported by Agency				

DETAILS

Wastewater Enforcement Action Information
 Enforcement ID: 236578
 Facility ID: 207929
 WD ID: 2 07-0433
 Region: 2
 Agency Name: ARCO Petroleum Products Company Pleasant Hill
 Place Type: Facility
 Place Subtype: Not Reported
 Agency Provided Latitude: 37.994979
 Agency Provided Longitude: -122.285718
 Reg Measure ID: 168644
 Reg Measure Type: Unregulated
 Order / Resolution Number: UNKNOWN
 Enforcement Action Type: 13267 Letter
 Effective Date: 2/14/2001
 Adoption / Issuance Date: Not Reported
 Termination Date: Not Reported
 ACL Issuance Date: Not Reported
 EPL Issuance Date: Not Reported
 Status: Historical
 Title: Enforcement - 2 07-0433
 Program: UST
 Program Category: TANKS
 Total Assessment Amount: 0
 Initial Assessed Amount: 0
 Liability \$ Amount: 0
 Project \$ Amount: 0

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	10010527
ADDRESS			CITY	ZIP
2701 Pinole Valley Rd Ste D			Pinole	94564

DETAILS

General Program & Facility Information
 CERS ID: 10010527
 Facility ID: 07-000-770821
 Facility Regulator Key ID: Not Reported
 Organization Code: 90036130
 Business/Organization Name: PINOLE CLEANERS
 Multiple Jurisdictional Business? (Y/N): No
 Business Origin: Business
 Count of Business' CERS User Accounts: 2
 Facility Count for Business: 1
 Last Submittal Date (any element): 5/27/2015 11:56:20 AM
 Count of Submitted Elements: 20
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): Not Reported
 Number of Employees: 2
 Property Owner Name: Victor Chiang
 Property Owner Phone Number: 4153141133
 Property Owner Mailing Address: 306 Winged Terrace Drive
 Property Owner Mailing City: San Ramon
 Property Owner Mailing State: CA
 Property Owner Mailing Zip Code: 94582
 Property Owner Mailing Country: United States

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
BEACON SS #545/PINOLE			1 , 2 , 3	FA0032205-COC
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0032205
 CUPA Facility ID: 738539
 CERS ID: 10007140
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	FA0033333-COC
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0033333
 CUPA Facility ID: 770821
 CERS ID: 10010527
 Street Unit: D
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: INACTIVE, NON-BILLABLE

Program Element Code: 7201
 Program Element Description: HMBP: LESS THAN 1000 LBS
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-UST-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
BEACON SS #545/PINOLE			1 , 2 , 3	FA0032205-COC
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>County: Contra Costa Responsible Agency: Contra Costa County Health Services Facility ID: FA0032205 CUPA Facility ID: 738539 CERS ID: 10007140 Street Unit: Not Reported Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: INACTIVE, NON-BILLABLE</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
DCF2-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
Pinole Cleaners			1 , 2 , 3	60430
ADDRESS			CITY	ZIP
2701 Pinole Valley Rd # B			Pinole	94564

DETAILS

County: Contra Costa
 Executive First Name: David
 Executive Last Name: Choi
 Professional Title: Not Reported
 Executive Title: Owner
 Executive Gender: Male
 Executive Biography: Not Reported
 ZIP Four: 1465
 Carrier Route: C009
 Delivery Point Barcode: 745
 Metro Area: Sn Francisco, CA
 Neighborhood: Pinole Valley
 Phone Number Combined: (510) 758-8082
 Fax Number Combined: 0
 Toll Free Number Combined: 0
 Website: Not Reported
 Company Description: Not Reported
 Primary SIC Code: 721201
 Primary SIC Description: Cleaners
 Primary SIC Ad Size: Regular
 Primary SIC Year Appeared: 2002
 SIC Code 1: 721201
 SIC Code 1 Description: Cleaners
 SIC Code 1 Ad Size: Not Reported
 SIC Code 1 Year Appeared: Not Reported
 SIC Code 2: Not Reported
 SIC Code 2 Description: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
DryCleaners-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	CAL000284465
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD STE D			PINOLE	945641465

DETAILS

EPA ID: CAL000284465
 Create Date: 7/14/2004 10:04:31 AM
 Facility Act Ind: n
 Inact Date: 8/26/2015
 Facility Street2: Not Reported
 County: Contra Costa
 Mailing Name: Not Reported
 Facility Mailing Address: 2701 PINOLE VALLEY RD STE D
 Facility Mailing Address 2: Not Reported
 Facility Mailing City: PINOLE
 Facility Mailing State: CA
 Facility Mailing Zip Code: 945641465
 Region Code: 2
 Owner Name: DAI WON CHOI
 Owner Address: 2701 PINOLE VALLEY RD STE D
 Owner Address2: Not Reported
 Owner City: PINOLE
 Owner State: CA
 Owner Zip Code: 945641465
 Owner Phone Number: 5107588082
 Owner Fax Number: 0000000000
 Contact Name: DAI WON CHOI
 Contact Address: 2701-D
 Contact Address2: PINOLE VALLEY RD
 Contact City: PINOLE
 Contact State: CA
 Contact Zip Code: 94564

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
DryCleaners-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	CAL000206120
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD UNIT D			PINOLE	945640000

DETAILS

EPA ID: CAL000206120
 Create Date: 2/7/2001
 Facility Act Ind: N
 Inact Date: 6/30/2005 3:01:00 PM
 Facility Street2: Not Reported
 County: Contra Costa
 Mailing Name: Not Reported
 Facility Mailing Address: 2701 PINOLE VALLEY RD UNIT D
 Facility Mailing Address 2: Not Reported
 Facility Mailing City: PINOLE
 Facility Mailing State: CA
 Facility Mailing Zip Code: 945640000
 Region Code: 2
 Owner Name: PINOLE CLEANERS
 Owner Address: 2701-D PINOLE VALLEY RD
 Owner Address2: Not Reported
 Owner City: PINOLE
 Owner State: CA
 Owner Zip Code: 945640000
 Owner Phone Number: 5107588082
 Owner Fax Number: Not Reported
 Contact Name: DAVID CHOI/OWNER
 Contact Address: 2701 PINOLE VALLEY RD UNIT D
 Contact Address2: Not Reported
 Contact City: PINOLE
 Contact State: CA
 Contact Zip Code: 945640000

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
DryCleaners-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
DRYCLEAN USA			1 , 2 , 3	CAL000056529
ADDRESS			CITY	ZIP
2701 Pinole Valley Rd			Pinole	945641465

DETAILS

EPA ID: CAL000056529
 Create Date: 7/21/1994
 Facility Act Ind: N
 Inact Date: 6/30/1993
 Facility Street2: Not Reported
 County: Contra Costa
 Mailing Name: Not Reported
 Facility Mailing Address: 2701 PINOLE VALLEY RD
 Facility Mailing Address 2: Not Reported
 Facility Mailing City: PINOLE
 Facility Mailing State: CA
 Facility Mailing Zip Code: 000000000
 Region Code: 2
 Owner Name: --
 Owner Address: --
 Owner Address2: Not Reported
 Owner City: --
 Owner State: 99
 Owner Zip Code: --
 Owner Phone Number: 0000000000
 Owner Fax Number: Not Reported
 Contact Name: INACTIVE DUP NUM IN BLK LOGBK
 Contact Address: --
 Contact Address2: Not Reported
 Contact City: --
 Contact State: 99
 Contact Zip Code: --

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
DryCleaners-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	CAD983652819
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD UNIT D			PINOLE	945640000

DETAILS

EPA ID: CAD983652819
 Create Date: 11/19/1992
 Facility Act Ind: N
 Inact Date: 6/30/2002
 Facility Street2: Not Reported
 County: Contra Costa
 Mailing Name: Not Reported
 Facility Mailing Address: 2701 PINOLE VALLEY RD UNIT D
 Facility Mailing Address 2: Not Reported
 Facility Mailing City: PINOLE
 Facility Mailing State: CA
 Facility Mailing Zip Code: 945641424
 Region Code: 9
 Owner Name: YU SOO SONG
 Owner Address: 3126 AVIS WAY
 Owner Address2: Not Reported
 Owner City: PINOLE
 Owner State: CA
 Owner Zip Code: 945640000
 Owner Phone Number: 5107582426
 Owner Fax Number: Not Reported
 Contact Name: --
 Contact Address: NEW OWNER AT SITE, CAL000206120,MB
 Contact Address2: Not Reported
 Contact City: PINOLE
 Contact State: CA
 Contact Zip Code: 945641424

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
Former Beacon Station			1 , 2 , 3	T0601300351
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Global ID: T0601300351
 County: Contra Costa
 Site History: Not Reported
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: BGS
 Local Agency: CONTRA COSTA COUNTY
 RB Case Number: 07-0378
 Loc Case Number: 38539
 File Location: Regional Board
 Potential Contaminants of Concern: Gasoline
 Potential Media Affected: Other Groundwater (uses other than drinking water)
 How Discovered: Tank Closure
 How Discovered Description: Not Reported
 Stop Method: Not Reported
 Stop Method Description: Not Reported
 Action Date: 2010-07-21
 Action Type: ENFORCEMENT
 Action: Closure/No Further Action Letter

Action Date: 2010-04-14
 Action Type: ENFORCEMENT
 Action: 13267 Requirement

Action Date: 2009-09-16
 Action Type: ENFORCEMENT

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
BEACON STATION #545			1 , 2 , 3	1234748
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
DRYCLEAN USA			1 , 2 , 3	5716344
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	3768004
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	941030000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
Pinole Cleaners			1 , 2 , 3	75797
ADDRESS			CITY	ZIP
2701 Pinole Valley Rd Ste D			Pinole	
DETAILS				
Site Added: 1/1/2013				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	318756-PD
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564-1424
DETAILS				
Listing Year: 1997 SIC Category: CLEANERS SIC Code: 721201				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
VILLAGE PROPERTIES			1 , 2 , 3	2745792
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
VILLAGE PROPERTIES			1 , 2 , 3	9217-R2
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Region: 2 - San Francisco
 County: Contra Costa
 Ground Water Detection Limit: 1700
 Soil Detection Limit: 0.17
 MTBE Cnts: 2
 MTBE Fuel: 1
 Status: 6
 MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
VILLAGE PROPERTIES			1 , 2 , 3	2745792
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Reported Date: 1998
 List: Region #2-San Francisco Bay Fuel Leaks List
 Agency: Regional Water Quality Control Board, Region #2

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UJT-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
BEACON STATION 545			1 , 2 , 3	216059
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY ROAD			PINOLE	94564

DETAILS				
<p>Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022809.pdf County: Contra Costa</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
BEACON STATION #545			1 , 2 , 3	4038369
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY			PINOLE	94564

DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
Former Beacon Station			1 , 2 , 3	T0601300351
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Sites Details

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300351
 Global ID: T0601300351
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 7/21/2010
 CUF Case: NO
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: BGS
 Local Agency: CONTRA COSTA COUNTY
 RB Case Number: 07-0378
 Loc Case Number: 38539
 File Location: Regional Board
 Potential Contaminants of Concern: Gasoline
 Potential Media Affected: Other Groundwater (uses other than drinking water)
 Site History: Not Reported
 Begin Date: 11/14/1985
 How Discovered: Tank Closure
 How Discovered Description: Not Reported
 Stop Method: Not Reported
 Stop Method Description: Not Reported
 Agency Provided Latitude: 37.995511646
 Agency Provided Longitude: -122.285509801

Regulatory Activities Details

Action Date: 1985-01-02 00:00:00

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.08 miles N	62 ft (7 ft higher than site)	11
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	CAD983652819
ADDRESS			CITY	ZIP
2701 PINOLE VALLEY RD UNIT D			PINOLE	945641424

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAD983652819&pgm_sys_acrnm_in=RCRAINFO
 Source Type: Notification
 Generator Status Universe: SQG
 Generator Status: Small Quantity Generator
 Active Site Indicator: H----
 Owner Name: CHAE HONG KIM
 In Handler Universes: Y
 In a Universe: Y
 Short Term Generator: N
 Importer Activity: N
 Mixed Waste Generator: N
 Transporter Activity: N
 Transfer Facility: N
 Recycler Activity: N
 Onsite Burner Exemption: N
 Furnace Exemption: N
 Underground Injection Activity: N
 Receives Waste From Off-site: N
 Universal Waste: N
 Universal Waste Destination Facility: N
 Used Oil Universe: NNNNNNN
 Federal Universal Waste: N
 Active Site Federally Regulated TSD: -----
 Active Site Converter TSD: -----
 Active Site State Regulated TSD: -----
 Federal Indicator: ---

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.11 miles NW	43 ft (12 ft lower than site)	12
SITE NAME			MAPS	ID
WALGREENS #11614			1 , 2 , 3	10019428
ADDRESS			CITY	ZIP
2750 Pinole Valley Rd			Pinole	94564

DETAILS

General Program & Facility Information
 CERS ID: 10019428
 Facility ID: 07-000-773901
 Facility Regulator Key ID: Not Reported
 Organization Code: 90036325
 Business/Organization Name: WALGREENS
 Multiple Jurisdictional Business? (Y/N): Yes
 Business Origin: Business
 Count of Business' CERS User Accounts: 12
 Facility Count for Business: 663
 Last Submittal Date (any element): 2/17/2017 12:33:41 PM
 Count of Submitted Elements: 23
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): Not Reported
 Number of Employees: 25
 Property Owner Name: Not Reported
 Property Owner Phone Number: Not Reported
 Property Owner Mailing Address: Not Reported
 Property Owner Mailing City: Not Reported
 Property Owner Mailing State: Not Reported
 Property Owner Mailing Zip Code: Not Reported
 Property Owner Mailing Country: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.11 miles NW	43 ft (12 ft lower than site)	12
SITE NAME			MAPS	ID
WALGREENS #11614			1 , 2 , 3	FA0030570-COC
ADDRESS			CITY	ZIP
2750 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0030570
 CUPA Facility ID: 773901
 CERS ID: 10019428
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7201
 Program Element Description: HMBP: LESS THAN 1000 LBS
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.11 miles NW	43 ft (12 ft lower than site)	12
SITE NAME			MAPS	ID
1X LUCKY STORE #97/PINOLE			1 , 2 , 3	7811769
ADDRESS			CITY	ZIP
2750 PINOLE VALLEY RD			PINOLE	945640000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-CESQG-US	Listed	0.11 miles NW	43 ft (12 ft lower than site)	12
SITE NAME			MAPS	ID
WALGREENS #11614			1 , 2 , 3	CAL000336131
ADDRESS			CITY	ZIP
2750 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAL000336131&pgm_sys_acrnm_in=RCRAINFO
 Source Type: A
 Generator Status Universe: CEG
 Generator Status: Conditionally Exempt Small Quantity Generator
 NAICS1: PHARMACIES AND DRUG STORES
 Active Site Indicator: H----
 Owner Name: SCG PINOLE VALLEY SHOPPING CENTER LLC
 Operator Name: WALGREEN CO.
 In Handler Universes: Y
 In a Universe: Y
 Short Term Generator: N
 Importer Activity: N
 Mixed Waste Generator: N
 Transporter Activity: N
 Transfer Facility: N
 Recycler Activity: N
 Onsite Burner Exemption: N
 Furnace Exemption: N
 Underground Injection Activity: N
 Receives Waste From Off-site: N
 Universal Waste: N
 Universal Waste Destination Facility: N
 Used Oil Universe: NNNNNNN
 Federal Universal Waste: N
 Active Site Federally Regulated TSD: -----
 Active Site Converter TSD: -----

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cal-VCP-Other	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
MERCURY DRY CLEANERS			1 , 2 , 3	07720037
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY ROAD			PINOLE	94564

DETAILS

URL: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=07720037
 Envirostor ID: 07720037
 County: CONTRA COSTA
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 3.63
 APN: 401-310-002, 401-310-003, 401-310-010, 401310002, 401310003, 401310010
 National Priorities List: NO
 Lead Agency: SMBRP
 Project Manager: Megan Indermill
 Supervisor: Daniel Murphy
 Division Branch: Cleanup Berkeley
 Site Code: 201298
 Assembly: 15
 Senate: 09
 Congressional District: 05
 Special Program: Voluntary Cleanup Program
 Status: Certified / Operation & Maintenance
 Status Date: 2008-04-09 00:00:00
 Past Uses: DRY CLEANING
 Restricted Use: NO
 Funding: Responsible Party
 Regulatory Agencies Involved: SMBRP
 Potential Contamination of Concern: 30022, 30027, 30028, 30195
 Confirmed Contamination of Concern: 30022,30027,30028,30195
 Potential Media Affected: OTH, SOIL
 Site MGMT REQ: NONE SPECIFIED

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERCLIS-Archived-US	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
MERCURY DRY CLEANER			1 , 2 , 3	CAD983662461
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY RD.			PINOLE	94564

DETAILS

Program and Facility Information
 EPA ID: CAD983662461
 Site ID: 904794
 Region: 9
 County: CONTRA COSTA
 Street Address 2: Not Reported
 Congressional District: 7
 FIPS Code: 6013
 NPL Status: Not on the NPL
 Federal Facility?: N
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
 Agency Provided Latitude: Not Reported
 Agency Provided Longitude: Not Reported

Additional Information
 Site ID: 904794
 Region Code: 9
 Site Parent ID: Not Reported
 Parent Site Name: Not Reported
 RAT Code: DS
 Action Code ID: 1
 Action Short Name: DISCVRY
 Start Date: Not Reported
 Completion Date: 3/25/1993
 Lead Type: EPA Fund
 Action Qualifier: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
PINOLE VALLEY SHOPPING CENTER			1 , 2 , 3	10018855
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY RD			PINOLE	94564

DETAILS

General Program & Facility Information
 CERS ID: 10018855
 Facility ID: 07-000-773710
 Facility Regulator Key ID: Not Reported
 Organization Code: 90068866
 Business/Organization Name: PINOLE VALLEY SHOPPING CENTER
 Multiple Jurisdictional Business? (Y/N): No
 Business Origin: Business
 Count of Business' CERS User Accounts: 0
 Facility Count for Business: 1
 Last Submittal Date (any element): 7/9/2008 10:28:21 AM
 Count of Submitted Elements: 2
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): Not Reported
 Number of Employees: 0
 Property Owner Name: Not Reported
 Property Owner Phone Number: Not Reported
 Property Owner Mailing Address: Not Reported
 Property Owner Mailing City: Not Reported
 Property Owner Mailing State: Not Reported
 Property Owner Mailing Zip Code: Not Reported
 Property Owner Mailing Country: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
FORMER MERCURY DRY CLEANERS			1 , 2 , 3	FA0030379-COC
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY RD			PINOLE	94564-1425

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0030379
 CUPA Facility ID: 773710
 CERS ID: 10018855
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
MERCURY DRY CLEANERS			1 , 2 , 3	FA0032974-COC
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0032974
 CUPA Facility ID: 770449
 CERS ID: 10009447
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: INACTIVE, NON-BILLABLE

Program Element Code: 7200
 Program Element Description: HMBP GENERAL
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
DryCleaners-CA	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
MERCURY DRY CLEANERS			1 , 2 , 3	CAX000127050
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY RD.			PINOLE	945640000
DETAILS				
<p>EPA ID: CAX000127050 Create Date: 11/20/1984 Facility Act Ind: N Inact Date: 4/30/1986 Facility Street2: Not Reported County: Contra Costa Mailing Name: Not Reported Facility Mailing Address: -- Facility Mailing Address 2: Not Reported Facility Mailing City: PINOLE Facility Mailing State: CA Facility Mailing Zip Code: 945640000 Region Code: 2 Owner Name: -- Owner Address: -- Owner Address2: Not Reported Owner City: -- Owner State: 99 Owner Zip Code: -- Owner Phone Number: 0000000000 Owner Fax Number: Not Reported Contact Name: UNDELIVERABLE SURVEY 2-1-95 HJ Contact Address: -- Contact Address2: Not Reported Contact City: -- Contact State: 99 Contact Zip Code: --</p> <p>More Details Link</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
DryCleaners-CA	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
1X MERCURY DRY CLEANING			1 , 2 , 3	CAC000783376
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY RD			PINOLE	945640000
DETAILS				
<p>EPA ID: CAC000783376 Create Date: 12/30/1992 Facility Act Ind: N Inact Date: 10/25/2000 Facility Street2: Not Reported County: Contra Costa Mailing Name: Not Reported Facility Mailing Address: BRIGHTON PACIFIC REALITY/REC'R Facility Mailing Address 2: Not Reported Facility Mailing City: OAKLAND Facility Mailing State: CA Facility Mailing Zip Code: 946120000 Region Code: 2 Owner Name: ORVILLE JOHNSON Owner Address: -- Owner Address2: Not Reported Owner City: -- Owner State: 99 Owner Zip Code: -- Owner Phone Number: 0000000000 Owner Fax Number: Not Reported Contact Name: JANE YALE Contact Address: -- Contact Address2: Not Reported Contact City: -- Contact State: 99 Contact Zip Code: --</p> <p>More Details Link</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CALSITES-CA	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
MERCURY DRY CLEANERS			1 , 2 , 3	1595417
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY ROAD			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
MERCURY DRY CLEANERS			1 , 2 , 3	1595417
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.11 miles N	42 ft (13 ft lower than site)	13
SITE NAME			MAPS	ID
PINOLE VALLEY SHOPPING CENTER			1 , 2 , 3	CAR000121822
ADDRESS			CITY	ZIP
2714 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl_disp_program_facility?pgm_sys_id_in=CAR000121822&pgm_sys_acrnm_in=RCRAINFO
 Source Type: Implementer
 Generator Status Universe: SQG
 Generator Status: Small Quantity Generator
 Active Site Indicator: H----
 Owner Name: BARF INC
 In Handler Universes: Y
 In a Universe: Y
 Short Term Generator: N
 Importer Activity: N
 Mixed Waste Generator: N
 Transporter Activity: N
 Transfer Facility: N
 Recycler Activity: N
 Onsite Burner Exemption: N
 Furnace Exemption: N
 Underground Injection Activity: N
 Receives Waste From Off-site: N
 Universal Waste: N
 Universal Waste Destination Facility: N
 Used Oil Universe: NNNNNNN
 Federal Universal Waste: N
 Active Site Federally Regulated TSD: -----
 Active Site Converter TSD: -----
 Active Site State Regulated TSD: -----
 Federal Indicator: ---

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
PINOLE CHEVRON			1 , 2 , 3	10008067
ADDRESS			CITY	ZIP
2695 Pinole Valley Rd			Pinole	94564

DETAILS

General Program & Facility Information
 CERS ID: 10008067
 Facility ID: 07-000-762555
 Facility Regulator Key ID: Not Reported
 Organization Code: 90026224
 Business/Organization Name: PINOLE CHEVRON
 Multiple Jurisdictional Business? (Y/N): No
 Business Origin: Business
 Count of Business' CERS User Accounts: 1
 Facility Count for Business: 1
 Last Submittal Date (any element): 2/27/2017 3:14:26 PM
 Count of Submitted Elements: 69
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): 360-150-044-4
 Number of Employees: 6
 Property Owner Name: Hoyatt Gerald
 Property Owner Phone Number: Not Reported
 Property Owner Mailing Address: 1710 Novato Blvd
 Property Owner Mailing City: Novato
 Property Owner Mailing State: CA
 Property Owner Mailing Zip Code: 94947
 Property Owner Mailing Country: United States

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
PINOLE CHEVRON			1 , 2 , 3	FA0032514-COC
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0032514
 CUPA Facility ID: 762555
 CERS ID: 10008067
 Street Unit: Not Reported
 Program Element Code: 7101
 Program Element Description: HWG: LESS THAN 5 TONS/YEAR
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7206
 Program Element Description: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
 Billing Status: ACTIVE, BILLABLE

Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-UST-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
PINOLE CHEVRON			1 , 2 , 3	FA0032514-COC
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Facility ID: FA0032514
 CUPA Facility ID: 762555
 CERS ID: 10008067
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON			1 , 2 , 3	T0601300658
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Global ID: T0601300658 County: Contra Costa Site History: Not Reported Case Type: LUST Cleanup Site Status: Completed - Case Closed Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2) Case Worker: MYM Local Agency: CONTRA COSTA COUNTY RB Case Number: 07-0711 Loc Case Number: 62555 File Location: Not Reported Potential Contaminants of Concern: Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Action Date: 2006-08-03 Action Type: ENFORCEMENT Action: * No Action</p> <p>Action Date: 2004-06-24 Action Type: ENFORCEMENT Action: Staff Letter</p> <p>Action Date: 2004-04-15 Action Type: ENFORCEMENT</p> <p>More Details Link</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON			1 , 2 , 3	4038368
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON			1 , 2 , 3	82322
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON			1 , 2 , 3	8868-R2
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Region: 2 - San Francisco
 County: Contra Costa
 Ground Water Detection Limit: 66.1
 Soil Detection Limit: Not Reported
 MTBE Cnts: 5
 MTBE Fuel: 1
 Status: 5C
 MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON			1 , 2 , 3	82322
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Reported Date: 1998
 List: Region #2-San Francisco Bay Fuel Leaks List
 Agency: Regional Water Quality Control Board, Region #2

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
KEN BETTS CHEVRON			1 , 2 , 3	29722-PD
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564-1422

DETAILS				
Listing Year: 1997 SIC Category: SERVICE STATIONS-GASOLINE & OIL SIC Code: 554101				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
KEN BETTS PINOLE CHEVRON			1 , 2 , 3	201962
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564

DETAILS				
AS OF DATE: 7/18/2001 SITE TYPE: RETAIL TANK TYPE: UST COUNTY: CONTRA COSTA				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
PINOLE CHEVRON			1 , 2 , 3	111360
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			Pinole	94564

DETAILS				
Sic Code: 5541 Desc: Service Stations/Vehicle Fueling Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
Bedrock Oil Pinole Chevron			1 , 2 , 3	24386
ADDRESS			CITY	ZIP
2695 Pinole Valley Rd			Pinole	94564
DETAILS				
Sic Code: 5541 Desc: Service Stations/Vehicle Fueling Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
96014			1 , 2 , 3	211056
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002290D.pdf County: Contra Costa				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON #4014			1 , 2 , 3	4038368
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY			PINOLE	94564

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON			1 , 2 , 3	T0601300658
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Sites Details
 URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300658
 Global ID: T0601300658
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 8/8/2006
 CUF Case: YES
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: MYM
 Local Agency: CONTRA COSTA COUNTY
 RB Case Number: 07-0711
 Loc Case Number: 62555
 File Location: Not Reported
 Potential Contaminants of Concern: Gasoline
 Potential Media Affected: Other Groundwater (uses other than drinking water)
 Site History: Not Reported
 Begin Date: 12/21/1995
 How Discovered: Tank Closure
 How Discovered Description: Not Reported
 Stop Method: Not Reported
 Stop Method Description: Not Reported
 Agency Provided Latitude: 37.995773
 Agency Provided Longitude: -122.285056

Regulatory Activities Details
 Action Date: 1995-12-21 00:00:00
[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON STATION NO 94014			1 , 2 , 3	CAD980638035
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	945641422

DETAILS

Additional details may be found online using the following link:

http://oaspub.epa.gov/enviro/fii_query_dtl_disp_program_facility?pgm_sys_id_in=CAD980638035&pgm_sys_acrnm_in=RCRAINFO

Source Type: Notification

Generator Status Universe: SQG

Generator Status: Small Quantity Generator

NAICS1: GASOLINE STATIONS

Active Site Indicator: H----

Owner Name: CHEVRON PRODUCTS CO

Operator Name: NOT REQUIRED

In Handler Universes: Y

In a Universe: Y

Short Term Generator: N

Importer Activity: N

Mixed Waste Generator: N

Transporter Activity: N

Transfer Facility: N

Recycler Activity: N

Onsite Burner Exemption: N

Furnace Exemption: N

Underground Injection Activity: N

Receives Waste From Off-site: N

Universal Waste: N

Universal Waste Destination Facility: N

Used Oil Universe: NNNNNNN

Federal Universal Waste: N

Active Site Federally Regulated TSD: -----

Active Site Converter TSD: -----

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
PINOLE CHEVRON			1 , 2 , 3	7182
ADDRESS			CITY	ZIP
2695 Pinole Valley Rd			Pinole	94564
DETAILS				
<p>More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp Global ID: 07-000-762555 COUNTY: Contra Costa Permitting Agency: Contra Costa County Health Services Department Agency Provided Latitude: 37.995846 Agency Provided Longitude: -122.285233 PROJECT TYPE: Not Reported RB Case Number: Not Reported LOC Case Number: Not Reported Case Worker: Not Reported MTBE DATE: Not Reported GW CONC (PPB): Not Reported MATRIX: Not Reported</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CRSP-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
PINOLE CHEVRON			1 , 2 , 3	57657
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Site Regulated Program Information

Site ID: 57657
 Site EI ID: 10008067
 Agency Provided Latitude: 37.995846
 Agency Provided Longitude: -122.28523

Program Description: Underground Storage Tank

Evaluation Information

Evaluation Date: 9/30/2016
 Violations Found? (Y/N): No
 Evaluation General Type: Other/Unknown
 Evaluation Type: Other, not routine, done by local agency
 Evaluation Note(s): Not Reported
 Evaluation Division: Contra Costa County Health Services Department
 Evaluation Program: UST
 Evaluation Source: CERS

Evaluation Date: 7/13/2016
 Violations Found? (Y/N): Yes
 Evaluation General Type: Compliance Evaluation Inspection
 Evaluation Type: Routine done by local agency
 Evaluation Note(s): Not Reported
 Evaluation Division: Contra Costa County Health Services Department
 Evaluation Program: UST
 Evaluation Source: CERS

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-Priority-CA	Listed	0.12 miles N	50 ft (5 ft lower than site)	14
SITE NAME			MAPS	ID
CHEVRON #9-4014			1 , 2 , 3	15341
ADDRESS			CITY	ZIP
2695 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Facility Information

Global ID: 15341
 Claim Number: T0601300658
 County: Contra Costa
 Priority: D
 Rank: 2483
 Report Date: 12/21/1995
 Stop Date: 1/18/1996
 Discovered Date: 12/21/1995
 Claimant: CHEVRON PRODUCTS COMPANY
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Regional Board: SAN FRANCISCO BAY RWQCB (REGION 2)
 Region: SAN FRANCISCO BAY RWQCB
 Region Code: REGION 2

GIS Information

Agency Provided Longitude: -122.285056
 Agency Provided Latitude: 37.995773

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
DryCleaners-CA	Listed	0.12 miles NW	37 ft (18 ft lower than site)	15
SITE NAME			MAPS	ID
PINOLE CLEANERS			1 , 2 , 3	CAL000055937
ADDRESS			CITY	ZIP
2710 PINOLE VALLEY RD			PINOLE	945640000

DETAILS

EPA ID: CAL000055937
 Create Date: 7/15/1994
 Facility Act Ind: N
 Inact Date: 6/30/2002
 Facility Street2: Not Reported
 County: Contra Costa
 Mailing Name: Not Reported
 Facility Mailing Address: 2701 D PINOLE VALLEY RD
 Facility Mailing Address 2: Not Reported
 Facility Mailing City: PINOLE
 Facility Mailing State: CA
 Facility Mailing Zip Code: 945641425
 Region Code: 2
 Owner Name: SONG YUSOO
 Owner Address: 2701-D PINOLE VALLEY RD
 Owner Address2: Not Reported
 Owner City: PINOLE
 Owner State: CA
 Owner Zip Code: 945640000
 Owner Phone Number: 5107588082
 Owner Fax Number: Not Reported
 Contact Name: YUSOD SONG/OWNER
 Contact Address: 2407 CHRISTIAN CT
 Contact Address2: Not Reported
 Contact City: PINOLE
 Contact State: CA
 Contact Zip Code: 945640000

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.13 miles NW	36 ft (19 ft lower than site)	16
SITE NAME			MAPS	ID
CHIPOTLE MEXICAN GRILL #1505			1 , 2 , 3	FA0035690-COC
ADDRESS			CITY	ZIP
2696 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0035690
 CUPA Facility ID: 774896
 CERS ID: 10506862
 Street Unit: A & B
 Program Element Code: 7201
 Program Element Description: HMBP: LESS THAN 1000 LBS
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.14 miles NW	36 ft (19 ft lower than site)	17
SITE NAME			MAPS	ID
PINOLE VALLEY SHOPPING CENTER - Former Mercury Dry Cleaners			1 , 2 , 3	SLT2O205308
ADDRESS			CITY	ZIP
2700 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Global ID: SLT2O205308
 County: Contra Costa
 Site History: This is a DTSC led Site also known as former Mercury Dry Cleaners. Documents are on Envirostor
 Case Type: Non-Case Information
 Status: Open - Inactive
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: UUU
 Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 RB Case Number: 07S0085
 Loc Case Number: Not Reported
 File Location: DTSC
 Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE)
 Potential Media Affected: Aquifer used for drinking water supply, Soil, Soil Vapor, Surface water
 How Discovered: Not Reported
 How Discovered Description: Not Reported
 Stop Method: Not Reported
 Stop Method Description: Not Reported
 Action Date: 2000-01-13
 Action Type: ENFORCEMENT
 Action: Letter - Notice

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.14 miles NW	36 ft (19 ft lower than site)	17
SITE NAME			MAPS	ID
PINOLE VALLEY SHOPPINT CENTER			1 , 2 , 3	6532106
ADDRESS			CITY	ZIP
2700 PINOLE VALLEY RD			PINOLE	
DETAILS				
<p>Reported Date: 1998 List: Region #2-North and South Bay SLIC Report Agency: Regional Water Quality Control Board, Region #2</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
PINOLE VALLEY SHELL			1 , 2 , 3	FA0032033-COC
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>County: Contra Costa Type: Underground tank, Hazardous waste generator and Business plan/2185 programs Facility ID: FA0032033 CUPA Facility ID: 730067 CERS ID: 10006624 Street Unit: Not Reported Program Element Code: 7110 Program Element Description: HWG: REPORTED ZERO Billing Status: INACTIVE, NON-BILLABLE</p> <p>Program Element Code: 7200 Program Element Description: HMBP GENERAL Billing Status: INACTIVE, NON-BILLABLE</p> <p>Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: INACTIVE, NON-BILLABLE</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-UST-CA	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
PINOLE VALLEY SHELL			1 , 2 , 3	FA0032033-COC
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
County: Contra Costa Responsible Agency: Contra Costa County Health Services Facility ID: FA0032033 CUPA Facility ID: 730067 CERS ID: 10006624 Street Unit: Not Reported Program Element Code: 7302 Program Element Description: UNDERGROUND STORAGE TANK SITE Billing Status: INACTIVE, NON-BILLABLE				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
SHELL			1 , 2 , 3	T0601300258
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Global ID: T0601300258
 County: Contra Costa
 Site History: Not Reported
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: Not Reported
 Local Agency: CONTRA COSTA COUNTY
 RB Case Number: 07-0277
 Loc Case Number: 30067
 File Location: Not Reported
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
 Potential Media Affected: Soil
 How Discovered: Tank Closure
 How Discovered Description: Not Reported
 Stop Method: Not Reported
 Stop Method Description: Not Reported
 Action Date: 2004-10-22
 Action Type: ENFORCEMENT
 Action: Staff Letter

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
SHELL			1 , 2 , 3	377296
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
SHELL			1 , 2 , 3	9136-R2
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Region: 2 - San Francisco County: Contra Costa Ground Water Detection Limit: 62 Soil Detection Limit: Not Reported MTBE Cnts: 2 MTBE Fuel: 0 Status: 9 MTBE Tested: YES				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
SHELL			1 , 2 , 3	377296
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
PINOLE VALLEY SHELL			1 , 2 , 3	43632-PD
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564-1423
DETAILS				
Listing Year: 1997 SIC Category: SERVICE STATIONS-GASOLINE & OIL SIC Code: 554101				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
PINOLE CLAUHEY SHELL SERVICE			1 , 2 , 3	256605
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022F27.pdf County: Contra Costa				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
PINOLE VALLEY SHELL			1 , 2 , 3	4038367
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
SHELL			1 , 2 , 3	T0601300258
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Sites Details

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300258
 Global ID: T0601300258
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 12/20/1995
 CUF Case: NO
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: Not Reported
 Local Agency: CONTRA COSTA COUNTY
 RB Case Number: 07-0277
 Loc Case Number: 30067
 File Location: Not Reported
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
 Potential Media Affected: Soil
 Site History: Not Reported
 Begin Date: 12/12/1986
 How Discovered: Tank Closure
 How Discovered Description: Not Reported
 Stop Method: Not Reported
 Stop Method Description: Not Reported
 Agency Provided Latitude: 37.9954147
 Agency Provided Longitude: -122.2857046

Regulatory Activities Details

Action Date: 1986-12-12 00:00:00

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.14 miles N	35 ft (20 ft lower than site)	18
SITE NAME			MAPS	ID
SHELL OIL CO			1 , 2 , 3	CAD981401839
ADDRESS			CITY	ZIP
2690 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl_disp_program_facility?pgm_sys_id_in=CAD981401839&pgm_sys_acrnm_in=RCRAINFO
 Source Type: Notification
 Generator Status Universe: SQG
 Generator Status: Small Quantity Generator
 Active Site Indicator: H----
 Owner Name: EQUILON ENTERPRISES LLC
 Operator Name: NOT REQUIRED
 In Handler Universes: Y
 In a Universe: Y
 Short Term Generator: N
 Importer Activity: N
 Mixed Waste Generator: N
 Transporter Activity: N
 Transfer Facility: N
 Recycler Activity: N
 Onsite Burner Exemption: N
 Furnace Exemption: N
 Underground Injection Activity: N
 Receives Waste From Off-site: N
 Universal Waste: N
 Universal Waste Destination Facility: N
 Used Oil Universe: NNNNNNN
 Federal Universal Waste: N
 Active Site Federally Regulated TSD: -----
 Active Site Converter TSD: -----
 Active Site State Regulated TSD: -----

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.16 miles N	55 ft (0 ft higher than site)	19
SITE NAME			MAPS	ID
Jack in the Box #0436			1 , 2 , 3	10657996
ADDRESS			CITY	ZIP
2689 Pinole Valley Rd			Pinole	94564

DETAILS

General Program & Facility Information
 CERS ID: 10657996
 Facility ID: 07-000-775247
 Facility Regulator Key ID: Not Reported
 Organization Code: 90000136
 Business/Organization Name: Jack in the Box, Inc.
 Multiple Jurisdictional Business? (Y/N): Yes
 Business Origin: Business
 Count of Business' CERS User Accounts: 7
 Facility Count for Business: 195
 Last Submittal Date (any element): 8/29/2016 11:17:10 AM
 Count of Submitted Elements: 6
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): Not Reported
 Number of Employees: 35
 Property Owner Name: Not Reported
 Property Owner Phone Number: Not Reported
 Property Owner Mailing Address: Not Reported
 Property Owner Mailing City: Not Reported
 Property Owner Mailing State: Not Reported
 Property Owner Mailing Zip Code: Not Reported
 Property Owner Mailing Country: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.16 miles N	55 ft (0 ft higher than site)	19
SITE NAME			MAPS	ID
JACK IN THE BOX #0436			1 , 2 , 3	FA0037815-COC
ADDRESS			CITY	ZIP
2689 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0037815
 CUPA Facility ID: 775247
 CERS ID: 10657996
 Street Unit: Not Reported
 Program Element Code: 7201
 Program Element Description: HMBP: LESS THAN 1000 LBS
 Billing Status: ACTIVE, BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
CONOCOPHILLIPS CO #254754			1 , 2 , 3	10004569
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564

DETAILS

General Program & Facility Information
 CERS ID: 10004569
 Facility ID: 07-000-707102
 Facility Regulator Key ID: Not Reported
 Organization Code: 99996700
 Business/Organization Name: Contra Costa County CUPA Non-Regulated/Not Applicable Facilities
 Multiple Jurisdictional Business? (Y/N): No
 Business Origin: Business
 Count of Business' CERS User Accounts: 1
 Facility Count for Business: 566
 Last Submittal Date (any element): 7/9/2008 10:29:00 AM
 Count of Submitted Elements: 2
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): Not Reported
 Number of Employees: 0
 Property Owner Name: Not Reported
 Property Owner Phone Number: Not Reported
 Property Owner Mailing Address: Not Reported
 Property Owner Mailing City: Not Reported
 Property Owner Mailing State: Not Reported
 Property Owner Mailing Zip Code: Not Reported
 Property Owner Mailing Country: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
CONOCOPHILLIPS CO #254754			1 , 2 , 3	FA0030899-COC
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0030899
 CUPA Facility ID: 707102
 CERS ID: 10004569
 Street Unit: Not Reported
 Program Element Code: 7110
 Program Element Description: HWG: REPORTED ZERO
 Billing Status: INACTIVE, NON-BILLABLE

Program Element Code: 7200
 Program Element Description: HMBP GENERAL
 Billing Status: INACTIVE, NON-BILLABLE

Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-UST-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
CONOCOPHILLIPS CO #254754			1 , 2 , 3	FA0030899-COC
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Responsible Agency: Contra Costa County Health Services
 Facility ID: FA0030899
 CUPA Facility ID: 707102
 CERS ID: 10004569
 Street Unit: Not Reported
 Program Element Code: 7302
 Program Element Description: UNDERGROUND STORAGE TANK SITE
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
TOSCO - FACILITY #4754			1 , 2 , 3	T0601300340
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
<p>Global ID: T0601300340 County: Contra Costa Site History: Not Reported Case Type: LUST Cleanup Site Status: Completed - Case Closed Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2) Case Worker: MYM Local Agency: CONTRA COSTA COUNTY RB Case Number: 07-0365 Loc Case Number: 7102 File Location: Not Reported Potential Contaminants of Concern: Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Action Date: 2006-08-13 Action Type: ENFORCEMENT Action: * No Action</p> <p>Action Date: 2004-04-29 Action Type: ENFORCEMENT Action: Site Visit / Inspection / Sampling</p> <p>Action Date: 2002-07-01 Action Type: ENFORCEMENT</p> <p>More Details Link</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
1X SHAW'S UNOCAL 76 STATION			1 , 2 , 3	7810395
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	945640000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
UNOCAL			1 , 2 , 3	7433903
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY			PINOLE	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
UNOCAL			1 , 2 , 3	930653
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
TOSCO - FACILITY #4754			1 , 2 , 3	9176-R2
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Region: 2 - San Francisco County: Contra Costa Ground Water Detection Limit: 150 Soil Detection Limit: Not Reported MTBE Cnts: 1 MTBE Fuel: 1 Status: 3B MTBE Tested: YES				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
UNOCAL			1 , 2 , 3	930653
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
UNION #4754			1 , 2 , 3	201967
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
AS OF DATE: 7/18/2001 SITE TYPE: RETAIL TANK TYPE: UST COUNTY: CONTRA COSTA				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
UNION OIL SS4754			1 , 2 , 3	274050
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002307E.pdf County: Contra Costa				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
UNION OIL SS 4754			1 , 2 , 3	273613
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY ROAD			PINOLE	94564
DETAILS				
<p>Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000230B7.pdf County: Contra Costa</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
UNOCAL SERVICE STATION #4754			1 , 2 , 3	4038372
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY			PINOLE	94564
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
TOSCO - FACILITY #4754			1 , 2 , 3	T0601300340
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Sites Details

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300340
 Global ID: T0601300340
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 8/30/2007
 CUF Case: YES
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: MYM
 Local Agency: CONTRA COSTA COUNTY
 RB Case Number: 07-0365
 Loc Case Number: 7102
 File Location: Not Reported
 Potential Contaminants of Concern: Gasoline
 Potential Media Affected: Other Groundwater (uses other than drinking water)
 Site History: Not Reported
 Begin Date: 10/9/1987
 How Discovered: Tank Closure
 How Discovered Description: Not Reported
 Stop Method: Not Reported
 Stop Method Description: Not Reported
 Agency Provided Latitude: 37.991954
 Agency Provided Longitude: -122.284553

Regulatory Activities Details

Action Date: 1988-03-25 00:00:00

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
CONOCOPHILLIPS SITE #254754			1 , 2 , 3	CAL000277058
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAL000277058&pgm_sys_acrnm_in=RCRAINFO
 Source Type: Implementer
 Generator Status Universe: SQG
 Generator Status: Small Quantity Generator
 NAICS1: GASOLINE STATIONS WITH CONVENIENCE STORES
 Active Site Indicator: H----
 Owner Name: CONOCOPHILLIPS
 Operator Name: CONOCOPHILLIPS
 In Handler Universes: Y
 In a Universe: Y
 Short Term Generator: N
 Importer Activity: N
 Mixed Waste Generator: N
 Transporter Activity: N
 Transfer Facility: N
 Recycler Activity: N
 Onsite Burner Exemption: N
 Furnace Exemption: N
 Underground Injection Activity: N
 Receives Waste From Off-site: N
 Universal Waste: N
 Universal Waste Destination Facility: N
 Used Oil Universe: NNNNNNN
 Federal Universal Waste: N
 Active Site Federally Regulated TSD: -----
 Active Site Converter TSD: -----

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-Priority-CA	Listed	0.2 miles S	50 ft (5 ft lower than site)	20
SITE NAME			MAPS	ID
UNOCAL SERVICE STATION #4754			1 , 2 , 3	6659
ADDRESS			CITY	ZIP
2995 PINOLE VALLEY ROAD			PINOLE	94564

DETAILS

Facility Information

Global ID: 6659
 Claim Number: T0601300340
 County: Contra Costa
 Priority: D
 Rank: 206
 Report Date: 3/29/1988
 Stop Date: 8/31/1993
 Discovered Date: 3/25/1988
 Claimant: UNION OIL COMPANY OF CALIFORNIA
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Regional Board: SAN FRANCISCO BAY RWQCB (REGION 2)
 Region: SAN FRANCISCO BAY RWQCB
 Region Code: REGION 2

GIS Information

Agency Provided Longitude: -122.284553
 Agency Provided Latitude: 37.991954

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Spills-SSO-CA	Listed	0.24 miles S	45 ft (10 ft lower than site)	21
SITE NAME			MAPS	ID
1342 Bayview Farm rd			1 , 2 , 3	625728
ADDRESS			CITY	ZIP
Not Reported by Agency				

DETAILS

Certificate ID: 625728
 Region: 2
 County: Contra Costa
 Agency: Pinole City
 Collection SYS: Pinole City CS
 WDID: 2SSO10112
 Event ID: 813136
 Certificate Person Name: Patrick Bowie
 Certificate Person Title: Maintenance Supervisor
 Certificate Location: City Of Pinole
 Certificate Date: 2015.02.18 00.00.00
 Spill Location Description: Not Reported
 Spill Type: Category 1
 Appear PT: Manhole
 Appear PT Explanation: Storm Surge
 Reach Surface: Yes
 reach Storm Drainpipe: Yes
 Return To SSS: No
 Privt Latrl Spill: No
 Responsible Party: Not Reported
 Final Spill Dest: Separate Storm Drain;Surface Water
 Final Spill Dest Explanation: Not Reported
 Spill Volume Reached Land: Not Reported
 Spill Volume Discharge A: Not Reported
 Spill Volume Discharge B: Not Reported
 Spill Volume Discharge C: Not Reported
 Spill Volume Discharge D: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.25 miles S	61 ft (6 ft higher than site)	22
SITE NAME			MAPS	ID
WCCUSD/PINOLE HIGH SCHOOL			1 , 2 , 3	10483264
ADDRESS			CITY	ZIP
2900 Pinole Valley Rd			Pinole	94564

DETAILS

General Program & Facility Information
 CERS ID: 10483264
 Facility ID: 07-000-774560
 Facility Regulator Key ID: Not Reported
 Organization Code: 90410290
 Business/Organization Name: WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT
 Multiple Jurisdictional Business? (Y/N): No
 Business Origin: CUPA
 Count of Business' CERS User Accounts: 3
 Facility Count for Business: 17
 Last Submittal Date (any element): 1/30/2015 10:56:00 AM
 Count of Submitted Elements: 6
 Remote Facility? (Y/N): No
 Small Quantity Generator Facility? (Y/N): No
 Local Facility Grouping: Not Reported

Facility Specific Information
 Assessor Parcel Number (APN): Not Reported
 Number of Employees: 262
 Property Owner Name: WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT
 Property Owner Phone Number: 510-231-1100
 Property Owner Mailing Address: 1108 BISSELL AVE.
 Property Owner Mailing City: RICHMOND
 Property Owner Mailing State: CA
 Property Owner Mailing Zip Code: 94801
 Property Owner Mailing Country: United States

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-Others-CA	Listed	0.25 miles S	61 ft (6 ft higher than site)	22
SITE NAME			MAPS	ID
WCCUSD/PINOLE HIGH SCHOOL			1 , 2 , 3	FA0031891-COC
ADDRESS			CITY	ZIP
2900 PINOLE VALLEY RD			PINOLE	94564

DETAILS

County: Contra Costa
 Type: Underground tank, Hazardous waste generator and Business plan/2185 programs
 Facility ID: FA0031891
 CUPA Facility ID: 774560
 CERS ID: 10483264
 Street Unit: Not Reported
 Program Element Code: 7105
 Program Element Description: HWG: 50 - <250 TONS/YEAR
 Billing Status: INACTIVE, NON-BILLABLE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.25 miles S	61 ft (6 ft higher than site)	22
SITE NAME			MAPS	ID
RICHMOND UNIFIED SCHOOL DIST			1 , 2 , 3	7732221
ADDRESS			CITY	ZIP
2900 PINOLE VALLEY RD			PINOLE	945640000

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.25 miles S	61 ft (6 ft higher than site)	22
SITE NAME			MAPS	ID
PINOLE VALLEY HIGH SCHOOL			1 , 2 , 3	7732220
ADDRESS			CITY	ZIP
2900 PINOLE VALLEY RD			PINOLE	945640000

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-LQG-US	Listed	0.25 miles S	61 ft (6 ft higher than site)	22
SITE NAME			MAPS	ID
PINOLE VALLEY HIGH SCHOOL			1 , 2 , 3	CAR000252163
ADDRESS			CITY	ZIP
2900 PINOLE VALLEY RD			PINOLE	94564

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl_disp_program_facility?pgm_sys_id_in=CAR000252163&pgm_sys_acrnm_in=RCRAINFO
 Source Type: Notification
 Generator Status Universe: LQG
 Generator Status: Large Quantity Generator
 NAICS1: ELEMENTARY AND SECONDARY SCHOOLS
 Active Site Indicator: H----
 Owner Name: WEST CONTRA COSTA UNIFIED SCHOOL DIST
 Operator Name: WEST CONTRA COSTA UNIFIED SCHOOL DIST
 In Handler Universes: Y
 In a Universe: Y
 Short Term Generator: N
 Importer Activity: N
 Mixed Waste Generator: N
 Transporter Activity: N
 Transfer Facility: N
 Recycler Activity: N
 Onsite Burner Exemption: N
 Furnace Exemption: N
 Underground Injection Activity: N
 Receives Waste From Off-site: N
 Universal Waste: Y
 Universal Waste Destination Facility: N
 Used Oil Universe: NNNNNNN
 Federal Universal Waste: Y
 Active Site Federally Regulated TSD: -----
 Active Site Converter TSD: -----

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Remediation	0.41 miles N	37 ft (18 ft lower than site)	23
SITE NAME			MAPS	ID
Gateway Development			1 , 3	T10000008992
ADDRESS			CITY	ZIP
1300 Pinole Valley Road			Pinole	94564

DETAILS

Sites Details

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000008992

Global ID: T10000008992

Case Type: Cleanup Program Site

Status: Open - Remediation

Status Date: 6/3/2016

CUF Case: NO

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)

Case Worker: AJK

Local Agency: Not Reported

RB Case Number: T10000008992

Loc Case Number: Not Reported

File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Contaminants of Concern: Aviation, Diesel

Potential Media Affected: Other Groundwater (uses other than drinking water), Soil

Site History: Kinder Morgan pipeline was ruptured in 1979 by a City contractor. It's unclear whether or not all the contaminated soil was hauled out or not. Pipeline is at 5 feet bgs, majority of contamination is down past 10 feet bgs. Soil excavation is underway to remove concentrations above commercial ESLs.

Begin Date: 6/3/2016

How Discovered: Not Reported

How Discovered Description: Not Reported

Stop Method: Not Reported

Stop Method Description: Not Reported

Agency Provided Latitude: 37.99794

Agency Provided Longitude: -122.28678

Regulatory Activities Details

Action Date: 2016-07-06 00:00:00

[More Details Link](#)

RECORDS SOURCES SEARCHED

Air-CA

Air Permits with Emissions

Category: ERS Supplemental Govt Sources

Description: This database contains permitted facilities that report to the ARB by the different Air Quality Districts.

Agency: California Air Resources Board

Phone Number: 9163222990

Date last updated: 12/20/2016

Date last checked: 12/2/2016

Distance searched: 0.25 miles

Sites:

None Found

AIR-DIST-CA

Air Pollution Control District

Category: ERS Supplemental Govt Sources

Description: This database contains air permitted facilities as reported by various Air Quality and Air Pollution Control Districts in California.

Antelope Valley AQMD: (661) 723-8070

Butte AQMD: (530) 332-9400

Mariposa County APCD: (209) 966-2220

North Coast Unified AQMD: (707) 443-3093

Placer APCD: (530) 745-2330

Sacramento AQMD: (916) 874-4800

San Diego County APCD: (858) 586-2600

Santa Barbara APCD: (805) 961-8800

South Coast AQMD: (909) 396-2000

Agency: Local District Agencies

Phone Number: 7146698096

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.25 miles

Sites:

None Found

AST-CA

Aboveground Storage Tanks

Category: State/Tribal UST

Description: This database includes aboveground storage tanks previously maintained by the California EPA. The data is historic as AST's are now tracked by local county offices.

Agency: California Environmental Protection Agency

Phone Number: 9163232514
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

AST-CRSP-CA

Aboveground Storage Tanks

Category: State/Tribal UST

Description: Aboveground Storage Tanks listed on the CalEPA Regulated Site Portal. The portal is a website that combines data about environmentally regulated sites and facilities in California into a single, searchable database and interactive map. For information on a particular site, contact the appropriate agency:

California Environmental Reporting System (CERS): cers@calepa.ca.gov

California Integrated Water Quality System (CIWQS): 866-79-CIWQS

EnviroStor Cleanup/Haz Waste: 877-786-9427

GeoTracker: 866-480-1028

Agency: Cal EPA

Phone Number: 9164455049

Date last updated: 3/17/2017

Date last checked: 2/14/2017

Distance searched: 0.25 miles

Sites:

None Found

BF-US

A Listing of Brownfields Sites

Category: Federal Brownfield

Description: This database contains a listing of Brownfields sites listed under the "Cleanups in My Community" program maintained by EPA.

Agency: United States Environmental Protection Agency

Phone Number: 2025662777

Date last updated: 1/9/2017

Date last checked: 12/28/2016

Distance searched: 0.5 miles

Sites:

None Found

BioFuel-US

Bio Diesel Fuel

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of EPA Fuels Programs facilities.

Agency: United States Environmental Protection Agency

Phone Number: 2023439303
Date last updated: 1/13/2017
Date last checked: 1/6/2017
Distance searched: 0.25 miles
Sites:
None Found

Cal-BZ-HazWaste-CA

Border Zone or Hazardous Waste Property

Category: State/Tribal ASTM Other

Description: This database identifies properties that went through the Border Zone Property or Hazardous Waste Property process of evaluation as reported by California Department of Toxic and Substance Control. Potential Border Zone properties are located within 2,000 feet of a significant disposal of hazardous waste; Hazardous Waste Property facilities/sites have a significant disposal of hazardous waste.

Agency: California Department of Toxic and Substance Control.

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-CorAct-Closed-CA

Corrective Action Sites

Category: State/Tribal ASTM Other

Description: This database contains investigation or cleanup activities at Resource Conservation and Recovery Act (RCRA) or state-only hazardous waste reported by the California Department of Toxic and Substance Control.

Agency: California Department of Toxic and Substance Control.

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-CorAct-Open-CA

Corrective Action Sites

Category: State/Tribal ASTM Other

Description: This database contains investigation or cleanup activities at Resource Conservation and Recovery Act (RCRA) or state-only hazardous waste reported by the California Department of Toxic and Substance Control.

Agency: California Department of Toxic and Substance Control.

Phone Number: 9163233400
Date last updated: 3/24/2017
Date last checked: 3/8/2017
Distance searched: 0.5 miles
Sites:
None Found

Cal-Eval-Hist

EnviroStor Database Evaluation History Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of Historical Sites. Historical sites are Identified sites from an older database where no site type was identified. Most of these sites have a status of Referred or No Further Action. DTSC is working to clean up this data by identifying an appropriate site type for each Historic Site.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-Eval-Hist-NFA

EnviroStor Database Evaluation History NFA Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of Historical sites from older database where no site type was identified. These particular sites have received No Further Action.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-Military-Active

EnviroStor Database Military Active Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing Military sites including open and closed bases and Former Used Defense Sites. Active sites are those with confirmed or unconfirmed releases and where DTSC is involved in investigation and/or remediation, either in a lead or support capacity.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 1 mile

Sites:

None Found

Cal-Military-NFA

EnviroStor Database Military NFA Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of Military sites including open and closed bases and Former Used Defense Sites. The confirmed or unconfirmed releases have been cleaned up and the case has received No Further Action.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-Military-Other

EnviroStor Database Military Other Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of Military sites including open and closed bases and Former Used Defense Sites.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 1 mile

Sites:

None Found

Cal-Mortgage-CA

Cal Mortgage Facilities

Category: ERS Supplemental Govt Sources

Description: Cal-Mortgage: Under a Memorandum of Understanding with the Cal-Mortgage Loan Insurance Division (Cal-Mortgage) of the Office of Statewide Health Planning and Development, DTSC reviews environmental documents for sites applying for their guaranteed loan insurance program for the construction, improvement and expansion of health care facilities. The loan applicants are either public entities or non-profit groups. The environmental review is done as part of the real estate due diligence process and the properties are not expected to have had hazardous substances releases.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017
Distance searched: 0.25 miles
Sites:
None Found

Cal-School-Active

EnviroStor Database School Active Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:
None Found

Cal-School-NFA

EnviroStor Database School NFA Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. These particular cases have now received a No Further Action.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:
None Found

Cal-School-Other

EnviroStor Database School Other Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:
None Found

Cal-State-Response-Active

EnviroStor Database Superfund Other Listing

Category: State/Tribal NPL

Description: This database contains a listing of State Response Active sites. These sites are 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.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 1 mile

Sites:

None Found

Cal-State-Response-NFA

EnviroStor Database State Response NFA Listing

Category: State/Tribal NPL

Description: This database contains a listing of State Response Sites. These sites are confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These particular cases have now received No Further Action.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-State-Response-Other

EnviroStor Database State Response Other Listing

Category: State/Tribal NPL

Description: This database contains a listing of State Response Sites. These sites are 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.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-Superfund-Active

BEAP

Category: State/Tribal CERCLIS Equivalent

Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where the DTSC is actively involved, either in a lead or support capacity, in the investigation and/or remediation currently in progress.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 1 mile

Sites:

None Found

Cal-Superfund-NFA

EnviroStor Database Superfund NFA Listing

Category: State/Tribal CERCLIS Equivalent

Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where the DTSC is actively involved, either in a lead or support capacity in the investigation and/or remediation currently in progress. These particular cases have now received No Further Action.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 1 mile

Sites:

None Found

Cal-Superfund-Other

EnviroStor Database Superfund Other Listing

Category: State/Tribal CERCLIS Equivalent

Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where DTSC is actively involved, either in a lead or support capacity in the investigation and/or remediation currently in progress.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 1 mile

Sites:

None Found

Cal-TierPer-CA

Tiered Permits

Category: ERS Supplemental Govt Sources

Description: This database contains facilities with a Tiered Permit reported by the California Department of Toxic and Substance Control. These facilities manage waste not regulated under RCRA, but regulated as a hazardous waste by the State of California. These facilities include, but are not limited to recyclers, oil transfer stations, and precious metals recyclers.

Agency: California Department of Toxic and Substance Control.

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.25 miles

Sites:

None Found

Cal-VCP-Active

EnviroStor Database VCP Active Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of sites with either confirmed or unconfirmed releases, and the project proponents have requested that DTSC oversee evaluation, investigation, and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-VCP-NFA

EnviroStor Database VCP NFA Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of sites where the confirmed or unconfirmed releases have been cleaned up and have been reported as receiving No Further Action.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

Cal-VCP-Other

EnviroStor Database VCP Other Listing

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of sites with either confirmed or unconfirmed releases, and the project proponents have requested that DTSC oversee evaluation, investigation, and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

MERCURY DRY CLEANERS

MapID: [13](#) Listed

CBF-CA

Considered Brownfield Sites

Category: State/Tribal ASTM Other

Description: This database contains facilities that are considered Brownfields reported by the State Water Resource Controls Board.

Agency: State Water Resource Controls Board

Phone Number: 9163237905

Date last updated: 3/10/2017

Date last checked: 2/27/2017

Distance searched: 0.5 miles

Sites:

None Found

CDL-CA

Clandestine Drug Labs

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Clandestine Drug Lab locations. This listing includes active and inactive cases, as well as, labs that need maintenance.

Agency: California Department of Toxic Substances Control

Phone Number: 9162556572

Date last updated: 5/18/2016

Date last checked: 5/11/2016

Distance searched: 0.063 miles

Sites:

None Found

CDL-US

National Clandestine Drug Lab Register

Category: ERS Supplemental Govt Sources

Description: National Clandestine Drug Lab Register. This database contains a listing of 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.

Agency: Unites States Drug Enforcement Administration

Phone Number: 2023071000

Date last updated: 1/16/2017

Date last checked: 1/9/2017

Distance searched: 0.063 miles

Sites:

None Found

CERCLIS-Archived-US

CERCLIS sites that have been archived

Category: Federal CERCLIS NFRAP

Description: The Superfund Enterprise Management System (SEMS). The reports produced by SEMS contain information on the assessment and remediation of current and archived hazardous waste sites. The archived designation means that to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates that this decision was not appropriate or other considerations require a recommendation for listing at a later time. Information provided to the previous CERCLIS Legacy System has been added to the details of the sites.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/13/2017

Date last checked: 1/10/2017

Distance searched: 0.5 miles

Sites:

MERCURY DRY CLEANER

MapID: [13](#) Listed

CERCLIS-US

Comprehensive Environmental Response, Compensation, and Liability Information System

Category: Federal CERCLIS

Description: The Superfund Enterprise Management System (SEMS). The reports produced by SEMS contain information on the assessment and remediation of current hazardous waste sites. Information provided to the previous CERCLIS Legal System has been added to the details of the sites.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/13/2017

Date last checked: 1/10/2017

Distance searched: 0.5 miles

Sites:

None Found

CERS-CA

California Environmental Reporting System (CERS)

Category: State/Tribal ASTM Other

Description: The California Environmental Reporting System (CERS) is a statewide web-based system to support California Unified Program Agencies (CUPAs) and Participating Agencies (PAs) in electronically collecting and reporting various hazardous materials-related data as mandated by the California Health and Safety Code and new 2008 legislation (AB 2286). Under oversight by Cal/EPA, CUPAs implement Unified Program mandates that streamline and provide consistent regulatory activities. The database includes the following counties:

- Amador
- Calaveras
- Contra Costa
- Fresno
- Glenn
- Humboldt
- Los Angeles
- Los Angeles – Vernon City
- Madera
- Mendocino
- Mono
- Nevada
- Orange
- San Bernardino
- Santa Clara
- Santa Cruz
- San Francisco
- San Luis Obispo
- Santa Clara
- Solano
- Sonoma
- Sutter
- Tuolumne
- Ventura

Agency: California Environmental Protection Agency

Phone Number: 9164455049

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.25 miles

Sites:

7-ELEVEN INC. STORE #14206

MapID: [2](#) Listed

ARCO 06228

MapID: [4](#) Listed

Sherwin-Williams #8625

MapID: [5](#) Listed

PINOLE CLEANERS

MapID: [11](#) Listed

WALGREENS #11614

MapID: [12](#) Listed

PINOLE VALLEY SHOPPING CENTER

MapID: [13](#) Listed

PINOLE CHEVRON

MapID: [14](#) Listed

Jack in the Box #0436

MapID: [19](#) Listed

CONOCOPHILLIPS CO #254754

MapID: [20](#) Listed

WCCUSD/PINOLE HIGH SCHOOL

MapID: [22](#) Listed

CHMIRS-CA

California Hazardous Material Incident Report System

Category: Emergency Release Reports

Description: This database contains California's Haz Mat spill notifications reported to the California Office of Emergency Service.

Agency: Governor's Office of Emergency Service

Phone Number: 9168458768

Date last updated: 12/29/2016

Date last checked: 3/17/2017

Distance searched: 0.063 miles

Sites:

None Found

CHWF-CA

Commercial Offsite Hazardous Waste Facilities

Category: ERS Supplemental Govt Sources

Description: This list contains Commercial Recycling Facilities that accept hazardous materials/waste such as: Batteries, Plastics, Oil, Lamps, Metals, Paint related waste etc. Some of the facilities listed handle more than one material. For more information on the facility go to the Facility website listed on the details section.

Agency: Department of Toxic Substance Control

Phone Number: 8777869427

Date last updated: 5/4/2016

Date last checked: 5/2/2016

Distance searched: 0.5 miles

Sites:

None Found

City-AST-CA

Underground Storage Tanks

Category: State/Tribal UST

Description: This database contains registered Aboveground Storage Tanks reported by city agencies. The following is contact information for the respective cities:

Alameda, Union City: 510-567-6704

Alameda, Hayward City: 510 583-4924

Alameda, San Leandro City: 510-577-3401

Agency: Local City Agencies

Phone Number: 7146698096

Date last updated: 1/13/2017

Date last checked: 1/19/2017

Distance searched: 0.25 miles

Sites:

None Found

City-CUPA-CA

Certified Unified Program Agency

Category: State/Tribal ASTM Other

Description: The records in this database come from city CUPA listings. The CUPA program provides oversight for the following statewide environmental programs: Hazardous Waste, Hazardous Materials Business Plan, California Release Prevention Program, UST, AST, Onsite Hazardous Waste Treatment. The following is contact information for the respective CUPA cities:

- Alameda, Union City: (510) 675-5367
- Alameda, San Leandro City: (510) 577-3401
- Alameda, Hayward City: (510) 583-4924
- Sonoma, Santa Rosa City: (707) 543-3537
- Sonoma, Healdsburg City: (707) 431-3125
- Sonoma, Petaluma City: (707) 778-4389
- Sonoma, Sebastopol City: (707) 431-3125

Agency: Local City Agencies

Phone Number: 7146698096

Date last updated: 1/13/2017

Date last checked: 1/19/2017

Distance searched: 0.25 miles

Sites:

None Found

City-Others-CA

Hazardous Material Facilities

Category: State/Tribal ASTM Other

Description: This database contains facilities reported by city agencies. Respective database/listing name is mentioned in the details section of the occurrence.

- Santa Clara – San Jose City: 408-535-7694

Agency: Local City Agencies

Phone Number: 7146698096

Date last updated: 12/2/2016

Date last checked: 11/18/2016

Distance searched: 0.25 miles

Sites:

None Found

City-UST-CA

Underground Storage Tanks

Category: State/Tribal UST

Description: This database contains registered Underground Storage Tanks reported by city agencies. The following is contact information for the respective cities:

- Alameda, Union City: 510-567-6704
- Alameda, Berkeley City: 510-567-6704

Alameda, Hayward City: 510 583-4924
Alameda, San Leandro City: 510-577-3401
Los Angeles, El Segundo City: 310-524-2242
Los Angeles, Long Beach City: 562-570-4285
Los Angeles, Torrance City: 310-618-2872
Sonoma, Santa Rosa City: 707-565-6571
Kern, Bakersfield City: 661-862-8748

Agency: Local City Agencies

Phone Number: 7146698096

Date last updated: 1/13/2017

Date last checked: 1/19/2017

Distance searched: 0.25 miles

Sites:

None Found

Coal-Ash-Dams-US

Coal Ash Contaminated Sites and Hazard Dams

Category: ERS Supplemental Govt Sources

Description: This database contains coal ash contaminated sites and hazard dams. Coal combustion waste sites have contaminated groundwater, wetlands, and rivers. The U.S. EPA rates coal ash ponds according to a National Inventory of Dams criteria that categorizes the ponds by the damage that would occur in the event of a dam failure. This database contains High Hazard and Significant Hazard dams.

Agency: EarthJustice

Phone Number: 8005846460

Date last updated: 1/6/2017

Date last checked: 1/6/2017

Distance searched: 0.5 miles

Sites:

None Found

Controls-CA

Calsites with Deed Restrictions or other Controls

Category: State/Tribal Inst/Eng Controls

Description: A deed restricted site is a property where DTSC has placed limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site. The DTSC Site Mitigation and Brownfield's 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. Not all deed restrictions are available at this time.

Agency: California Department of Toxic Substances Control

Phone Number: 9162553745

Date last updated: 3/24/2017

Date last checked: 3/13/2017

Distance searched: 0.5 miles

Sites:

None Found

Controls-RCRA-US

Federal RCRA with Controls

Category: Federal Inst/Eng Controls

Description: This database contains RCRA facilities that have Inst/Eng Controls placed on them as identified by the EPA.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/9/2017

Date last checked: 1/4/2017

Distance searched: 0.5 miles

Sites:

None Found

Controls-US

Controls List

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls and/or Institutional Controls placed on them and were identified by the Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 9/13/2016

Date last checked: 1/31/2017

Distance searched: 0.5 miles

Sites:

None Found

CORTESE-CA

Cortese Hazardous Waste & Substances Sites List

Category: State/Tribal ASTM Other

Description: The Hazardous Waste and Substances Sites (Cortese) List. These sites are active or backlogged on remediation and may also be listed on other CA databases. The specific database type was done to comply with the California Environmental Quality Act.

Agency: California Department of Toxic Substances Control

Phone Number: 8007286942

Date last updated: 3/24/2017

Date last checked: 3/13/2017

Distance searched: 0.25 miles

Sites:

None Found

County-AST-CA

Aboveground Storage Tanks

Category: State/Tribal UST

Description: This database contains registered Underground Storage Tanks reported by county agencies. The following is contact information for the respective counties:

Alameda: 510-567-6700

Amador: 209-223-6439

Butte: 530-538-7281

Contra Costa: 925-335-3200

Del Norte: 707-465-0426

Humboldt: 707-268-2204

Imperial: 760-352-0381

Inyo: 760-878-0264

Kern: 661-862-8748

Kings: 559-584-1411

Lake: 707-263-1164

Los Angeles: 626-458-5100

Marin: 415-473-7085

Merced: 209-381-1100

Mendocino: 707-234-6625

Mono: 760-924-1830

Napa: 707-253-4471

Orange: 714-433-6000

Placer: 530-745-2350

Riverside: 951 955-8980

San Bernardino: 909-386-8400

San Joaquin: 209-468-3451

San Luis Obispo: 805-781-5544

San Mateo: 650-372-6200

Santa Clara: 408-918-3400

Santa Cruz: 831-454-2022

Solano: 707-784-6765

Sonoma: 707-565-6571

Sutter: 530-822-7400

Tuolumne: 209-533-5633

Trinity: 866-348-0028

Ventura: 805-654-2815

Yolo: 530-666-8646

Yuba: 530-749-5450

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.25 miles

Sites:

None Found

County-BI-CA

Business Inventory

Category: ERS Supplemental Govt Sources

Description: This database contains Business Inventory listing reported by county agencies of California. List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks

San Mateo: 650-372-6200

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 8/14/2015

Date last checked: 9/1/2016

Distance searched: 0.25 miles

Sites:

None Found

County-Hist-CA

Historic County Listings

Category: State/Tribal ASTM Other

Description: This database contains historic databases reported by county agencies.

San Diego: 619-505-6921

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

County-LUST-CA

Leaking Underground Storage Tanks

Category: State/Tribal LUST

Description: This database contains leaking underground storage tanks reported by county agencies in California. The reporting agency has not provided the status, the case has been referred to the SWRCB, or the agency no longer updates their LUST database and has referred us to Geotracker. The following is contact information for the respective counties:

Alameda: 510-567-6700

Riverside: 951 955-8980

San Joaquin: 209-468-3451

Sonoma: 707-565-6571

Stanislaus: 209-525-6700

Ventura: 805-654-2815

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.5 miles

Sites:
None Found

County-LUST-Closed-CA

Leaking Underground Storage Tanks, Closed Cases

Category: State/Tribal LUST

Description: This database contains leaking underground storage tanks reported by county agencies in California. The following is contact information for the respective counties:

Alameda: 510-567-6700
Del Norte: 707-465-0426
Humboldt: 707-268-2212
Napa: 707-253-4471
Riverside: 951 955-8980
San Francisco: 415-252-3900
San Mateo: 650-372-6200
Santa Clara: 408-918-3400
Sonoma: 707-565-6571
Orange: 714-433-6000
San Diego: 858-505-6818
San Joaquin: 209-468-3451
Solano: 707-784-3314
Stanislaus: 209-525-6700
Tulare: 559-624-7400

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.5 miles

Sites:
None Found

County-LUST-Open-CA

Leaking Underground Storage Tanks, Open Cases

Category: State/Tribal LUST

Description: This database contains leaking underground storage tanks reported by county agencies in California. The following is contact information for the respective counties:

Alameda: 510-567-6700
Del Norte: 707-465-0426
Humboldt: 707-268-2212
Napa: 707-253-4471
Riverside: 951 955-8980
San Francisco: 415-252-3900
San Mateo: 650-372-6200
Santa Clara: 408-918-3400

Sonoma: 707-565-6571
 Orange: 714-433-6000
 San Diego: 858-505-6818
 San Joaquin: 209-468-3451
 Solano: 707-784-3314
 Stanislaus: 209-525-6700
 Tulare: 559-624-7400

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.5 miles

Sites:

None Found

County-Others-CA

Various County Files

Category: State/Tribal ASTM Other

Description: This database contains facilities reported by county agencies. Respective database/listing name is mentioned in the details section of the occurrence.

Sacramento: 916-875-8484

San Joaquin: 209-468-3420

Ventura: 805-654-2815

Solano: 707-784-6765

Napa: 707-253-4471

Alameda: 510-567-6700

Placer: 530-745-2350

Contra Costa: 925-313-6636

San Bernardino: 909-386-8401

Riverside: 951-358-7018

Orange: 714-433-6000

Los Angeles: 626-458-5100

San Diego: 858-874-7000

Shasta: 530-225-5787

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.25 miles

Sites:

7-ELEVEN INC #14206

MapID: [2](#) Listed

ARCO 06228

MapID: [4](#) Listed

SHERWIN-WILLIAMS #8625

MapID: [5](#) Listed

PINOLE VALLEY BEACON

MapID: [7](#) Listed

CREEKSIDE DRY CLEANERS

MapID: [9](#) Listed

BEACON SS #545/PINOLE

MapID: [11](#) Listed

PINOLE CLEANERS	MapID: 11	Listed
WALGREENS #11614	MapID: 12	Listed
FORMER MERCURY DRY CLEANERS	MapID: 13	Listed
MERCURY DRY CLEANERS	MapID: 13	Listed
PINOLE CHEVRON	MapID: 14	Listed
CHIPOTLE MEXICAN GRILL #1505	MapID: 16	Listed
PINOLE VALLEY SHELL	MapID: 18	Listed
JACK IN THE BOX #0436	MapID: 19	Listed
CONOCOPHILLIPS CO #254754	MapID: 20	Listed
WCCUSD/PINOLE HIGH SCHOOL	MapID: 22	Listed

County-SLIC-Closed-CA

County SLIC Sites

Category: Emergency Release Reports

Description: This database contains SLIC sites reported by county agencies. The following is contact information for the respective counties:

Alameda: 510-567-6700

Solano: 707-784-6765

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 12/22/2016

Date last checked: 12/19/2016

Distance searched: 0.25 miles

Sites:

None Found

County-SLIC-Open-CA

County SLIC Sites

Category: Emergency Release Reports

Description: This database contains SLIC sites reported by county agencies. The following is contact information for the respective counties:

Alameda: 510-567-6700

Solano: 707-784-6765

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 12/22/2016

Date last checked: 12/19/2016

Distance searched: 0.5 miles

Sites:

None Found

County-SML-CA

County Site Mitigation Unit List

Category: State/Tribal ASTM Other

Description: This database contains sites listed by the Site Mitigation Unit program at various county agencies. The following is contact information for the respective counties:

Santa Barbara: 805-346-8359

Santa Cruz: 831-454-2761

San Joaquin: 209-468-3451

Solano: 707-784-6765

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 1/13/2017

Date last checked: 1/19/2017

Distance searched: 0.5 miles

Sites:

None Found

County-SWF-CA

County Solid Waste Facilities

Category: State/Tribal Landfill/Solid Waste

Description: This database contains a listing of solid waste facilities reported by county agencies. The following is the contact information for the respective counties:

Alameda: 510-567-6790

Los Angeles: 888-253-2652

Napa: 707-253-4471

San Diego: 858-694-2801

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 1/13/2017

Date last checked: 1/19/2017

Distance searched: 0.5 miles

Sites:

None Found

County-UST-CA

Underground Storage Tanks

Category: State/Tribal UST

Description: This database contains registered Underground Storage Tanks reported by county agencies. The following is contact information for the respective counties:

Alameda: 510-567-6700

Amador: 209-223-6439

Butte: 530-538-7281

Contra Costa: 925-335-3200

Del Norte: 707-465-0426

Humboldt: 707-268-2204

Imperial: 760-352-0381

Inyo: 760-878-0264

Kern: 661-862-8748
Kings: 559-584-1411
Lake: 707-263-1164
Los Angeles: 626-458-5100
Marin: 415-473-7085
Merced: 209-381-1100
Mendocino: 707-234-6625
Mono: 760-924-1830
Napa: 707-253-4471
Orange: 714-433-6000
Placer: 530-745-2350
Riverside: 951 955-8980
San Bernardino: 909-386-8400
San Diego: 858-505-6880
San Joaquin: 209-468-3451
San Luis Obispo: 805-781-5544
San Mateo: 650-372-6200
Santa Clara: 408-918-3400
Santa Cruz: 831-454-2022
Solano: 707-784-6765
Sonoma: 707-565-6571
Sutter: 530-822-7400
Tuolumne: 209-533-5633
Trinity: 866-348-0028
Ventura: 805-654-2815
Yolo: 530-666-8646
Yuba: 530-749-5450

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.25 miles

Sites:

ARCO 06228

PINOLE VALLEY BEACON

BEACON SS #545/PINOLE

PINOLE CHEVRON

PINOLE VALLEY SHELL

CONOCOPHILLIPS CO #254754

MapID: [4](#) Listed

MapID: [7](#) Listed

MapID: [11](#) Listed

MapID: [14](#) Listed

MapID: [18](#) Listed

MapID: [20](#) Listed

CUPA-CA

Certified Unified Program Agency

Category: State/Tribal ASTM Other

Description: The records in this database come from county CUPA listings. The CUPA program provides oversight for the following statewide environmental programs: Hazardous Waste, Hazardous Materials Business Plan, California Release Prevention Program, UST, AST, Onsite Hazardous Waste Treatment. The following is contact information for the respective CUPA counties:

Alpine: 530-694-2235
Amador: 209-223-6439
Butte: 530-538-7281
Calaveras: 209-754-6399
Colusa: 530-458-0395
Del Norte: 707-465-0426
El Dorado: 530-621-5300
Fresno: 559-600-3271
Humboldt: 707-445-6215
Imperial: 760-352-0381
Inyo: 760-878-0238
King: 559-584-1411
Lake: 707-263-1164
Madera: 559-675-7823
Marin: 415-473-7085
Mendocino: 707-234-6625
Merced: 209-381-1100
Mono: 760-924-1830
Monterey: 831-755-4511
Napa: 707-253-4471
Nevada: 530-265-7134
San Bernardino: 909-386-8401
San Diego: 858-505-6880
San Luis Obispo: 805-781-5544
Santa Clara: 408-918-3400
Santa Cruz: 831-454-2022
Shasta: 530-225-5787
Solano: 707-784-3314
Sonoma: 707-565-1152
Sutter: 530-822-7400
Trinity: 866-348-0028
Tuolumne: 209-533-5633
Ventura: 805-654-2823
Yuba: 530-749-5450

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: 3/3/2017

Date last checked: 2/20/2017

Distance searched: 0.25 miles

Sites:

None Found

Dams-CA

California Dams

Category: ERS Supplemental Govt Sources

Description: This database contains dam locations in California. The data is provided by the University of Arizona Institutional Repository and has not been updated since 1996.

Agency: United States Environmental Protection Agency

Phone Number: 2022607301

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

DCF2-CA

Dry Cleaners

Category: ERS Supplemental Govt Sources

Description: This database contains dry cleaner locations reported by Reference USA GOV.

Agency: Reference USA GOV

Phone Number: 8005555211

Date last updated: 5/4/2016

Date last checked: 4/29/2016

Distance searched: 0.25 miles

Sites:

Pinole Cleaners

MapID: [11](#) Listed

Debris-US

Debris Sites

Category: Federal Solid Waste

Description: This database contains the Torres Martinez Reservation Illegal dump sites reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Deed-CA

Deed Restrictions/Land Use Restrictions

Category: State/Tribal Inst/Eng Controls

Description: This database includes sites as reported by the State Water Resource Control Board to have a deed restriction/land use restriction and or covenant.

Agency: State Water Resource Control Board

Phone Number: 9163415455

Date last updated: 3/29/2017

Date last checked: 3/22/2017

Distance searched: 0.5 miles

Sites:

None Found

Delisted-NPL-US

Delisted NPL Sites

Category: Federal Delisted NPL

Description: The Superfund Enterprise Management System (SEMS). The reports produced by SEMS contain information on the assessment and remediation of current hazardous waste sites. This database contains a listing of Delisted NPL sites. These are facilities that have been removed from the NPL list. The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/13/2017

Date last checked: 1/10/2017

Distance searched: 1 mile

Sites:

None Found

DPR-CA

Pesticide Regulation Licenses

Category: ERS Supplemental Govt Sources

Description: This database contains businesses that have been issued a Department of Regulation Pesticide license as reported by the California Department of Pesticide Regulation.

Agency: California Department of Pesticide Regulation

Phone Number: 9164454038

Date last updated: 5/18/2016

Date last checked: 5/4/2016

Distance searched: 0.25 miles

Sites:

None Found

DryCleaners-CA

Dry Cleaner Facilities

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of drycleaners reported by the California Department of Toxic Substances Control.

Agency: California Department of Toxic Substances Control

Phone Number: 8007286942

Date last updated: 4/29/2016
Date last checked: 4/19/2016
Distance searched: 0.25 miles

Sites:

PINOLE CLEANERS	MapID: 11	Listed
PINOLE CLEANERS	MapID: 11	Listed
DRYCLEAN USA	MapID: 11	Listed
PINOLE CLEANERS	MapID: 11	Listed
MERCURY DRY CLEANERS	MapID: 13	Listed
1X MERCURY DRY CLEANING	MapID: 13	Listed
PINOLE CLEANERS	MapID: 15	Listed

EGRID-US

Emissions & Generation Resource Facilities

Category: ERS Supplemental Govt Sources

Description: Emissions & Generation Resource Integrated Database (eGRID) is a comprehensive source of data on the environmental characteristics of almost all electric power generated in the United States.

Agency: United States Environmental Protection Agency

Phone Number: 2023439340

Date last updated: 1/6/2017

Date last checked: 1/6/2017

Distance searched: 0.5 miles

Sites:
None Found

ENF-CA

Enforcement Actions Data

Category: State/Tribal ASTM Other

Description: This database contains facilities that have been assigned an Enforcement Action by the California State Water Resources Control Board.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/16/2017

Date last checked: 3/8/2017

Distance searched: 0.25 miles

Sites:

ARCO # 06228	MapID: 4	Listed
BEACON	MapID: 7	Listed
Former Beacon Station	MapID: 11	Listed
CHEVRON	MapID: 14	Listed
PINOLE VALLEY SHOPPING CENTER - Former Mercury Dry Cleaners	MapID: 17	Listed
SHELL	MapID: 18	Listed
TOSCO - FACILITY #4754	MapID: 20	Listed

ENF-SMARTS-CA

Stormwater Enforcement Actions

Category: State/Tribal ASTM Other

Description: This data set lists Active and historical enforcement actions that are stored in the Storm Water Multiple Application & Report Tracking System (SMARTS). Enforcement actions are generally issued in response to one or more instances of non-compliance (violations) of a base regulatory measure; enforcement actions can be monetary or non-monetary.

Agency: State Water Resource Control Board

Phone Number: 8667924977

Date last updated: 12/12/2016

Date last checked: 3/13/2017

Distance searched: 0.25 miles

Sites:

None Found

ENF-Wastewater-CA

Wastewater Enforcement Actions

Category: State/Tribal ASTM Other

Description: This data set lists active and historical enforcement actions records that are stored in the California Integrated Water Quality System (CIWQS). Enforcement actions are generally issued in response to one or more instances of non-compliance (violations) of a base regulatory measure. Enforcement actions can be monetary or non-monetary.

Agency: State Water Resource Control Board

Phone Number: 8667924977

Date last updated: 8/12/2016

Date last checked: 3/13/2017

Distance searched: 0.25 miles

Sites:

Arco	MapID: 10	Historical
Arco	MapID: 10	Historical
Arco	MapID: 10	Historical
Arco	MapID: 10	Historical

EPA-Watch-List-US

EPA Watch List

Category: ERS Supplemental Govt Sources

Description: This database contains facilities listed on the Clean Air Act, Clean Water Act, and RCRA Watch List. These reports are now considered archived and will no longer be updated. Being on the Watch List may not mean that the facility has actually violated the law only that an evaluation or investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. The Watch List does not identify which alleged violations of environmental laws may pose the greatest risk to public health or the environment. It is an automated report based on data from the Air Facility System (AFS), which is used by federal, state and local agencies to track environmental enforcement and compliance information.

Agency: United States Environmental Protection Agency

Phone Number: 2025661667

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

ERNS-US

Emergency Response Notification System

Category: Federal ERNS

Description: The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database contains a listing of discharge locations.

Agency: National Response Center

Phone Number: 8004248802

Date last updated: 3/9/2017

Date last checked: 1/10/2017

Distance searched: 0.063 miles

Sites:

None Found

FA-HW-CA

Financial Assurance, Hazardous Waste

Category: ERS Supplemental Govt Sources

Description: This database contains Financial Assurance facilities under the Hazardous Waste program reported by the California Department of Toxic Substances Control.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 11/23/2016

Date last checked: 11/16/2016

Distance searched: 0.063 miles

Sites:

None Found

FA-HW-US**Financial Assurance, Hazardous Waste****Category:** ERS Supplemental Govt Sources**Description:** This database contains Financial Assurance facilities listed under the Hazardous Waste program as reported by the United States Environmental Protection Agency.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 1/9/2017**Date last checked:** 12/15/2016**Distance searched:** 0.063 miles**Sites:**

None Found

FA-SWF-CA**Financial Assurance, Solid Waste Facilities****Category:** ERS Supplemental Govt Sources**Description:** This database contains Financial Assurance facilities under the Solid Waste program reported by the California Department of Resources Recycling and Recovery.**Agency:** California Department of Resources Recycling and Recovery**Phone Number:** 9163416320**Date last updated:** 8/22/2016**Date last checked:** 7/25/2016**Distance searched:** 0.063 miles**Sites:**

None Found

FEMA-UST-US**FEMA Underground Storage Tanks****Category:** Federal UST**Description:** This database contains Federal Emergency Management Agency (FEMA) owned and operated underground storage tanks. The report was published in 2006.**Agency:** United States Environmental Protection Agency**Phone Number:** 7036037165**Date last updated:** Historical Database**Date last checked:** N/A**Distance searched:** 0.25 miles**Sites:**

None Found

FRS-US**Facility Registry Index (FINDS)****Category:** ERS Supplemental Govt Sources

Description: The Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest.

Agency: United States Environmental Protection Agency

Phone Number: 2022720167

Date last updated: 8/3/2015

Date last checked: 1/10/2017

Distance searched: 0.063 miles

Sites:

ARCO 06228

MapID: [4](#) Listed

FTTS-ENF-US

FIFRA/TSCA Tracking System (FTTS) Enforcement Actions

Category: Federal ASTM Other

Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

FTTS-INSP-US

FIFRA/TSCA Tracking System (FTTS) Inspections

Category: ERS Supplemental Govt Sources

Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

FUDS-US

Formerly Used Defense Sites

Category: ERS Supplemental Govt Sources

Description: The Department of Defense (DoD) is responsible for environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and under the jurisdiction of the Secretary of Defense. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. The scope and magnitude of the FUDS program are significant, with more than 9,900 properties identified for potential inclusion in the program. Information about the origin and extent of contamination, land transfer issues, past and present property ownership, and program policies must be evaluated before DoD considers a property eligible for Defense Environment Restoration Account (DERA) funding under the FUDS program. Environmental cleanup procedures at FUDS are similar to those at active DoD installations.

Agency: Department of Defense

Phone Number: 2025284285

Date last updated: 1/16/2017

Date last checked: 1/9/2017

Distance searched: 1 mile

Sites:

None Found

FUSRAP-US

Formerly Utilized Sites Remedial Action Program Sites

Category: ERS Supplemental Govt Sources

Description: The Formerly Utilized Sites Remedial Action Program (FUSRAP) was initiated in 1974 to identify, investigate and clean up or control sites through the United States that had become contaminated from the nation's early atomic weapons and energy programs during the 1940s, 1950s and 1960s. Activities were performed by the Manhattan Engineer District or under the Atomic Energy Commission, prior to the Department of Energy being formed.

Agency: Department of Energy, Office of Legacy Management

Phone Number: 2025863559

Date last updated: 3/8/2017

Date last checked: 2/23/2017

Distance searched: 0.25 miles

Sites:

None Found

Haulers-CA

Registered Waste Tire Haulers Listing

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of listing of registered waste tire haulers.

Agency: California Department of Resources Recycling and Recovery

Phone Number: 9163416422
Date last updated: 4/21/2016
Date last checked: 4/14/2016
Distance searched: 0.063 miles
Sites:
None Found

HazWaste-CA

Hazardous Waste Sites

Category: State/Tribal ASTM Other

Description: This database contains a listing of Hazardous Waste Sites tracked by DTSC. The majority of the sites are no longer in operation.

Agency: California Department of Toxic Substance Control

Phone Number: 9163233400

Date last updated: 3/16/2017

Date last checked: 3/8/2017

Distance searched: 0.25 miles

Sites:

None Found

Hist-AFS2-US

Air Facility System for Clean Air Act stationary sources

Category: ERS Supplemental Govt Sources

Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).

Agency: United States Environmental Protection Agency

Phone Number: 2025645962

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-AFS-US

Air Facility System for Clean Air Act stationary sources

Category: ERS Supplemental Govt Sources

Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).

Agency: United States Environmental Protection Agency

Phone Number: 2025645962

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Agriculture

Ranches/Farms, Livestock/Agriculture

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Ranches, Farms, Livestock, and/or Agriculture.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-AST-CA

Historical Aboveground Storage Tanks

Category: ERS Supplemental Govt Sources

Description: This database contains aboveground storage tanks. This is a historical database compiled by the State Water Resource Control Board in 1998.

Agency: State Water Resource Controls Board

Phone Number: 9162274364

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Auto Dealers

Auto and Truck Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Auto Dealers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Auto Repair**Automotive Repair**

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Repair and Tire Dealers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-AWS-CA**Annual Workplan Sites**

Category: ERS Supplemental Govt Sources

Description: This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. Annual Work Plan (AWP) sites and sites where Preliminary Endangerment Assessments are a high priority are included.

Agency: California Environmental Protection Agency, Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-CA**Previously Listed California Sites**

Category: ERS Supplemental Govt Sources

Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in. It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

7-ELEVEN INC #14206	MapID: 2	No Longer Listed
7-ELEVEN INC #14206	MapID: 2	Address Changed
7-ELEVEN INC #14206	MapID: 2	Address Changed
ARCO 06228	MapID: 4	No Longer Listed
ARCO AM/PM #06228	MapID: 4	No Longer Listed
ARCO #06228	MapID: 4	Name Changed
ARCO 06228	MapID: 4	Address Changed
ARCO 06228	MapID: 4	No Longer Listed
ARCO #06228	MapID: 4	Name Changed
ARCO 06228	MapID: 4	No Longer Listed
ARCO 06228	MapID: 4	Address Changed
ARCO 06228	MapID: 4	Address Changed
ARCO 06228	MapID: 4	Address Changed
ARCO #6228	MapID: 4	No Longer Listed
SHERWIN-WILLIAMS #8625	MapID: 5	Address Changed
SHERWIN-WILLIAMS #8625	MapID: 5	No Longer Listed
SHERWIN-WILLIAMS #8625	MapID: 5	Address Changed
YOUTHFUL TOOTH. CO.	MapID: 6	No Longer Listed
PINOLE VALLEY BEACON	MapID: 7	Address Changed
PINOLE VALLEY BEACON	MapID: 7	No Longer Listed
PINOLE VALLEY BEACON	MapID: 7	Address Changed
PINOLE VALLEY BEACON	MapID: 7	No Longer Listed
PINOLE VALLEY BEACON	MapID: 7	No Longer Listed
PINOLE VALLEY BEACON	MapID: 7	Address Changed
PINOLE VALLEY BEACON	MapID: 7	Address Changed

Hist-CalFID-CA

Facility Inventory Database

Category: ERS Supplemental Govt Sources

Description: This database lists facilities included in the Facility Inventory Database as reported by the Environmental Protection Agency, Department of Toxic Substances Control in 1998.

Agency: California Department of Toxic and Substance Control.

Phone Number: 9163233400

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

AROC FACILITY #6228	MapID: 4	Listed
PINOLE VALLEY BEACON	MapID: 7	Listed
PINOLE VALLEY BEACON	MapID: 7	Listed
1X TEXACO STN. #62-488-0293	MapID: 7	Listed
BARRY EVANS STUDIO	MapID: 8	Listed

BEACON STATION #545	MapID: 11	Listed
DRYCLEAN USA	MapID: 11	Listed
PINOLE CLEANERS	MapID: 11	Listed
1X LUCKY STORE #97/PINOLE	MapID: 12	Listed
1X SHAW'S UNOCAL 76 STATION	MapID: 20	Listed
RICHMOND UNIFIED SCHOOL DIST	MapID: 22	Listed
PINOLE VALLEY HIGH SCHOOL	MapID: 22	Listed

Hist-CALSITES-CA

Calsites Database

Category: ERS Supplemental Govt Sources

Description: The CalSites database includes both known and potential sites. Two- thirds of these sites have been classified, based on available information, as needing "No Further Action" (NFA) by the Department of Toxic Substances Control. The remaining sites are in various stages of review and remediation to determine if a problem exists at the site. Several hundred sites have been remediated and are considered certified. Some of these sites may be in long term operation and maintenance.

Agency: Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

MERCURY DRY CLEANERS MapID: [13](#) Listed

Hist-CERCLIS-NFRAP-US

CERCLIS-NFRAP

Category: ERS Supplemental Govt Sources

Description: This database contains CERCLIS sites that are classified as No Further Action Remedial Action Planned as reported in 1998.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-CERCLIS-US

CERCLIS Sites

Category: ERS Supplemental Govt Sources

Description: This database contains CERCLIS sites as reported in 1998.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Chemical Manufacturing

Manufacturing and Distribution of Chemicals, Gases, and/or Solids

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Manufacturing and Distribution of Chemicals, Gases, and/or Solids.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles

Sites:
None Found

Hist-Chemical-Storage

Chemical/Hazardous Use Storage

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes chemical storage facilities.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles

Sites:
None Found

Hist-City-UST-CA

Underground Storage Tanks

Category: ERS Supplemental Govt Sources

Description: This database contains UST listings reported by City Agencies in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.

Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: Historical Database

Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Cleaners

Laundry, Cleaners, and Dry Cleaning Services

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Laundry, Cleaners, and Dry Cleaning Services.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

STAR CLEANERS

MapID: [9](#) Listed

Pinole Cleaners

MapID: [11](#) Listed

PINOLE CLEANERS

MapID: [11](#) Listed

Hist-Controls-CA

Previous Restricted Use Sites

Category: State/Tribal Inst/Eng Controls

Description: This database contains a listing of previous (historical) restricted use sites where DTSC placed limits or requirements on future use of the property.

Agency: Department of Toxic Substances Control

Phone Number: 9162553745

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-Convenience

Convenience Store with Possible Gas

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes convenience stores with possible gas use.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

7-ELEVEN FOOD STORE

MapID: [2](#) Listed

Hist-Cort-CA

Hist Cortese list

Category: State/Tribal ASTM Other

Description: This database contains historical cortese listings reported by the California State Water Resource Control Board.

Agency: California State Water Resource Control Board.

Phone Number: 8007286942

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Deed-CA

Deed Restriction Properties

Category: ERS Supplemental Govt Sources

Description: These are voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste".

Agency: Department of Health Services-Land Use and Air Assessment

Phone Number: 9163233376

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Disposal-Recycle

Hazardous Disposal/Recycle and Dumps/Waste

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes hazardous disposal facilities.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-DTG-CA**Depth to Groundwater**

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Depth to Groundwater reported by the Los Angeles region State Water Resources Control Board.

Agency: California State Water Resources Control Board

Phone Number: 2135766600

Date last updated: 2/9/2016

Date last checked: 1/21/2016

Distance searched: 0.25 miles

Sites:

None Found

Hist-Dumps-US**Dumps Inventory of 1985**

Category: Federal Solid Waste

Description: This database contains Dumps as reported on the Inventory of Open Dumps from 1985. This report was published by the Office of Solid Waste, EPA.

Agency: Environmental Protection Agency

Phone Number: 2025660200

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-ERNS-US**Emergency Response Notification System (ERNS)**

Category: ERS Supplemental Govt Sources

Description: The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through January 1998 revealed information regarding reported spills of oil or hazardous substances in the stated area.

Agency: National Response Center

Phone Number: 8004248802

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

Hist-FIFRA-US**Case Administration Data from National Compliance Database (Federal Insecticide, Fungicide, and Rodenticide Act)****Category:** ERS Supplemental Govt Sources**Description:** This database is no longer maintained by EPA since 2006. The system tracked compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the inspector closes the case or settles any resulting enforcement action(s). EPA now has the ICS database to track this information.**Agency:** U.S. Environmental Protection Agency**Phone Number:** 2025642501**Date last updated:** Historical Database**Date last checked:** N/A**Distance searched:** 0.25 miles**Sites:**

None Found

Hist-FINDS-US**Facility Index System****Category:** ERS Supplemental Govt Sources**Description:** The Facility Index System (FINDS) is a compilation of any property or site which the EPA has investigated, reviewed or been made aware of in connection with its various regulatory programs. The data is from 1998.**Agency:** United States Environmental Protection Agency**Phone Number:** 2022720167**Date last updated:** Historical Database**Date last checked:** N/A**Distance searched:** 0.063 miles**Sites:**

None Found

Hist-Food-Processors**Food Processing Manufacturers****Category:** ERS Exclusive Historic Sources**Description:** ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes food processors.**Agency:** Environmental Record Search (ERS)**Phone Number:** 8003772430**Date last updated:** Historical Database**Date last checked:** N/A**Distance searched:** 0.063 miles

Sites:
None Found

Hist-Gun-Ranges

Gun Ranges/Clubs

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes gun ranges/clubs.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:
None Found

Hist-HWS-CA

Cortese List-Hazardous Waste Substance Site List

Category: ERS Supplemental Govt Sources

Description: This database (CORTESE) is based on input from the following: (1)CALSTATES-Department of

Toxic Substances Control, Abandoned Sites Program Information Systems; (2)SARA Title III Section III Toxic Chemicals Release Inventory for 1987, 1988, 1989, and 1990; (3)FINDS; (4)HWIS-Department of Toxic Substances Control, Hazardous Waste Information System. Vista has not included one time generator facilities from Cortese in our database.; (5)SWRCB-State Water Resources Control Board;(6)SWIS-Integrated Waste Management Control Board (solid waste facilities); (7)AGT25-Air Resources

Board, dischargers of greater than 25 tons of criteria pollutants to the air; (8)A1025-Air Resources Board, dischargers of greater than 10 and less than 25 tons of criteria pollutants to the air;(9)LTANK-SWRCB Leaking Underground Storage Tanks; (10)UTANK-SWRCB Underground tanks reported to the SWEEPS systems; (11)IUR-Inventory Update Rule (Chemical Manufacturers);

(12)WB-LF- Waste Board - Leaking Facility, site has known migration; (13)WDSE-Waste Discharge System - Enforcement Action; (14)DTSCD-Department of Toxic Substance Control Docket.

Agency: Office of Environmental Protection, Office of Hazardous Material

Phone Number: 9164456532

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:
ARCO
CHEVRON
UNOCAL

MapID: [3](#) Listed

MapID: [14](#) Listed

MapID: [20](#) Listed

Hist-LUSTIS-CA

Lust Information System (LUSTIS)

Category: ERS Supplemental Govt Sources

Description: This database contains sites reported on the Lust Information System in 1998.

Agency: California Environmental Protection Agency

Phone Number: 9164456532

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

ARCO	MapID: 4	Listed
VILLAGE PROPERTIES	MapID: 11	Listed
CHEVRON	MapID: 14	Listed
SHELL	MapID: 18	Listed
UNOCAL	MapID: 20	Listed

Hist-Machine Shop

Machine Shops, Welding, Machine Repair

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Machine shops, welding shops and machine repair.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Manufacturing

Historic Sources US: Manufacturing

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes manufacturing sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Metal Plating

Metal Plating

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes metal plating sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Mining

Mining Operations

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Mining facilities.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

HIST-MLTS-US

Material Licensing Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission. In late 2012, the agency changed from MLTS to WBL system and no longer keep track of certain information that was available in the old MLTS system.

Agency: U.S. Nuclear Regulatory Commission

Phone Number: 3014157169

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Mortuaries

Crematories/Mortuaries

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Mortuaries and Crematories.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

HIST-MTBE-CA

Historical Sites With MTBE (Methyl Tertiary-Butyl Ether) Contamination

Category: ERS Supplemental Govt Sources

Description: This database contains Historical Sites With MTBE (Methyl Tertiary-Butyl Ether) Contamination reported by the California Regional Water Quality Control Boards.

Agency: California Environmental Protection Agency-California Regional Water Quality Control Boards

Phone Number: 9163415254

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

ARCO # 06228

MapID: [4](#) Listed

BEACON

MapID: [7](#) Listed

VILLAGE PROPERTIES

MapID: [11](#) Listed

CHEVRON

MapID: [14](#) Listed

SHELL

MapID: [18](#) Listed

TOSCO - FACILITY #4754

MapID: [20](#) Listed

Hist-NPL-US

National Priority List

Category: ERS Supplemental Govt Sources

Description: This database contains NPL sites as reported in 1998.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Oil-Gas

Oil and Gas Well Related Facilities

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Oil and Gas Well related facilities.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-OilGas-Refiners

Oil/Gas Refiners/Manufacturers/Plants

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Oil and Gas Refiners and/or plants.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Orange-County-LF-CA

Orange County Landfills

Category: ERS Supplemental Govt Sources

Description: This database contains county landfills reported in 1998.

Agency: Orange County Health Care Agency

Phone Number: 7148343446

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Historical-CA

Historical Sites

Category: ERS Supplemental Govt Sources

Description: Identifies sites from an older database where no site type was identified. Most of these sites have a status of Referred or No Further Action. DTSC is working to clean-up this data by identifying an appropriate site type for each "Historic" site.

Agency: California Department of Toxic Substance Control

Phone Number: 8777869427

Date last updated: 2/9/2016

Date last checked: 3/28/2017

Distance searched: 0.5 miles

Sites:

None Found

Hist-Other

Environmental Facilities

Category: ERS Exclusive Historic Sources

Description: City Directory data of listings that fall under the categories of Lumber, Machinery dealers, and machnists.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Paint-Stores

Paint Stores

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes paint stores.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Petroleum

Petroleum Refining/ Manufacturing/ Chemicals

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Petroleum Refining, Manufacturing, and/or processing Chemicals.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Post-Offices

Post Offices

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes post offices.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Printers

Printers and Publishers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Printers and Publishers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Prop65-CA

Historical Prop 65 Sites

Category: ERS Supplemental Govt Sources

Description: This database contains historical sites that have a Prop 65 form on their file as reported by the Ventura County Environmental Health.

Agency: Ventura County Environmental Health

Phone Number: 8056542815

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

HIST-R4-CA

Historical sites

Category: State/Tribal ASTM Other

Description: This database contains a listing of Historical sites in Los Angeles Region reported by Los Angeles Regional Water Quality Control Board.

Agency: Los Angeles Regional Water Quality Control Board

Phone Number: 2135766725

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-RCRIS-US

EPA's Resource Conservation and Recovery Act

Category: ERS Supplemental Govt Sources

Description: This database contains RCRA facilities as reported by the EPA in 1998. It includes, small, large, and conditionally exempt generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Regional-LUST-CA

Leaking Underground Storage Tanks

Category: ERS Supplemental Govt Sources

Description: This database contains LUST listings reported by Regional Districts of the Water Quality Control Board in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.

Agency: Regional Water Quality Control Board

Phone Number: 9163415808

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Regional-Other-CA

Toxic Lists, Site Mitigation, and Groundwater Cleanup Program

Category: ERS Supplemental Govt Sources

Description: This database contains environmental listings reported by County Offices in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.

Agency: Local County Agencies

Phone Number: 7146698096

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Regional-SLIC-CA

List of Spills and Leak Sites

Category: ERS Supplemental Govt Sources

Description: This database contains SLIC listings reported by Regional Districts of the Water Quality Control Board in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.

Agency: Regional Water Quality Control Board

Phone Number: 9163415808

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

ARCO	MapID: 4	Listed
VILLAGE PROPERTIES	MapID: 11	Listed
MERCURY DRY CLEANERS	MapID: 13	Listed
CHEVRON	MapID: 14	Listed
PINOLE VALLEY SHOPPING CENTER	MapID: 17	Listed
SHELL	MapID: 18	Listed
UNOCAL	MapID: 20	Listed

Hist-Regional-Spills-CA

Industrial Cleanup Sites

Category: ERS Supplemental Govt Sources

Description: This database contains the industrial cleanup sites reported in 1998 by the Orange County Health Care Agency.

Agency: Orange County Health Care Agency

Phone Number: 7148343446

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Regional-SWLF-CA

County Landfills and Transfer Stations

Category: ERS Supplemental Govt Sources

Description: This database contains county landfills and transfer stations as reported in 1998 by the Public Health Investigations, Hazardous Material Control Program.

Agency: Public Health Investigations, Hazardous Material Control Program

Phone Number: 2138814151

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Regional-UST-CA

Underground Storage Tanks

Category: ERS Supplemental Govt Sources

Description: This database contains UST listings reported by Regional Districts of the Water Quality Control Board in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.

Agency: Regional Water Quality Control Board

Phone Number: 9163415808

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Rental

Rental Equipment & Yards

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes rental equipment facilities and yards.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-RV-Dealers

Trailer and Recreational Vehicle Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trailer and Recreational Vehicle Dealers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Salvage

Vehicle Salvage Yards or Wreckers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Salvage Yards or Wreckers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-SCL-CA

California Cerclis Sites

Category: ERS Supplemental Govt Sources

Description: This database contains California CERCLIS sites as reported in 1998.

Agency: U.S. Environmental Protection Agency, Region 9

Phone Number: 4159478000

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:
None Found

Hist-Service Stations

Service Stations/Vehicle Fueling

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Service Stations/Vehicle Fueling Stations.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

ARCO	MapID: 3	Listed
ARCO AM/PM #06228	MapID: 4	Listed
Pinole Valley Arco Car Wash	MapID: 4	Listed
PINOLE VALLEY ARCO CAR WASH	MapID: 4	Listed
PINOLE VALLEY BEACON	MapID: 7	Listed
KEN BETTS CHEVRON	MapID: 14	Listed
KEN BETTS PINOLE CHEVRON	MapID: 14	Listed
PINOLE CHEVRON	MapID: 14	Listed
Bedrock Oil Pinole Chevron	MapID: 14	Listed
PINOLE VALLEY SHELL	MapID: 18	Listed
UNION #4754	MapID: 20	Listed

Hist-Steel-Metals

Steel Mills/Manufacturers/Foundries/Smelters

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes steel metal manufacturers, foundries, and smelters.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-SWF-CA

Previous listed Solid Waste Facilities

Category: State/Tribal Landfill/Solid Waste

Description: This database contains a listing of previous listed active sites that may no longer be active as reported by the California Department of Toxic and Substance Control.

Agency: California Department of Toxic and Substance Control

Phone Number: 9163233400

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-SWIS-CA

Solid Waste Information System (SWIS)

Category: ERS Supplemental Govt Sources

Description: The California Solid Waste Information System (SWIS) database consists solid waste disposal facilities and transfer stations. This database is from 1998.

Agency: Integrated Waste Management Board

Phone Number: 9162554021

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Textile

Textile Mills/Manufacturers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes textile mill manufacturers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-ToxicPits-CA

Toxic Pits Cleanup Facilities

Category: ERS Supplemental Govt Sources

Description: This database contains toxic pit sites reported in 1998.

Agency: Water Quality Control Board, Division of Loans Grants

Phone Number: 9162274396

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Transportation

Transportation Facilities

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Airports and other facilities that may handle hazardous materials and petroleum products.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-TRIS-US

Toxic Release Inventory System

Category: ERS Supplemental Govt Sources

Description: This database contains facilities who report to the Toxic Release Inventory System as required by the EPA. This reporting is from 1998.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Trucking

Trucking, Shipping, Delivery, and/or Storage

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trucking, Shipping, and/or Delivery Storage.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:
None Found

Hist-US

Previously Listed Federal Sites

Category: ERS Supplemental Govt Sources

Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in. It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:
None Found

Hist-US-EC

Engineering Controls Sites List

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:
None Found

Hist-USGS-WaterWells-CA

Ground Water Site Inventory for California

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations in California.

Agency: United States Geological Survey, Water Resources Program

Phone Number: 9162783000

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:
None Found

Hist-US-IC

Sites with Institutional Controls

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Institutional Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:
None Found

Hist-UST-CA

Historical Underground Storage Tanks

Category: State/Tribal UST

Description: The California State Water Resources Control Board maintained the Hazardous Substances Storage Container Information on file. This is a database that is considered historical by RWQCB as historical and no longer updated.

Agency: California State Water Resources Control Board

Phone Number: 9163415851

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:	
VINCENT SIEBERN	MapID: 4 Listed
TEXACO	MapID: 7 Listed
PINOLE VALLEY TEXACO	MapID: 7 Listed
BEACON STATION 545	MapID: 11 Listed
96014	MapID: 14 Listed
PINOLE CLAUHEY SHELL SERVICE	MapID: 18 Listed
UNION OIL SS4754	MapID: 20 Listed
UNION OIL SS 4754	MapID: 20 Listed

Hist-USTReg-CA

Underground Storage Tank Registrations Database

Category: ERS Supplemental Govt Sources

Description: This database contains UST facilities listed on the Registrations Database from 1998.

Agency: State Water Resources Control Board

Phone Number: 9162274337
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles

Sites:

ARCO FACILITY #6228	MapID: 3	Listed
PINOLE VALLEY BEACON	MapID: 7	Listed
BEACON STATION #545	MapID: 11	Listed
CHEVRON #4014	MapID: 14	Listed
PINOLE VALLEY SHELL	MapID: 18	Listed
UNOCAL SERVICE STATION #4754	MapID: 20	Listed

Hist-Vehicle-Parts

Vehicle Parts

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Vehicle Parts Dealers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-Vehicle-Washing

Vehicle/Truck Washing Facilities

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes vehicle washing facilities.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-WaterWells-US

Public Community Water Supply/Well Head Protection Database

Category: ERS Supplemental Govt Sources

Description: This database contains the public community water supply wells as reported by the Geological Survey in 1998.

Agency: Geological Survey

Phone Number: 6092921185

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

Hist-WIP-Active-CA

Well Investigation Program Case List, Active Sites

Category: State/Tribal ASTM Other

Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The Well Investigation Program tracks these sites. These records are active and also on the California SLIC database. This database is no longer updated.

Agency: Los Angeles Regional Water Quality Control Board

Phone Number: 2135766725

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-WIP-Backlog-CA

Well Investigation Program Case List, Backlog Sites

Category: State/Tribal ASTM Other

Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The records on this database have not been currently assigned to a staff member and/or has very low priority in terms of contamination. This database is no longer updated.

Agency: Los Angeles Regional Water Quality Control Board

Phone Number: 2135766725

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-WIP-Historical-CA

Well Investigation Program Case List, Historical Sites

Category: State/Tribal ASTM Other

Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The records in this database have received a No Further Action Letter. This database is no longer updated.

Agency: Los Angeles Regional Water Quality Control Board

Phone Number: 2135766725

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-WMUDS-CA

Waste Management Unit Database System

Category: ERS Supplemental Govt Sources

Description: This database from 1998 contains information from: Facility, Waste Management Unit, SWAT Program and Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA and RCRA Program Information, Closure Information; also some information from the WDS (Waste Discharge System).

Agency: State Water Resources Control Board

Phone Number: 9168920323

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

HMIS-US

Hazardous Materials Information System

Category: Federal Emergency Release Reports

Description: Data includes spills, releases, or other incidents involving hazardous materials in commerce during the course of transportation. All modes of transportation are included except pipeline and bulk marine transportation. Data represent a census of all incidents reportable to the U.S. Department of Transportation This database contains a listing of spills. (DOT). U.S. federal regulations require all spills meeting the following criteria to be reported, in writing, to DOT's Office of Hazardous Materials Safety.

Agency: US Department of Transportation Pipeline and Hazardous Materials Safety Administration

Phone Number: 2023664433

Date last updated: 1/23/2017

Date last checked: 1/4/2017

Distance searched: 0.063 miles

Sites:

None Found

HWIS-CA

Hazardous Waste Information Summary

Category: State/Tribal RCRA Equivalent

Description: The Hazardous Waste Summary Report (formerly the Tanner Report) is prepared from data extracted from the copies of hazardous waste manifests received each year by DTSC. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments. This database contains a listing of facilities extracted from the data.

Agency: California Department of Toxic Substances Control

Phone Number: 9162553745

Date last updated: 3/8/2017

Date last checked: 3/8/2017

Distance searched: 0.063 miles

Sites:

ARCO PRODUCTS COMPANY	MapID: 4	Listed
BP WEST COAST PRODUCTS LLC 06228	MapID: 4	Listed
PINOLE VALLEY ARCO	MapID: 4	Listed
SHERWIN WILLIAMS #8625	MapID: 5	Listed
GENTLE DENTAL	MapID: 6	Listed
PINOLE VALLEY BEACON	MapID: 7	Listed
BARRY EVANS STUDIO	MapID: 8	Listed

HWT-CA

Hazardous Waste Transporters

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Registered Hazardous Waste Transporters in California defined by the Department of Toxic Substance Control. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number. The database current active, inactive, and closed facilities.

Agency: California Department of Toxic of Substance Control

Phone Number: 9164407145

Date last updated: 5/19/2016

Date last checked: 5/12/2016

Distance searched: 0.25 miles

Sites:

None Found

ICE-CA

Inspection, Compliance, and Enforcement

Category: State/Tribal ASTM Other

Description: This database contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/16/2017

Date last checked: 3/8/2017

Distance searched: 0.25 miles

Sites:
None Found

ICIS-Air-US

Integrated Compliance Information System for Air

Category: ERS Supplemental Govt Sources

Description: The Integrated Compliance Information System for Air (ICIS-Air) data exchange allows all State, Local, and Tribal Air agencies providing air stationary source enforcement and compliance data to submit their data to EPA via the Exchange Network.

Agency: United States Environmental Protection Agency

Phone Number: 2025645962

Date last updated: 2/3/2017

Date last checked: 12/20/2016

Distance searched: 0.063 miles

Sites:
None Found

ICIS-FEC-US

Integrated Compliance Information System for Federal Enforcement Data

Category: ERS Supplemental Govt Sources

Description: The Integrated Compliance Information System (ICIS) tracks all formal administrative and judicial enforcement actions taken by the U.S. EPA and is used as the system of record to provide official enforcement data.

Agency: United States Environmental Protection Agency

Phone Number: 2025646962

Date last updated: 2/3/2017

Date last checked: 1/17/2017

Distance searched: 0.063 miles

Sites:
None Found

ICIS-NPDES-US

National Pollutant Discharge Elimination System (NPDES)

Category: ERS Supplemental Govt Sources

Description: The National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database contains a listing of permit holders.

Agency: United States Environmental Protection Agency

Phone Number: 2022720167

Date last updated: 5/5/2016

Date last checked: 4/7/2016

Distance searched: 0.063 miles

Sites:
None Found

LA-LF-CA

Los Angeles County Landfills

Category: State/Tribal Solid Waste

Description: This database contains the property boundaries of Los Angeles county landfills and solid waste sites.

Agency: Department of Public Works

Phone Number: 8882532652

Date last updated: 3/13/2017

Date last checked: 3/13/2017

Distance searched: 1 mile

Sites:

None Found

Land-Disposal-CA

Land Disposal-Landfill

Category: State/Tribal Landfill/Solid Waste

Description: This database contains a listing of Land Disposal Sites managed by RWQCB. Cleanup status is included on data.

Agency: California Regional Water Quality Control Board

Phone Number: 9163415455

Date last updated: 3/16/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

LA-Waste-Haulers-CA

Waste Haulers

Category: ERS Supplemental Govt Sources

Description: This database contains waste haulers as reported by the Los Angeles Department of Public Works.

Agency: Department of Public Works

Phone Number: 8882532652

Date last updated: 5/20/2016

Date last checked: 5/11/2016

Distance searched: 0.063 miles

Sites:

None Found

Lead-Smelter-2-US

Lead Smelter Sites

Category: ERS Supplemental Govt Sources

Description: This database contains 464 sites that were reported as potential lead smelters sites in research conducted by the EPA Superfund Program and other sources. The sites are listed on the 2007 published report by the EPA Superfund Program.

Agency: United States Environmental Protection Agency

Phone Number: 7034129810

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Lead-US

Lead Smelter Sites

Category: ERS Supplemental Govt Sources

Description: This database contains lead smelter sites reported by the Environmental Protection Agency. This database is provided by the Superfund Enterprise Management System (SEMS).

Agency: United States Environmental Protection Agency

Phone Number: 2025645962

Date last updated: 1/13/2017

Date last checked: 1/10/2017

Distance searched: 0.25 miles

Sites:

None Found

Liens-CA

California Liens

Category: State/Tribal Inst/Eng Controls

Description: This database identifies sites that have liens reported by the California Department of Toxic and Substance Control.

Agency: California Department of Toxic and Substance Control.

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/10/2017

Distance searched: 0.063 miles

Sites:

None Found

LIENS-US

Federal LIEN Sites

Category: Federal Inst/Eng Controls

Description: This database contains sites that have had Federal Liens filed on them as reported by the EPA.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 12/20/2016
Date last checked: 12/20/2016
Distance searched: 0.063 miles
Sites:
 None Found

LMOP-US

Landfill Methane Outreach Program

Category: ERS Supplemental Govt Sources

Description: The U.S. Environmental Protection Agency's Landfill Methane Outreach Program (LMOP) is a voluntary assistance program that helps to reduce methane emissions from landfills by encouraging the recovery and beneficial use of landfill gas (LFG) as a renewable energy resource.

Agency: Environmental Protection Agency

Phone Number: 2025647873

Date last updated: 8/12/2016

Date last checked: 7/19/2016

Distance searched: 0.5 miles

Sites:
 None Found

LUST-Closed-CA

Leaking Underground Storage Tanks, Closed Cases

Category: State/Tribal LUST

Description: The California State Water Resources Control Board's Underground Storage Tank Program keeps a list of all underground storage tanks which have been reported as having had a release. This subset of sites are those that have received closure and now have a status of Case Closed. This database contains a listing of these facilities.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/20/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:	
BEACON	MapID: 7 Completed - Case Closed
Former Beacon Station	MapID: 11 Completed - Case Closed
CHEVRON	MapID: 14 Completed - Case Closed
SHELL	MapID: 18 Completed - Case Closed
TOSCO - FACILITY #4754	MapID: 20 Completed - Case Closed

LUST-Open-CA

Leaking Underground Storage Tanks, Open Cases

Category: State/Tribal LUST

Description: The California State Water Resources Control Board's Underground Storage Tank Program keeps a list of all underground storage tanks which have been reported as having had a release. This subset of sites are those that have not yet been cleaned up and now have a status of Case Open.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/20/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

ARCO # 06228

MapID: [4](#) Open - Remediation

Manifest2-RI

Hazardous Waste Manifest

Category: State/Tribal RCRA Equivalent

Description: The Rhode Island Department of Environmental Management, Hazardous Waste Manifest System lists sites from all over the country, not just Rhode Island. To be thorough, ERS has searched the data subset that may includes listings on or near the subject site that are listed in the Rhode Island Department of Environmental Management, Hazardous Waste Manifest System.

Agency: Rhode Island Department of Environmental Management

Phone Number: 4012222797

Date last updated: 2/19/2016

Date last checked: 2/19/2016

Distance searched: 0.063 miles

Sites:

None Found

MethaneLF-CA

Methane Producing Landfills

Category: State/Tribal Other

Description: This database represents known disposal sites in Los Angeles County that may produce and emanate methane gas. The database contains disposal sites within Los Angeles County that once accepted degradable refuse material.

Agency: Los Angeles County GIS Portal

Phone Number: 6264585189

Date last updated: 3/15/2017

Date last checked: 3/15/2017

Distance searched: 1 mile

Sites:

None Found

Military-Bases-US

Military Base Boundaries

Category: ERS Supplemental Govt Sources

Description: United States Military Installations is a polygon theme representing the boundaries and location information for important military installations in the United States and Puerto Rico. The database includes records for 405 military installations.

Agency: Research and Innovative Technology Administration's Bureau of Transportation Statistics

Phone Number: 2023663828

Date last updated: 8/9/2016

Date last checked: 7/22/2016

Distance searched: 1 mile

Sites:

None Found

Mines2-CA

California Mines

Category: ERS Supplemental Govt Sources

Description: This database contains Mines reported by the California Department of Conservation. These include, active, closed, exempt, newly permitted, and idle.

Agency: California Department of Conservation

Phone Number: 9163239198

Date last updated: 3/31/2017

Date last checked: 3/27/2017

Distance searched: 0.063 miles

Sites:

None Found

Mines-CA

Death Valley Mines

Category: ERS Supplemental Govt Sources

Description: This database contains death valley mines as reported by the California Department of Conservation.

Agency: California Department of Conservation

Phone Number: 9163239198

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

MINES-US

Mines Master Index File

Category: ERS Supplemental Govt Sources

Description: The Master Index file contains mine identification numbers issued for mines active or opened since 1971.

Agency: United States Department of Labor

Phone Number: 8777786055

Date last updated: 2/3/2017
Date last checked: 1/9/2017
Distance searched: 0.063 miles
Sites:
None Found

MLTS-US

Material Licensing Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission.

Agency: U.S. Nuclear Regulatory Commission

Phone Number: 3014157169

Date last updated: 3/2/2017

Date last checked: 3/2/2017

Distance searched: 0.063 miles

Sites:
None Found

MRDS-US

Mineral Resources Data System (MRDS)

Category: ERS Supplemental Govt Sources

Description: MRDS is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references.

Agency: U.S. Geologic Survey

Phone Number: 8882758747

Date last updated: 4/28/2016

Date last checked: 2/26/2016

Distance searched: 0.25 miles

Sites:
None Found

MWMP-CA

Medical Waste Management Program

Category: ERS Supplemental Govt Sources

Description: This database contains permitted transfer and treatment facilities reported by the California Department of Public Health.

Agency: California Department of Public Health

Phone Number: 9164495671

Date last updated: 12/8/2016

Date last checked: 12/1/2016

Distance searched: 0.25 miles

Sites:

None Found

NEI-LF-CA

NEI (National Emission Inventory) Landfill Point Sources

Category: ERS Supplemental Govt Sources

Description: This database contains National Emission Inventory Landfill Point Sources reported by the California Air Resources Board. ARB reported this data to the NEI back in 1999.

Agency: California Air Resources Board

Phone Number: 9163222990

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

NPDES-CA

National Pollutant Discharge Elimination System

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of National Pollutant Discharge Elimination System (NPDES) permits registered through the California EPA.

Agency: California Environmental Protection Agency

Phone Number: 8665633107

Date last updated: 12/16/2016

Date last checked: 12/6/2016

Distance searched: 0.063 miles

Sites:

None Found

NPDES-SW-CA

Notice of Intent Data

Category: ERS Supplemental Govt Sources

Description: This database contains dischargers that have submitted Notice of Intent (NOIs) as reported by the California State Water Resources Control Board.

Agency: California State Water Resources Control Board

Phone Number: 8665633107

Date last updated: 12/16/2016

Date last checked: 12/6/2016

Distance searched: 0.063 miles

Sites:

None Found

NPL-R9-US

NPL Region 9 Site Boundaries

Category: Federal NPL

Description: This database contains the boundaries of the NPL sites within the specified EPA region.

Agency: Environmental Protection Agency

Phone Number: 4159478000

Date last updated: 12/27/2016

Date last checked: 12/27/2016

Distance searched: 1 mile

Sites:

None Found

NPL-US

National Priorities List

Category: Federal NPL

Description: The National Priorities List is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. This database contains a listing of NPL sites.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/13/2017

Date last checked: 1/10/2017

Distance searched: 1 mile

Sites:

None Found

OGM-CA

Oil and Gas Monitoring

Category: ERS Supplemental Govt Sources

Description: This database includes Oil and Gas Monitoring wells reported by the California State Water Resource Control Board.

Agency: California State Water Resource Control Board

Phone Number: 8665633107

Date last updated: 6/6/2016

Date last checked: 5/3/2016

Distance searched: 0.063 miles

Sites:

None Found

OGW-CA

California Oil and Gas Wells

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Oil and Gas Wells maintained by the Department of Conservation.

Agency: California Department of Conservation

Phone Number: 9163231779
Date last updated: 2/12/2016
Date last checked: 3/29/2017
Distance searched: 0.063 miles
Sites:
None Found

OSCF-CA

Orphan Site Cleanup Fund

Category: ERS Supplemental Govt Sources

Description: This database contains sites listed under the Orphan Site Cleanup Fund. OSCF is a financial assistance program within the Division of Financial Assistance. OSCF was established to provide financial assistance to eligible applicants for the cleanup of brownfields sites contaminated by leaking petroleum underground storage tanks where there is no financially responsible party.

Agency: California State Water Resource Control Board

Phone Number: 9163415760

Date last updated: 11/23/2016

Date last checked: 11/16/2016

Distance searched: 0.5 miles

Sites:

None Found

PADS-US

PCB Registration Database System

Category: Federal ASTM Other

Description: This database contains a listing of generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Agency: United States Environmental Protection Agency

Phone Number: 2025660500

Date last updated: 3/10/2017

Date last checked: 3/10/2017

Distance searched: 0.063 miles

Sites:

None Found

PCB-US

PCB Transformers

Category: Federal ASTM Other

Description: PCB Transformer Registration Database. This database indicates the best known current status of registered PCB transformers

Agency: United States Environmental Protection Agency

Phone Number: 7033088404

Date last updated: 1/6/2017

Date last checked: 1/6/2017

Distance searched: 0.25 miles

Sites:

None Found

PCS-US

Permit Compliance System for Clean Water Act

Category: ERS Supplemental Govt Sources

Description: PCS is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. PCS is designed to support the NPDES program at the state, regional, and national levels.

Agency: United States Environmental Protection Agency

Phone Number: 2025640221

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Perch1-CA

Perchlorate Confirmed Contaminant Sites

Category: ERS Supplemental Govt Sources

Description: This database contains sites with perchlorate contamination as reported by the State Water Resource Control Board.

Agency: State Water Resource Control Board

Phone Number: 9517824902

Date last updated: 5/18/2016

Date last checked: 5/3/2016

Distance searched: 0.25 miles

Sites:

None Found

Perch2-CA

Perchlorate Confirmed Contaminant Sites

Category: ERS Supplemental Govt Sources

Description: This database contains sites with perchlorate contamination as reported by the State Water Resource Control Board.

Agency: State Water Resource Control Board

Phone Number: 9517824902

Date last updated: 5/18/2016

Date last checked: 5/3/2016

Distance searched: 0.25 miles

Sites:

None Found

PR-MOA-CA

Polanco Redevelopment

Category: State/Tribal ASTM Other

Description: This database contains the Polanco Redevelopment MOA sites reported by the Department of Toxic Substances Control.

Agency: California Department of Toxic Substances Control

Phone Number: 9162553586

Date last updated: 3/24/2017

Date last checked: 3/10/2017

Distance searched: 0.25 miles

Sites:

None Found

Proposed-NPL-US

Proposed NPL Sites

Category: Federal NPL

Description: The EPA provides information on the assessment and remediation of current hazardous waste sites. The site in this database have been proposed for the NPL list.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/13/2017

Date last checked: 1/10/2017

Distance searched: 1 mile

Sites:

None Found

RADINFO-US

Radiation Information Database

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of facilities that are regulated by the US EPA regulations for radiation and radioactivity.

Agency: United States Environmental Protection Agency

Phone Number: 2023439775

Date last updated: 1/6/2017

Date last checked: 1/6/2017

Distance searched: 0.063 miles

Sites:

None Found

RCRA-CESQG-US

Resource Conservation and Recovery Act, Conditionally Exempt Small Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Conditionally Exempt Small Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/20/2017

Date last checked: 2/1/2017

Distance searched: 0.25 miles

Sites:

WALGREENS #11614

MapID: [12](#) Listed

RCRA-COR-US

Resource Conservation and Recovery Act - Corrective Actions

Category: Federal RCRA CORRACTS

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.

EPA estimates that between 50 and 70 percent of all TSDFs have some degree of environmental contamination requiring detailed investigation and perhaps cleanup. Under a program entitled Corrective Action, EPA has the statutory authority to require permitted and interim status TSDFs to clean up hazardous waste contamination. This database contains a listing of sites that have had corrective action.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/20/2017

Date last checked: 2/1/2017

Distance searched: 1 mile

Sites:

None Found

RCRA-LQG-US

Resource Conservation and Recovery Act, Large Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Large Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/20/2017

Date last checked: 2/1/2017

Distance searched: 0.25 miles

Sites:

PINOLE VALLEY HIGH SCHOOL

MapID: [22](#) Listed

RCRA-NON-US

Resource Conservation and Recovery Act

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of RCRA Non-Hazardous generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/20/2017

Date last checked: 2/1/2017

Distance searched: 0.25 miles

Sites:

None Found

RCRA-SQG-US

Resource Conservation and Recovery Act, Small Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Small Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/20/2017

Date last checked: 2/1/2017

Distance searched: 0.25 miles

Sites:

PINOLE CLEANERS	MapID: 11	Listed
PINOLE VALLEY SHOPPING CENTER	MapID: 13	Listed
CHEVRON STATION NO 94014	MapID: 14	Listed
SHELL OIL CO	MapID: 18	Listed
CONOCOPHILLIPS SITE #254754	MapID: 20	Listed

RCRA-TSD-US

Resource Conservation and Recovery Act - Treatment, Storage, and Disposal sites

Category: Federal RCRA non-CORRACTS TSD

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.

This database contains a listing of Treatment, Storage and Disposal Facilities - Facilities that receive hazardous waste from generators or other facilities for treatment, storage or disposal of waste are known as TSDFs.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/20/2017

Date last checked: 2/1/2017

Distance searched: 0.5 miles

Sites:

None Found

Response-CA

State Response Sites

Category: State/Tribal NPL

Description: This database identifies confirmed release sites where DTSC is involved in remediation, either in a lead role or oversight capacity.

Agency: California Department of Toxic Substances Control

Phone Number: 9163233400

Date last updated: 3/24/2017

Date last checked: 3/10/2017

Distance searched: 1 mile

Sites:

None Found

RFG-Lab-US

Reformulated Gasoline (RFG)

Category: ERS Supplemental Govt Sources

Description: This database includes the list of registered Reformulated Gasoline Laboratories.

Agency: Environmental Protection Agency, United States

Phone Number: 2023439303

Date last updated: 1/13/2017

Date last checked: 1/6/2017

Distance searched: 0.25 miles

Sites:

None Found

RMP-US

Risk Management Plans

Category: ERS Supplemental Govt Sources

Description: This database contains facilities that have developed risk management plans as reported by the Environmental Protection Agency. The System for Risk Management Plans (SRMP) is a suite of electronic systems containing information relating to risk management plans submitted by facilities in accordance with the Clean Air Act, Section 112(r). Affected facilities are to develop risk management programs which will prevent and minimize consequences of accidental releases of certain hazardous chemicals that could harm public health and the environment.

Agency: United States Environmental Protection Agency

Phone Number: 2025642491

Date last updated: 4/22/2016

Date last checked: 2/23/2016

Distance searched: 0.063 miles

Sites:

None Found

ROD-US

Records of Decision

Category: ERS Supplemental Govt Sources

Description: The Record of Decision (ROD) is a public document that explains which cleanup alternatives will be used to clean up a Superfund site. The ROD for sites listed on the NPL (NPL Site Listing Process) is created from information generated during the Remedial Investigation/Feasibility Study (RI/FS). A ROD contains site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, scope and role of response action and the remedy selected for cleanup. This database contains a listing of sites with RODs.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 2/14/2017

Date last checked: 2/14/2017

Distance searched: 0.5 miles

Sites:

None Found

SAA-Agreements-US

Sites with Superfund Alternative Approach Agreements

Category: Federal ASTM Other

Description: This database contains sites that have a Superfund Alternative agreement. The Superfund alternative (SA) approach uses the same investigation and cleanup process and standards that are used for sites listed on the NPL. The SA approach is an alternative to listing a site on the NPL; it is not an alternative to Superfund or the Superfund process.

Agency: United States Environmental Protection Agency

Phone Number: 2025645110

Date last updated: 1/16/2017

Date last checked: 1/9/2017

Distance searched: 1 mile

Sites:

None Found

SDWIS-US

Safe Drinking Water Information System

Category: ERS Supplemental Govt Sources

Description: This database contains the Safe Drinking Water Information including Public Water, Source and Treatment, Enforcements and Violations reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 6/20/2016

Date last checked: 4/6/2016

Distance searched: 0.25 miles

Sites:

COUNTRY MEADOW APARTMENTS

MapID: [1](#) Listed

SGV-Deep-Plumes-CA

San Gabriel Valley Deep Plumes

Category: State/Tribal Solid Waste

Description: Contamination plume boundaries that are part of the San Gabriel Valley Superfund areas.

Agency: Environmental Protection Agency

Phone Number: 4159478000

Date last updated: 3/30/2017

Date last checked: 3/17/2017

Distance searched: 1 mile

Sites:

None Found

SGV-Shallow-Plumes-CA

San Gabriel Valley Shallow Plumes

Category: State/Tribal Solid Waste

Description: Contamination plume boundaries that are part of the San Gabriel Valley Superfund areas.

Agency: Environmental Protection Agency

Phone Number: 4159478000

Date last updated: 3/30/2017

Date last checked: 3/17/2017

Distance searched: 1 mile

Sites:

None Found

SGV-Shallow-Plumes-Puente-Valley-CA

Puente Valley Shallow Plumes

Category: State/Tribal Solid Waste

Description: Contamination plume boundaries that are part of the San Gabriel Valley Superfund areas.

Agency: Environmental Protection Agency

Phone Number: 4159478000

Date last updated: 10/10/2016

Date last checked: 10/25/2016

Distance searched: 1 mile

Sites:

None Found

SLIC-Closed-CA

The Spills, Leaks, Investigation & Cleanup, Closed Cases

Category: Emergency Release Reports

Description: The Spills, Leaks, Investigation & Cleanup (SLIC) Program deals with site investigation and corrective action involving sites not overseen by the Underground Tank Program and the Well Investigation Program. These particular sites have had all remediation completed and are now considered closed by the agency.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/20/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

None Found

SLIC-CV-CLOSED-CA

List of Spills and Leak Sites

Category: Emergency Release Reports

Description: This database contains a List of Spill and Leak Sites (SL) and Department of Defense (DOD) and Department of Energy (DOE) cleanup cases in the central portion of the Central Valley Region as reported by the Central Valley Regional Quality Board. The database has not been updated since 2005

Agency: Central Valley Regional Quality Board

Phone Number: 9164644712

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

SLIC-CV-OPEN-CA

List of Spills and Leak Sites

Category: Emergency Release Reports

Description: This database contains a List of Spill and Leak Sites (SL) and Department of Defense (DOD) and Department of Energy (DOE) cleanup cases in the central portion of the Central Valley Region as reported by the Central Valley Regional Quality Board. The database has not been updated since 2005.

Agency: Central Valley Regional Quality Board

Phone Number: 9164644712

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

SLIC-Open-CA

The Spills, Leaks, Investigation & Cleanup, Open Cases

Category: Emergency Release Reports

Description: The Spills, Leaks, Investigation & Cleanup (SLIC) Program deals with site investigation and corrective action involving sites not overseen by the Underground Tank Program and the Well Investigation Program.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/20/2017

Date last checked: 3/8/2017

Distance searched: 0.5 miles

Sites:

Gateway Development

MapID: [23](#) Open - Remediation

SML-CA

Site Mitigation List

Category: State/Tribal ASTM Other

Description: This database contains sites listed by the Site Mitigation Unit program at the Los Angeles County Fire Department. SMU voluntary oversight and corrective action oversight programs are options in addition to DTSC and Regional Water Quality Control Board (RWQCB) oversight programs for residents and businesses of Los Angeles County seeking oversight in a cost effective and timely manner for cleanup of their contaminated properties. A (Y) abated column in data does not always mean the site is closed. Please contact the SMU department for a file review.

Agency: Los Angeles County Fire Department

Phone Number: 3238904106

Date last updated: 3/8/2017

Date last checked: 2/23/2017

Distance searched: 0.5 miles

Sites:

None Found

Spills-SSO-CA

Sanitary Sewer System

Category: ERS Supplemental Govt Sources

Description: This database contains private lateral sewage discharges contained in the State Water Resources Control Board's SSO database.

Agency: State Water Resource Control Board

Phone Number: 8667924977

Date last updated: 5/18/2016

Date last checked: 5/4/2016

Distance searched: 0.25 miles

Sites:

1342 Bayview Farm rd

MapID: [21](#) Listed

SSTS-US

Section 7 Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of EPA-registered domestic pesticide-producing and device producing establishments and the pesticides produced based on data in the Section Seven Tracking System.

Agency: United States Environmental Protection Agency

Phone Number: 2025644203

Date last updated: 6/27/2016

Date last checked: 6/9/2016

Distance searched: 0.063 miles

Sites:

None Found

SWIS-CA

Solid Waste Information System

Category: State/Tribal Landfill/Solid Waste

Description: The Solid Waste Information System (SWIS) database contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. Includes basic information on each facility in the database such as site, enforcement agency, operator, land owner, throughput, capacity, acreage, permit date, waste types, activity type, regulatory status and operational status.

Agency: California Department of Resources Recycling and Recovery

Phone Number: 9163416320

Date last updated: 12/13/2016

Date last checked: 3/14/2017

Distance searched: 0.5 miles

Sites:

None Found

SWLF-US

Solid Waste Facilities

Category: Federal Solid Waste

Description: This dataset represents verified locations of ACTIVE permitted Municipal Solid Waste facilities as well as ACTIVE permitted Construction and Demolition waste facilities. It is not intended to be a comprehensive inventory of all permitted solid waste facilities. Specifically excluded from this collection are facilities that accept hazardous waste, industrial waste facilities, waste collection/transfer sites and other specialty waste facilities.

Agency: Oak Ridge National Laboratory, GIST

Phone Number: 8652413976

Date last updated: 1/16/2017

Date last checked: 1/5/2017

Distance searched: 0.5 miles

Sites:

None Found

SWRCY-CA

Recycler Database

Category: State/Tribal ASTM Other

Description: A listing of all operational Recycling Centers identified by their Certification Number.

Agency: California Department of Resources Recycling and Recovery

Phone Number: 9163233836

Date last updated: 3/24/2017

Date last checked: 3/7/2017

Distance searched: 0.5 miles

Sites:

None Found

Tribal-Air-US

Tribal Air Permitted Facilities

Category: ERS Supplemental Govt Sources

Description: This database contains tribal locations that have been issued air permits as reported by the US Environmental Protection Agency. At this time the database includes region 2, 5, 7, 8, 9, 10.

Agency: United States Environmental Protection Agency

Phone Number: 3123532000

Date last updated: 5/1/2015

Date last checked: 2/27/2015

Distance searched: 0.25 miles

Sites:

None Found

Tribal-BF-US

Tribal Brownfields

Category: Federal Brownfield

Description: This database contains a listing of Brownfields on Native American Land identified by the United States Environmental Protection Agency. The data was pulled from the old ECHO database and no longer available.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Tribal-LUST-Closed-Reg9

Tribal Leaking Underground Storage Tanks

Category: Federal LUST

Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/18/2017

Date last checked: 12/23/2016

Distance searched: 0.5 miles

Sites:

None Found

Tribal-LUST-Open-Reg9

Tribal Leaking Underground Storage Tanks

Category: Federal LUST

Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/18/2017

Date last checked: 12/23/2016

Distance searched: 0.5 miles

Sites:

None Found

Tribal-ODI-US

Tribal Open Dump Sites

Category: Federal Solid Waste

Description: This database contains a listing of Open Dump Sites on Native American Land identified by the Indian Health Service

Agency: Indian Health Service

Phone Number: 3014431046

Date last updated: 8/30/2016

Date last checked: 1/5/2017

Distance searched: 0.5 miles

Sites:

None Found

Tribal-UST-Reg9

Tribal Underground Storage Tanks

Category: Federal UST

Description: This database contains a listing of Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/19/2017

Date last checked: 12/23/2016

Distance searched: 0.25 miles

Sites:

None Found

Tribal-VCP-US

Tribal VCP

Category: Federal Tribal VCP

Description: This database contains voluntary cleanup sites located in tribal land as reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 8/29/2016

Date last checked: 1/31/2017

Distance searched: 0.5 miles

Sites:

None Found

TRIS2000-US

Toxics Release Inventory System

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2000-2009.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:
None Found

TRIS2010-US

Toxics Release Inventory System

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2010-2014. 2014 is currently the most recent year available in the TRI.NET program.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 1/27/2017

Date last checked: 1/10/2017

Distance searched: 0.063 miles

Sites:
None Found

TRIS80-US

Toxics Release Inventory System

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1987-1989.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:
None Found

TRIS90-US

Toxics Release Inventory System

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1990-1999.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

TSCA-US

Toxics Substance Control Sites

Category: ERS Supplemental Govt Sources

Description: TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon and lead-based paint. This database contains a listing of these facilities.

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 1/6/2017

Date last checked: 1/6/2017

Distance searched: 0.063 miles

Sites:

None Found

UIC2-CA

Injection Wells

Category: ERS Supplemental Govt Sources

Description: This database contains Injection Wells as reported by the State Water Resource Control Board.

Agency: California State Water Resources Control Board

Phone Number: 8665633107

Date last updated: 12/8/2016

Date last checked: 12/5/2016

Distance searched: 0.063 miles

Sites:

None Found

UIC-CA

Underground Injection Control Wells

Category: ERS Supplemental Govt Sources

Description: This database contains Underground Injection Control Wells regulated by the California Department of Conservation.

Agency: California Department of Conservation

Phone Number: 9163231779

Date last updated: 12/16/2016

Date last checked: 12/1/2016

Distance searched: 0.063 miles

Sites:

None Found

UMTRA-US

Uranium Mill Tailings Remedial Action Sites

Category: ERS Supplemental Govt Sources

Description: The Uranium Mill Tailings Radiation Control Act (UMTRCA) of 1978 gave the U.S. Department of Energy (DOE) the responsibility of stabilizing, disposing, and controlling uranium mill tailings and other contaminated material at twenty-four uranium mill processing sites located across ten states and at approximately 5,200 associated properties.

Agency: Department of Energy

Phone Number: 5058450011

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.063 miles

Sites:

None Found

USGS-Waterwells-US

Ground Water Site Inventory

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations reported by the United States Geological Survey, Water Resources Program.

Agency: United States Geological Survey, Water Resources Program

Phone Number: 9162783000

Date last updated: 2/10/2017

Date last checked: 1/17/2017

Distance searched: 0.063 miles

Sites:

None Found

UST-Abandoned-CA

Inventory of Abandoned Tank Sites

Category: State/Tribal UST

Description: This database contains an inventory of abandoned tank sites reported by the California State Water Resources Control Board.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/8/2017

Date last checked: 3/8/2017

Distance searched: 0.25 miles

Sites:

None Found

UST-CA

Underground Storage Tanks

Category: State/Tribal UST

Description: This database maintains permitted Underground Storage Tanks in CA.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/24/2017

Date last checked: 3/13/2017

Distance searched: 0.25 miles

Sites:

ARCO 06228

MapID: [4](#) Listed

PINOLE CHEVRON

MapID: [14](#) Listed

UST-Cleanup-CA

UST Cleanup Fund Cases

Category: State/Tribal LUST

Description: This database contains leaking UST cases that have been recommended for closure under the State Water Board's authority to perform reviews of claims to the UST Cleanup Fund that have been open for 5 or more years (5 Year Review). This policy is no longer effective as of 2012 and therefore the listing will not be updated moving forward.

Agency: California State Water Resource Control Board

Phone Number: 9163415808

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

UST-Closed-CA

Closure of Underground Storage Tank (UST) Cases

Category: State/Tribal UST

Description: This database contains UST tanks that have been closed as reported by the California State Water Resource Control Board.

Agency: California State Water Resource Control Board

Phone Number: 9163415808

Date last updated: 3/31/2017

Date last checked: 3/27/2017

Distance searched: 0.25 miles

Sites:

None Found

USTComp-CA

Compliance UST

Category: State/Tribal UST

Description: This database contains previously abandoned UST sites that are now in compliance as reported by the California State Water Resources Control Board.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/8/2017

Date last checked: 3/8/2017

Distance searched: 0.25 miles

Sites:

None Found

UST-CRSP-CA

Underground Storage Tanks

Category: State/Tribal UST

Description: Aboveground Storage Tanks listed on the CalEPA Regulated Site Portal. The portal is a website that combines data about environmentally regulated sites and facilities in California into a single, searchable database and interactive map. For information on a particular site, contact the appropriate agency:

California Environmental Reporting System (CERS): cers@calepa.ca.gov

California Integrated Water Quality System (CIWQS): 866-79-CIWQS

EnviroStor Cleanup/Haz Waste: 877-786-9427

GeoTracker: 866-480-1028

Agency: Cal EPA

Phone Number: 9164455049

Date last updated: 3/17/2017

Date last checked: 2/14/2017

Distance searched: 0.25 miles

Sites:

ARCO 06228

PINOLE CHEVRON

MapID: [4](#) Listed

MapID: [14](#) Listed

UST-Priority-CA

UST Cleanup Fund Priority List

Category: State/Tribal UST

Description: This database includes current cleanup cases that are listed on the Cleanup Fund Priority List. The Underground Storage Tank (UST) Cleanup Fund (Fund) provides a means for petroleum UST owners and operators to meet the federal and state requirements of maintaining financial responsibility to pay for any damages arising from their tank operations.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/31/2017

Date last checked: 3/27/2017

Distance searched: 0.5 miles

Sites:

ARCO #6228

MapID: [4](#) Listed

CHEVRON #9-4014

MapID: [14](#) Listed

UNOCAL SERVICE STATION #4754

MapID: [20](#) Listed

UST-Proposed-CA

UST Proposed for Closure

Category: State/Tribal UST

Description: This database contains UST's that are being considered for closure by the SWRCB or the Executive Director.

Agency: California State Water Resources Control Board

Phone Number: 9163415808

Date last updated: 3/31/2017

Date last checked: 3/27/2017

Distance searched: 0.25 miles

Sites:

None Found

Vapor-Intrusions-US

Vapor Intrusion Database

Category: ERS Supplemental Govt Sources

Description: This database contains the vapor intrusion database as reported by the Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 7033057411

Date last updated: 8/17/2016

Date last checked: 12/19/2016

Distance searched: 0.5 miles

Sites:

None Found

WDR-CA

Waste Discharge Requirements

Category: ERS Supplemental Govt Sources

Description: This database contains sites in the Waste Discharge Requirements (WDRs) Program that regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act as reported by the California State Water Resource Control Board.

Agency: California State Water Resource Control Board

Phone Number: 8667924977

Date last updated: 5/18/2016

Date last checked: 5/3/2016

Distance searched: 0.25 miles

Sites:

None Found

Wells-CA

California Wells

Category: ERS Supplemental Govt Sources

Description: This database includes wells identified by well completed reports. The agency has notified us not this database does not include all wells in california as this is still a work in progress. The database includes approximately 500K wells.

Agency: California Department of Water Resources

Phone Number: 9166535791

Date last updated: 7/15/2016

Date last checked: 6/24/2016

Distance searched: 0.063 miles

Sites:

None Found

UN-MAPPABLE OCCURRENCES

The following occurrences were not mapped primarily due to incomplete or inaccurate address information. All of the following occurrences were determined to share the same zip code as the area searched. General status information is given with each occurrence along with any address information entered by the agency responsible for the list.

Requested all "un-mapped" sites.

ID	Facility Name	Address	Database	Status
BAY AQMD-BA-16197	GLOBAL POWER GROUP, INC	1330 FITZGERLD DR, TOYSRUS 5804, PINOLE, CA 94564	Air-CA	Listed
10340284	AT&T MOBILITY-PINOLE/HENRY AVE (USID13001)	Off Henry Avenue, PINOLE, CA 94564	CERS-CA	Listed
10506862	Chipotle Mexican Grill #1505	2696 A & B Pinole Valley Rd, Pinole, CA 94564	CERS-CA	Listed
453445	UPRR	, Pinole, CA 94564	CHMIRS-CA	Listed
328413	City Of Pinole	Hazel St and Sunnyview St, Pinole, CA 94564	CHMIRS-CA	Listed
FA0030036-COC	AT&T MOBILITY - PINOLE/HENRY AVE (USID13001)	HENRY AVE, PINOLE, CA 94564	County-Others-CA	Listed
52605	Bay Laundrymat	, Pinole, CA 94564	DCF2-CA	Listed
10340284	AT&T MOBILITY-PINOLE/HENRY AVE (13001)	Off Henry Avenue, PINOLE, CA 94564	Hist-CA	Name Changed
4520598C-CAC002593145	WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT	175 MANN DR, PINOLE, CA 94564	Hist-CA	No Longer Listed
4520598C-CAC002586818	CITY OF PINOLE - DEVELOPMENT SERVICES	617 TENANT, PINOLE, CA 94564	Hist-CA	No Longer Listed
4520598C-CAL000124611	CITY PINOLE/DEPT. PUBLIC WORKS	END OF TENNENT AVENUE, PINOLE, CA 94564	Hist-CA	No Longer Listed
773366-COC	AT&T MOBILITY - PINOLE/HENRY AVE (13001)	HENRY AVE, PINOLE, CA 94564	Hist-CA	No Longer Listed
FA0030036-COC	AT&T MOBILITY - PINOLE/HENRY AVE (13001)	HENRY AVE, PINOLE, CA 94564	Hist-CA	Name Changed
FBD9B881-30028	Pacifica Avenue Sidewalk Project	Pacifica Avenue, Bay Point, CA 94564	Hist-CA	No Longer Listed
CAL000124611	CITY PINOLE/DEPT PUBLIC WORKS	END OF TENNENT AVENUE, PINOLE, CA 94564	Hist-CA	Name Changed
4964AF3C-446031	Pacifica Avenue Sidewalk Project	Pacifica Avenue, Bay Point, Ca 94564	Hist-CA	No Longer Listed
773366-COC	AT&T MOBILITY/PINOLE/HENRY AVE (13001)	HENRY AVE, PINOLE, CA 94564	Hist-CA	Name Changed
1595322	PINOLE CITY OF DPW	PUBLIC WORKS DEPT, PINOLE, CA 94564	Hist-CalFID-CA	Listed
7734899	Site Name Not Provided	FOOT OF TENNENT AVE, PINOLE, CA 94564	Hist-CalFID-CA	Listed
5718916	PINOLE-HERCULES WASTEWATER TRE	FOOT OF TENNANT AVE, PINOLE, CA 94564	Hist-CalFID-CA	Listed
7734930	PINOLE STP	PUBLIC WORKS DEPT, PINOLE, CA 94564	Hist-CalFID-CA	Listed

ID	Facility Name	Address	Database	Status
1180741	NPD MAJ-PINOLE STP	FOOT OF TENNENT AVE, PINOLE, CA 94564	Hist-CalFID-CA	Listed
200034398	CHEVRON	POINT PINOLE AT SAN PABLO AVE, PINOLE, CA 94564	Hist-ERNS-US	Listed
200088529	CITY OF PINOLE	FOOT OF TENNENT AVE IN SIDE BASE WATER*, PINOLE, CA 94564	Hist-ERNS-US	Listed
CAC002768019	CALTRANS D-04/EA04-2356A4	RTE NB & SB 101 PM 0.9/3.6, MENLO PARK, CA 94564	HWIS-CA	Listed
1925	BOLD EAGLE ENTERPRISES	P. O. BOX 177, PINOLE, CA 94564	HWT-CA	Listed
CAC002619940	SNOW WHITE CLEANERS	6105 SAN PABLO AVENUE, PINOLE, CA 94564	RCRA-LQG-US	Listed
201001107	Site Name Not Provided	, PINOLE, IN 94564	Spills-IN	Listed

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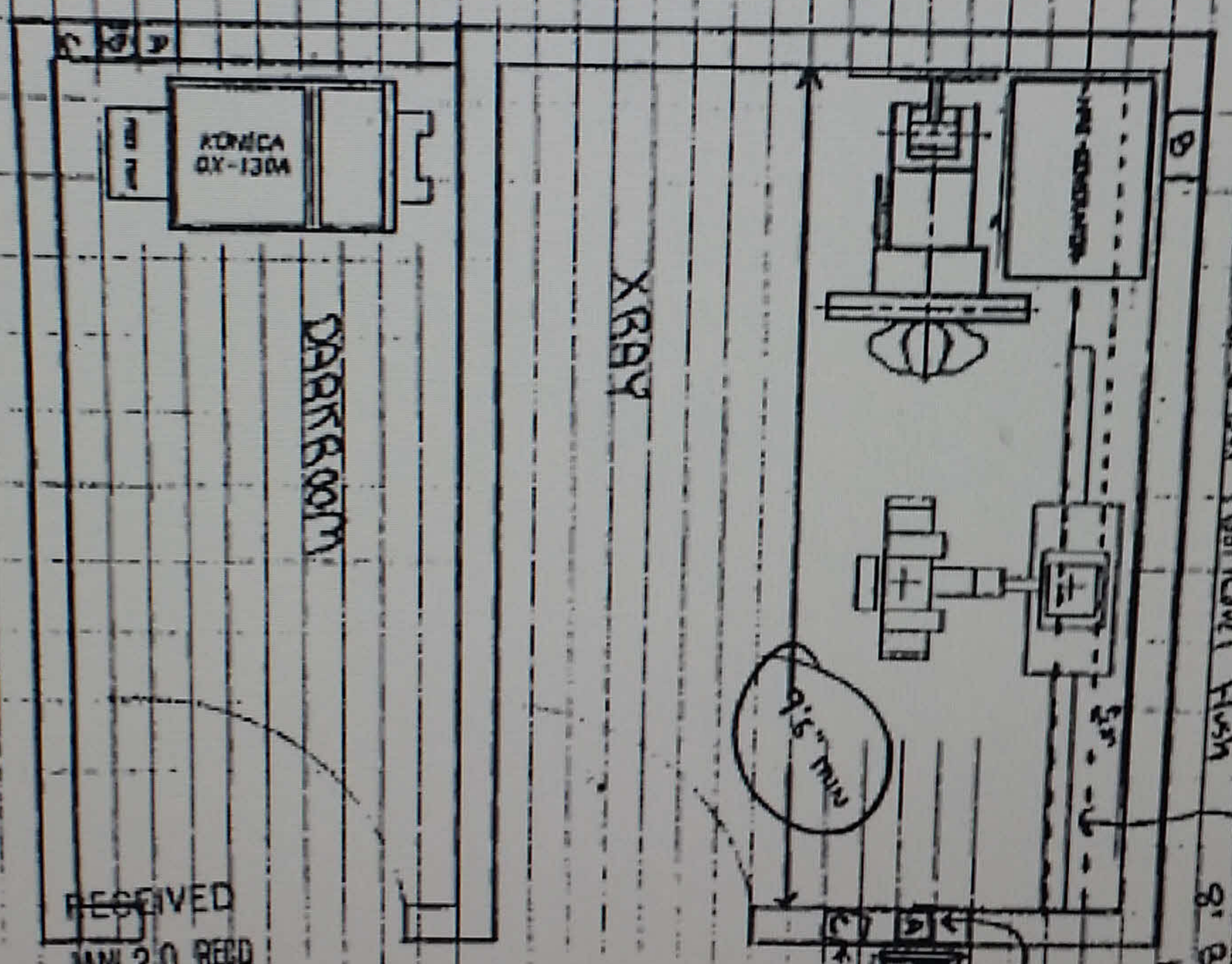
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APPENDIX D
OTHER PERTINENT DATA

A 220V 20A Recept.
B CUL Home Box
C 1/2" open Drain

Approx 1/2" x 1"
A 40B 1" Conduit
C to G 1" Conduit
WITH 2 or 4 THHN
WITH Ground - Power
to Generator



DR HUEN

A 6" x 6" 2 Box Flush Mt under Window
B 6" x 6" 2 Box Floor Level Flush

2" x 6" Beam in Ceiling
8" Bottom of Beam on Floor
12" Run inside wall

Lead Glass Window
C 20A 100AMP Deburked
Disconnect

RECEIVED
JAN 20 1998

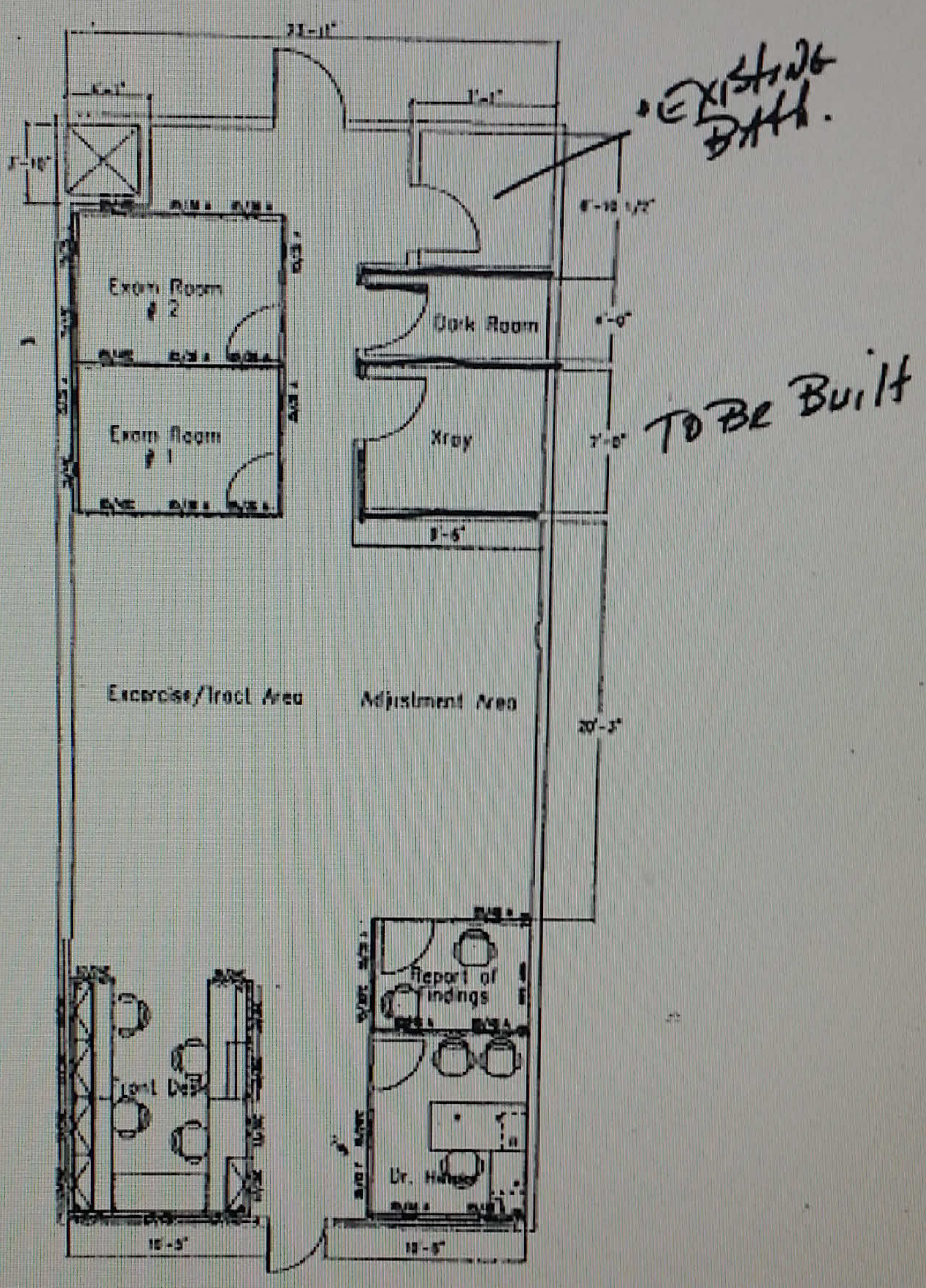
CITY OF FULTON Building Division
Building Planning
Public Works
Fire Dept.
S.M. 1-20-98


FILE COPY

Safety ▾ Tools ▾ ?

50.1% Sign Find

*Remainder is
remountable
of artition.*



 <p>OP CONTRACT</p> <p>POSITIVE DESIGN TECHNOLOGY</p>	<p>OP CONTRACT INC.</p> <p>400 SECOND STREET</p> <p>SUN FIDELITY</p> <p>CALIFORNIA 91107</p> <p>415-874-1471 TX.</p> <p>415-874-5925 FAX.</p>	<p>PROJECT DR. HEUN</p>	
		<p>PROJECT NO. 19E18</p>	<p>SCALE</p>
		<p>DATE 11/12/97</p>	<p>DATE 12/9/97</p>
		<p>DESIGNER K. WEST</p>	<p>SHEET NO. 1 OF 1</p>
		<p>1-1077 ZAGROSE-HYUNDRUPLAN</p>	

Peter Malvern and Associates, Inc.
Geotechnical Consultants

425 ROLAND WAY, OAKLAND, CALIFORNIA 94621, 415-568-4001

September 3, 1982
K483-18, 03633, 17M1

RECEIVED
SEP 13 1982

American Protective Services, Inc.
7770 Pardee Lane
Oakland, California 94621

FUGUN 91-8-148
0423,

Attention: Mr. Thomas W. Keating

RE: SURFACE FAULT EVALUATION
PROPOSED COMMERCIAL -
OFFICE COMPLEX
PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Gentlemen:

In accordance with your request, we are submitting this letter report presenting the results of our surface fault evaluation for the proposed commercial - office complex to be developed at the vacant site located between the existing Arco gas station - car wash and the 7-11 Store along Pinole Valley Road, Pinole, California. Our evaluation included a review of on-file geotechnical literature, an interpretation of high altitude, black-and-white stereo-pair aerial photographs, a discussion with personnel at the California Division of Mines and Geology familiar with the Pinole fault zone, a cursory surface site reconnaissance, and a brief meeting with Mr. Keith Freeman at the Pinole City Offices. It should be noted that no subsurface exploration was conducted for this evaluation.

This letter report has been prepared for the exclusive use of American Protective Services, Inc. and their consultants for specific application to the proposed commercial - office development in accordance with generally accepted engineering and geologic practices. In the event that any natural changes or phenomenon occur at or in the vicinity of the parcel, the conclusions and recommendations contained herein shall not be considered valid unless the changes are reviewed and verified in writing.

Site Conditions

The vacant site is relatively level along Pinole Valley Boulevard. A fill slope that is approximately 20 feet high exists along the east end of the property. The undulating groundsurface of the site is covered with grasses and weeds. An area of thick, green, lush grasses and water-seeking vegetation occurs in the vicinity of the northeast property corner. Although no longer present at the site, an intermittent, southwest flowing creek channel was shown crossing the subject property on the Richmond 7 1/2 minute topographic quadrangle.

A 7-11 Store and Baptist Church exist along the southern property boundary line. An Arco gas station - car wash is located along the northern property line. Pinole Valley Church lies to the east, and Pinole Valley Road acts as the western property boundary.

Site Geology

A recent geologic map of the area indicates that most of the site is underlain by Quaternary alluvium. Massive Miocene siltstone is mapped in the northeast corner of the site. The alluvium is composed of sand, silt, clay and gravel mixtures derived from erosion and mass wasting of the neighboring hillside areas. The siltstone and other sedimentary rock types underlying the hillside areas originated in marine environments, were consolidated and subsequently uplifted, folded and faulted, and eroded. Regional bedding in the area strikes northwest-southeast and dips northeast and southwest.

The right-lateral, strike slip, northwest-trending Pinole fault zone is mapped approximately 300 feet northeast of the site. Neither proven Holocene or Quaternary displacement has been attributed to this fault, and no historic earthquakes have been documented. An inferred right-lateral strike slip fault is mapped across the hillside areas south and north of the site. This fault is mapped as concealed where it crosses the alluvium that was deposited in the valley along Pinole Creek. The concealed trace of the fault is mapped across the western portion of the property.

Neither of the aforementioned faults are considered active according to a recently revised (1982) Alquist-Priolo Special Studies Zones map that establishes study zones relevant to active faults in California. Discussions with personnel at the California Division of Mines and Geology revealed that there has been no documented evidence for Holocene displacement along the Pinole fault. Exploratory trenches north of the site that intersected the trace of the Pinole fault did not reveal evidence of Holocene movement.

Recent evaluation of active and suspected active faults in the San Francisco Bay area by the California Division of Mines and Geology did not warrant an active status for the Pinole fault or the inferred fault that is mapped west of it.

Aerial Photo Interpretation

High altitude, black-and-white aerial photographs were reviewed. A strong, well-defined lineament was noted along the mapped trace of the Pinole fault. The concealed inferred fault trace mapped across the site showed no prominent lineation on the site or across the alluvium in the valley along Pinole Creek. The steep hillside area west of Pinole Creek presents a better location for the continuation of that fault from the northern terminus of the inferred fault that is mapped south of the site.

American Protective Services, Inc.
 September 3, 1982, 03633, 1743
 Page 3

Evaluation

Based upon the results of our cursory reconnaissance, aerial photographic interpretation, review of on-file geotechnical literature and discussions with personnel from the California Division of Mines and Geology, it is our opinion that the potential for surface fault rupture occurring across the site is low. The most prominent tectonic feature in the site vicinity is the Pinole fault, which is located approximately 300 feet northeast of the site. It is not considered active according to the California Division of Mines and Geology. Although a concealed trace of an inferred fault was mapped across the site, geomorphic evidence for this fault crossing the site was not observed. A better location for this inferred fault appears to be along the hillside area west of Pinole Valley Road.

Although we did not have the opportunity to review unpublished consultant reports in the vicinity of the site, it is our opinion that any further evaluation of faulting at the subject property is unwarranted. If sympathetic earth movement were to occur as a result of an earthquake along one of the active faults in the Bay area, we suspect that the area most likely to experience ground rupture due to such faulting in the site vicinity would be along the Pinole fault located northeast of the site. However, when a major earthquake is generated in the Bay area, the site will experience strong ground shaking.

If you have any questions concerning our findings, do not hesitate to contact us.

Very truly yours,

PETER KALDVEER AND ASSOC., INC.

William R. Noryko

William R. Noryko
 Engineering Geologist No. 1138

Peter Kaldveer
 Peter Kaldveer

WRN/PK:em
 Copies: Addressee (6)

2012

OAKLAND CITY AND SUBURBAN

SON Dorothy 00 10
 OORE E 510-245-3028 00
 BINSON Stephen 00 10
 NCHEZ James W 510-799-6723 96
 CKENNEY Vernon 00 01
 XX 00 09
 ASQUINI Daniel 00 04
 AZEL Clifford 00 10
 YLIE Jane 00 00
 ACHADO James 510-799-2535 07
 ADIGAN Beverly 510-313-0581 +12
 RAMBULA Catherine 00 09
 LARK John 510-948-8117 08
 ADIGAN Ashley 00 +12
 RARRERA Claire 00 10
 HAVEZ Arlene 00 10
 HEPEARL Misty 00 +12
 JOBERG Rick

4TH ST
 S 41 RES 5 NEW
 LE ST 94547
 CULES

WEALTH CODE 6.0
 RUSSI John 510-964-9875 00
 APINIG Arnie 00 00
 JACKSON David 00 09
 COBB-NANCE Mary 00
 XXXX 510-964-1001 08
 HATCH J W 00 +12
 LEE Dede 510-964-1001 00
 WAYS J M

TALLEY WAY
 JS 8 RES 1 NEW
 OLE VALLEY RD
 4 PINOLE
 WEALTH CODE 7.0

SAN PABLO AVE 00 02
 XXXX 00
 AVERY Matthew 00
 XXXX 00
 RAFAELA ST 510-724-9424 09
 OF CHRIST 510-724-1994 +12
 CARLYLE Susan 00 95
 CHURCH OF CHRIST 00 95
 SZWANEK Richard 510-964-0968 95
 DUTRA Robert 00
 MCNAB Craig 510-964-9215 02
 SAMUEL ST 00 03
 Abiv 00 +12

2724 ♣ BAREDES Jose 00 +12
 2727 ★ WAFFLE SHOP 510-758-6171 00
 2742 ★ TRADER JOES COMPANY 510-222-3501 08
 2747 ★ PINOLE VALLEY ARCO 510-758-9111
 2750 ★ WALGREENS 510-222-9422 08
 2792 ★ SUPERCUTS 510-758-4823 10
 2794 ★ JAMBA JUICE 510-669-1321 08
 2801. . . . BUILDING
 ♣ ★ ALAMODE DONUT SHOP 510-758-8008
 ♣ ★ ANGELICA VIROLA - ALLSTTE AGNT 510-243-9490 08
 ♣ ★ BANIQUED REALTORS 510-222-3900 04
 ♣ ★ BANIQUED REALTY 510-222-0900 04
 200 ♣ ★ BOLGER-GARRI CECILIA DC 510-243-7500 03
 ♣ CANDELARIO Insurance Inc 510-275-9944 10
 ♣ ★ CREATIVE FUNDING 510-222-5100 07
 200 ♣ ★ HEUN CHIROPRACTIC OFFICES 510-243-7500 99
 200 ♣ ★ HEUN SCOTT J CCSP DC 510-243-7500 99
 ♣ ★ IMAGE DE BEAUTE 510-222-2100 09
 200 ♣ ★ JUNG RANDALL G DC QME 510-243-7500 04
 ♣ ★ LEBON REAL ESTATE INC 510-964-7231 08
 F ★ LIM VINCENT PATRICK DDS 510-222-2442
 ♣ ★ MORI P E INSURANCE SERVICES 510-758-9667 03
 206 ★ STRATEGIC RLNCE GRP SECRTY 510-964-4320 10
 ♣ ★ TAMMY'S NAILS AND SPA 510-223-2516 09
 ♣ ★ TRANSITIONS SALON 510-758-5050 02
 ♣ ★ VINCENT P DDS FREE CNSLTTN 510-222-2442 09
 2801
 2830 ♣ ★ A AND A NAIL AND SPA 510-758-1053 09
 ♣ ★ JENNY CRAIG 510-669-0534 10
 ♣ ★ LIBERTY TAX SERVICE PINOLE 510-223-3242 10
 ♣ ★ YOUTHFUL TOOTH FOR ADULTS 510-758-6684 95
 2860 ♣ BUBBYS Barber Shop Llc 510-669-1699 10
 ♣ ★ CA PACIFIC UNIVERSITY 510-222-8828 +12
 ♣ ★ KUMON LEARNING CENTER 510-724-3000 +12
 ♣ ★ ONERES BAY AREA REALTY 510-222-8088 10
 ♣ ★ PLATINUM MORTGAGE GROUP 510-758-7100 06
 2869 XXXX
 2870 ★ ORIGINAL RED ONION THE PNLE CA 00 10
 ★ RED ONION PINOLE 510-758-9462
 2885 ★ PINOLE VALLEY COMMUNITY 510-758-9462 09

3278 ● RUIZ Octavio
 X SIMAS AVE
 3307 ● CRAWFORD David 510-
 ★ CRAWFORD SATELLITE & ELCTRNC S 510-
 3311 SISON Amor 510-
 ● SPIERS John
 3315 ● ZAVALA William
 3318 MCGHEE Michael
 ● THACH Tay
 3319 ● MARQUEZ Cristobal
 3323 ● OOGHE Diana
 3326 ● MYERS Larry
 3327 KASHANIAN Amir
 ● LAM Celia 510-
 3329 ● CUNNINGHAM Luann
 3333 ● CHAP Christopher
 3337 ● KERNS David
 3341 ● NUNES Virginia
 3345 ● BERGH Charlotte
 3349 XXXX
 3353 PHAM Thao
 ● WU Nella
 3357 ● STEELE Robert
 3361 ● BRUNI Robt R 510-
 X GALBRETH RD
 X SARITA CT
 3365 ● OLIVERO Don 510-
 3369 ● BUSH Allen
 3373 ● HUYNH Toan
 3377 ● PORCO Travis
 3381 KAMARA Fatima
 KAMARA-WHITE Fatima
 ● WHITE Jackie
 WILLIAMS Cybriael
 3385 ● SNITKIN Damon
 3389 ● LABON Jennette
 X COLLINS AVE
 3501 ★ ELLERHORST ELEMENTARY SCHOOL 510-2
 ★ WEST CNTRA CSTA UNFD SC DST 510-2
 ★ YMCA ELLERHORST Y-KIDS 510-2
 X ADOBE RD
 3605 ● SAK Brian P 510-2
 3615 HARDESTY Gary E 510-7
 ● PARKER Jefferson 510-96
 3625 ● LOPEZ Carlos 0
 ● LOPEZ-CERON Luis 0
 3635 ● RAMIREZ Juan 0
 X SAVAGE AVE
 X MONTE VISTA D
 X MONTE VERDE
 3703 ● CHUCK Elizabeth

X 00
 ICAN Eddie 510-245-3063 +4
 N Michael D 510-245-7229 3
 CIA Andres 00 0
 GA Deborah 00 +4
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DEL MONTE WAY
 TCSTA CO ANML 510-724-1036
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 HEALTH CODE 7
 N John 510-741-7049
 NIG Arnie 510-724-5931
 NIG Susan 510-724-5931
 KSON David 00 0
 Y Fred 00 ⊕ 0
 REW Steven 00 3
 Dede 510-964-1999 1
MAS JENNY 510-964-9400 1
TOGRAPHER
TALLEY WAY
 BUS 7 RES 0 NEW

VALLEY RD
INOLE
 HEALTH CODE 6
SAN PABLO AVE
 XX 00
 RY Matthew 00 2
 BLE POLICE 510-741-1677 3
 LOYEE ASSOC
 XX 00
 XX 00
 RCH OF CHRIST OF 510-724-1994
 BLE
 XX 00
 RA Robert 00 0
 AB Craig 510-741-8837 +4
 AB Debbie 510-741-8837 +4

RAFAELA ST
SAMUEL ST
 SELDA Zepeda 00 +4
 KETSON Douglas 510-964-0384 3
 RRON Manuel 00 0
 BENTHAL K 510-741-8427 2
 ON M 510-964-1609 1
 ON M 510-964-1512 1
 D Leah 510-275-3554 +4
 RIUZZA Paul 00 3
 RTENS Laverne 00 8
 XX 00
 NFORD Virginia 510-724-2073 +4
 HNSON Brian 00 3
 AHAM Kaycee 00 3
 ZZANO Louis 00 0
 RSHALL Lillian 00 +4
 DRETTI J 510-724-2693 +4
BRANDT CT
 WITH Elizabeth 00 0
 LIAMS Edna 00 8
 NES Donald 510-964-1081 +4

COMPANY-ASCAP
 ★ FIAT MUSIC 510-758-7777 +4
 COMPANY-ASCAP
 ★ FIAT SCHOOL OF 510-758-7777
 LANGUAGES
 ★ FIATARONE MARIE 510-758-7777 1
 LOUISE
 ★ JAMES FIAT 510-758-1117
 ORCHESTRA
 2706 ★ POSTAL CONNECTION 510-223-1555 3
 OF AMERICA
 ★ RES COM INSPECTIONS 510-758-9500 +4
 2708 ★ PINOLE COINOP 510-758-2729 7
 LAUNDRY
 2710 XXXX 00
 2712 ★ PINOLE VALLEY HIGH 510-243-1718 +4
 SC ART GLRY
 2714 XXXX 00
 2718 ★ PINOLE VLY BARBER 510-758-0315
 SHOP
 2720 ★ SOMETHING NIFTY 510-758-1295 +4
 CERAMICS
 2722 ★ 99 CENTS UP&MORE 510-222-9350 9
 2724 XXXX 00
 2727 ★ WAFFLE SHOP 510-758-6171 0
 2728 XXXX 00
 2730 XXXX 00
 2734 XXXX 00
 2747 ★ PINOLE VALLEY ARCO 510-758-9111
 2750 XXXX 00
 2752 XXXX 00
 2762 ★ JACKSON HEWITT TAX 510-223-3242 +4
 SERVICES
 2768 ★ SUBWAY SANDWICH & 510-223-0119 +4
 SALADS
 2772 XXXX 00
 2776 XXXX 00
 2780 ★ BLOCKBUSTER VIDEO 510-262-9185 1
 2782 ★ COAST KARATE 510-758-7901 2
 STUDIO EAST BAY
 2792 ★ FLYING COW 510-669-0755 8
 BAKERY&CAFE THE
 2801 ★ ALAMODE DONUT ICE 510-758-8008
 CREAM SNDWCH
 ★ BOLGER-GARRISON 510-243-7500 3
 CECILIA DC
 ★ CURVES 510-243-1502 +4
 ★ HEUN CHIROPRACTIC 510-243-7500 9
 OFFICES
 ★ HEUN SCOTT J DC 510-243-7500 9
 CCSP
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 ★ JUNG BRANDON G DC 510-243-7500 3
 ★ JUNG RANDALL G DC 510-243-7500 +4
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 ★ MORI P E INSURANCE 510-758-9667 3
 SERVICES
 ★ PLATINUM MORTGAGE 510-758-7100 7
 GROUP
 ★ SECURITAS SECURITY 510-758-1500
 SERVICES
 ★ TRANSITIONS 510-758-5050 2
 ★ VIROLA ANGELICA INS 510-243-9490 1
 2810 ★ PINOLE VLY BEACON 510-758-6747
 2830 ★ A & A 510-758-7040 +4
 ★ DEPOT REAL ESTATE 510-758-9700 +4
 ★ ERNIE GOODS BAR B 510-243-1633 2
 QUE
 ★ GENTLE DENTAL 510-758-6684 5
 ★ YOUTHFUL TOOTH 510-758-6684 0
 2860 ★ BARRY EVANS STUDIO 510-758-8267
 ★ CATCH SUM RAYS 510-758-7297
 ★ EVANS BARRY STUDIO 510-758-8267
 ★ PARAGON SALON DAY 510-758-2887 1
 SPA
 ★ PULLEN CHARLES E 510-222-6216 +4
 ACCTNG&TAX SV
 ★ VILLANUEVA ED 510-222-6064
 2869 XXXX 00
 2870 XXXX 00
 2885 ★ PINOLE VLY BAPTIST 510-758-9313
 CHURCH
 ★ SEVENTH DAY BAPTIST 510-724-0176 3
 CHURCH
 2900 ★ PINOLE VALLEY HI SC 510-758-4774 9
 JOURNALISM

3242 ● RAM Satya
X POTRERO
 3248 ● STRONG
 3254 ● SMITH Loren
 3260 ● ANDERST Delano
 3266 CONTRERAS Idefonso
 ● MENCHACA Maria
 3272 ● MITCHELL Michael
 3278 ● QUEZADA Juan
X SIMAS AVE
 3307 ● CRAWFORD David
 ★ DD CRAWFORD INC
 3311 ● SPIERS John
 3315 COUSER Cama
 COUSER Cama
 COUSER Scott
 COUSER Scott
 ● ZAVALA William
 3319 ● MARQUEZ Cristobal
 3323 BOGART Merry
 3326 ● MYERS Larry
 3327 ● JEREMIASON Thomas
 3329 ● CUNNINGHAM Luann
 3333 ● WILKINS Kenneth
 3337 ● KERNS David
 3341 ● NUNES Virginia
 3345 ● BERGH Charlotte
 3349 ● LAVILLA Michael
 3353 ● WU Nella
 3357 ● STEELE Jennifer
 ● STEELE Jennifer
 3361 ● BRUNI Robt R
X SARITA CT
X GALBRETH R
 3365 ● OLIVERO Don 510-7
 ● OLIVERO Lene 510-7
 3369 ● BUSH Allen 00
 3373 ● RAZI Ahmad 510-7
 3377 ● PORCO Travis 00
 3381 ● FUNDERBURK Allen 00
 3385 ● DELEON Alfredo 00
 3389 ● LABON Miguel 00
X COLLINS AVE
 3501 ★ ELLERHORST 510-75
 ELEMENTARY SCHOOL
 3575 XXXX 00
 3605 ● SAK Brian P 510-24
 3615 ● HARDESTY Gary E 510-75
 3625 ● LOPEZ-Ceron Luis 00
 3635 ● RAMIREZ Rosemary 510-75
 ● RAMIREZ Rosemary 510-75
 3793 ● CHUCK Elizabeth 00
 3795 ● CRUZ Donald 00
 3797 ● ALVARADO Robert 00
 3799 ★ BUENAVISTA HOME 510-223
 ● PEREZ Ronaldo 00
 3801 ● GRAY Edwin D 510-758
 3805 ● PALMA Willa 00
 3809 ● OLANDAG Consuelo 00
 3813 ★ KEITH KLAUBBEN 510-758-
 BACKHOE SERVICE
 ● KLUBBEN Keith 00 ⊕
 3940 ● MATTINGLY Marjorie 00
 3950 ● MCKAY C E 510-758-3
 3960 ● LOPEZ Gaby 510-222-3
X ADOBE RD
X HOYTT CT
X TAPER ST
X MARLIN CT
 4001 ● MOORE Marcia 00
 4005 ● FISHER Mary 00
 LOVE Mary F 510-758-05
 4015 ● MCQUEEN Paul 00
 4025 ● SWANDA Barbara 00
 4100 STAPLES Stephani 510-222-82
 4300 ★ BAR Z CONSTRUCTION 510-223-90
 CO
 ● ZUCKER Felix 00
 4500 ● SEIBEL Arley 00
 4700 ● RADCLIFFE William 00
 4900 ● OLDS Eleanore 510-758-349
 6001 MOHRING Leonard 510-758-350





94572 CONT.

Susan OO +0
510-799-2444

OO +0
OO +0
OO +0
OO +0
510-799-2337
510-799-5740

OO
OO 5
510-245-1608 +0
OO +0
OO +0

TH 34 RES 18 NEW

SHORES DR
NOLE

STA CO ANML 510-724-1036
CSTA CO ANML 510-374-3966

US 0 RES 0 NEW

VLY RD 94564

HEALTH CODE 6.8

L Chester OO +0
Kau OO +0
OO
AGON Federico L Jr 510-741-5437 +0
CANANO Rodolpho 510-724-8534 +0
NARTSDALEN John P 510-724-8006 8

RAFAELA

UTRA Robert OO +0
OO
CHURCH OF CHRIST OF 510-724-1994
NOLE

UTRA Robert OO +0

SAMUEL

ENNINGS Drew OO +0
BRISBIN Rick A 510-724-5113 9
BARRON Manuel OO +0
DAIGLE J 510-741-5469 +0
SCHLOSBERG A OO +0
DIXON Michael OO +0
MARIUZZA Marie OO +0
MARTENS Laverna OO 8

BRANDT CT

PELLETREAU Helen OO 8
GILLIKIN Leo 510-724-2073
HANFORD Virginia OO +0
GOULARTD John OO +0
GRAHAM Kaycee OO 8
GOZZANO Louis OO +0
MARSHALL Kenneth 50-724-2693 9
SMITH Elizabeth OO +0
WILLIAMS Edna OO 8

PINOLE VLY RD

94564 CONT..

2722 * 99 CENTS UP&MORE 510-222-9350 9
2724 * DEPOT REAL ESTATE 510-758-9700
2727 * WAFFLE SHOP 510-758-6171 +0
* YEE Franklin OO +0
2728 XXXX OO
2730 XXXX OO
2734 XXXX OO
2742 * HOLIDAY CHARITY 510-222-5776 +0
BOUTIQUE
2747 * PINOLE VLY ARCO CAR 510-758-9111
WASH
2750 * LUCKY STORES 510-223-5600 6
2752 XXXX OO
2762 * STAR CLEANERS 510-669-1500 7
2772 XXXX OO
2776 XXXX OO
2782 XXXX OO
2792 * FLYING COW 510-669-0755 8
BAKERY&CAFE THE
2801 * ALAMODE DONUT ICE 510-758-8008
CREAM SNDWCH
* AMER PROTECTIVE 510-758-1500
SERVICES INC
* BICKHAM PAUL 510-758-7160
INSURANCE AGENCY
* FARMERS INS AGENT 510-758-1070
* HEUN CHIROPRACTIC 510-243-7500 9
OFFICES
* HEUN SCOTT J DC 510-243-7500 9
CCSP
* HUEN SCOTT J DC 510-243-7500 9
CCSP
* NORTH BAY 510-724-2200 9
CHIROPRACTIC
* PLATINUM MORTGAGE 510-758-7100 7
GROUP
* SEGERDELL BOB 510-758-1070
INSURANCE AGENCY
* TRANSITIONS 510-758-5050 4
2810 * BEACON OF PINOLE 510-758-6747 1
* DIMALANTA Ramon OO +0
* PINOLE VLY BEACON 510-758-6747
2830 * COMIC CARDS ETC 510-223-7364 5
* CUT IT OUT 510-758-0604 2
* CUT IT OUT 510-758-2887 9
* CUT IT OUT HELEN 510-758-6200 5
* CUT IT OUT LIZ 510-223-0805 9
* GENTLE DENTAL 510-758-6684 5
* HAIR BARN THE 510-223-5717 6
* YOUTHFUL TOOTH 510-758-6684 +0
2860 * BARRY EVANS STUDIO 510-758-8267 2
* CATCH SUM RAYS 510-758-7297
* EVANS BARRY STUDIO 510-758-8267 2
* PINOLE FAMILY VIDEO 510-758-6456 5
* VILLANUEVA ED 510-222-6064 1
* ZICHICHI Frank OO +0
2869 * FAY Paul OO +0
* LOTTERY TICKET 510-758-8633
SALES INSTANT
* SEVEN-11 FOOD 14206 510-758-8633
2870 * RED ONION THE 510-758-9462
2885 * PINOLE VLY BAPTIST 510-758-9313
CHURCH
2900 * PINOLE VALLEY HI SC 510-758-4774 9
JOURNALISM
* PINOLE VLY HI SC

PINOLE VLY RD

3319 * MARQUEZ Maria 510-758-0
Hernandez
3323 * BOGART Fines C 510-758-1
3326 * MYERS Larry OO
3327 * JEREMIASON Thomas OO
3329 * CUNNINGHAM Luann OO
3333 * WILKINS Kenneth OO
3337 * KERNES David OO
3341 * NUNES Virginia OO
3345 * BERGH Charlotte OO
3349 * SCHLEGEL Robt E 510-758-5
3353 * WU David OO
3357 * MANES Roy OO
3361 * BRUNI Robt R 510-758-4

X GALBRETH RD
X SARITA CT

3365 * OLIVERO Don 510-758-0
* OLIVERO Lene 510-758-0
3369 * BUSH Allen 510-758-4
* BUSH Barbara 510-758-4
3373 * LAENDORFF Gary OO
WALKER Rasheeda 510-758-1
3377 * BISI Donna 510-758-6
* BISI Roy F 510-758-6
3381 * FUNDERBURK Allen OO
3385 * PACE Kelvin OO
3389 * LABON Miguel 510-758-4

X COLLINS AV

3501 * ELLERHORST 510-758-1
ELEMENTARY SCHOOL
* WEST CNTRA CST SC 510-758-1
ELLERHORST
* YMCA YNG MN'S 510-262-6
CHRSTN ASC
3605 * SAK Brian OO
3615 * HARDESTY Gary E 510-758-3
3625 * LOPEZ Ceron OO
3635 * RAMIREZ Juan OO

X SAVAGE AV
X MONTE VISTA D
X MONTE VERDE
X SIMAS AV

3793 * CHUCK Elizabeth OO
X MARTINEZ CT
3795 * CRUZ Donald OO
3797 * ALVARADO Robt 510-758-8

X WRIGHT AV

3799 * KAWAKAMI Susan OO
3801 * GRAY Edwin D 510-758-2
3805 * PALMA Joseph OO
3809 * OLANDAG Joe OO
3813 * KEITH KLAUBBEN 510-758-3
BACKHOE SERVICE
* KLUBBEN Keith OO

X HOYTT CT

3940 * MATTINGLY Kimble OO
3950 * MCKAY C E 510-758-34
X TAPER
3960 * ESPINOZA Karen 510-758-16
* LAZARO Frank OO

PINON Hugh 799-1494
 00
 W Ricky G 799-0607 7
 00
 00
 R Kenneth 799-2463
 S 6 RES 0 NEW

CALIF 94564

huck 724-8232 +6
 ladys 724-8232 +6
 AL GLASS CO 724-7677 2
 VERY TOYS 724-6423 +6
 RIGHT HANDYMAN 758-3283 +6
 TE HANDYMAN 758-3283 +6
 NSTINE M 758-3738 8
 CA J 724-5582 +6
 ON Richard M 724-2412 5
 CTIONS BLYLER 741-8466 +6
 CTOR GENERAL 222-2484 +6
 LD Mark W 758-2825 9
 Francis 262-9546 2
 EXTERMINATING 758-1552 5
 A ADELA PIANO 758-2536 4
 YLOR PLUMBING 724-1228 +6
 ER ROTO SEWR SV 758-8100
 ROOTER SWR SRV 758-8100
 TRUCK RENTAL 724-4499 3
 ACEGORRILL M 741-8512 0
 KERS REMODELING 222-2484 +6
 US 8 RES 10 NEW

(87) 94547
 ES

TH CODE 7.0

John 741-7049 4
 G Arnie 724-5931
 G Susan 724-5931
 SON David 00 5
 Fred 00 5
 N Evan 00 5
 LLYN Chris 724-8488
 LLYN Liz 724-8488
 S 8 RES 0 NEW

AV 94572 RODEO

TH CODE 2.0

DR Leroy 00 5
 CK Thelma M 245-0417 +6
 Christopher 00 5
 00
 FORD Louis 799-4051
 00
 ARY F 799-2778
 RSON Louis 00 5
 AN Michael 00 5
 Harvina 799-2905

2689 *JACK IN THE BOX 724-5824 4
 2690 *PINOLE VLY SHELL 758-2346
 2695 *KEN BETTS CHEVRON 758-3535
 2700 *HOUSE OF HUNAN 758-0188
 2701 *JAY VEE LIQUORS 758-2028
 *PIZZA PLENTY 758-2800 0
 *SUBWAY SNDWCH&SALA 758-4000 9
 *YUMYGURT 758-0600 9
 2702 XXXX 758-4878 9
 2704 *FIAT MUSIC CO 00
 *FIAT SC LANGUAGES 758-1117
 *JAMES FIAT ORCHESTR 758-7777 8
 758-1117
 2706 XXXX 00
 2708 XXXX 00
 2710 XXXX 00
 2712 *HOLLYWOOD NIGHT VDO 758-4024 9
 2714 XXXX 00
 2718 *PINOLE VLY BRBR SHP 758-0315 3
 2722 *PARTY FACTORY 758-0112 2
 2724 *DEPOT REAL ESTATE 758-9700 9
 2727 *ZIPS RESTAURANT 758-6171
 2728 XXXX 00
 2730 XXXX 00
 2734 XXXX 00
 2742 XXXX 00
 2747 *PINOLE VLY ARCO WSH 758-9111
 2750 *LUCKY FOOD CENTERS 223-5600 +6
 2752 XXXX 00
 2762 *CREEKSIDE CLEANERS 669-1500 5
 2772 *LA SPAGHETTATA 262-9202 2
 *RISTORANTE ITALIANO 262-9202 2
 2776 XXXX 00
 2782 *JOHN YEE KUNG FU 669-1849 5
 2792 XXXX 00
 2801 *ALAMODE DONUT SHOP 758-8008 0
 *AMER PROTECTIVE SRV 758-1500
 *BICKHAM PAUL INS 758-7160 8
 *FARMERS INS 758-1070 0
 *SEGERDELL BOB INS 758-1070 8
 *TRANSITIONS 758-5050 4
 2810 *BEACON OF PINOLE 758-6747 1
 *PINOLE VLY BEACON 758-6747
 2830 *CHILDRENS EXCHANGE 758-1652 0
 *COMIC CARDS ETC 223-7364 5
 *CUT IN OUT HELEN 758-6200 5
 *CUT IT OUT 758-0604 2
 *GENTLE DENTAL 758-6684 5
 *HAIR BARN THE 223-5717 +6
 *MANICURING&PEDICURE 669-0461 5
 2860 *BARRY EVANS STUDIO 758-8267 2
 *BOSS TRAVEL 758-3050 7
 *CATCH SUM RAYS 758-7297 7
 *EVANS BARRY STUDIO 758-8267 2
 *PINOLE FMLY VDO CTR 758-6456 5
 *RICOS MEXICAN FOOD 222-7420 4
 *RICOS MEXICAN FOOD 758-7426 5
 *VILLANUEVA ED 222-6064 1
 2869 *LOTTERY TICKET SLS 758-8633 9
 *SEVEN 11 FOOD 14206 758-8633
 2870 *RED ONION THE 758-9462
 2885 *PINOLE VLY BAPT CH 758-9313
 2900 *PINOLE VLY HS 758-4664
 *PINOLE VLY HS BINGO 758-6604 2
 *PINOLE VLY HS FRNSC 758-4057 9
 *PINOLE VLY HS GYM 758-5261
 *PINOLE VLY HS LDRSH 222-9844 0
 *PINOLE VLY HS THTR 758-8281 7
 *SPARTAN PUBLICATNS 758-7847
 *WEST CNTRA CST SC 758-4664 +6
 *WEST CNTRA CST SC 758-7510 +6
 2935 *CONTCSTA CO LBRY 758-2741

3950 *MCKAY C
 3960 *LAZAR D
 4005 *SHEP M
 LOVE Ma
 4015 *MCQUEEN
 4025 *SWANDA
 4100 XXXX
 4300 *BAR Z CO
 4700 *RADCLIFF
 4900 *OLDS Wa
 6001 MOHRING
 NO # *COLLINS I
 * 81 BUS

PINON AV

WEALTH C
 200 *GRANGER V
 204 *LEGERE Jo
 208 XXXX
 209 *LANDO Dian
 211 HAGGERT C
 *HAGGERTY
 213 *TSUNADA Be
 TSUNADA Te
 216 *THOMAS Edv
 221 XXXX
 222 *HANSEN Willi
 228 *PRAML David
 229 XXXX
 288 XXXX
 660 *PETTY Harry
 674 *ISRAELSKY G
 688 SUM Niramol
 * 0 BUS

**PIONEER CT
EL SOBRANT**

WEALTH CODE
 200 IBAY Noel
 *SEPEHR Manso
 201 *CAREY Patrick
 204 *BROOKS Michael
 208 HUFF James O
 209 *NISHIOKA Micha
 212 XXXX
 213 *SHYU John
 216 *MONK C
 *MONK M
 * 0 BUS 10

PIPPIN 94603

WEALTH CODE 0
 9801 XXXX
 9901 *OMEGA ELECTRIC
 9911 *SHUTTLEWORTH I
 9913 *MORENO Ramon
 10008 *KRAJEWSKI Frank

1992

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OAKLAND

THE H

TER (88)
 ABLO
 00
 236-0135 9
 234-6394
 234-6394
 236-0682 8
 236-0682 8
 236-8683 9
 00
 8 RES 0 NEW

T 94547
 799-1494
 00
 799-0607 7
 799-9294
 799-9294 1
 799-2463
 6 RES 0 NEW

LIF 94564
 724-6612 1
 223-4551 5
 724-7677 +2
 758-3738 8
 724-0995 4
 741-8466 +2
 758-2825 9
 262-9546 +2
 758-8100
 758-8100
 724-4225 1
 758-2308 +2
 758-0222 1
 741-8512 0
 6 RES 4 NEW

94547
 00
 724-5931 +2
 724-5931 +2
 00
 00
 00

PINOLE VLY RD 94564 CONT.
 2728 XXXX 00
 2730 XXXX 00
 2734 XXXX 00
 2742 XXXX 00
 2747 *PINOLE VLY CAR WASH 758-9111
 2750 *LUCKY FOOD CENTERS 223-5600 9
 2752 XXXX 00
 2762 XXXX 00
 2772 *LA SPAGHETTATA 262-9202 +2
 *RISTORANTE ITALIANO 262-9202 +2
 2776 XXXX 00
 2782 XXXX 00
 2792 XXXX 00
 2801..... BUILDING
 *ALAMODE DONUT SHOP 758-8008 0
 *AMER PROTCTVE PRSNL 222-6331 +2
 *AMER PROTECTIVE SRV 758-1500 6
 *BICKHAM PAUL INS 758-7160 8
 *E R A SUPERIOR HMS 758-9888 8
 *FARMERS INS 758-1070 0
 *GIOVANNIS BTY SPLY 758-5030 8
 *GIOVANNIS HRCTTNG 758-5050 6
 *NORTH AMER TITLE CO 758-8650 9
 *PRUDENTIAL INS AMER 758-0363 1
 *SEGERDELL BOB INS 758-1070 8

2801.....
 2810 *BEACON OF PINOLE 758-6747 1
 *PINOLE VLY BEACON 758-6747 3
 2830 *CHILDRENS EXCHANGE 758-1652 0
 *CUT IT OUT 758-0604 +2
 *LITTLE CAESARS PZZA 758-0241 0
 *PINOLE VLY SCHWINN 758-2453 0
 *POSTAL DEPOT 758-4391 0
 *SCHWINN OF PNLE VLY 758-2453 +2
 D *MAIL PLUS 758-5555 +2
 D *WESTRN UNION PCK UP 758-5555 +2
 2860 *ACADEMY OF DANCE 758-6022 +2
 *BARRY EVANS STUDIO 758-8267 +2
 *BOSS TRAVEL 758-3050 7
 *CATCH SUM RAYS 758-7297 7
 *COSTUME CORNER 758-6022 1
 *EVANS BARRY STUDIO 758-8267 +2
 *SCHULTZ CHIRO CLNC 758-6628 +2
 *VILLANUEVA ED 222-6064 1
 2869 *LOTTERY TICKET SLS 758-8633 9
 *SEVEN 11 FOOD 14206 758-8633
 2870 *RED ONION THE 758-9462 6
 2885 *PINOLE VLY BAPT CH 758-9313
 2900 *PINOLE VLY HI SC 758-4664
 *PINOLE VLY HI SC 758-6604 +2
 *PINOLE VLY HS FRNSC 758-4057 9
 *PINOLE VLY HS GYM 758-5261
 *PINOLE VLY HS LDRSH 222-9844 0

PIPPIN 94
 9801 XXXX
 9901 *OMEGA E
 9911 SHUTTLE
 9913 SILVA Jos
 10022 XXXX
 10023 XXXX
 10027 *AMER WE
 10116 XXXX
 10122 XXXX
 10123 XXXX
 10209 XXXX
 10218 WILLIS Mi
 10219 MCCLEND
 10226 XXXX
 10235 XXXX
 10236 XXXX
 10300 XXXX
 10301 GIBSON As
 WESSON J
 10306 XXXX
 10307 AUGUSTIN
 10315 XXXX
 10320 XXXX
 10400 VENEGAS
 10401 XXXX
 10407 *RAVEN TR
 10408 XXXX
 10415 XXXX
 10418 XXXX
 10421 ACOSTA Jo
 10424 ELLIS David
 10427 XXXX
 10430 XXXX
 10436 REED Jas
 10441 XXXX
 10442 XXXX
 10443 BIVINS Lula
 BIVINS Lula
 10444 XXXX
 10500 MONTGOME
 10501 HOLLOWAY
 10507 XXXX
 10508 PINDER M
 10516 RAIGOZA R
 10517 XXXX
 10519 XXXX
 10531 LANDEROS
 10534 CARROL Jo

00	655-8040	6	2690	*BETTS KEN CHEVRON	758-0188	5	216	MONK C	
00	655-8040	6	2695	*KEN BETTS CHEVRON	758-0228	4		MONK M	
00	547-1727		2700	*HOUSE OF NUNAN	758-8082	9		*D BUS	9 RES
00	658-5720	6	2701	*DRY CLEAN USA	758-8800	+0			
00	547-2346			*JAY VEE LIQUORS	758-4000	9			
00	420-1202	+0		*PIZZA PLENTY	758-3600	9			
00	420-1202	+0		*SUBWAY SANDWICHES	758-4878	9			
00	547-3783			*YUMYGURT	00				
00	547-7434	9	2702	XXXX	758-1117				9801 XXXX
00	547-7434	9	2704	*FIAT MUSIC CO	758-7777	8			9901 *OMEGA ELECTRIC
00	547-1825			*FIAT SC LANGUAGES	758-1117	1			9911 SHUTTLEWORTH I Ch
00	654-7053	4		*JAMES FIAT ORCHESTR	758-0825	9			SHUTTLEWORTH Ira
00	658-4997	2	2706	*PARK FLORIST	758-0825				9913 SILVA Jos B
00	420-0623	8		*PERATAS PARK FLORST	758-5501	+0			10022 GEORGE J
00	547-3771			*ACE HARDWARE	00				10023 XXXX
00	547-3889		2708	XXXX	758-4024	9			10027 *AMER WESTERN GRA
00	547-2718		2710	*HOLLYWOOD NIGHT VDO	758-2161				10116 CORTEZ Alfonso
00	547-3061		2712	*MERCURY DRY CLEANER	758-2161				10122 XXXX
00	547-3061	2	2714	*RUG DOCTOR RENTS	758-2161				10123 XXXX
00	547-7418	+0		*BILL'S BARBER SHOP	758-0315	9			10209 XXXX
00	3 NEW		2718	*B YOUNG FASHIONS	758-2722	9			10210 XXXX
00			2722	*DEPOT REAL ESTATE	758-9700	9			10218 WILLIS Mimi
00			2724	*ZIPS RESTAURANT	758-6171	4			10219 MCCLENDON Roy
00			2727	XXXX	00				10226 TOOMER E
00			2728	XXXX	00				10235 PACE Carl
00			2730	XXXX	00				10236 XXXX
00			2734	XXXX	00				10300 XXXX
00			2742	XXXX	758-9111				10301 WESSON Jean
00			2747	*PINOLE ARCO CAR WSH	223-5600	9			10306 XXXX
00			2750	*LUCKY FOOD CENTERS	00				10307 AUGUSTIN C D
00			2752	XXXX	758-8337	+0			10315 XXXX
00			2762	*PINOLE VALLEY TEES	758-2650	+0			10320 XXXX
00			2772	*MONAS COPPER SKILLT	00				10400 VENEGAS Javier
00			2776	XXXX	758-1710	+0			10401 XXXX
00			2782	*PHILIPPINE VARIETY	758-1577	3			10407 *RAVEN TRUCKING
00			2792	*ELAINES BAKE SHOP	758-8008	+0			10408 XXXX
00			2801	*ALA MODE DONUT SHOP	758-1500	6			10415 XXXX
00				*AMER PROTECTIVE SRV	758-7160	8			10418 XXXX
00				*BICKHAM PAUL INS	758-9888	8			10421 XXXX
00				*E R A SUPERIOR HMS	758-1070	+0			10424 ELLIS David Jr Mrs
00				*FARMERS INS	758-5050	6			10427 XXXX
00				*GIOVANNIS HRCTTNG	758-5030	8			10430 XXXX
00				*GIOVANNIS HRCTTNG	758-8686	+0			10436 REED James
00				*LANETTES BOUTIQUE	758-8650	9			10441 XXXX
00				*NORTH AMER TITLE CO	758-1070	8			10442 XXXX
00				*SEGERDELL BOB INS	758-6747	5			10443 XXXX
00			2810	*DIMALANTAS BEACON	758-6747	3			10444 WOOD V M
00				*PINOLE VLY BEACON	758-1652	+0			10500 MONTGOMERY Oscar
00			2830	*CHILDRENS EXCHANGE	758-2640	+0			10501 HOLOWAY Larry
00				*JUST 4 U HAIR&NAILS	758-0241	+0			10507 XXXX
00				*LITTLE CEASARS PZZA	758-2453	+0			10508 PINDER M
00				*PINOLE VLY SCHWINN	758-4391	+0			10516 XXXX
00				*POSTAL DEPOT	758-4391	+0			10517 XXXX
00				*WESTRN UNION	758-3050	7			10519 XXXX
00			2860	*BOSS TRAVEL	758-7297	7			10531 LANDEROS Olivia
00				*CATCH SUM RAYS	758-6201	7			10534 CARROL Jose
00				*SOUP ER YOGURT	758-8633	9			10535 GRAY Luther C
00			2869	*LOTTERY TICKET SLS	758-8633	1			10541 HAWKINS Willie M
00				*SEVEN 11 FOOD 14206	758-9462	6			10544 HYSTEN Wm N
00			2870	*RED ONION THE	758-9313				10545 STEWART Luke
00			2885	*PINOLE VLY BAPT CH	758-4664				10607 BRIDGETTE Tina
00			2900	*PINOLE VLY HI SC	758-4057	9			EMERSON Marcia
00				*PINOLE VLY HS FRNSC					

1990

PIPPIN 94603 OA

R (88)
BLO

(81) 94547

IF 94564

00	547-0671	2689	JACK IN THE BOX	758-3535	10027	AMER
00	547-0484	2690	PINOLE VLY SHELL	758-9970	10030	XXXX
3	547-3585	2695	BETTS KEN CHEVRON	758-9970	10100	IL S M
00	547-1681	2700	BETTS KEN TOWING	758-9970	10107	BUNH
00	547-3066	2701	CHEVRON STATIONS	758-0185	10218	FURTU
00	547-0718	2702	KEN BETTS CHEVRON	758-2028	10219	MJCL
00		2704	HOUSE OF HUNAN	758-7799	10226	XXXX
00		2708	BEACON SV STN 545	758-4641 +6	10235	XXXX
6	654-1702 +6	2710	WEEDLE&DEEDLE DELI	758-1117	10236	XXXX
5	654-1702 +5	2714	FIAT MUSIC CO	758-1117	10300	WILLI
00		2718	JAMES FIAT ORCHESTR	758-0255	10301	WESS
00		2722	ACE HARDWARE	758-0255	10306	WILLI
00		2724	PINOLE VLY ACE HRDW	00	10307	AUGU
00		2727	XXXX	758-2161	10315	XXXX
00		2728	MERCURY DRY CLEANER	758-0825	10320	XXXX
00		2730	PARK FLORIST	758-0825	10401	XXXX
00		2734	PERATAS PRK FLORIST	758-2161	10407	RAVE
00		2742	RUG DOCTOR RENTS	758-0315	10408	WALK
00		2747	PINOLE VLY BARBER	758-7999	10415	XXXX
00		2752	SANDPIPER HALLMARK	758-5038	10418	XXXX
00		2757	LUCKY VIDEO CENTER	758-6171	10421	XXXX
00		2762	ZIPS RESTURANT	758-6022	10424	ELLIS
00		2767	ACADEMY OF DANCE	758-6022	10427	XXXX
00		2772	COSTUME CORNER	758-1433	10430	XXXX
00		2777	MANUELS HAIRSTYLIST	00	10436	REED
00		2782	XXXX	758-3056	10441	HAIRS
00		2787	PINOLE VLY PHARMACY	758-3056	10442	MOSE
00		2792	REXALL PINOLE PHRMC	758-9111	10443	HOLL
00		2797	PINOLE VLY CAR WASH	00	10444	XXXX
00		2801	XXXX	758-8010	10500	MONT
00		2806	TIA TEYS TAQUERIA	758-4562	10501	XXXX
00		2811	RED VEST PIZZA PRLR	758-5670	10507	XXXX
00		2816	EAST BAY PIZZA	758-7723	10508	PINDE
00		2821	MAXWELL OFFICE PROD	758-1577	10516	XXXX
00		2826	ELAINES BAKE SHOP	758-1500 +6	10517	XXXX
00		2831	AMER PROTECTIVE SRV	758-5400 +6	10519	XXXX
00		2836	GEMINI VIDEO	758-5050 +6	10531	LAND
00		2841	GIOVANNIS HRCTTNG	758-1600 +6	10534	CARR
00		2846	HEUN CHIROPRACTIC	758-1600 +6	10535	GRAY
00		2851	HEUN SCOTT DC	758-4348 +6	10541	HAWK
00		2856	WILLIAMS A L&ASC	758-6747	10544	HYST
00		2861	DIMALANTAS TEXACO	758-6747	10621	XXXX
00		2866	PINOLE VLY TEXACO	758-9700	10712	CARB
00		2871	DEPOT REALTY	758-8633	10725	XXXX
00		2876	SEVEN 11 PNLE 14206	758-4309	10727	XXXX
00		2881	DEPOT DOGS	758-9462 +6	10740	COLL
00		2886	RED ONION THE	758-9313	10748	HART
00		2891	PINOLE VLY BAPT CH	758-4664	10751	NART
00		2896	PINOLE VLY HI SC	758-5261	10751	XXXX
00		2901	PINOLE VLY HI SC	758-7847	10762	XXXX
00		2906	SPARTAN PUBLICATNS	758-2741	10763	XXXX
00		2911	CONTCSTA CO LBRY	758-6200	10777	XXXX
00		2916	JAY VEE LIQUORS 17	758-1400 +6	10778	MOO
00		2921	JAY VEE MINI STRG	758-2580	10785	WILLI
00		2926	PINOLE VLY UNION	758-8050	10786	RUSS
00		2931	BARTELS REALTORS	758-8190	10786	NOEL
00		2936	ANDERSON WAYNE REV	00	10799	BROC
00		2941	XXXX	00	10799	BROC
00		2946	XXXX	00		
00		2951	EVANGELHO A J	758-2458		
00		2956	PRITCHETT BILL	758-1695	9	★ 5 B
00		2961	XXXX	00		
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00		2971	JOHNSON ROBT F	223-6848		PITTSBU
00		2976	XXXX	00		RICHMO
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94547

HUGH
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10 RES

LIF 94564

RY PHOTO

1300	SCHOBERS	758-3427	10107	FL
1400	CESELINI JIMMY	724-1534	10210	BO
1580	ASAMIS DEAN PRO SHP	724-3718	10218	BE
2689	JACK IN THE BOX	758-2346	10219	FO
2690	PINOLE VLY SHELL	758-3535	10226	MC
	STEGMAN RANDY	758-3535	10235	XX
2695	BETTS KEN CHEVRON	758-9970	10236	XX
	BETTS KEN TOWING	758-9970	10300	WI
	CHEVRON STATIONS	758-9970	10301	WE
	KEN BETTS CHEVRON	758-0188	10306	WI
2700	HOUSE OF HUNAN	758-2028	10307	A
2701	BEACON SV STN 545	758-7799	10315	XX
2702	SANFRAN DELI	758-4641	10320	XX
2704	FIAT MUSIC CO	758-1117	10401	XX
	JAMES FIAT ORCHESTR	758-1117	10407	RA
2708	ACE HARDWARE	758-0255	10408	WA
	PINOLE VLY ACE HRDW	758-0255	10415	XX
2710	XXXX	00	10418	XX
2714	MERCURY DRY CLEANER	758-2161	10421	XX
	PARK FLORIST	758-0825	10424	ELL
	PERATAS PRK FLORIST	758-0825	10427	XX
	RUG DOCTOR RENTS	758-2161	10430	XX
2718	PINOLE VLY BARBER	758-0315	10436	REE
2722	SANDPIPER THE	758-7999	10441	XX
2724	LUCKY VIDEO CENTER	758-5038	10442	MOS
2727	VIPS RESTAURANT	758-6171	10443	HOL
	ZIPS RESTURANT	758-6171	10444	XX
2728	ACADEMY OF DANCE	758-6022	10500	MON
	COSTUME CORNER	758-6022	10501	XX
2730	MANUELS HAIRSTYLIST	758-1433	10507	XX
2734	SCHNEIDER F INTEROR	758-2317	10508	PIND
2742	PINOLE VLY PHARMACY	758-3056	10516	WOL
	REXALL PINOLE PHRMC	758-3056	10517	XXX
2747	PINOLE VLY CAR WASH	758-9111	10519	WILE
2752	XXXX	00	10522	CHAN
2762	TIA TEYS TAQUERIA	758-8010	10531	LAND
2772	RED VEST PIZZA PRLR	758-4562	10534	CARF
2776	EAST BAY PIZZA	758-5670	10535	GRAY
2782	MAXWELL OFFICE PROD	758-7723	10541	HAWK
2792	ELAINES BAKE SHOP	758-1577	10544	HYST
2810	DIMALANTAS TEXACO	758-6747	10621	XXX
	PINOLE VLY TEXACO	758-6747	10725	DORS
2830	DEPOT REALTY	758-9700	10727	XXX
2869	SEVEN 11 PNLE 14206	758-8633	10740	COLL
2870	DEPOT DOGS	758-4309	10748	HOGA
2885	PINOLE VLY BAPT CH	758-9313	10751	HART
2900	PINOLE VLY HI SC	758-4664	10751	NART
	PINOLE VLY HI SC	758-5261	10751	XXXX
	PINOLE VLY HI SC	758-8281	10762	XXXX
	SPARTAN PUBLICATNS	758-7847	10763	XXXX
2935	CONTCSTA CO LBRY	758-2741	10777	XXXX
2975	JAY VEE LIQUORS 17	758-6200	10778	DATLIM
2995	PINOLE VLY UNION	758-2580	10785	RUSSE
3088	BARTELS REALTORS	758-8050	10786	NOEL
3100	ANDERSON WAYNE REV	758-8190	10799	BROOM
3101	XXXX	00	10799	BROOM
3106	XXXX	00	10799	BROOM
3107	EVANGELHO A J	758-2458	★	4 BUS
3112	PRITCHETT BILL	758-1695		
3115	XXXX	00		
3124	XXXX	00		
3130	JOHNSON ROBT F	223-6848		
3164	XXXX	00		
3170	XXXX	00		
3176	XXXX	00		
3182	XXXX	758-1239	+5	
3188	BARKER JOY	758-1143	+5	

1985

PITTSBUR
RICHMON

320 C S COF
DEVALL
HAMBER
DENNING
4 BUS

WM C 547-3585 3
 CHLD 547-1681
 DENNIS J 547-3066
 DONALD TWNSN 547-0718
 G MRS 00
 00
 KEVIN 658-0618 1
 ERG ANGUS H 547-1074
 00
 WELL PATRICK J 547-2443
 00
 DWIGHT L 547-3589
 00
 00
 ROBT J 547-1727
 00
 00
 TER WM W 547-2346
 00
 00
 ER HAROLD 547-3783
 00
 00
 O IGNAZIO 654-0223 1
 S A 547-1825 0
 ERNEST 547-1825
 THOS J 654-7053 +4
 ARTHUR 547-1196
 YNS LESLIE L 653-4997 2
 JOS P 547-3771 8
 ON VERNON 547-3889
 JOHN 547-2718
 BERG MARK S 547-3061 2
 00
 S 36 RES 1 NEW

CT 94547
 ES

NON HUGH 799-1494 1
 00
 S J 799-7452 1
 S E S 799-9336 1
 L K 799-9336 1
 EL ALAN D 799-3883 +4
 RUEYMING 799-3093 3
 RDS LAWRENCE G 799-6317 1
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 R KENNETH 799-2463 1
 S 10 RES 1 NEW

CALIF 94564

NCE PRODUCTS 223-7728
 CIATED TECHNICAL 799-5111 1
 UCCI J LANDSCAPE 724-5051 +4
 ANLIN STUDIO 758-7755 1
 EN JEANNE 724-5833 +4
 O CO THE 223-5555 1
 INTIC LANDSCAPE 223-6597 +4
 ELLY SECURITY 223-3152 2
 BAY JANITORIAL 223-4802 2
 S BARRY PHOTO 758-8267 9
 HOTO 222-6673 +4

HUSTED 00
 1035 XXXX 00
 1037 XXXX 00
 1041 XXXX 724-3290 +4
 1109 XXXX 724-8499 0
 1129 CATRINO ALFRED A
 1139 FLYNN J MICHAEL 00
 1165 XXXX 00
 1169 XXXX 00
 1215 XXXX 724-9287 0
 1221 ANDERSON PAUL M SR 724-3615 0
 FARIA MARY A 724-3765 0
 1231 CATRINO JOHN 724-8993 0
 1235 BROWNLEE D M 724-1333 0
 BROWNLEE JAS M 724-3376 0
 1237 BELL ROBT S 00
 1241 XXXX 00
 1247 XXXX 234-3761 3
 1249 C E D INC 724-0600 2
 COMPUTER DSGN GRPHC 234-3761 3
 ENVIRONMNTL MCRSCP 758-0370 8
 1261 HURN HOMER 758-0647 3
 RICHARDSON BRENT 758-3427
 1264 CLOONSHEE KENNEL 724-1554 1
 1300 SCHOBERS 724-3718 0
 1400 CESELINI JIMMY 724-7748 2
 1580 ASAMIS DEAN PRO SHP 758-2346 3
 2689 JACK IN THE BOX 758-3535
 2690 PINOLE VLY SHELL 758-3535
 STEGMAN RANDY 758-9970 0
 2695 BETTS KEN CHEVRON 758-9970 1
 BETTS KEN TOWING 758-9970 6
 CHEVRON STATIONS 758-2028 +4
 2700 HOUSE OF HUNAN 758-7799 2
 2701 BEACON SV STN 545 758-4641 0
 2702 SANFRAN DELI 758-1117
 2704 FIAT MUSIC CO 758-1117 1
 JAMES FIAT ORCHESTR 758-0255 5
 2708 PINOLE VLY ACE HRDW 00
 2710 XXXX 00
 2714 MERCURY DRY CLEANER 758-2161 8
 PARK FLORIST 758-0825 0
 PERATAS PRK FLORIST 758-0825 0
 RUG DOCTOR RENTS 758-2161 0
 2718 PINOLE VLY BARBER 758-0315 +4
 2722 SANDPIPER THE 758-7999 9
 SANDPIPER VARIETY 758-7999 8
 2724 BRIDES OF PINOLE 758-4399 9
 2727 VIPS RESTAURANT 758-6171 9
 ZIPS RESTURANT 758-6171 +4
 2728 ACADEMY OF DNC&BTN 758-6022 1
 COSTUME CORNER 758-6022 2
 2730 MANUELS HAIRSTYLIST 758-1433
 2734 SCHNEIDER F INTEROR 758-2317
 2742 PINOLE VLY PHARMACY 758-3056 9
 REXALL PINOLE PHRMC 758-3056
 2747 PINOLE VLY CAR WASH 758-9111 0
 2752 XXXX 00
 2762 PITAS CORNER 758-8010 +4
 TIA TEYS TAQUERIA 758-8010 +4
 2772 RED VEST PIZZA PRLR 758-4562 3
 2776 XXXX 00
 2782 MAXWELL OFFICE PROD 758-7723 1
 2792 ELAINES BAKE SHOP 758-1577 3
 2810 PINOLE VLY TEXACO 758-6747 3
 2830 DEPOT REALTY 758-9700 6

PIPPIN 94603
 1984
 9901 BATES AUTO
 9901 OMEGA ELE
 9911 SHUTTLEWO
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 9913 SILVA JOS B
 9921 COULTER KA
 10027 AMER WEST
 10030 FLOYD GEO
 10107 BONHAM E
 10108 XXXX
 10115 XXXX
 10116 CARPENTER
 10123 XXXX
 10209 XXXX
 10219 MCCLENDON
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 10235 XXXX
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 10300 WILLIAMS M
 10301 WESSON JE
 10306 WILLIAMS E
 10307 AUGUSTIN C
 10315 XXXX
 10320 XXXX
 10401 XXXX
 10407 RAVEN REN
 10408 WALKER DO
 10415 XXXX
 10418 XXXX
 10421 XXXX
 10424 ELLIS DAVID
 10427 XXXX
 10430 XXXX
 10436 REED JAME
 10441 TOEFREE M
 10442 MOSELY OD
 10443 HOLLOWAY
 10444 XXXX
 10500 MONTGOME
 10501 CARLEY WIL
 10507 XXXX
 10508 PINDER M
 10516 WOLAND B
 10517 XXXX
 10519 WILES JEAN
 10522 XXXX
 10531 LANDEROS
 10535 GRAY LUTH
 10541 HAWKINS W
 10544 HYSTEN WM
 10621 SMITH BOB
 10725 DORSEY SH
 DORSEY SH
 10727 XXXX
 10740 CONNOR MC
 CONNOR MC
 LITTMAN ES
 10748 HART A
 HART A

MAP LAYERS

- Leaking Underground Storage Tank (LUST) Cleanup Sites
 - Cleanup Program Sites
 - Land Disposal Sites
 - Military Sites
 - WDR Sites
 - Irrigated Lands Regulatory Program
 - Permitted Underground Storage Tank (UST) Facilities
 - Oil and Gas Monitoring
 - Non-Case Information / Project Sites
 - Sampling Points - Public
 - Field Points
 - DTSC Cleanup Sites
 - DTSC Haz Waste Permit
 - DWR Groundwater Basins - [INFO](#)
 - Public Water Systems - [INFO](#)
- SIGNIFIES A CLOSED SITE

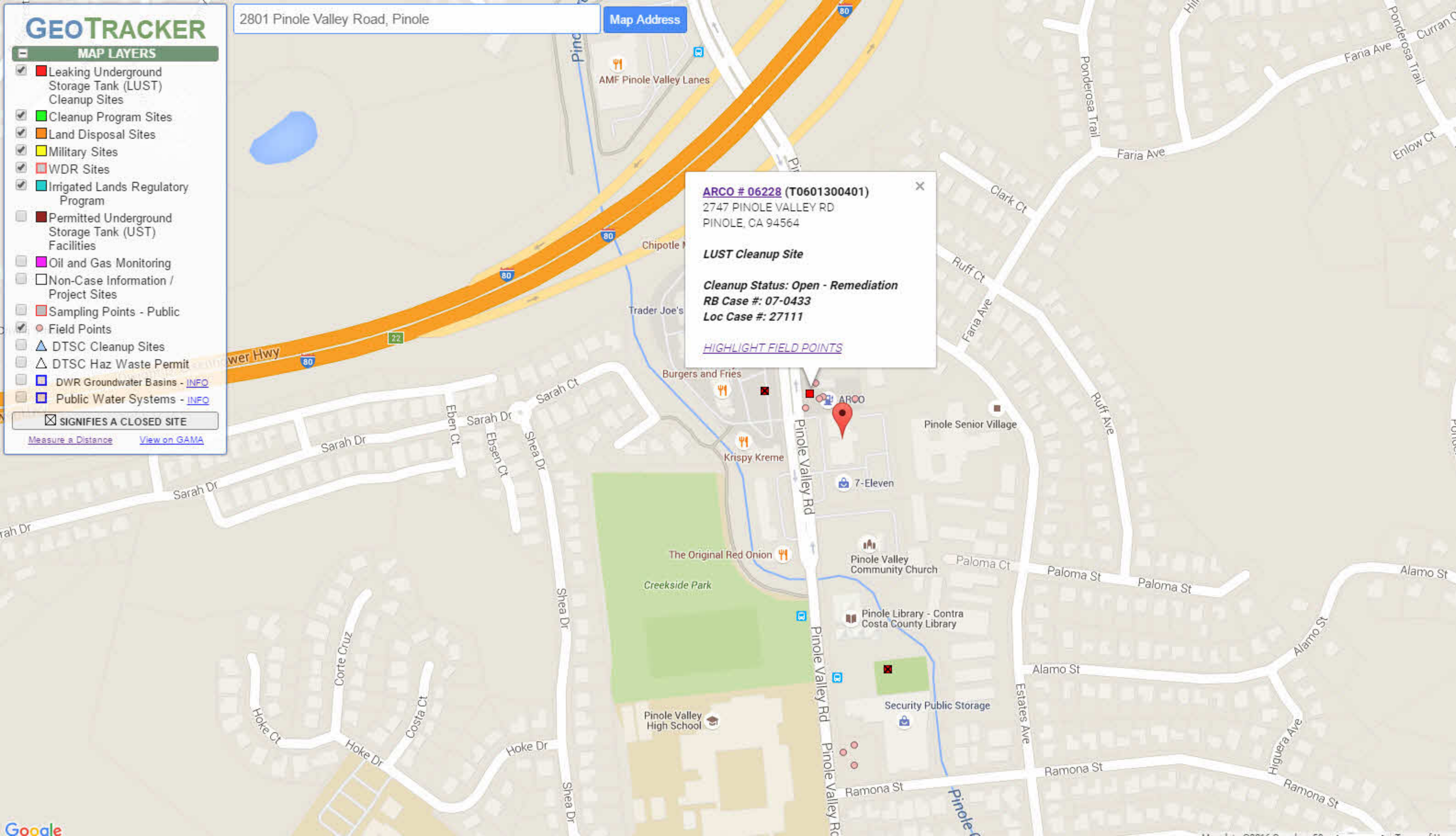
[Measure a Distance](#) [View on GAMA](#)

ARCO # 06228 (T0601300401)
2747 PINOLE VALLEY RD
PINOLE, CA 94564

LUST Cleanup Site

Cleanup Status: Open - Remediation
RB Case #: 07-0433
Loc Case #: 27111

[HIGHLIGHT FIELD POINTS](#)



ARCO # 06228 (T0601300401) - (MAP) [SIGN UP FOR EMAIL ALERTS](#)

<p>2747 PINOLE VALLEY RD PINOLE, CA 94564 CONTRA COSTA COUNTY LUST CLEANUP SITE PRINTABLE CASE SUMMARY / CSM REPORT</p>	<p>CLEANUP OVERSIGHT AGENCIES SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 07-0433 CASEWORKER: MARTIN MUSONGE CONTRA COSTA COUNTY - CASE #: 27111 CASEWORKER: SUE LOYD CUF Claim #: 11223 CUF Priority Assigned: D CUF Amount Paid:</p>
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- Summary
- Case Reviews
- Cleanup Action Report
- Regulatory Activities
- Environmental Data (ESI)
- Site Maps / Documents
- Community Involvement
- Related Cases

Regulatory Profile

CLEANUP STATUS - [DEFINITIONS](#)
OPEN - REMEDIATION AS OF 1/24/2001 - [CLEANUP STATUS HISTORY](#)

<p>POTENTIAL CONTAMINANTS OF CONCERN GASOLINE</p> <p>FILE LOCATION</p> <p>DWR GROUNDWATER SUB-BASIN NAME</p> <p>GROUNDWATER MONITORING FREQUENCY # OF WELLS MONITORED - SEMI-ANNUALLY : 11</p>	<p>POTENTIAL MEDIA OF CONCERN OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)</p> <p>BENEFICIAL USE GW - MUNICIPAL AND DOMESTIC SUPPLY</p> <p>RB WATERSHED NAME San Pablo - Pinole (206.60)</p>
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Site History

The Site is an active ARCO-branded gasoline retail outlet consisting of a convenience store building and a gasoline distribution system including two (2) gasoline underground storage tanks (USTs) with associated piping and dispensers. The Site located on the east side of Pinole Valley Road in a primarily commercial district of Pinole, California. The Site is located within the City of Pinole commercial corridor adjacent to Interstate 80. Accordingly, areas surrounding the Site are developed, paved, and/or occupied by structures/buildings with limited areas of landscaping.

A UST unauthorized release report was initially filed for Station No. 6228 in 1992 when hydrocarbon impacted soil was discovered during drilling activities. An automated car wash was previously located on the north side of the Site in the approximate location of the current station building. The automated car wash included an underground rinse water reclamation system. However, the exact location of the cistern was not indicated on previous Site maps. Pacific Environmental Group (PEG) reported that a leaky car wash cistern may have contributed to or be the primary source of perched water observed in the surficial materials. Groundwater monitoring has been conducted at the Site since 1994 and LNAPL bailing has been conducted on various wells at the Site since 1996. In November 2000, product piping, two 10,000-gallon and one 8,000-gallon fiberglass USTs were removed from the Site by Henderson Construction of Stockton, California under observation by Cambria Environmental Technologies, Inc. (Cambria).

Potential exposure to shallow contaminated groundwater by the public is minimal due to its depth and restricted access. Exposure to residual contaminated soil is also limited as extensive effort would be required to provide access (i.e., excavation).



**FIRST QUARTER 2017 GROUNDWATER MONITORING REPORT
Atlantic Richfield Company Station #6228
2747 Pinole Valley Road
Pinole, Contra Costa County, California**

Prepared for:

Mr. Chuck Carmel
Atlantic Richfield Company
4 Centerpointe Drive, Suite 200
La Palma, CA 90623

Prepared by:

Broadbent & Associates, Inc.
1370 Ridgewood Dr., Suite 5
Chico, California 95973
(530) 566-1400

March 3, 2017

No. 09-88-709



BROADBENT

1370 Ridgewood Drive, Suite 5, Chico, CA 95973

[T] 530-566-1400 [F] 530-566-1401

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March 3, 2017

Project No. 09-88-709

Atlantic Richfield Company
4 Centerpointe Drive, Suite 200
La Palma, CA 90623
Submitted via ENFOS

Attn.: Mr. Chuck Carmel

Re: First Quarter 2017 Groundwater Monitoring Report, Atlantic Richfield Company Station #6228, 2747 Pinole Valley Road, Pinole, California, Regulatory Site No. 07-0433.

Dear Mr. Carmel:

Attached is the *First Quarter 2017 Groundwater Monitoring Report* for Atlantic Richfield Company (a BP affiliated company) Station #6228, 2747 Pinole Valley Road, Pinole, California (Site). This report presents a summary of First Quarter 2017 groundwater monitoring results.

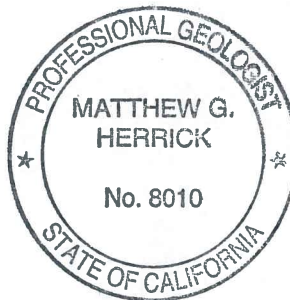
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Jason Duda
Senior Scientist

Matt Herrick, P.G., C.H.G.
Principal Hydrogeologist



Enclosure

cc: Mr. Martin Musonge, San Francisco Bay Region – Regional Water Quality Control Board
Ms. Sue Loyd, Contra Costa County – Hazardous Materials Program
Electronic Copy Uploaded to GeoTracker

**FIRST QUARTER 2017
GROUNDWATER MONITORING REPORT
STATION #6228, PINOLE, CA**

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *First Quarter 2017 Groundwater Monitoring Report* on behalf of Atlantic Richfield Company (a BP affiliated company) for ARCO Station #6228 located in Pinole, Contra Costa County, California. Reporting is being submitted to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) consistent with their requirements under the legal authority of the California Regional Water Quality Control Board, as codified by the California Code of Regulations Title 23, Section 2652(d). Details of work performed, discussion of results, and recommendations are provided below.

Facility Name / Address:	Station #6228 / 2747 Pinole Valley Road, Pinole, CA
Client Project Manager / Title:	Mr. Chuck Carmel / Project Manager
Broadbent Contact:	Jason Duda, (530) 566-1400
Broadbent Project No.:	09-88-709
Primary Regulatory Agency / ID No.:	SFBRWQCB, Case #07-0433
Current phase of project:	Monitoring and Offsite Assessment
List of Acronyms / Abbreviations:	See end of report text for list of acronyms/abbreviations used in report.

WORK PERFORMED THIS QUARTER (First Quarter 2017):

1. Prepared and submitted *Fourth Quarter 2016 Status Report* on January 20, 2017.
2. Conducted semi-annual groundwater monitoring and sampling for First Quarter 2017 on January 19, 2017.
3. Prepare and submit this *First Quarter 2017 Groundwater Monitoring Report* (contained herein).
4. Prepare and submit the *Offsite Groundwater Investigation Report*.

WORK SCHEDULED FOR NEXT QUARTER (Second Quarter 2017):

1. No environmental field work is currently scheduled to occur during Second Quarter 2017.

GROUNDWATER MONITORING PLAN SUMMARY:

Groundwater level gauging:	A-1 through A-7, EX-1, and V-1 through V-4 and EX-1	(1Q & 3Q)
Groundwater sample collection:	A-1 through A-4 and A-6 through A-7	(1Q & 3Q)
Biodegradation indicator parameter monitoring:	NA	

QUARTERLY RESULTS SUMMARY:

LNAPL

LNAPL observed this quarter:	Yes (well A-5 and V-1)	
LNAPL mixture recovered this quarter:	0.0	(gal)
Cumulative LNAPL mixture recovered:	161.3	(gal)

Groundwater Elevation and Gradient:

Depth to groundwater:	0.04 (A-1) to 47.47 (A-5)	(ft below TOC)
Gradient direction:	Northwest	(compass direction)
Gradient magnitude:	0.07	(ft/ft)
Average change in elevation:	1.92	(ft since last measurement)

Laboratory Analytical Data

Summary:

Analytical Results are as follows:

- GRO was detected in five wells at a maximum concentration of 1,400 µg/L in well A-4
 - DRO was detected in each of the six wells sampled at a maximum concentration of 2,400 µg/L in well A-1
 - Ethylbenzene was detected in well A-4 at a concentration of 0.66 µg/L
 - Total Xylenes were detected in well A-3 at a concentration of 1.9 µg/L
 - MTBE was detected in three wells at a maximum concentration of 3.1 µg/L in well A-2
 - TBA was detected in five wells at a maximum concentration of 330 µg/L in well A-3
-

ACTIVITIES CONDUCTED AND RESULTS:

First Quarter 2017 groundwater monitoring was conducted on January 19, 2017 by Broadbent personnel in general accordance with the monitoring plan summary detailed above. Light Non-Aqueous Phase Liquid (LNAPL) was present in wells A-5 at an approximate thickness of 0.25 ft and well V-1 at an approximate thickness of less than 0.01 ft. No other irregularities were noted during water level gauging. Depth to water measurements ranged from 0.04 ft in well A-1 to 47.47 ft in well A-5. Resulting groundwater surface elevations ranged from - 8.61 ft above datum at A-5 to 57.45 ft above datum at well A-1. Groundwater elevations are summarized in Table 1. Water level elevations yielded a potentiometric groundwater gradient to the northwest at approximately 0.07 ft/ft. Field methods used during groundwater monitoring are provided in Appendix A. Field data sheets are included in Appendix B. A Site Location Map is presented as Drawing 1. Potentiometric groundwater elevation contours are presented in Drawing 2.

Groundwater samples were collected on January 19, 2017 and were generally consistent with the current monitoring schedule. A sample was not collected from well A-5 due to the presence of LNAPL. No other irregularities were reported during sampling. Samples were submitted under chain-of-custody protocol to TestAmerica Laboratories, Inc. (Irvine, California) for analysis of GRO (C6-C12) and DRO (C10-C28) by EPA Method 8015B; and for BTEX, MTBE, ETBE, TAME, DIPE, EDB, 1,2-DCA, TBA, and Ethanol by EPA Method 8260B. The laboratory reported that the samples collected from well A-1 for analysis by EPA Method 8015B were collected in properly preserved vials for analysis of volatile organic compounds but the pH of three was outside the required criteria when verified by the laboratory and the sample was analyzed after seven days from sampling. No other significant irregularities were encountered during analysis of the samples. The laboratory analytical report, including chain-of-custody documentation, is provided in Appendix C.

Groundwater monitoring laboratory analytical results are summarized above and in Tables 1 and 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 2. Groundwater monitoring data (GEO_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation receipts are provided in Appendix D.

DISCUSSION:

Groundwater levels were between historic minimum and maximum elevations for each well gauged this quarter with the exception of a minimum level reached in well EX-1. Groundwater elevations yielded a potentiometric groundwater gradient to the northwest at approximately 0.07 ft/ft, generally consistent with the variable historic gradient data presented in Table 3. The detected analytical concentrations were within historic minimum and maximum ranges recorded for each well with the following exceptions: GRO reached a historic minimum concentration in well A-4, DRO reached historic minimum concentrations in wells A-1 and A-3, MTBE reached a historic minimum concentration in well A-4 and TBA reached historic minimum concentrations in wells A-1 and A-4. Recent and historic laboratory analytical results are summarized in Table 1 and Table 2.

RECOMMENDATIONS:

It is recommended to continue with the current semi-annual groundwater monitoring and sampling schedule as described above. The next semi-annual groundwater monitoring and sampling event is scheduled to be conducted during Third Quarter 2017. The *Offsite Groundwater Investigation Report* will be submitted under separate cover.

LIMITATIONS:

The findings presented in this report are based upon observations of field personnel, points investigated, results of laboratory tests performed by TestAmerica Laboratories, Inc. (Irvine, California), and our understanding of SFBRWQCB requirements. Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of the Atlantic Richfield Company. It is possible that variations in soil or groundwater conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

- Drawing 1: Site Location Map
- Drawing 2: Groundwater Elevation Contour and Analytical Summary Map, January 19, 2017

- Table 1: Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses
- Table 2: Summary of Fuel Additives Analytical Data
- Table 3: Historical Groundwater Gradient – Direction and Magnitude

- Appendix A: Field Methods
- Appendix B: Field Data Sheets
- Appendix C: Laboratory Report and Chain-of-Custody Documentation
- Appendix D: GeoTracker Upload Confirmation Receipts

LIST OF COMMONLY USED ACCRONYMS/ABBREVIATIONS:

BTEX:	Benzene, Toluene, Ethylbenzene, Total Xylenes	GRO:	Gasoline-Range Organics
1,2-DCA:	1,2-Dichloroethane	LNAPL:	Light Non-Aqueous Phase Liquid
DIPE:	Di-Isopropyl Ether	MTBE:	Methyl Tertiary Butyl Ether
DO:	Dissolved Oxygen	NO ₃ :	Nitrate as Nitrogen
DRO:	Diesel-Range Organics	ppb:	parts per billion
EDB:	1,2-Dibromomethane	SFBRWQCB:	San Francisco Bay Regional Water Quality Control Board
Eh:	Oxidation Reduction Potential	SO ₄ :	Sulfate
EPA:	Environmental Protection Agency	TAME:	Tert-Amyl Methyl Ether
ETBE:	Ethyl Tertiary Butyl Ether	TBA:	Tertiary Butyl Ether
Fe ²⁺ :	Ferrous Iron	TOC:	Top of Casing
ft/ft:	feet per foot	µg/L:	micrograms per liter
gal:	Gallons		

DRAWINGS

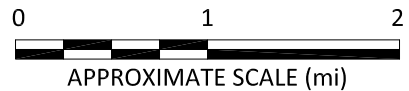
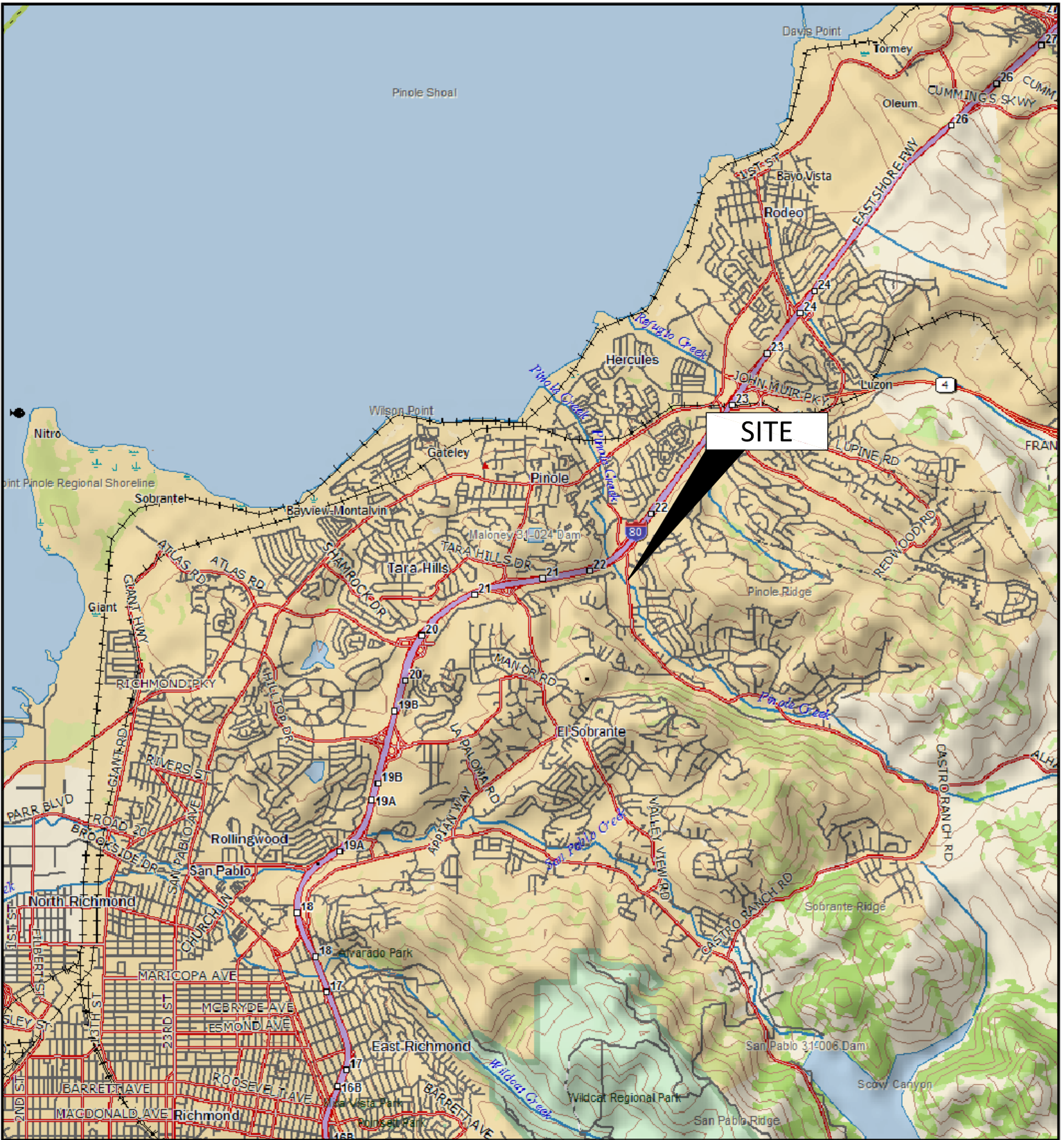


IMAGE SOURCE: DELORME



1370 Ridgewood Drive, Suite 5
Chico, California 95973

Project No.: 09-88-709 Date: 9/22/2016

ARCO Service Station #6228
2747 Pinole Valley Road
Pinole, California

Site Location Map

Drawing

1

A-7
45.69*
89
<0.50
<0.50

V-3
49.08
NS
NS
NS

A-6
42.32
59
<0.50
2.2

V-2(D)
54.97
NS
NS
NS

A-3
10.64*
160
<0.50
<0.50

A-5(D)
8.80*
NS
NS
NS

A-4
56.18
1,400
<0.50
2.0

V-4
53.13
NS
NS
NS

A-2
52.19
<50
<0.50
3.1

EX-1
54.84
NS
NS
NS

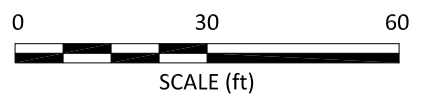
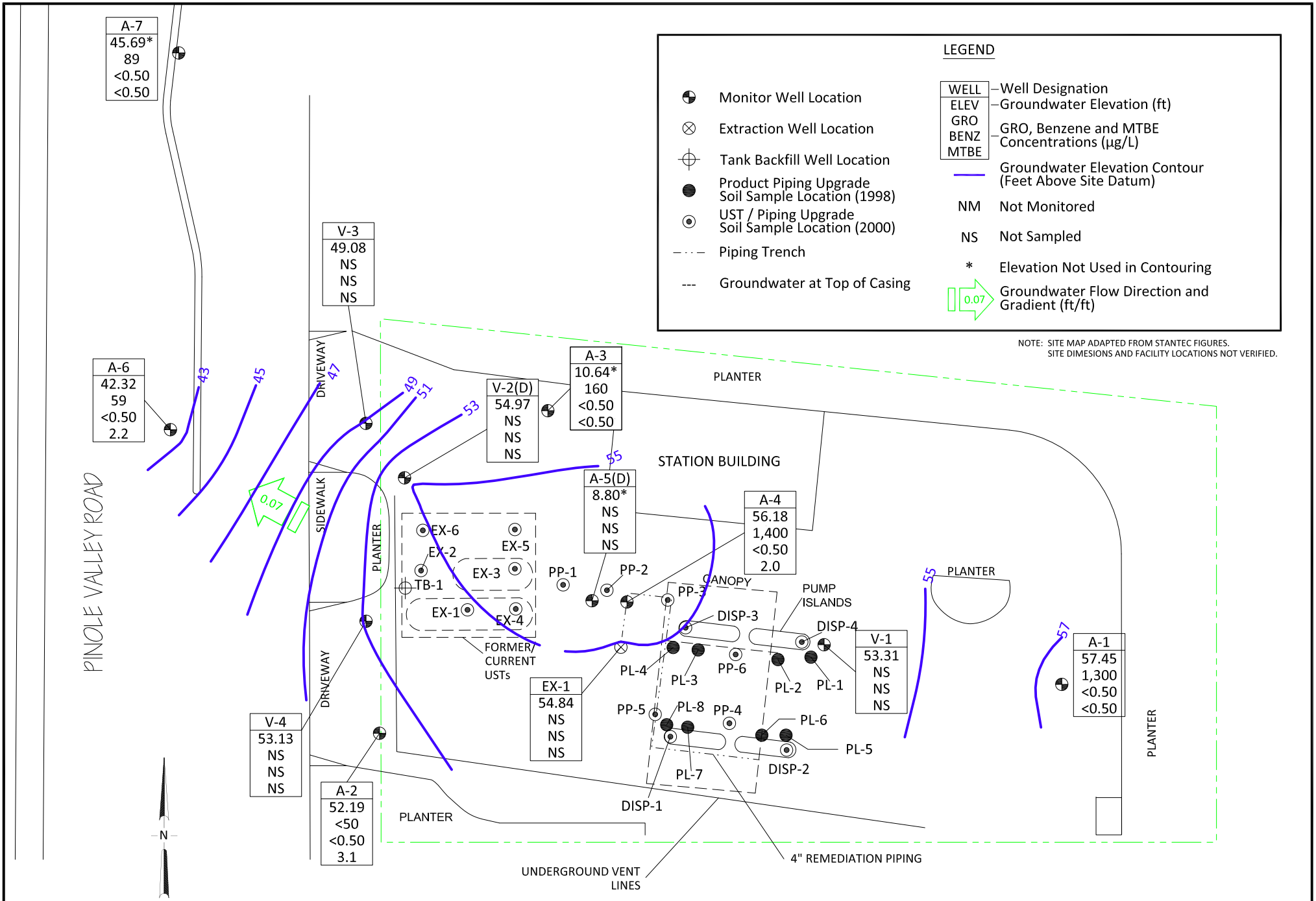
V-1
53.31
NS
NS
NS

A-1
57.45
1,300
<0.50
<0.50

LEGEND

	Monitor Well Location	WELL	Well Designation
	Extraction Well Location	ELEV	Groundwater Elevation (ft)
	Tank Backfill Well Location	GRO	GRO, Benzene and MTBE Concentrations (µg/L)
	Product Piping Upgrade Soil Sample Location (1998)	BENZ	
	UST / Piping Upgrade Soil Sample Location (2000)	MTBE	
	Piping Trench		Groundwater Elevation Contour (Feet Above Site Datum)
	Groundwater at Top of Casing	NM	Not Monitored
		NS	Not Sampled
		*	Elevation Not Used in Contouring
			Groundwater Flow Direction and Gradient (ft/ft)

NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



BROADBENT
1370 Ridgewood Dr., Suite 5
Chico, California 95973
Project No.: 09-88-709 Date: 02/08/2017

ARCO Service Station #6228
2747 Pinole Valley Road
Pinole, California

Groundwater Elevation Contour and
Analytical Summary Map
January 19, 2017

Drawing
2

TABLES

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-1															
9/4/1998	--	53.02	6.64	Sheen	46.38	--	--	--	--	--	--	--	2.1	--	
12/18/1998	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		--	Sheen	--	--	--	--	--	--	--	--	1.4	--	
7/2/1999	--		20.24	0.02	32.80	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		15.08	Sheen	37.94	--	--	--	--	--	--	--	--	--	
1/3/2000	--		12.28	Sheen	40.74	--	--	--	--	--	--	--	0.9	--	
4/1/2000	--		0.02	Sheen	53.00	--	--	--	--	--	--	--	--	--	
6/22/2000	--		0.26	0.01	52.77	--	--	--	--	--	--	--	1.2	--	SPH
8/17/2000	--		0.05	0.01	52.98	--	--	--	--	--	--	--	0.3	--	SPH
11/21/2000	--		--	--	--	--	4,100	450	<10	100	<10	<50	0.4	--	
3/7/2001	--		--	--	--	--	15,000	1,400	<20	640	<20	<100	0.6	--	
5/1/2001	--		--	--	--	--	18,000	1,400	<25	590	32	<125	--	--	
8/14/2001	--		--	--	--	--	12,000	1,100	<10	600	20	<50	0.3	--	
10/9/2001	--		--	--	--	--	39,000	1,300	<10	710	35	<50	0.4	--	
1/18/2002	--	69.36	--	--	--	--	7,000	940	<50	440	<50	<250	0.4	--	
4/5/2002	--		--	--	--	--	8,300	1,200	<12	620	<12	<62	0.6	--	
8/8/2002	--		4.49	0.00	64.87	--	18,000 N	2,700	<50	1,500	240	<250	6.2	--	
10/31/2002	--		28.89	0.00	40.47	--	16,000	2,500	<100	1,600	250	<500	2.0	--	
2/18/2003	--		0.05	0.00	69.31	--	54,000	1,000	150	3,600	5,400	<50	3.6	--	
5/22/2003	--		--	--	--	--	24,000	2,300	59	1,700	480	<25	1.2	--	Artesian well, water at TOC
8/7/2003	--		26.79	0.00	42.57	--	26,000	2,000	29	1,600	600	<25	9.2	--	
11/24/2003	--		30.73	0.00	38.63	59,000	35,000	2,100	<25	1,400	230	<25	3.4	--	
2/3/2004	--		37.12	Sheen	32.24	180,000	24,000	2,600	<50	1,600	1,100	<50	3.6	--	
5/6/2004	--	57.49	--	Sheen	--	82,000	72,000	1,900	<250	3,200	2,400	<250	0.2	--	Resurveyed 3/11/04
7/30/2004	--		39.30	0.05	18.23	86,000	64,000	640	<250	900	4,500	<250	--	--	SPH
11/11/2004	--		--	--	--	380,000	83,000	2,200	<250	2,500	1,900	<250	0.9	--	
2/21/2005	--		--	Sheen	--	110,000	27,000	2,200	<50	1,500	370	<50	1.2	--	
6/2/2005	--		27.24	Sheen	30.25	19,000 N	29,000	2,400	<100	1,600	790	<100	1.4	--	
8/4/2005	--		37.97	Sheen	19.52	63,000 N	45,000	2,600	150	1,400	2,100	<50	1.8	--	
11/23/2005	--		--	Sheen	--	--	25,000	890	170	840	2,700	<25	1.0	--	Artesian well, water at TOC

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-1 Cont.															
12/2/2005	--	57.49	--	--	--	77,000 N	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/13/2006	--		--	Sheen	--	44,000 N	34,000	740	240	840	3,500	<50	1.8	--	
5/16/2006	--		--	--	--	--	19,000	1,600	<25	1,200	600	<25	1.6	--	
9/5/2006	--		30.21	0.00	27.28	280,000	20,000	1,200	170	810	2,300	<25	1.1	--	
12/6/2006	--		0.05	0.00	57.44	72,000	18,000	500	180	470	2,700	<25	7.3	--	
2/26/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
5/29/2007	--		2.59	0.01	54.91	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		4.69	0.00	52.80	140,000 N	30,000	92	<5.0	91	110	<5.0	0.7	--	
11/29/2007	--		30.65	0.04	26.87	--	--	--	--	--	--	--	--	--	SPH
3/28/2008	--		24.05	0.00	33.44	10,000 N	41,000	<50	<50	<50	110	<50	1.3	--	
6/19/2008	--		35.14	0.39	22.64	--	--	--	--	--	--	--	--	--	SPH
9/18/2008	--		30.71	0.04	26.81	--	--	--	--	--	--	--	--	--	SPH
12/4/2008	--		27.10	0.00	30.39	67,000 N	1,300 N	<50	<50	110	1,800	<50	1.7	--	
3/2/2009	--		30.95	0.00	26.54	53,000	250,000	59	76	430	5,100	<50	1.2	--	
6/2/2009	--		28.40	0.00	29.09	23,000	28,000	22	27	150	2,000	<20	1.3	--	
9/11/2009	--		26.30	0.00	31.19	35,000 N	31,000	15	16	76	1,200	<10	1.2	--	
3/26/2010	P		23.92	0.00	33.57	26,000	24,000	9.9	9.1	52	330	<2.5	0.63	6.79	LX (DRO)
9/28/2010	P		4.13	Sheen	53.36	10,000	19,000	8.3	<5.0	6.4	<5.0	<5.0	0.43	6.52	DF, LW, LX
2/16/2011	--		10.56	0.01	46.94	--	--	--	--	--	--	--	--	--	b, SPH
8/2/2011	--		9.60	Sheen	47.89	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	SPH
8/29/2012	--		9.81	0.02	47.70	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		8.08	Sheen	49.41	--	--	--	--	--	--	--	--	--	
8/29/2013	--		8.16	Sheen	49.33	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		6.30	Sheen	51.19	--	--	--	--	--	--	--	--	--	SPH
8/29/2014	--		6.21	Sheen	51.28	--	--	--	--	--	--	--	--	--	
2/17/2015	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	c
9/29/2015	P		1.93	Sheen	55.56	2,900	1,500	<0.50	<0.50	<0.50	<1.0	<0.50	0.26	7.14	
2/18/2016	P		--	--	--	3,000	1,700	0.54	<0.50	<0.50	<1.0	<0.50	10.44	7.47	c, g
8/30/2016	P		1.09	0.00	56.40	--	880	<0.50	<0.50	<0.50	<1.0	<0.50	3.32	7.40	h

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-1 Cont.															
1/19/2017	P	57.49	0.04	0.00	57.45	2,400	1,300	<0.50	<0.50	<0.50	<1.0	<0.50	2.01	6.98	
A-2															
9/4/1998	--	50.27	5.10	Sheen	45.17	--	--	--	--	--	--	--	1.9	--	
12/18/1998	--		3.34	0.10	47.01	--	--	--	--	--	--	--	--	--	SPH
3/18/1999	--		3.18	Sheen	47.09	--	--	--	--	--	--	--	2.3	--	SPH
7/2/1999	--		6.30	0.01	43.98	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		5.63	Sheen	44.64	--	--	--	--	--	--	--	--	--	
1/3/2000	--		6.51	Sheen	43.76	--	--	--	--	--	--	--	1.3	--	
4/1/2000	--		3.81	Sheen	46.46	--	--	--	--	--	--	--	--	--	
6/22/2000	--		3.93	0.01	46.35	--	--	--	--	--	--	--	2.1	--	SPH
8/17/2000	--		2.40	0.01	47.88	--	--	--	--	--	--	--	0.3	--	SPH
11/21/2000	--		1.57	0.00	48.70	--	540,000	2,500	26,000	7,900	16,000	18,000	0.6	--	
11/21/2000	--		1.57	0.00	48.70	--	750,000	2,000	19,000	5,300	34,000	14,000	--	--	DUP
3/7/2001	--		1.03	0.00	49.24	--	<50	<0.50	<0.50	<0.50	0.61	5.8	0.4	--	
3/7/2001	--		1.03	0.00	49.24	--	<50	<0.50	<0.50	<0.50	<0.50	5.2	--	--	DUP
5/1/2001	--		1.90	0.00	48.37	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
8/14/2001	--		1.94	0.00	48.33	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.5	--	
8/14/2001	--		1.94	0.00	48.33	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	DUP
10/9/2001	--		1.99	0.00	48.28	--	<50	<0.50	<0.50	<0.50	0.88	<2.5	0.5	--	
10/9/2001	--		1.99	0.00	48.28	--	<50	<0.50	<0.50	<0.50	0.77	<2.5	--	--	DUP
1/18/2002	--	66.58	1.01	0.00	65.57	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.5	--	
1/18/2002	--		1.01	0.00	65.57	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	DUP
4/5/2002	--		1.19	0.00	65.39	--	<50	<0.50	<0.50	<0.50	<0.50	3.9	0.4	--	
4/5/2002	--		1.19	0.00	65.39	--	<50	<0.50	<0.50	<0.50	<0.50	7.0	--	--	DUP
8/8/2002	--		4.14	0.00	62.44	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.7	--	
10/31/2002	--		6.50	0.00	60.08	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2	--	
2/18/2003	--		2.45	0.00	64.13	--	<50	<0.50	<0.50	<0.50	0.83	<0.50	2.6	--	Past hold time
5/22/2003	--		4.60	0.00	61.98	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	--	
8/7/2003	--		5.56	0.00	61.02	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.0	--	
11/24/2003	--		2.98	0.00	63.60	270	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.6	--	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-2 Cont.															
2/3/2004	--	66.58	--	--	--	640	360	1.7	7.6	9.2	47	<0.50	3.1	--	
5/6/2004	--	54.74	2.33	0.00	52.41	160	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	--	Resurveyed 3/11/04
8/6/2004	--		5.70	0.00	49.04	260	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
11/11/2004	--		4.10	0.00	50.64	39,000	59	<0.50	<0.50	<0.50	2.2	<0.50	0.8	--	
2/21/2005	--		10.18	0.00	44.56	150	<50	0.50	<0.50	<0.50	<0.50	<0.50	3.6	--	
6/2/2005	--		11.18	0.00	43.56	66 N	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	--	
8/4/2005	--		5.75	0.00	48.99	96 N	61	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	--	
11/23/2005	--		7.78	0.00	46.96	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	--	
12/2/2005	--		10.61	0.00	44.13	80 N	--	--	--	--	--	--	--	--	
2/13/2006	--		2.80	0.00	51.94	950 N	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
5/16/2006	--		2.42	0.00	52.32	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
9/5/2006	--		5.80	0.00	48.94	210	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	--	
12/6/2006	--		6.02	0.00	48.72	880	<50	<0.50	<0.50	<0.50	1.4	<0.50	7.0	--	
2/26/2007	--		7.31	0.00	47.43	<47	77	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	--	
5/29/2007	--		7.21	0.00	47.53	<48	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.0	--	
8/22/2007	--		6.85	0.00	47.89	920 N	<50	<0.50	<0.50	<0.50	0.64	<0.50	1.7	--	
11/29/2007	--		5.61	0.00	49.13	58 N	<50	<0.50	<0.50	<0.50	0.68	<0.50	2.0	--	
3/28/2008	--		3.11	0.00	51.63	<50	300	<0.50	<0.50	<0.50	<0.50	0.85	1.4	--	
6/19/2008	--		6.70	0.00	48.04	<50	<50	<0.50	<0.50	<0.50	<0.50	0.74	1.4	--	
9/18/2008	--		7.47	0.00	47.27	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	1.3	--	
12/4/2008	--		6.69	0.00	48.05	<50	<50	<0.50	<0.50	<0.50	<0.50	0.68	1.3	--	
3/2/2009	--		3.25	0.00	51.49	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	1.2	--	
6/2/2009	--		4.60	0.00	50.14	<50	78	<0.50	<0.50	<0.50	<0.50	1.3	1.3	--	
9/11/2009	--		6.85	0.00	47.89	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	1.2	--	
3/26/2010	P		5.61	0.00	49.13	<50	<50	<0.50	<0.50	<0.50	<0.50	1.5	1.21	6.84	
9/28/2010	P		7.82	0.00	46.92	57	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.37	6.47	
2/16/2011	P		5.33	0.00	49.41	140	<50	<0.50	<0.50	<0.50	<0.50	2.0	0.75	7.80	LX
8/2/2011	P		3.25	0.00	51.49	<50	<50	<0.50	<0.50	<0.50	<0.50	3.1	0.44	7.0	
2/9/2012	P		6.09	0.00	48.65	<50	<50	<0.50	<0.50	<0.50	<0.50	2.5	0.60	6.7	
8/29/2012	P		6.31	0.00	48.43	110	<50	<0.50	<0.50	<0.50	<1.0	2.8	1.23	7.23	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-2 Cont.															
3/25/2013	P	54.74	3.61	0.00	51.13	58	<50	<0.50	<0.50	<0.50	<1.0	2.4	1.28	7.43	
8/29/2013	P		6.54	0.00	48.20	53	<50	<0.50	<0.50	<0.50	<1.0	2.8	3.96	7.10	
2/26/2014	P		8.58	0.00	46.16	<55/<55	<50	<0.50	<0.50	<0.50	<1.0	3.0	1.41	6.91	f
8/29/2014	P		6.54	0.00	48.20	<50	<50	<0.50	<0.50	<0.50	<1.0	2.6	0.18	6.56	
2/17/2015	P		6.31	0.00	48.43	<54	<50	<0.50	<0.50	<0.50	<1.0	3.3	1.72	6.58	
9/29/2015	P		6.60	0.00	48.14	<50	<50	<0.50	<0.50	<0.50	<1.0	2.8	0.27	7.08	
2/18/2016	P		3.66	0.00	51.08	63	<50	<0.50	<0.50	<0.50	<1.0	3.3	0.32	7.35	
8/30/2016	P		5.40	0.00	49.34	--	<50	<0.50	<0.50	<0.50	<1.0	3.3	0.23	7.45	h
1/19/2017	P		2.55	0.00	52.19	57	<50	<0.50	<0.50	<0.50	<1.0	3.1	7.90	7.07	
A-3															
9/4/1998	--	51.44	28.28	Sheen	23.16	--	--	--	--	--	--	--	2.4	--	
12/18/1998	--		27.70	Sheen	23.74	--	--	--	--	--	--	--	--	--	
3/18/1999	--		35.64	Sheen	15.80	--	--	--	--	--	--	--	1.5	--	
7/2/1999	--		33.32	0.01	18.13	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		32.75	Sheen	18.69	--	--	--	--	--	--	--	--	--	
1/3/2000	--		31.38	Sheen	20.06	--	--	--	--	--	--	--	1.2	--	
4/1/2000	--		32.92	Sheen	18.52	--	--	--	--	--	--	--	--	--	
6/22/2000	--		32.20	0.00	19.24	--	7,800	2,000	<50	390	390	<250	1.3	--	NP
8/17/2000	--		31.58	0.09	19.93	--	--	--	--	--	--	--	0.7	--	SPH
11/21/2000	--		29.19	0.09	22.32	--	--	--	--	--	--	--	0.6	--	SPH
3/7/2001	--		28.07	0.16	23.49	--	--	--	--	--	--	--	0.5	--	SPH
5/1/2001	--		12.70	0.19	38.88	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		12.78	0.35	38.92	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		12.75	0.46	39.04	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	67.76	11.95	0.85	56.45	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		12.13	1.15	56.49	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		8.36	0.00	59.40	--	460	28	1.4	19	3.4	6.5	3.8	--	
10/31/2002	--		39.45	0.00	28.31	--	770	36	3.8	33	12	13	2.0	--	
2/18/2003	--		45.32	0.00	22.44	--	830	10	0.70	11	9.0	<0.50	2.2	--	
5/22/2003	--		50.41	0.00	17.35	--	400	<0.50	<0.50	3.0	1.7	<0.50	1.1	--	Past hold time

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
8/7/2003	--	67.76	49.71	0.00	18.05	--	690	10	<0.50	13	39	<0.50	1.2	--	
11/24/2003	--		50.58	0.00	17.18	4,500	710	3.4	0.76	6.3	9.0	<0.50	1.6	--	
2/3/2004	--		48.20	Sheen	19.56	5,600	1,000	7.5	20	18	64	<0.50	1.9	--	
5/6/2004	--	55.92	51.51	Sheen	4.41	2,000	750	0.51	<0.50	2.4	13	<0.50	0.2	--	Resurveyed 3/11/04
8/6/2004	--		54.30	0.00	1.62	--	--	--	--	--	--	--	--	--	Dry
11/11/2004	--		51.80	0.02	4.14	--	--	--	--	--	--	--	--	--	SPH
2/21/2005	--		49.97	0.00	5.95	4,500	650	0.88	0.54	3.4	7.1	<0.50	1.3	--	
6/2/2005	--		50.50	0.00	5.42	--	360	0.96	<0.50	1.3	3.4	<0.50	3.1	--	Very little water
8/4/2005	--		52.13	0.00	3.79	1,500 N	340	<0.50	<0.50	1.4	16	<0.50	--	--	
11/23/2005	--		51.78	0.00	4.14	--	700	<0.50	<0.50	1.2	5.4	<0.50	1.4	--	
12/2/2005	--		52.55	0.00	3.37	1,400 N	--	--	--	--	--	--	--	--	
2/13/2006	--		51.90	0.00	4.02	1,100 N	730	<0.50	<0.50	1.1	3.8	<0.50	1.4	--	
5/16/2006	--		49.56	0.00	6.36	--	1,000	1.2	11	3.4	31	<0.50	1.3	--	
9/5/2006	--		51.67	0.00	4.25	--	600	0.82	<0.50	0.78	2.0	<0.50	1.2	--	
10/31/2006	--		53.62	0.01	2.31	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		53.50	0.00	2.42	--	--	--	--	--	--	--	--	--	NS
12/6/2006	--		53.24	0.00	2.68	710	530	<0.50	<0.50	<0.50	2.2	<0.50	--	--	
1/30/2007	--		53.46	0.01	2.47	--	--	--	--	--	--	--	--	--	SPH
2/26/2007	--		53.17	0.00	2.75	740	500	1.1	<0.50	<0.50	1.4	<0.50	--	--	
4/20/2007	--		53.31	0.00	2.61	--	--	--	--	--	--	--	--	--	NS
5/29/2007	--		52.88	0.00	3.04	560 N	520	2.5	<0.50	1.4	2.1	<0.50	2.1	--	
6/29/2007	--		53.66	0.00	2.26	--	--	--	--	--	--	--	--	--	
7/20/2007	--		53.41	0.01	2.52	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		53.08	0.00	2.84	--	460	1.1	<0.50	0.61	2.2	<0.50	0.8	--	NP, Insufficient water
9/19/2007	--		53.32	0.00	2.60	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		53.00	0.00	2.92	--	--	--	--	--	--	--	--	--	
11/29/2007	--		52.57	0.00	3.35	--	560	4.2	<0.50	1.8	6.4	<0.50	1.9	--	
2/15/2008	--		52.98	0.00	2.94	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		52.85	0.00	3.07	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		52.58	0.00	3.34	880 N	770	1.8	<0.50	0.52	3.0	<0.50	--	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
4/16/2008	--	55.92	53.94	0.00	1.98	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		53.54	0.00	2.38	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		53.24	0.00	2.68	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		53.23	0.00	2.69	1,600	680	<2.5	<2.5	<2.5	3.0	<2.5	1.8	--	
7/16/2008	--		53.92	0.00	2.00	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		53.45	0.00	2.47	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		53.28	Sheen	2.64	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		53.28	0.00	2.64	1,700 N	530	<1.0	<1.0	<1.0	5.6	<1.0	1.6	--	
10/14/2008	--		53.80	0.00	2.12	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		53.40	0.00	2.52	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		53.28	0.00	2.64	1,500 N	700	<2.5	<2.5	<2.5	<2.5	<2.5	1.6	--	
1/14/2009	--		53.34	0.00	2.58	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		53.10	0.00	2.82	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		52.76	0.00	3.16	460	510	<2.5	<2.5	<2.5	<2.5	<2.5	1.5	--	
3/3/2009	--		53.55	0.00	2.37	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		53.15	0.00	2.77	490	680	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	NSP
5/29/2009	--		52.59	0.00	3.33	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		52.51	0.00	3.41	490	680	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	--	
6/12/2009	--		53.84	0.00	2.08	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		53.30	0.00	2.62	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		52.82	0.00	3.10	1,000	560	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	--	
3/26/2010	P		51.56	0.00	4.36	1,700	770	<1.0	<1.0	<1.0	<1.0	<1.0	1.93	7.14	LX (DRO)
9/28/2010	NP		51.48	0.00	4.44	2,000	920	<1.0	<1.0	<1.0	1.4	<1.0	--	7.10	LW, LX
2/16/2011	P		50.92	0.00	5.00	2,500	990	<1.0	4.4	2.3	35	<1.0	0.93	--	LX, LW, PD
8/2/2011	P		50.90	0.00	5.02	1,100	530	<1.0	<1.0	<1.0	<1.0	<1.0	1.49	7.3	LX, LW
2/9/2012	P		52.18	0.00	3.74	990	240	<1.0	<1.0	<1.0	<1.0	<1.0	0.41	7.4	LX, LW
8/29/2012	P		51.03	0.00	4.89	1,300	430	<0.50	<0.50	<0.50	<1.0	<0.50	1.48	7.78	
3/25/2013	NP		51.49	0.00	4.43	1,500	340	<0.50	<0.50	<0.50	<1.0	<0.50	2.49	7.78	
8/29/2013	NP		50.71	0.00	5.21	1,100	270	<0.50	<0.50	<0.50	<1.0	<0.50	6.52	7.87	e
2/26/2014	P		50.19	0.00	5.73	920/450	270	<0.50	<0.50	<0.50	<1.0	<0.50	1.29	7.08	f

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
8/29/2014	P	55.92	49.89	0.00	6.03	600	200	<0.50	<0.50	<0.50	<1.0	<0.50	0.19	7.08	
2/17/2015	P		48.21	0.00	7.71	660	210	<0.50	<0.50	<0.50	<1.0	<0.50	1.80	6.48	
9/29/2015	P		47.10	0.00	8.82	420	170	<0.50	<0.50	<0.50	<1.0	<0.50	7.74	7.88	
2/18/2016	P		46.24	0.00	9.68	800	310	<0.50	<0.50	<0.50	<1.0	<0.50	0.06	7.59	
8/30/2016	P		45.01	0.00	10.91	--	130	<0.50	<0.50	<0.50	1.7	<0.50	0.00	7.68	h
1/19/2017	P		45.28	0.00	10.64	370	160	<0.50	<0.50	<0.50	1.9	<0.50	0.06	7.20	
A-4															
9/4/1998	--	51.54	7.62	Sheen	43.92	--	--	--	--	--	--	--	2.0	--	
12/18/1998	--		1.46	Sheen	50.08	--	--	--	--	--	--	--	--	--	
3/18/1999	--		19.35	Sheen	32.19	--	--	--	--	--	--	--	1.6	--	
7/2/1999	--		9.13	0.18	42.55	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		14.98	Sheen	36.56	--	--	--	--	--	--	--	--	--	
1/3/2000	--		3.09	Sheen	48.45	--	--	--	--	--	--	--	0.8	--	
4/1/2000	--		2.56	Sheen	48.98	--	--	--	--	--	--	--	--	--	
6/22/2000	--		1.95	0.01	49.60	--	--	--	--	--	--	--	0.6	--	SPH
8/17/2000	--		4.74	0.05	46.84	--	--	--	--	--	--	--	0.6	--	SPH
11/21/2000	--		2.93	0.08	48.67	--	--	--	--	--	--	--	0.7	--	SPH
3/7/2001	--		1.87	0.18	49.81	--	--	--	--	--	--	--	0.5	--	SPH
5/1/2001	--		1.50	0.08	50.10	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		1.63	0.14	50.02	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		1.69	0.45	50.19	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	67.83	1.75	0.61	66.54	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		1.53	0.28	66.51	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		2.73	0.00	65.10	--	87,000 N	2,900	370	2,500	13,000	<500	3.6	--	
10/31/2002	--		4.59	0.19	63.38	--	--	--	--	--	--	--	--	--	SPH
2/18/2003	--		4.19	0.00	63.64	--	69,000	2,700	<250	1,800	2,500	390	2.9	--	Past hold time
5/22/2003	--		5.59	0.06	62.29	--	--	--	--	--	--	--	--	--	SPH
8/7/2003	--		6.00	0.02	61.85	--	--	--	--	--	--	--	--	--	SPH
11/24/2003	--		1.40	0.02	66.45	--	--	--	--	--	--	--	--	--	SPH
2/3/2004	--		3.47	Sheen	64.36	--	--	--	--	--	--	--	--	--	

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
5/6/2004	--	56.23	--	Sheen	--	410,000	75,000	2,200	1,200	2,500	10,000	<250	0.2	--	Resurveyed 3/11/04
8/6/2004	--		33.30	0.00	22.93	--	--	--	--	--	--	--	0.9	--	
11/11/2004	--		23.63	0.00	32.60	130,000	53,000	2,700	760	1,400	8,300	<250	0.9	--	
2/21/2005	--		9.53	Sheen	46.70	160,000	110,000	2,400	<250	1,500	9,100	<250	0.1	--	
6/2/2005	--		7.86	0.01	48.38	--	--	--	--	--	--	--	--	--	SPH
8/4/2005	--		7.98	0.03	48.27	--	--	--	--	--	--	--	--	--	SPH
11/23/2005	--		6.99	0.02	49.26	--	--	--	--	--	--	--	--	--	SPH
2/13/2006	--		20.98	Sheen	35.25	49,000 N	16,000	240	<50	770	1,100	<50	1.2	--	
5/16/2006	--		1.22	0.00	55.01	--	27,000	260	17	1,300	1,400	22	1.0	--	
9/5/2006	--		5.85	0.02	50.40	--	--	--	--	--	--	--	--	--	SPH
10/31/2006	--		6.91	0.01	49.33	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		7.81	Sheen	48.42	--	--	--	--	--	--	--	--	--	
12/6/2006	--		1.82	0.00	54.41	57,000	25,000	16	<10	350	22	30	7.4	--	
1/30/2007	--		0.00	0.00	56.23	--	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/26/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
4/20/2007	--		7.80	0.00	48.43	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		4.03	0.00	52.20	13,000 N	6,900	9.4	<5.0	500	400	24	2.0	--	
6/29/2007	--		8.34	0.00	47.89	--	--	--	--	--	--	--	--	--	NSP
7/20/2007	--		6.10	0.01	50.14	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		5.57	0.00	50.66	59,000 N	14,000	200	<5.0	890	320	27	0.4	--	
9/19/2007	--		13.56	0.00	42.67	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		7.22	0.00	49.01	--	--	--	--	--	--	--	--	--	
11/29/2007	--		8.88	0.00	47.35	67,000 N	22,000	240	70	1,100	960	25	0.8	--	
2/15/2008	--		14.42	0.02	41.83	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		11.25	0.02	45.00	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		11.00	0.02	45.25	--	--	--	--	--	--	--	--	--	SPH
4/16/2008	--		12.00	Sheen	44.23	--	--	--	--	--	--	--	--	--	NSP, Oily material bailed
5/20/2008	--		11.85	0.01	44.39	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		9.02	0.02	47.23	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		13.22	0.00	43.01	70,000	130,000	<500	<500	1,300	1,100	<500	1.7	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
7/16/2008	--	56.23	17.93	0.03	38.32	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		11.67	0.04	44.59	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		12.54	0.02	43.71	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		15.22	0.02	41.03	--	--	--	--	--	--	--	--	--	SPH
10/14/2008	--		14.68	0.01	41.56	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		10.59	0.03	45.66	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		10.52	0.02	45.73	--	--	--	--	--	--	--	--	--	SPH
12/18/2008	--		14.68	0.01	41.56	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		9.60	Sheen	46.63	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		9.45	0.00	46.78	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		13.22	0.02	43.03	--	--	--	--	--	--	--	0.6	--	SPH
3/3/2009	--		12.65	Sheen	43.58	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		9.28	0.00	46.95	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		7.90	0.01	48.34	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		8.56	Sheen	47.67	--	--	--	--	--	--	--	--	--	SPH
6/12/2009	--		7.83	Sheen	48.40	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		15.94	0.01	40.30	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		14.04	0.01	42.20	--	--	--	--	--	--	--	--	--	SPH
3/26/2010	--		5.49	0.01	50.75	--	--	--	--	--	--	--	--	--	b, SPH
9/28/2010	--		4.44	0.01	51.80	--	--	--	--	--	--	--	--	--	b, SPH
2/16/2011	P		5.38	0.00	50.85	44,000	23,000	71	<2.5	25	46	21	0.81	7.35	LX, LW
8/2/2011	--		8.20	0.13	48.13	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		2.64	Sheen	53.59	--	--	--	--	--	--	--	--	--	SPH
8/29/2012	--		6.32	0.01	49.92	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		6.81	Sheen	49.42	--	--	--	--	--	--	--	--	--	
8/29/2013	--		5.84	Sheen	50.39	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		6.08	Sheen	50.15	--	--	--	--	--	--	--	--	--	SPH
8/29/2014	--		5.10	Sheen	51.13	--	--	--	--	--	--	--	--	--	
2/17/2015	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	c
9/29/2015	P		3.19	Sheen	53.04	620	1,600	0.80	<0.50	0.62	<1.0	4.4	0.37	7.05	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
2/18/2016	P	56.23	--	--	--	4,700	2,000	0.70	<0.50	1.4	<1.0	3.2	1.37	7.26	c
8/30/2016	P		2.76	0.00	53.47	--	12,000	0.65	<0.50	0.53	<1.0	3.4	0.20	7.41	h
1/19/2017	P		0.05	0.00	56.18	2,100	1,400	<0.50	<0.50	0.66	<1.0	2.0	0.28	6.93	
A-5															
9/4/1998	--	NS	72.71	Sheen	--	--	--	--	--	--	--	--	2.7	--	
12/18/1998	--		66.94	1.78	--	--	--	--	--	--	--	--	--	--	SPH
3/18/1999	--		69.62	0.15	--	--	--	--	--	--	--	--	1.4	--	SPH
7/2/1999	--		69.76	0.12	--	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		68.72	0.28	--	--	--	--	--	--	--	--	--	--	SPH
1/3/2000	--		68.39	0.30	--	--	--	--	--	--	--	--	0.9	--	SPH
4/1/2000	--		68.97	Sheen	--	--	--	--	--	--	--	--	--	--	
6/22/2000	--		67.77	0.02	--	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		67.00	0.55	--	--	--	--	--	--	--	--	5.6	--	SPH
11/21/2000	--		62.19	0.16	--	--	--	--	--	--	--	--	0.7	--	SPH
3/7/2001	--		60.83	0.03	--	--	--	--	--	--	--	--	0.7	--	SPH
5/1/2001	--		64.30	0.05	--	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		64.51	0.12	--	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		64.70	0.65	--	--	--	--	--	--	--	--	0.3	--	SPH
1/18/2002	--	67.92	65.10	1.93	4.27	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		64.81	1.73	4.41	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		62.11	Sheen	5.81	--	--	--	--	--	--	--	3.6	--	
10/31/2002	--		65.80	0.31	2.35	--	--	--	--	--	--	--	--	--	SPH
11/24/2003	--		91.10	6.50	-18.31	--	--	--	--	--	--	--	--	--	SPH
2/3/2004	--		1.96	Sheen	65.96	--	--	--	--	--	--	--	--	--	
5/6/2004	--	56.08	34.71	Sheen	21.37	--	--	--	--	--	--	--	--	--	Resurveyed 3/11/04
8/6/2004	--		39.99	0.00	16.09	--	--	--	--	--	--	--	--	--	
11/11/2004	--		91.63	0.86	-34.91	--	--	--	--	--	--	--	--	--	SPH
2/21/2005	--		80.02	0.72	-23.40	--	--	--	--	--	--	--	--	--	SPH
6/2/2005	--		75.79	0.34	-19.46	--	--	--	--	--	--	--	--	--	SPH
8/4/2005	--		76.73	0.38	-20.37	--	--	--	--	--	--	--	--	--	SPH

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-5 Cont.															
11/23/2005	--	56.08	75.62	0.03	-19.52	--	--	--	--	--	--	--	--	--	SPH
2/13/2006	--		74.78	0.15	-18.59	--	--	--	--	--	--	--	--	--	SPH
5/16/2006	--		70.81	0.00	-14.73	--	--	--	--	--	--	--	--	--	NS
9/5/2006	--		68.97	0.19	-12.75	--	--	--	--	--	--	--	--	--	SPH
10/31/2006	--		69.16	0.25	-12.89	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		68.73	0.28	-12.44	--	--	--	--	--	--	--	--	--	SPH
12/5/2006	--		68.11	0.30	-11.81	--	--	--	--	--	--	--	--	--	SPH
1/30/2007	--		66.99	0.01	-10.90	--	--	--	--	--	--	--	--	--	SPH
2/26/2007	--		66.86	0.46	-10.44	3,100,000	1,700,000	26,000	51,000	6,400	66,000	<500	--	--	
4/20/2007	--		70.21	0.00	-14.13	--	--	--	--	--	--	--	--	--	NS
5/29/2007	--		69.07	0.34	-12.74	--	--	--	--	--	--	--	--	--	SPH
6/29/2007	--		67.81	0.00	-11.73	--	--	--	--	--	--	--	--	--	NS
7/20/2007	--		67.62	0.37	-11.26	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		67.06	0.04	-10.95	--	--	--	--	--	--	--	--	--	SPH
9/19/2007	--		70.65	0.01	-14.56	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		71.89	0.00	-15.81	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		69.09	0.05	-12.97	--	--	--	--	--	--	--	--	--	SPH
2/15/2008	--		61.28	0.23	-5.03	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		63.70	0.07	-7.57	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		67.01	0.03	-10.91	--	--	--	--	--	--	--	--	--	SPH
4/16/2008	--		66.23	0.12	-10.06	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		69.92	0.22	-13.68	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		72.98	0.33	-16.65	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		82.07	0.04	-25.96	--	--	--	--	--	--	--	--	--	SPH
7/16/2008	--		78.25	0.60	-21.72	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		78.28	1.02	-21.44	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		86.65	0.82	-29.96	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		99.93	0.33	-43.60	--	--	--	--	--	--	--	--	--	SPH
10/14/2008	--		89.46	1.58	-32.20	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		78.97	0.74	-22.34	--	--	--	--	--	--	--	--	--	NSP

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-5 Cont.															
12/4/2008	--	56.08	85.31	0.45	-28.89	--	--	--	--	--	--	--	--	--	SPH
12/18/2008	--		86.26	0.45	-29.84	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		88.51	1.22	-31.52	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		85.67	0.93	-28.89	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		50.25	0.70	6.36	--	--	--	--	--	--	--	0.7	--	SPH
3/3/2009	--		49.79	0.74	6.85	--	--	--	--	--	--	--	--	--	SPH
4/6/2009	--		60.15	0.14	-3.97	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		64.80	0.13	-8.62	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		72.76	Sheen	-16.68	--	--	--	--	--	--	--	--	--	SPH
6/12/2009	--		71.68	0.03	-15.58	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		70.70	0.12	-14.53	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		73.60	0.30	-17.30	--	--	--	--	--	--	--	--	--	SPH
3/26/2010	--		54.85	0.13	1.33	--	--	--	--	--	--	--	--	--	b, SPH
9/28/2010	--		62.21	0.09	-6.06	--	--	--	--	--	--	--	--	--	b, SPH
2/16/2011	--		62.99	0.06	-6.87	--	--	--	--	--	--	--	--	--	b, SPH
8/2/2011	--		62.16	0.06	-6.04	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		64.42	0.03	-8.32	--	--	--	--	--	--	--	--	--	SPH
3/25/2012	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
8/29/2012	--		67.28	0.06	-11.16	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		63.57	0.00	-7.49	--	--	--	--	--	--	--	--	--	
8/29/2013	--		61.96	Sheen	-5.88	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		61.05	Sheen	-4.97	--	--	--	--	--	--	--	--	--	SPH
8/29/2014	--		60.15	Sheen	-4.07	--	--	--	--	--	--	--	--	--	SPH
2/17/2015	--		59.46	0.14	-3.28	--	--	--	--	--	--	--	--	--	SPH
9/29/2015	--		59.15	0.17	-2.94	--	--	--	--	--	--	--	--	--	SPH
2/18/2016	--		48.82	0.20	7.41	--	--	--	--	--	--	--	--	--	SPH
8/30/2016	--		56.35	0.23	-0.10	--	--	--	--	--	--	--	--	--	SPH
1/19/2017	--		47.47	0.25	8.80	--	--	--	--	--	--	--	--	--	SPH
A-6															
1/18/2002	--	66.56	11.10	0.00	55.46	--	12,000	570	3,500	49	5,700	310	0.4	--	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-6 Cont.															
4/5/2002	--	66.56	12.31	0.00	54.25	--	2,900	220	<10	35	270	230	0.5	--	
8/8/2002	--		12.68	0.00	53.88	--	3,100	110	100	490	730	100	3.7	--	
10/31/2002	--		27.10	0.00	39.46	--	27,000 N	1,100	310	<25	8,700	170	2.4	--	
2/17/2003	--		28.50	0.00	38.06	--	44,000	1,900	540	1,500	14,000	91	0.3	--	
5/22/2003	--		33.70	0.00	32.86	--	40,000	1,500	56	1,500	11,000	79	2.5	--	Past hold time
8/7/2003	--		34.11	0.00	32.45	--	33,000	350	<25	290	2,000	38	1.5	--	
11/24/2003	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	--		25.65	0.00	40.91	7,700	24,000	1,200	<50	880	7,100	<50	0.2	--	
8/6/2004	--		33.70	0.00	32.86	69	19,000	1,200	<25	320	4,700	35	0.8	--	
11/11/2004	--		32.45	0.00	34.11	6,500	12,000	3,500	<50	200	860	<50	0.4	--	
2/21/2005	--		37.47	0.00	29.09	11,000	14,000	3,300	<50	180	690	<50	0.8	--	
6/2/2005	--		38.62	0.00	27.94	4,500 N	42,000	1,300	<50	260	1,700	<50	1.2	--	
8/4/2005	--		42.12	0.00	24.44	2,900 N	53,000	1,600	<50	140	670	<50	2.0	--	
11/23/2005	--	54.76	39.16	0.00	15.60	--	5,500	160	<5.0	110	510	19	0.6	--	
12/2/2005	--		42.61	0.00	12.15	2,100 N	--	--	--	--	--	--	--	--	
2/13/2006	--		40.39	0.00	14.37	1,100 N	4,500	89	<25	41	46	<25	2.3	--	
5/16/2006	--		40.32	0.00	14.44	--	8,200	39	1.3	29	110	23	2.1	--	
9/5/2006	--		40.38	0.00	14.38	2,100	4,300	14	<5.0	14	51	26	2.7	--	
12/6/2006	--		40.50	0.00	14.26	1,400	1,100	11	1.4	2.3	5.9	20	7.5	--	
2/26/2007	--		41.87	0.00	12.89	890	2,800	3.3	0.74	4.5	5.8	21	1.9	--	
5/29/2007	--		40.18	0.00	14.58	1,100 N	2,000	1.7	<0.50	2.1	2.8	15	1.5	--	
8/22/2007	--		40.72	0.00	14.04	--	2,400	9.7	0.76	4.0	6.6	12	0.8	--	Insufficient water
11/29/2007	--		33.90	0.00	20.86	1,100 N	2,300	7.2	<0.50	3.3	4.0	11	2.0	--	
3/28/2008	--		3.00	0.00	51.76	210 N	320	<0.50	<0.50	<0.50	<0.50	1.5	1.3	--	
6/19/2008	--		21.96	0.00	32.80	290	130	<0.50	<0.50	<0.50	<0.50	2.0	1.3	--	
9/18/2008	--		20.71	0.00	34.05	73 N	130	<0.50	<0.50	<0.50	<0.50	2.8	1.4	--	
12/4/2008	--		3.24	0.00	51.52	650 N	250	<0.50	<0.50	<0.50	<0.50	1.5	1.4	--	
3/2/2009	--		1.55	0.00	53.21	400 N	110	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
6/2/2009	--		9.15	0.00	45.61	380	180	<0.50	<0.50	<0.50	<0.50	1.1	1.4	--	

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ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-6 Cont.															
9/11/2009	--	54.76	18.82	0.00	35.94	880	610	<0.50	<0.50	<0.50	<0.50	4.4	1.3	--	
3/26/2010	--		--	--	--	--	--	--	--	--	--	--	--	--	a
9/28/2010	P		15.47	0.00	39.29	330	160	<0.50	<0.50	<0.50	<0.50	3.5	--	6.93	LW, LX
2/16/2011	P		18.57	0.00	36.19	1,200	1,100	<0.50	<0.50	<0.50	<0.50	4.3	0.76	7.78	LW, LX
8/2/2011	P		25.95	0.00	28.81	340	96	<0.50	<0.50	<0.50	<0.50	2.7	1.03	7.1	LW, LX
2/9/2012	P		19.52	0.00	35.24	230	<50	<0.50	<0.50	<0.50	<0.50	2.1	2.45	7.2	
8/29/2012	P		15.58	0.00	39.18	370	73	<0.50	<0.50	<0.50	<1.0	2.4	1.53	7.55	
3/25/2013	P		16.71	0.00	38.05	370	91	<0.50	<0.50	<0.50	<1.0	2.9	1.36	7.54	
8/29/2013	P		13.11	0.00	41.65	340	73	<0.50	<0.50	<0.50	<1.0	2.8	4.40	7.41	
2/26/2014	P		14.45	0.00	40.31	330/180	140	<0.50	<0.50	<0.50	<1.0	2.8	1.08	6.97	f
8/29/2014	P		11.95	0.00	42.81	120	<50	<0.50	<0.50	<0.50	<1.0	2.5	2.98	6.54	
2/17/2015	P		11.20	0.00	43.56	320	110	<0.50	<0.50	<0.50	<1.0	2.9	4.33	6.59	
9/29/2015	P		11.54	0.00	43.22	260	140	<0.50	<0.50	<0.50	<1.0	2.3	0.21	--	
2/18/2016	P		11.79	0.00	42.97	220	74	<0.50	<0.50	<0.50	<1.0	2.7	0.55	7.66	
8/30/2016	P		13.49	0.00	41.27	--	50	<0.50	<0.50	<0.50	<1.0	2.4	0.22	7.56	h
1/19/2017	P		12.44	0.00	42.32	140	59	<0.50	<0.50	<0.50	<1.0	2.2	0.07	7.41	
A-7															
1/18/2002	--	66.54	45.60	0.00	20.94	--	2,100	88	<10	12	49	<50	0.6	--	
4/5/2002	--		46.90	0.00	19.64	--	670	38	<5.0	9.1	<5.0	<25	0.6	--	
8/8/2002	--		35.48	0.00	31.06	--	320	20	<0.50	1.3	3.8	8.2	7.1	--	
10/31/2002	--		39.10	0.00	27.44	--	1,400	50	<10	10	19	<50	2.8	--	
2/17/2003	--		40.93	0.00	25.61	--	1,700	110	<2.5	7.8	19	<2.5	1.2	--	
5/22/2003	--		42.35	0.00	24.19	--	1,500	99	13	9.3	27	<2.5	3.2	--	
8/7/2003	--		40.93	0.00	25.61	--	1,200	94	<5.0	7.7	19	<5.0	1.3	--	
11/24/2003	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	--		9.98	0.00	56.56	150	1,500	41	<2.5	3.4	9.4	<2.5	0.4	--	
8/6/2004	--		34.65	0.00	31.89	230	330	37	<0.50	3.0	6.0	<0.50	1.1	--	
11/11/2004	--		34.63	0.00	31.91	6,200	1,700	85	<1.0	7.4	7.8	<1.0	0.7	--	
2/21/2005	--		41.17	0.00	25.37	2,400	1,400	59	<1.0	4.6	3.8	<1.0	0.6	--	

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-7 Cont.															
6/2/2005	--	66.54	18.87	0.00	47.67	930 N	600	36	<0.50	1.9	0.79	<0.50	0.8	--	
8/4/2005	--		14.80	0.00	51.74	2,000 N	610	36	<0.50	2.0	0.76	<0.50	2.6	--	
11/23/2005	--	55.53	13.33	0.00	42.20	--	430	24	<0.50	1.2	<0.50	<0.50	0.7	--	
12/2/2005	--		35.45	0.00	20.08	640 N	--	--	--	--	--	--	--	--	
2/13/2006	--		13.22	0.00	42.31	1,700 N	1,800	62	<0.50	4.5	0.80	<0.50	1.2	--	
5/16/2006	--		12.39	0.00	43.14	--	730	17	<0.50	1.4	0.56	<0.50	1.1	--	
9/5/2006	--		12.58	0.00	42.95	720	510	4.3	<0.50	0.80	<0.50	<0.50	3.1	--	
12/5/2006	--		12.70	0.00	42.83	520	820	13	<0.50	2.2	<0.50	<0.50	7.6	--	
2/26/2007	--		14.39	0.00	41.14	1,000	1,000	3.3	<0.50	1.9	<0.50	<0.50	1.7	--	
5/29/2007	--		13.67	0.00	41.86	840 N	1,100	0.94	<0.50	1.8	<0.50	<0.50	3.0	--	
8/22/2007	--		14.65	0.00	40.88	--	1,400	1.7	<0.50	2.4	<0.50	<0.50	1.2	--	Insufficient water
11/29/2007	--		12.61	0.00	42.92	930 N	990	0.69	<0.50	1.9	<0.50	<0.50	1.0	--	
3/28/2008	--		11.49	0.00	44.04	220 N	340	0.79	<0.50	<0.50	<0.50	<0.50	0.9	--	
6/19/2008	--		13.20	0.00	42.33	500	61	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	--	
9/18/2008	--		12.12	0.00	43.41	300 N	82	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	--	
12/4/2008	--		11.74	0.00	43.79	520 N	140	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
3/2/2009	--		10.56	0.00	44.97	490	98	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
6/2/2009	--		10.65	0.00	44.88	430	120	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
9/11/2009	--		9.90	0.00	45.63	480	200	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
3/26/2010	--		--	--	--	--	--	--	--	--	--	--	--	--	a
9/28/2010	P		12.95	0.00	42.58	390	240	<0.50	<0.50	<0.50	<0.50	<0.50	0.47	7.04	LW
2/16/2011	P		9.75	0.00	45.78	680	470	<0.50	<0.50	<0.50	<0.50	<0.50	--	7.99	LW, LX
8/2/2011	P		10.40	0.00	45.13	540	190	<0.50	<0.50	<0.50	<0.50	<0.50	1.19	7.6	LW, LX
2/9/2012	P		11.07	0.00	44.46	340	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.45	7.6	
8/29/2012	P		11.02	0.00	44.51	550	140	<0.50	<0.50	<0.50	<1.0	<0.50	4.64	7.69	
3/25/2013	P		10.87	0.00	44.66	360	83	<0.50	<0.50	<0.50	<1.0	<0.50	1.40	7.81	
8/29/2013	P		10.80	0.00	44.73	240	67	<0.50	<0.50	<0.50	<1.0	<0.50	6.81	7.63	
2/26/2014	P		10.09	0.00	45.44	220/78	51	<0.50	<0.50	<0.50	<1.0	<0.50	1.52	7.06	f
8/29/2014	P		11.09	0.00	44.44	250	85	<0.50	<0.50	<0.50	<1.0	<0.50	0.18	7.16	
2/17/2015	P		11.04	0.00	44.49	360	150	<0.50	<0.50	<0.50	<1.0	<0.50	2.17	6.64	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes				MTBE
A-7 Cont.															
9/29/2015	P	55.53	11.49	0.00	44.04	320	120	<0.50	<0.50	<0.50	<1.0	<0.50	0.13	7.56	
8/30/2016	P		10.84	0.00	44.69	--	92	<0.50	<0.50	<0.50	<1.0	<0.50	0.21	7.66	h
1/19/2017	P		9.84	0.00	45.69	170	89	<0.50	<0.50	<0.50	<1.0	<0.50	0.65	7.57	
EX-1															
8/7/2003	--	168.89	2.93	Sheen	165.96	--	--	--	--	--	--	--	--	--	
11/24/2003	--		7.82	0.00	161.07	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		1.72	0.00	167.17	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	56.19	2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	
11/11/2004	--		2.33	0.00	53.86	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		1.71	0.00	54.48	--	--	--	--	--	--	--	--	--	NSP
6/2/2005	--		2.34	0.00	53.85	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		2.96	0.00	53.23	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.13	Sheen	53.06	--	--	--	--	--	--	--	--	--	
2/13/2006	--		2.25	Sheen	53.94	--	--	--	--	--	--	--	--	--	
5/16/2006	--		2.42	0.00	53.77	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		3.78	0.00	52.41	--	--	--	--	--	--	--	--	--	NSP
10/31/2006	--		4.41	0.01	51.79	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		3.14	0.00	53.05	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		2.88	0.00	53.31	--	--	--	--	--	--	--	--	--	NSP
1/30/2007	--		2.63	0.00	53.56	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		2.38	0.00	53.81	--	--	--	--	--	--	--	--	--	NSP
4/20/2007	--		2.52	0.00	53.67	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		2.72	0.00	53.47	--	--	--	--	--	--	--	--	--	NSP
6/29/2007	--		3.09	0.00	53.10	--	--	--	--	--	--	--	--	--	NSP
7/20/2007	--		3.45	0.01	52.75	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		4.19	0.00	52.00	--	--	--	--	--	--	--	--	--	NSP
9/19/2007	--		4.69	0.00	51.50	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		2.58	0.00	53.61	--	--	--	--	--	--	--	--	--	
11/29/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA/NSP, Oversized vault lid

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
EX-1 Cont.															
2/15/2008	--	56.19	2.00	Sheen	54.19	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		1.90	Sheen	54.29	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		2.43	0.00	53.76	--	--	--	--	--	--	--	--	--	NSP
4/16/2008	--		2.67	0.00	53.52	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		2.75	0.00	53.44	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		3.03	0.00	53.16	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		3.07	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
7/16/2008	--		3.42	Sheen	52.77	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		4.20	Sheen	51.99	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		4.50	0.00	51.69	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		4.57	0.00	51.62	--	--	--	--	--	--	--	--	--	NSP
10/14/2008	--		4.85	0.00	51.34	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		3.13	0.00	53.06	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		3.48	0.00	52.71	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		3.13	0.00	53.06	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		2.85	Sheen	53.34	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		1.52	0.00	54.67	--	--	--	--	--	--	--	--	--	NSP
3/3/2009	--		1.50	Sheen	54.69	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		2.29	0.00	53.90	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.58	0.00	53.61	--	--	--	--	--	--	--	--	--	NSP
6/12/2009	--		2.68	Sheen	53.51	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		3.18	0.00	53.01	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.95	0.00	52.24	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		1.99	0.00	54.20	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		5.58	0.00	50.61	--	--	--	--	--	--	--	--	--	
2/16/2011	--		2.17	0.00	54.02	--	--	--	--	--	--	--	--	--	
8/2/2011	--		2.70	Sheen	53.49	--	--	--	--	--	--	--	--	--	
2/9/2012	--		2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	
8/29/2012	--		4.37	0.00	51.82	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
EX-1 Cont.															
3/25/2013	--	56.19	2.65	0.00	53.54	--	--	--	--	--	--	--	--	--	
8/29/2013	--		4.41	0.00	51.78	--	--	--	--	--	--	--	--	--	
2/26/2014	--		2.65	0.00	53.54	--	--	--	--	--	--	--	--	--	
8/29/2014	--		4.35	0.00	51.84	--	--	--	--	--	--	--	--	--	
2/17/2015	--		2.19	0.00	54.00	--	--	--	--	--	--	--	--	--	
9/29/2015	--		5.05	0.00	51.14	--	--	--	--	--	--	--	--	--	
2/18/2016	--		1.88	0.00	54.31	--	--	--	--	--	--	--	--	--	
8/30/2016	--		4.00	0.00	52.19	--	--	--	--	--	--	--	--	--	
1/19/2017	--		1.35	0.00	54.84	--	--	--	--	--	--	--	--	--	
V-1															
9/4/1998	--	52.15	7.74	Sheen	44.41	--	--	--	--	--	--	--	1.6	--	
12/18/1998	--		7.44	Sheen	44.71	--	--	--	--	--	--	--	--	--	
3/18/1999	--		6.29	Sheen	45.86	--	--	--	--	--	--	--	2.0	--	
7/2/1999	--		7.73	0.03	44.44	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		8.24	0.03	43.93	--	--	--	--	--	--	--	--	--	SPH
1/3/2000	--		7.40	Sheen	44.75	--	--	--	--	--	--	--	0.7	--	
4/1/2000	--		6.88	Sheen	45.27	--	--	--	--	--	--	--	--	--	
6/22/2000	--		6.01	0.02	46.16	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		6.10	0.00	46.05	--	--	--	--	--	--	--	0.3	--	NSP
11/21/2000	--		7.00	0.00	45.15	--	--	--	--	--	--	--	0.2	--	NSP
3/7/2001	--		6.11	0.00	46.04	--	--	--	--	--	--	--	0.1	--	NSP
5/1/2001	--		3.90	Sheen	48.25	--	--	--	--	--	--	--	--	--	
8/14/2001	--		4.17	0.00	47.98	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		4.25	0.03	47.92	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	68.48	3.55	0.50	65.31	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		3.31	0.22	65.34	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		2.25	0.00	66.23	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		4.68	0.00	63.80	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		3.42	Sheen	65.06	--	--	--	--	--	--	--	--	--	
5/22/2003	--		1.91	0.00	66.57	--	--	--	--	--	--	--	--	--	NSP

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-1 Cont.															
8/7/2003	--	68.48	4.00	Sheen	64.48	--	--	--	--	--	--	--	--	--	
11/24/2003	--		0.40	0.00	68.08	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		0.46	0.00	68.02	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	56.65	1.06	0.00	55.59	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		7.10	0.00	49.55	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		8.55	0.00	48.10	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		0.32	Sheen	56.33	--	--	--	--	--	--	--	--	--	
6/2/2005	--		1.10	0.00	55.55	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		4.27	0.00	52.38	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		5.56	0.00	51.09	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		0.84	Sheen	55.81	--	--	--	--	--	--	--	--	--	
5/16/2006	--		2.09	0.00	54.56	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.98	0.00	51.67	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		4.91	0.00	51.74	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		0.35	0.00	56.30	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		1.79	0.00	54.86	--	--	--	--	--	--	--	--	--	NSP
8/22/2007	--		3.80	0.00	52.85	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		5.56	0.00	51.09	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		1.11	0.00	55.54	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		6.68	0.00	49.97	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		8.28	0.02	48.39	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		8.30	0.01	48.36	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		0.00	0.00	56.65	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.42	0.00	54.23	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		5.28	0.00	51.37	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		0.67	0.00	55.98	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		9.40	0.00	47.25	--	--	--	--	--	--	--	--	--	
2/16/2011	--		2.85	0.00	53.80	--	--	--	--	--	--	--	--	--	
8/2/2011	--		5.57	0.00	51.08	--	--	--	--	--	--	--	--	--	
2/9/2012	--		5.50	0.00	51.15	--	--	--	--	--	--	--	--	--	

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-1 Cont.															
8/29/2012	--	56.65	5.37	Sheen	51.28	--	--	--	--	--	--	--	--	--	
3/25/2013	--		5.68	0.01	50.98	--	--	--	--	--	--	--	--	--	
8/29/2013	--		5.34	Sheen	51.31	--	--	--	--	--	--	--	--	--	
2/26/2014	--		5.41	0.02	51.26	--	--	--	--	--	--	--	--	--	
8/29/2014	--		5.07	0.00	51.58	--	--	--	--	--	--	--	--	--	
2/17/2015	--		1.89	Sheen	54.76	--	--	--	--	--	--	--	--	--	
9/29/2015	--		3.79	0.00	52.86	--	--	--	--	--	--	--	--	--	
2/18/2016	--		3.65	0.00	53.00	--	--	--	--	--	--	--	--	--	
8/30/2016	--		3.41	0.00	53.24	--	--	--	--	--	--	--	--	--	
1/19/2017	--		3.34	<0.01	53.31	--	--	--	--	--	--	--	--	--	
V-2															
9/4/1998	--	50.60	19.60	Sheen	31.00	--	--	--	--	--	--	--	1.6	--	
12/18/1998	--		14.76	Sheen	35.84	--	--	--	--	--	--	--	--	--	
3/18/1999	--		11.12	Sheen	39.48	--	--	--	--	--	--	--	1.9	--	
7/2/1999	--		10.89	0.02	39.73	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		12.64	Sheen	37.96	--	--	--	--	--	--	--	--	--	
1/3/2000	--		10.30	Sheen	40.30	--	--	--	--	--	--	--	1.6	--	
4/1/2000	--		0.01	0.00	50.59	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		4.75	0.01	45.86	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		6.75	0.00	43.85	--	--	--	--	--	--	--	0.5	--	NSP
11/21/2000	--		7.33	0.00	43.27	--	--	--	--	--	--	--	0.4	--	NSP
3/7/2001	--		6.29	0.00	44.31	--	--	--	--	--	--	--	0.4	--	NSP
5/1/2001	--		5.90	0.02	44.72	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		6.15	0.28	44.66	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		6.30	0.55	44.71	--	--	--	--	--	--	--	1.0	--	SPH
1/18/2002	--	66.95	6.02	0.91	61.61	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		6.29	0.32	60.90	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		5.87	0.04	61.11	--	--	--	--	--	--	--	--	--	SPH
10/31/2002	--		7.85	0.08	59.16	--	--	--	--	--	--	--	--	--	SPH
2/17/2003	--		0.61	Sheen	66.34	--	--	--	--	--	--	--	--	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-2 Cont.															
5/22/2003	--	66.95	2.47	0.00	64.48	--	--	--	--	--	--	--	--	--	NSP
8/7/2003	--		6.33	Sheen	60.62	--	--	--	--	--	--	--	--	--	
11/24/2003	--		7.23	0.00	59.72	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		1.68	0.00	65.27	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	55.12	2.70	0.00	52.42	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		7.40	0.00	47.72	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	
2/21/2005	--		0.14	Sheen	54.98	--	--	--	--	--	--	--	--	--	
6/2/2005	--		2.00	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.80	0.00	51.32	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		6.27	Sheen	48.85	--	--	--	--	--	--	--	--	--	
2/13/2006	--		3.89	Sheen	51.23	--	--	--	--	--	--	--	--	--	
5/16/2006	--		--	--	--	--	--	--	--	--	--	--	--	--	
9/5/2006	--		1.90	0.00	53.22	--	--	--	--	--	--	--	--	--	NS
10/31/2006	--		3.21	0.00	51.91	--	--	--	--	--	--	--	--	--	NS
11/13/2006	--		3.49	0.00	51.63	--	--	--	--	--	--	--	--	--	NS
12/6/2006	--		3.82	0.00	51.30	--	--	--	--	--	--	--	--	--	NS
1/30/2007	--		3.52	0.00	51.60	--	--	--	--	--	--	--	--	--	NS
2/26/2007	--		2.84	0.00	52.28	--	--	--	--	--	--	--	--	--	NS
4/20/2007	--		1.81	0.01	53.32	--	--	--	--	--	--	--	--	--	SPH
5/29/2007	--		2.63	0.03	52.51	--	--	--	--	--	--	--	--	--	SPH
6/29/2007	--		3.25	0.01	51.88	--	--	--	--	--	--	--	--	--	SPH
7/20/2007	--		3.01	0.01	52.12	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		6.20	Sheen	48.92	--	--	--	--	--	--	--	--	--	
9/19/2007	--		6.54	0.02	48.60	--	--	--	--	--	--	--	--	--	SPH
10/17/2007	--		10.89	0.00	44.23	--	--	--	--	--	--	--	--	--	
11/29/2007	--		9.25	0.00	45.87	--	--	--	--	--	--	--	--	--	NSP
2/15/2008	--		3.45	Sheen	51.67	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		2.75	0.00	52.37	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		0.55	0.00	54.57	--	--	--	--	--	--	--	--	--	NSP

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-2 Cont.															
4/16/2008	--	55.12	6.16	0.00	48.96	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		6.00	0.00	49.12	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		5.83	0.00	49.29	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		0.40	0.00	54.72	--	--	--	--	--	--	--	--	--	NSP
7/16/2008	--		7.00	0.00	48.12	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		6.87	0.00	48.25	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		6.93	Sheen	48.19	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		0.70	0.00	54.42	--	--	--	--	--	--	--	--	--	NSP
10/14/2008	--		8.06	0.00	47.06	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		7.13	0.00	47.99	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		2.00	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		6.53	0.00	48.59	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		5.50	0.00	49.62	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		2.15	0.00	52.97	--	--	--	--	--	--	--	--	--	NSP
3/3/2009	--		21.47	0.00	33.65	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		4.60	0.00	50.52	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		4.09	0.00	51.03	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.61	0.00	52.51	--	--	--	--	--	--	--	--	--	NSP
6/12/2009	--		7.58	0.00	47.54	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		6.03	0.00	49.09	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.90	0.00	51.22	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		0.30	0.00	54.82	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		2.30	0.00	52.82	--	--	--	--	--	--	--	--	--	
2/16/2011	--		0.56	0.00	54.56	--	--	--	--	--	--	--	--	--	
8/2/2011	--		0.00	0.00	55.12	--	--	--	--	--	--	--	--	--	c
2/9/2012	--		2.20	0.00	52.92	--	--	--	--	--	--	--	--	--	
8/29/2012	--		2.63	0.00	52.49	--	--	--	--	--	--	--	--	--	
3/25/2013	--		2.35	0.00	52.77	--	--	--	--	--	--	--	--	--	
8/29/2013	--		3.87	0.00	51.25	--	--	--	--	--	--	--	--	--	
2/26/2014	--		5.86	0.00	49.26	--	--	--	--	--	--	--	--	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-2 Cont.															
8/29/2014	--	55.12	6.02	0.00	49.10	--	--	--	--	--	--	--	--	--	
2/17/2015	--		2.57	0.00	52.55	--	--	--	--	--	--	--	--	--	
9/29/2015	--		5.94	0.00	49.18	--	--	--	--	--	--	--	--	--	
2/18/2016	--		2.41	0.00	52.71	--	--	--	--	--	--	--	--	--	
8/30/2016	--		2.53	0.00	52.59	--	--	--	--	--	--	--	--	--	
1/19/2017	--		0.15	0.00	54.97	--	--	--	--	--	--	--	--	--	
V-3															
9/4/1998	--	NS	9.99	Sheen	--	--	--	--	--	--	--	--	1.5	--	
12/18/1998	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		3.05	Sheen	--	--	--	--	--	--	--	--	1.6	--	
7/2/1999	--		5.56	0.00	--	--	--	--	--	--	--	--	1.2	--	NSP
9/28/1999	--		5.43	Sheen	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--		6.03	Sheen	--	--	--	--	--	--	--	--	1.5	--	
4/1/2000	--		2.33	0.00	--	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		4.21	0.01	--	--	--	--	--	--	--	--	0.7	--	SPH
8/17/2000	--		5.80	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
11/21/2000	--		5.14	0.00	--	--	--	--	--	--	--	--	0.1	--	NSP
3/7/2001	--		5.08	0.00	--	--	--	--	--	--	--	--	0.1	--	NSP
5/1/2001	--		7.00	0.00	--	--	440	17	2.7	7.8	100	33	--	--	NSP
8/14/2001	--		7.19	0.00	--	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		9.23	0.08	--	--	--	--	--	--	--	--	0.5	--	SPH
1/18/2002	--	66.55	9.05	0.55	57.91	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		9.05	0.26	57.70	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		3.46	0.00	63.09	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		4.76	0.00	61.79	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		0.10	Sheen	66.45	--	--	--	--	--	--	--	--	--	
5/22/2003	--		1.02	Sheen	65.53	--	--	--	--	--	--	--	--	--	
8/7/2003	--		3.41	0.00	63.14	--	--	--	--	--	--	--	--	--	NSP
11/24/2003	--		0.55	0.00	66.00	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-3 Cont.															
5/6/2004	--	54.42	0.80	0.00	53.62	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		1.70	0.00	52.72	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		2.35	0.00	52.07	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		2.71	0.00	51.71	--	--	--	--	--	--	--	--	--	NSP
6/2/2005	--		2.95	0.00	51.47	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.44	0.00	50.98	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.71	0.00	50.71	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		3.83	Sheen	50.59	--	--	--	--	--	--	--	--	--	
5/16/2006	--		4.16	0.00	50.26	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.71	0.00	49.71	--	--	--	--	--	--	--	--	--	NSP
12/6/2006	--		4.89	0.00	49.53	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		5.04	0.00	49.38	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		5.40	0.00	49.02	--	--	--	--	--	--	--	--	--	NSP
8/22/2007	--		5.70	0.00	48.72	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		5.71	0.00	48.71	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		5.75	0.00	48.67	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		6.04	0.00	48.38	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		6.27	0.00	48.15	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		6.22	0.00	48.20	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		6.04	0.00	48.38	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		6.25	0.00	48.17	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		6.42	0.00	48.00	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		5.97	0.00	48.45	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		6.40	0.00	48.02	--	--	--	--	--	--	--	--	--	
2/16/2011	--		6.00	0.00	48.42	--	--	--	--	--	--	--	--	--	
8/2/2011	--		6.60	0.00	47.82	--	--	--	--	--	--	--	--	--	
2/9/2012	--		6.67	0.00	47.75	--	--	--	--	--	--	--	--	--	
8/29/2012	--		6.95	0.00	47.47	--	--	--	--	--	--	--	--	--	
3/25/2013	--		6.54	0.00	47.88	--	--	--	--	--	--	--	--	--	
8/29/2013	--		7.01	0.00	47.41	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-3 Cont.															
2/26/2014	--	54.42	6.61	0.00	47.81	--	--	--	--	--	--	--	--	--	
8/29/2014	--		6.87	0.00	47.55	--	--	--	--	--	--	--	--	--	
2/17/2015	--		6.36	0.00	48.06	--	--	--	--	--	--	--	--	--	
9/29/2015	--		5.49	0.00	48.93	--	--	--	--	--	--	--	--	--	
2/18/2016	--		5.41	0.00	49.01	--	--	--	--	--	--	--	--	--	
8/30/2016	--		5.82	0.00	48.60	--	--	--	--	--	--	--	--	--	
1/19/2017	--		5.34	0.00	49.08	--	--	--	--	--	--	--	--	--	
V-4															
9/4/1998	--	NS	4.76	Sheen	--	--	--	--	--	--	--	--	1.4	--	
12/18/1998	--		4.39	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		4.45	Sheen	--	--	--	--	--	--	--	--	1.9	--	
7/2/1999	--		4.70	0.00	--	--	--	--	--	--	--	--	1.3	--	NSP
9/28/1999	--		5.00	Sheen	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--		5.39	Sheen	--	--	--	--	--	--	--	--	1.6	--	
4/1/2000	--		4.95	0.00	--	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		5.01	0.00	--	--	--	--	--	--	--	--	1.1	--	NSP
8/17/2000	--		5.00	0.00	--	--	--	--	--	--	--	--	0.6	--	NSP
11/21/2000	--		4.93	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
3/7/2001	--		3.59	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
5/1/2001	--		2.20	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
5/1/2001	--		2.20	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
8/14/2001	--		2.37	0.00	--	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		2.30	0.00	--	--	--	--	--	--	--	--	0.6	--	NSP
1/18/2002	--	66.55	2.71	0.00	63.84	--	--	--	--	--	--	--	--	--	NSP
4/5/2002	--		2.95	0.00	63.60	--	--	--	--	--	--	--	--	--	NSP
8/8/2002	--		10.60	0.00	55.95	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		3.19	0.00	63.36	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		3.37	0.00	63.18	--	--	--	--	--	--	--	--	--	NSP
5/22/2003	--		3.39	Sheen	63.16	--	--	--	--	--	--	--	--	--	
8/7/2003	--		3.56	0.00	62.99	--	--	--	--	--	--	--	--	--	NSP

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-4 Cont.															
11/24/2003	--	66.55	4.43	0.00	62.12	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		4.20	0.00	62.35	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	54.71	3.38	0.00	51.33	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		3.80	0.00	50.91	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		4.31	0.00	50.40	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		3.28	0.00	51.43	--	--	--	--	--	--	--	--	--	NSP
6/2/2005	--		3.35	0.00	51.36	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.47	0.00	51.24	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.70	0.00	51.01	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		--	--	--	--	--	--	--	--	--	--	--	--	
5/16/2006	--		0.08	0.00	54.63	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.33	0.00	50.38	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		3.92	0.00	50.79	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		4.00	0.00	50.71	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
8/22/2007	--		4.39	0.00	50.32	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		4.70	0.00	50.01	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		4.45	0.00	50.26	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		4.51	0.00	50.20	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		4.60	0.00	50.11	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		4.52	0.00	50.19	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		4.35	0.00	50.36	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		3.53	0.00	51.18	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.65	0.00	51.06	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		3.10	0.00	51.61	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		3.52	0.00	51.19	--	--	--	--	--	--	--	--	--	
2/16/2011	--		1.58	0.00	53.13	--	--	--	--	--	--	--	--	--	
8/2/2011	--		1.67	0.00	53.04	--	--	--	--	--	--	--	--	--	
2/9/2012	--		3.44	0.00	51.27	--	--	--	--	--	--	--	--	--	
8/29/2012	--		3.46	0.00	51.25	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L						DO (mg/L)	pH	Footnote	
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes				MTBE
V-4 Cont.															
3/25/2013	--	54.71	3.48	0.00	51.23	--	--	--	--	--	--	--	--	--	
8/29/2013	--		4.05	0.00	50.66	--	--	--	--	--	--	--	--	--	
2/26/2014	--		4.93	0.00	49.78	--	--	--	--	--	--	--	--	--	
8/29/2014	--		4.02	0.00	50.69	--	--	--	--	--	--	--	--	--	
2/17/2015	--		3.64	0.00	51.07	--	--	--	--	--	--	--	--	--	
9/29/2015	--		4.48	0.00	50.23	--	--	--	--	--	--	--	--	--	
2/18/2016	--		1.06	0.00	53.65	--	--	--	--	--	--	--	--	--	
8/30/2016	--		1.79	0.00	52.92	--	--	--	--	--	--	--	--	--	
1/19/2017	--		1.58	0.00	53.13	--	--	--	--	--	--	--	--	--	

Symbols & Abbreviations:

--/- - = Not analyzed/applicable/sampled/measured

< = Not detected at or above specified laboratory reporting limit

DO = Dissolved oxygen

DTW = Depth to water in ft bgs

GRO = Gasoline range organics, range C4-C12

GWE = Groundwater elevation in ft

g/L = Micrograms per liter

mg/L = Milligrams per liter

MTBE = Methyl tert-butyl ether

NP = Not purged before sampling

P = Purged before sampling

PD = Purged Dry

TPHg = Total petroleum hydrocarbons as gasoline

TOC = Top of casing elevation in ft

DF = Reporting limits elevated due to matrix interferences

DRY = Well dry during gauging; not sampled

DUP = Duplicate sample

INA = Well inaccessible

N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

NP = Well not purged prior to sampling

NS = Well not sampled

Footnotes:

a = Well not sampled due to encroachment permit and traffic control issues

b = Water level elevation adjusted assuming a specific gravity of 0.75 for free product

c = Groundwater at top of casing

d = Well full of product

e = Insufficient water in well to conduct purging prior to sample collection; grab sample collected

f = DRO entry contain both non silica gel cleanup and silica gel cleanup values. Example: 920/450 denotes non silica gel cleanup/silica gel cleanup.

g = Method 8260B: The samples were collected in properly preserved vials for analysis of volatile organic compounds. However, the pH of 3 was outside the required criteria when verified by the laboratory, and corrective action was not possible.

h = DRO analysis not conducted due to sample container shipment error

NSP = Well not sampled this event, in accordance with groundwater sampling schedule

SPH = Well not sampled due to the presence of separate-phase hydrocarbons

LW = Quantitation of unknown hydrocarbon(s) in sample based on gasoline

LX = Quantitation of unknown hydrocarbon(s) in sample based on diesel

Notes:

Beginning in the first quarter 2008, the carbon range for GRO was changed from C4-C12 to C6-C12

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-1									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	<50	--	--	--	--	--	
3/7/2001	--	--	<100	--	--	--	--	--	
5/1/2001	--	--	<125	--	--	--	--	--	
8/14/2001	--	--	<50	--	--	--	--	--	
10/9/2001	--	--	<50	--	--	--	--	--	
1/18/2002	--	--	<250	--	--	--	--	--	
4/5/2002	--	--	<62	--	--	--	--	--	
8/8/2002	--	--	<250	--	--	--	--	--	
10/31/2002	--	--	<500	--	--	--	--	--	
2/18/2003	<4,000	<2,000	<50	<50	<50	<50	--	--	
5/22/2003	<5,000	<1,000	<25	<25	<25	<25	--	--	Artesian well, water at TOC
8/7/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
11/24/2003	<5,000	<1,000	<25	<25	<25	<25	--	--	
2/3/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
5/6/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	Resurveyed 3/11/04
7/30/2004	<50,000	<4,000	<250	<250	<250	<250	<250	<250	SPH
11/11/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
2/21/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
6/2/2005	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
8/4/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/23/2005	95,000	<1,000	<25	<25	<25	<25	<25	<25	Artesian well, water at TOC
12/2/2005	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/13/2006	<30,000	<2,000	<50	<50	<50	<50	<50	<50	
5/16/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
9/5/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
12/6/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
2/26/2007	--	--	--	--	--	--	--	--	INA
5/29/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-1 Cont.									
11/29/2007	--	--	--	--	--	--	--	--	SPH
3/28/2008	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
6/19/2008	--	--	--	--	--	--	--	--	SPH
9/18/2008	--	--	--	--	--	--	--	--	SPH
12/4/2008	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
3/2/2009	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
6/2/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	
9/11/2009	<6,000	<200	<10	<10	<10	<10	<10	<10	
3/26/2010	<1,500	130	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
9/28/2010	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	DF
2/16/2011	--	--	--	--	--	--	--	--	SPH
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
9/29/2015	<150	72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
8/30/2016	<150	56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
A-2									
12/18/1998	--	--	--	--	--	--	--	--	SPH
3/18/1999	--	--	--	--	--	--	--	--	SPH
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	18,000	--	--	--	--	--	
11/21/2000	--	--	14,000	--	--	--	--	--	DUP
3/7/2001	--	--	5.8	--	--	--	--	--	
3/7/2001	--	--	5.2	--	--	--	--	--	DUP
5/1/2001	--	--	<2.5	--	--	--	--	--	
8/14/2001	--	--	<2.5	--	--	--	--	--	DUP
8/14/2001	--	--	<2.5	--	--	--	--	--	DUP
10/9/2001	--	--	<2.5	--	--	--	--	--	DUP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-2 Cont.									
10/9/2001	--	--	<2.5	--	--	--	--	--	DUP
1/18/2002	--	--	<2.5	--	--	--	--	--	DUP
1/18/2002	--	--	<2.5	--	--	--	--	--	DUP
4/5/2002	--	--	3.9	--	--	--	--	--	
4/5/2002	--	--	7.0	--	--	--	--	--	DUP
8/8/2002	--	--	<2.5	--	--	--	--	--	
10/31/2002	--	--	<2.5	--	--	--	--	--	
2/18/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	--	--	Past hold time
5/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
2/3/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Resurveyed 3/11/04
8/6/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/11/2004	<100	26	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/21/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/6/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	<10	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	<10	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	<10	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	<10	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
3/2/2009	<300	<10	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-2 Cont.									
6/2/2009	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
3/26/2010	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	<10	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	<10	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	<10	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	<10	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	<10	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	<10	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	<10	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2014	<150	<10	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
2/17/2015	<150	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
9/29/2015	<150	<10	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	<10	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	
A-3									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	<250	--	--	--	--	--	NP
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	6.5	--	--	--	--	--	
10/31/2002	--	--	13	--	--	--	--	--	
2/18/2003	<40	290	<0.50	<0.50	<0.50	<0.50	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-3 Cont.									
5/22/2003	<100	370	<0.50	<0.50	<0.50	<0.50	--	--	Past hold time
8/7/2003	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2003	<100	340	<0.50	<0.50	<0.50	<0.50	--	--	
2/3/2004	<100	290	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2004	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	Dry
11/11/2004	--	--	--	--	--	--	--	--	SPH
2/21/2005	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2005	<100	280	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Very little water
8/4/2005	<100	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/23/2005	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	220	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	260	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	NS
12/6/2006	<300	280	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/30/2007	--	--	--	--	--	--	--	--	SPH
2/26/2007	<300	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/20/2007	--	--	--	--	--	--	--	--	NS
5/29/2007	<300	320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<300	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NP, Insufficient water
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	<300	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	<300	370	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	<1,500	310	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-3 Cont.									
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	<600	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	<1,500	320	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	<1,500	370	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	<600	310	<1.0	<1.0	<1.0	1.8	<1.0	<1.0	
3/26/2010	<600	370	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
9/28/2010	<600	340	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/16/2011	<600	320	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
8/2/2011	<600	360	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/9/2012	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
8/29/2012	<150	320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	420	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	380	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	390	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2014	<150	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/17/2015	<150	370	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/29/2015	<150	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	360	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-4									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	<500	--	--	--	--	--	
10/31/2002	--	--	--	--	--	--	--	--	SPH
2/18/2003	<20,000	<10,000	390	<250	<250	<250	--	--	Past hold time
5/22/2003	--	--	--	--	--	--	--	--	SPH
8/7/2003	--	--	--	--	--	--	--	--	SPH
11/24/2003	--	--	--	--	--	--	--	--	SPH
5/6/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	Resurveyed 3/11/04
11/11/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
2/21/2005	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
6/2/2005	--	--	--	--	--	--	--	--	SPH
8/4/2005	--	--	--	--	--	--	--	--	SPH
11/23/2005	--	--	--	--	--	--	--	--	SPH
2/13/2006	<30,000	<2,000	<50	<50	<50	<50	<50	<50	
5/16/2006	<6,000	<400	22	<10	<10	<10	<10	<10	
9/5/2006	--	--	--	--	--	--	--	--	SPH
10/31/2006	--	--	--	--	--	--	--	--	SPH
12/6/2006	<6,000	<400	30	<10	<10	<10	<10	<10	
1/30/2007	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/26/2007	--	--	--	--	--	--	--	--	INA
4/20/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	<3,000	<200	24	<5.0	<5.0	<5.0	<5.0	<5.0	
6/29/2007	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-4 Cont.									
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<3,000	<200	27	<5.0	<5.0	<5.0	<5.0	<5.0	
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	<6,000	<400	25	<10	<10	<10	<10	<10	
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	SPH
4/16/2008	--	--	--	--	--	--	--	--	NSP, Oily material bailed
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	<300,000	<10,000	<500	<500	<500	<500	<500	<500	
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	SPH
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	SPH
12/18/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	SPH
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	SPH
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	SPH
3/26/2010	--	--	--	--	--	--	--	--	SPH
9/28/2010	--	--	--	--	--	--	--	--	SPH
2/16/2011	<1500	160	21	<2.5	<2.5	<2.5	<2.5	<2.5	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-4 Cont.									
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
9/29/2015	<150	120	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	90	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	88	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	61	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
A-5									
12/18/1998	--	--	--	--	--	--	--	--	SPH
3/18/1999	--	--	--	--	--	--	--	--	SPH
7/2/1999	--	--	--	--	--	--	--	--	SPH
9/28/1999	--	--	--	--	--	--	--	--	SPH
1/3/2000	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
10/31/2002	--	--	--	--	--	--	--	--	SPH
11/24/2003	--	--	--	--	--	--	--	--	SPH
5/6/2004	--	--	--	--	--	--	--	--	Resurveyed 3/11/04
11/11/2004	--	--	--	--	--	--	--	--	SPH
2/21/2005	--	--	--	--	--	--	--	--	SPH
6/2/2005	--	--	--	--	--	--	--	--	SPH
8/4/2005	--	--	--	--	--	--	--	--	SPH
11/23/2005	--	--	--	--	--	--	--	--	SPH
2/13/2006	--	--	--	--	--	--	--	--	SPH
5/16/2006	--	--	--	--	--	--	--	--	NS

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-5 Cont.									
9/5/2006	--	--	--	--	--	--	--	--	SPH
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	SPH
12/5/2006	--	--	--	--	--	--	--	--	SPH
1/30/2007	--	--	--	--	--	--	--	--	SPH
2/26/2007	<300,000	<20,000	<500	<500	<500	<500	<500	<500	
4/20/2007	--	--	--	--	--	--	--	--	NS
5/29/2007	--	--	--	--	--	--	--	--	SPH
6/29/2007	--	--	--	--	--	--	--	--	NS
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	--	--	--	--	--	--	--	--	SPH
9/19/2007	--	--	--	--	--	--	--	--	NSP
10/17/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	SPH
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	SPH
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	SPH
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	SPH
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	SPH
12/18/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	SPH

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-5 Cont.									
3/3/2009	--	--	--	--	--	--	--	--	SPH
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	SPH
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	SPH
3/26/2010	--	--	--	--	--	--	--	--	SPH
9/28/2010	--	--	--	--	--	--	--	--	SPH
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
A-6									
1/18/2002	--	--	310	--	--	--	--	--	
4/5/2002	--	--	230	--	--	--	--	--	
8/8/2002	--	--	100	--	--	--	--	--	
10/31/2002	--	--	170	--	--	--	--	--	
2/17/2003	<4,000	<2,000	91	<50	<50	<50	--	--	
5/22/2003	<10,000	<2,000	79	<50	<50	<50	--	--	Past hold time
8/7/2003	<5,000	<1,000	38	<25	<25	<25	<25	<25	
11/24/2003	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
8/6/2004	<5,000	<1,000	35	<25	<25	<25	<25	<25	
11/11/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
2/21/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
6/2/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
8/4/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/23/2005	<1,000	<200	19	<5.0	<5.0	<5.0	<5.0	<5.0	
2/13/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
5/16/2006	<300	120	23	<0.50	<0.50	1.6	<0.50	<0.50	
9/5/2006	<3,000	<200	26	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-6 Cont.									
12/6/2006	<300	97	20	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	150	21	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	98	15	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	75	12	<0.50	<0.50	<0.50	<0.50	<0.50	Insufficient water
11/29/2007	<300	79	11	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	16	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	19	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
3/2/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2009	<300	11	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	46	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	44	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	63	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	37	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	38	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	35	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	56	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	53	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	54	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2014	<150	32	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
2/17/2015	<150	47	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	
9/29/2015	<150	47	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2016	<150	41	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	36	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	38	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
A-7									
1/18/2002	--	--	<50	--	--	--	--	--	
4/5/2002	--	--	<25	--	--	--	--	--	
8/8/2002	--	--	8.2	--	--	--	--	--	
10/31/2002	--	--	<50	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-7 Cont.									
2/17/2003	<200	210	<2.5	<2.5	<2.5	<2.5	--	--	
5/22/2003	<500	240	<2.5	<2.5	<2.5	<2.5	--	--	
8/7/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/24/2003	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	<500	300	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
8/6/2004	<100	240	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/11/2004	<200	280	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/21/2005	<200	260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
6/2/2005	<100	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2005	<100	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/23/2005	<100	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/5/2006	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Insufficient water
11/29/2007	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/2/2009	<300	94	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2009	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-7 Cont.									
3/25/2013	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2014	<150	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/17/2015	<150	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/29/2015	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/30/2016	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/19/2017	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
EX-1									
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
1/30/2007	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
4/20/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
6/29/2007	--	--	--	--	--	--	--	--	NSP
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	--	--	--	--	--	--	--	--	NSP
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	INA/NSP, Oversized vault lid
2/15/2008	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
EX-1 Cont.									
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-1									
7/2/1999	--	--	--	--	--	--	--	--	SPH
9/28/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
8/14/2001	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-1 Cont.									
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
5/22/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-2									
7/2/1999	--	--	--	--	--	--	--	--	SPH
4/1/2000	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-2 Cont.									
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	SPH
10/31/2002	--	--	--	--	--	--	--	--	SPH
5/22/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NS
10/31/2006	--	--	--	--	--	--	--	--	NS
11/13/2006	--	--	--	--	--	--	--	--	NS
12/6/2006	--	--	--	--	--	--	--	--	NS
1/30/2007	--	--	--	--	--	--	--	--	NS
2/26/2007	--	--	--	--	--	--	--	--	NS
4/20/2007	--	--	--	--	--	--	--	--	SPH
5/29/2007	--	--	--	--	--	--	--	--	SPH
6/29/2007	--	--	--	--	--	--	--	--	SPH
7/20/2007	--	--	--	--	--	--	--	--	SPH
9/19/2007	--	--	--	--	--	--	--	--	SPH
11/29/2007	--	--	--	--	--	--	--	--	NSP
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-2 Cont.									
3/28/2008	--	--	--	--	--	--	--	--	NSP
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-3									
7/2/1999	--	--	--	--	--	--	--	--	NSP
4/1/2000	--	--	--	--	--	--	--	--	NSP
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
5/1/2001	--	--	33	--	--	--	--	--	NSP
8/14/2001	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-3 Cont.									
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
8/7/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/6/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-4									
7/2/1999	--	--	--	--	--	--	--	--	NSP
4/1/2000	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-4 Cont.									
6/22/2000	--	--	--	--	--	--	--	--	NSP
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
5/1/2001	--	--	<2.5	--	--	--	--	--	
5/1/2001	--	--	<2.5	--	--	--	--	--	
8/14/2001	--	--	--	--	--	--	--	--	NSP
10/9/2001	--	--	--	--	--	--	--	--	NSP
1/18/2002	--	--	--	--	--	--	--	--	NSP
4/5/2002	--	--	--	--	--	--	--	--	NSP
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
2/17/2003	--	--	--	--	--	--	--	--	NSP
8/7/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	INA
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-4 Cont.									
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP

Symbols & Abbreviations:

-- = Not analyzed/sampled

< = Not detected at or above specified laboratory reporting limit

1,2-DCA = 1,2-Dichloroethane

DIPE = Diisopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

µg/L = Micrograms per liter

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

DRY = Well dry during gauging; not sampled

DUP = Duplicate sample

DF = Reporting limits elevated due to matrix interferences

INA = Well inaccessible

N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

NP = Well not purged prior to sampling

NS = Well not sampled

NSP = Well not sampled this event, in accordance with groundwater sampling schedule

SPH = Well not sampled due to the presence of separate-phase hydrocarbons

a = Method 8260B: The samples were collected in properly preserved vials for analysis of volatile organic compounds. However, the pH of 3 was outside the required criteria when verified by the laboratory, and corrective action was not possible.

Notes:

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

Table 3. Summary of Groundwater Gradient - Direction and Magnitude

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Date Measured	Approximate Gradient Direction	Approximate Gradient Magnitude (ft/ft)
8/8/2002	WNW	0.110
10/31/2002	NNW	0.062
2/18/2003	NW	0.100
5/22/2003	S	0.049
8/7/2003	SE	0.056
11/24/2003	SW	0.050
2/3/2004	W	0.057
5/6/2004	WSW	0.083
7/30/2004	SSE	0.048
11/11/2004	SW	0.120
2/21/2005	SW	0.200
6/2/2005	ESE	0.400
8/4/2005	ESE	0.800
11/23/2005	W	0.060
2/13/2006	W	0.030
5/16/2006	W and NW	0.016 to 0.060
9/5/2006	SSW	0.025
12/6/2006	SW	0.069
2/26/2007	SW	0.090
5/29/2007	SW	0.054
8/22/2007	W	0.025
11/29/2007	NE	0.031
3/28/2008	NE	0.120
6/19/2008	ENE	0.040
9/18/2008	NE	0.103
12/4/2008	NE	0.085
3/2/2009	NE	1.670
6/2/2009	NE and NW	0.064 to 0.067
9/11/2009	NE and W	0.182 to 0.250
3/26/2010	WNW	0.093
9/28/2010	NW	0.046
2/16/2011	NW to E	0.076 to 0.11
8/2/2011	N to ENE	0.05 to 0.07
2/9/2012	NW	0.05
8/29/2012	WNW	0.10
3/25/2013	WNW	0.13
8/29/2013	NW	0.08
2/26/2014	WNW	0.049
2/17/2015	NW	0.082
9/29/2015	W	0.03
2/18/2016	NW	0.06
8/30/2016	NW	0.07
1/19/2017	NW	0.07

Table 3. Summary of Groundwater Gradient - Direction and Magnitude

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Date Measured	Approximate Gradient Direction	Approximate Gradient Magnitude (ft/ft)
---------------	--------------------------------	--

Notes:

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information



BROADBENT

4820 Business Center Drive, Suite 110
Fairfield, CA 94534
[T] 707-455-7290 [F] 707-863-9046
broadbentinc.com

Creating Solutions. Building Trust.

October 15, 2014

Project No. 09-88-709

Atlantic Richfield Company
P.O. Box 1257
San Ramon, CA 94583
Submitted via ENFOS

Attn.: Mr. Chuck Carmel

Re: Conceptual Site Model and Sensitive Receptor Survey
Atlantic Richfield Company Station No. 6228, 2747 Pinole Valley Road, Pinole,
Contra Costa County, California; Regulatory Site No. 07-0433

Dear Mr. Carmel:

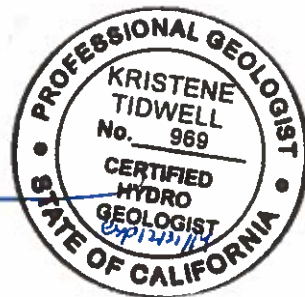
Broadbent & Associates, Inc. is pleased to submit this *Conceptual Site Model and Sensitive Receptor Survey* on behalf of Atlantic Richfield Company – a BP affiliated company, for ARCO Station No. 6228 located at 2747 Pinole Valley Road, Pinole, Contra Costa County, California.

Please do not hesitate to contact us directly at (707) 455-7290 if you should have questions or require additional information.

Sincerely,
BROADBENT & ASSOCIATES, INC.

Jason Duda
Senior Scientist

Kristene Tidwell, P.G., C.HG
Associate Hydrogeologist



cc: Mr. Martin Musonge, San Francisco Bay Region – Regional Water Quality Control Board
Ms. Sue Loyd, Contra Costa County – Hazardous Materials Program
Electronic Copy Uploaded to GeoTracker

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Drawing 5	GRO Iso Concentration Contour Map First Quarter 2014
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Appendix A.	Historical Groundwater and Soil Data
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Appendix C.	Dual-Phase and Soil Vapor Extraction Pilot Testing Data
Appendix D.	Sensitive Receptor Survey Data

CONCEPTUAL SITE MODEL AND SENSITIVE RECEPTOR SURVEY
Atlantic Richfield Company Station #6228
2747 Pinole Valley Road
Pinole, Contra Costa County, California

1.0 □ INTRODUCTION

On behalf of the Atlantic Richfield Company (ARC) - a BP affiliated company, Broadbent & Associates, Inc. (Broadbent) has prepared this *Conceptual Site Model and Sensitive Receptor Survey* (CSM and SRS) associated with Atlantic Richfield Company Station No. 6228 located at 2747 Pinole Valley Road, Contra Costa County, Pinole, California (Site or Station No. 6228). This CSM and SRS has been prepared to assist with documentation and evaluation of Site conditions and potential sensitive receptors in the vicinity of the Site. This report includes discussions of the Site's background and previous environmental activities, regional and Site geology and hydrogeology, definitions of residual contamination within soil and groundwater, status of Site remediation, sensitive receptors, exposure pathways, data gaps and conclusions and recommendations.

2.0 □ SITE DESCRIPTION

2.1 □ Current Site Use

The Site is an active ARCO-branded gasoline retail outlet located on the east side of Pinole Valley Road in a primarily commercial district of Pinole, California. A Site Location Map is provided as Drawing 1. Station No. 6228 consists of a convenience store building and a gasoline distribution system including two gasoline underground storage tanks (USTs) with associated piping and dispensers. The Site is covered with asphalt and concrete surfacing. A Site Map depicting current wells and historical boring and sample locations is provided as Drawing 2.

2.2 □ Conceptual Site Model

A Conceptual Site Model (CSM) has been developed to enhance the Site understanding and identify any potential data gaps that need to be addressed prior to the Site being eligible for closure under the Low Threat Underground Storage Tank (UST) Closure Policy (SWRCB, 2012). The CSM includes discussions of regional and Site geology, petroleum impacts present in soil and groundwater, the vertical and lateral extent of impacts, nearby receptors including wells and surface water, and remedial actions taken. This CSM is included as Table 1.

2.3 □ Document Purpose and Organization

The purpose of this document is to summarize and present current Site conditions in the form of a CSM and evaluate these conditions and data gathered for Site closure based on the Low Threat UST Closure Policy. The following section presents justification for Closure based on the CSM. The CSM is presented as Table 1. Tables 2 and 3 present historical and current groundwater analytical data. Table 4 summarizes historical and current groundwater gradient data. Table 5 presents light non-aqueous phase liquid (LNAPL) recovery amounts. Previous environmental investigation history, results of the SRS recently conducted, a discussion of identified data gaps, and conclusions and recommendations are presented in the following sections.

3.0 ENVIRONMENTAL PROJECT HISTORY

A UST unauthorized release report was initially filed for Station No. 6228 in 1992 when hydrocarbon impacted soil was discovered during drilling activities. A report describing these drilling activities could not be located so the details surrounding the release are unknown. Inspection of the USTs during upgrade activities conducted in 2000 did not reveal evidence of leaks. A small two-inch interior patch was observed on the bottom center of the 8,000 gallon UST. However, LNAPL was observed within the product piping trenches during removal, possibly suggesting that the main source of the release stemmed from the product piping and/or dispensers. Laboratory analytical results obtained from UST sampling activities and sampling locations are summarized in Appendix A. Subsequent environmental investigations have resulted in the installation of 11 monitoring wells and one extraction well.

An automated car wash was previously located on the north side of the Site in the approximate location of the current station building. The automated car wash included an underground rinse water reclamation system. However, the exact location of the cistern was not indicated on previous Site maps. Pacific Environmental Group (PEG) reported that a leaky car wash cistern may have contributed to or be the primary source of perched water observed in the surficial materials. During groundwater investigations prior to 1996, a green waxy substance that was verified by a laboratory to be car wax was identified in some of the onsite wells, confirming the leaking status of the cistern (PEG, 1996b).

3.1 Well Installation and Soil Vapor Survey

In 1992, PEG installed monitoring wells A-1 through A-5 and V-1 through V-4 in an effort to further evaluate potential hydrocarbon contamination present onsite. PEG also performed two soil vapor extraction (SVE) tests in 1996. The test results showed no appreciable yield of soil vapors due to the low permeability of the sediments beneath the Site. Well construction details and boring logs are provided in Appendix B and historic soil data are contained in Appendix A.

3.2 Light Non-Aqueous Phase Liquid (LNAPL) Recovery

Groundwater monitoring has been conducted at the Site since 1994 and LNAPL bailing has been conducted on various wells at the Site since 1996. LNAPL has historically been observed in each onsite well. LNAPL in the form of sheen was observed during the most recent semi-annual monitoring event in wells A-1, A-4, and A-5, and a small amount of LNAPL was reported in well V-1. Monthly LNAPL bailing was conducted at the Site through Fourth Quarter 2012, at which time absorbent socks were installed within wells A-4 and A-5 in order to increase the efficiency of LNAPL removal. An absorbent sock was also installed in well A-1 during Second Quarter 2013. Absorbent socks were removed after the First Quarter 2014 monitoring event in order to evaluate the presence of LNAPL and sheen in these wells for determination of future sampling. A week following this monitoring event, sheen was only observed in two of these wells, A-1 and V-1, and LNAPL was below measurable amounts. Periodic visits such as this one are currently being made to the Site to evaluate the need for absorbent socks and to gauge and bail LNAPL as necessary (Table 5).

3.3 Soil Sampling Activities

In 1998 Pinnacle Environmental Solutions (Pinnacle) performed soil sampling beneath the product piping near the dispenser islands during product piping upgrades. Pinnacle collected eight soil samples from below the exposed product piping at depths ranging from 2.5 feet below ground surface (ft bgs) to

3.0 ft bgs. Elevated concentrations of total petroleum hydrocarbons as gasoline (TPHg) and methyl tert-butyl ether (MTBE) were observed in the soil samples (Appendix A). Approximately four cubic yards of hydrocarbon impacted soil were removed from the Site during piping upgrade activities.

3.4 UST and Product Piping Removal Activities

In November 2000, product piping, two 10,000-gallon and one 8,000-gallon fiberglass USTs were removed from the Site by Henderson Construction of Stockton, California under observation by Cambria Environmental Technologies, Inc. (Cambria). One two-inch interior patch was noted on the bottom center of the 8,000 gallon UST. No leaks were identified in the USTs during removal activities. Groundwater was observed in the UST excavation area at approximately 10 ft bgs; no LNAPL was observed. LNAPL was observed in the product piping trenches within a six-inch layer of pea gravel interbedded between clay layers at approximately 3 to 3.5 ft bgs. TPHg, benzene, and MTBE were observed in the soil samples collected within the UST and product piping excavations. Approximately 58,200 gallons of non-hazardous groundwater and 1,318 tons of hydrocarbon impacted soil were removed during upgrade activities. Cambria also installed remediation piping, remediation well EX-1, and tank backfill well TB-1 during the upgrade activities. Soil analytical data are provided in Appendix A.

3.5 Offsite Monitoring Well Installations

In December 2001, Cambria installed offsite wells A-6 and A-7 during a Site investigation. Twelve soil samples were collected from borings A-6 and A-7 during well installation activities. Elevated concentrations of hydrocarbons were observed within each soil sample collected below groundwater in borings A-6 and A-7.

3.6 Groundwater Step-Drawdown Tests

In October 2003, URS conducted groundwater step-drawdown tests on monitoring wells A-4 and A-5. The tests were conducted in order to determine the sustainable pumping rate from each well. During the test, A-4 experienced continuous draw-down and a sustained pumping rate was never achieved. It was determined that A-4 could not sustain a minimal pumping rate of 0.25 gallons per minute (gpm). A recharge rate of 0.022 feet per hour was calculated for A-4. Well A-5 experienced similar results and was also unable to sustain a minimal pumping rate of 0.25 gpm.

3.7 Dual-Phase Extraction Event

In May 2004, URS conducted a multiple-day Dual Phase Extraction (DPE) event utilizing wells A-4 and A-5. The total operational time of the DPE event was approximately 102 hours. Results indicated that DPE is not an effective or feasible technology for remediation at the Site. No measurable induced vacuum, very little drawdown, and generally low vapor and groundwater extraction rates were observed during DPE testing activities. Approximately 7.35 pounds (lbs) of gasoline range organics (GRO) and 0.44 lbs of benzene, toluene, ethylbenzene, and total xylenes (BTEX) were removed in the vapor phase. Approximately 125 gallons of groundwater were extracted during the DPE event, which removed negligible amounts of GRO, BTEX, and MTBE (Appendix C).

4.0 SENSITIVE RECEPTOR SURVEY

A sensitive receptor survey was conducted for the area within a 2,000 ft radius of the Site. The initial stage of the survey consisted of a well search implemented through the Department of Water Resources – Northern Region (DWR). Contact was also made with the local water purveyors, the East Bay Municipal Utility District and the City of Pinole Public Works department, to assist with locating other potential water supply wells within the search radius.

4.1 Climate

Much of Pinole consists of gently rolling hills with steeper hills paralleling on the north and south with elevations ranging from sea level to 500 feet above sea level. The climate of the Pinole, California area is characterized by relatively hot, dry summers and cool, moist winters. The average annual precipitation for this region is approximately 23 inches per year, with the majority of the precipitation occurring between the months of November through March. Monthly average temperatures in Richmond, the nearest COOP weather station, range from 42° to 61° Fahrenheit (F) in the winter and 54° to 74° F in the summer, with a mean annual temperature of 59° F (<http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca7414>).

4.2 Water Supply Well Search

Broadbent requested a well search through the DWR database and conducted telephone interviews with local water purveyors in the area to determine the locations and quantities of wells located within a 2,000 foot radius of the Site. DWR provided an extensive list of well completion reports including water supply and groundwater monitoring wells.

Well Driller's Reports obtained from the DWR were reviewed and efforts were made to determine if any well was located within the 2,000 foot search radius. Numerous monitoring wells were identified during the well search; however, these wells were not considered sensitive receptors and were not included in the report. No wells with potential consumptive use (i.e. municipal, domestic, irrigation, etc.) were identified within the search radius during review of DWR provided well records.

The East Bay Municipal Utility District and the City of Pinole confirmed that they do not have water supply wells within the search radius.

4.3 Public Utility Search

Broadbent contacted local utility companies in an effort to obtain as-built information associated with the location and depth of utilities adjacent to and potentially associated with the Site.

Pacific Gas and Electric (PG&E) has a natural gas main and electric power line that parallels Pinole Valley Road, in which service branches off the main line and enters the Site from the west. PG&E could not provide depths to service mains, however, their standard depth of placement is generally three ft bgs within the main street and two ft bgs on private property.

East Bay Municipal Utility District maps indicate the presence of main water service lines along Pinole Valley Road. No depth information was provided for the Site, however, as-built depths of water mains to the south of the Site along Pinole Valley road are located between five and 15 ft bgs.

The City of Pinole did not respond to our numerous requests regarding sewer lines within the vicinity of the Site.

Based on communications with the public utility representatives and review of as-built drawings, it appears that underground utility trenches as shallow as two ft and as deep as 15 ft bgs are present on and within the vicinity of the Site. However, based on historic groundwater gauging data and our understanding of the Site hydrogeology, it does not appear that these utility trenches could act as preferential pathways for contaminant migration. Although artesian conditions have been observed onsite, measured depth to groundwater produces a potentiometric surface measurement and does not necessarily represent actual depth to groundwater. Due to the complex geology onsite and well screen intervals intersecting various lithologic layers, pressurized conditions may lead to the observed artesian conditions. Underground gas lines, power lines, and water and sewer lines adjacent to the Site in Pinole Valley Road are above historic groundwater levels observed in wells A-6 and A-7.

4.4 Surface Water Bodies

Surface water bodies were located using satellite images available on Google, USGS topographic maps, and field surveys. The nearest surface water body appears to be Pinole Creek running in a south to north direction located approximately 400 ft southwest of the Site. Pinole Creek originates on Costa Peak on the west side of Briones Regional Park and empties into the San Pablo Bay and is indicative of a gaining stream near the Site based on the cross sectional stream profiles from the San Francisco Estuary Institute (SFEI) *Pinole Creek Watershed Sediment Source Assessment* (SFEI, 2005). The soil type associated with the portion of Pinole Creek directly downgradient of the Site is clear lake clay, as reported by the City of Pinole (City of Pinole, 2010). The presence of a predominantly clay soil was confirmed during a field visit to Pinole Creek by Broadbent staff on April 8, 2014. The underlying geology of this segment of Pinole Creek is Quaternary surficial deposits (Qu) and the Site (upgradient of the creek) is located near the contact between the Quaternary deposits and the underlying Hambre sandstone (Th), a massive medium-grained sandstone, according to the USGS geologic map of Pinole Creek watershed (SFEI, 2005; Graymer et. al., 1994). Pinole Creek is depicted on a map provided in Appendix D.

The next closest surface water body identified was the Maloney Reservoir located approximately 3,800 ft northwest of the Site and outside of the 2,000 foot sensitive receptor survey search radius. However, this appears to be a manmade reseviior.

4.5 Ecological Receptors

The Site is located within the City of Pinole commercial corridor adjacent to Interstate 80. Accordingly, areas surrounding the Site are developed, paved, and/or occupied by structures/buildings with limited areas of landscaping. The only potential riparian habitat may be located along Pinole Creek situated approximately 400 ft southwest of the Site. Burrowing mammals typically burrow at depths up to 6.5 ft bgs and may have the potential to encounter localized contaminated media; however, based on the current use of the property and surrounding area, the presence of burrowing animals is expected to be de minimus.

Broadbent performed a search for protected species within the Richmond quadrangle on the Department of Fish and Game, California Natural Diversity Database Website

(<http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp>). The database search results were generated using the Quad Viewer application on the Web site and are presented within Appendix D. The results of the database search indicate eight different species that have special status; however, impacts associated with the Site are not expected to affect protected species.

4.6 Schools and Hospitals

One high school, Pinole Valley High School, is located approximately 1,050 ft south-southwest of the Site. One medical center, Kaiser Permanente Pinole Medical Offices, is located approximately 1,585 ft north of the Site. No other schools or medical facilities were identified within the 2,000 foot search radius. A map depicting the locations of the school and medical facility and summary table are provided in Appendix D.

4.7 Sensitive Receptor Conclusions

The following conclusions are based on the available data at the time of the survey and Broadbent's knowledge of existing conditions at the Site.

- Groundwater contamination at the Site and the immediate area is present at concentrations above the San Francisco Bay Regional Quality Board (SFBRWQB) environmental screening levels.
- No municipal, domestic, or irrigation wells were identified within the search radius.
- One surface water body was identified within the 2,000 ft search radius.
- One medical center was identified within the 2,000 ft search radius.
- One high school was identified within the 2,000 ft search radius.

Potential exposure to shallow contaminated groundwater by the public is minimal due to its depth and restricted access. Exposure to residual contaminated soil is also limited as extensive effort would be required to provide access (i.e., excavation). The only potential access to contaminated groundwater may be located along Pinole Creek situated approximately 400 ft southwest of the Site, which is unlikely due to its distance from the Site in a cross-gradient direction, and the specific lithology of the creek bed being clay alluvium, suggesting that this receptor is unlikely to be threatened since Site groundwater monitoring wells and noted petroleum impacts are present in the bedrock beneath the alluvium (see Table 1, Site Geology and Hydrogeology). However full delineation of the Site petroleum plume is necessary to ensure the creek is not threatened. A map depicting sensitive receptor locations and a summary table are provided in Appendix D.

5.0 EXPOSURE PATHWAYS

Since the Site is open to the public, visitors/customers and workers have the potential to be exposed to contaminants associated with the Site. Potential exposure pathways associated with the Site include human ingestion, absorption, and inhalation via groundwater, subsurface soil, and soil vapor. A general discussion of each media and potential exposure pathways is provided below.

5.1 Groundwater

Potential exposure pathways via groundwater are ingestion and absorption; however, these exposure pathways are considered to be incomplete due to the depth to groundwater at the Site. Although groundwater in some wells onsite has historically risen to land surface, these are historical highs that do not commonly occur and measures to contain groundwater and eliminate exposure to the surface, including expandable well caps and secured well vault lids, have been taken. Human contact with groundwater through either ingestion or absorption does not appear to pose a significant threat to human health or safety. No nearby potential water use wells (domestic, irrigation, municipal supply) were identified during the recent sensitive receptor survey to be within 2,000- ft of the Site. A creek located 400 ft to the west is a potential receptor for impacted groundwater, but the specific lithology of the creek bed being clay alluvium suggests that this receptor is unlikely to be threatened since Site groundwater monitoring wells and noted petroleum impacts are present in the bedrock beneath the alluvium (see Table 1, Site Geology and Hydrogeology).

5.2 Subsurface Soil

Potential exposure pathways via subsurface soil are ingestion and absorption; however, these exposure pathways are considered to be incomplete. Impacted shallow soil has been documented in the areas beneath the USTs and near the dispensers and piping conveyance runs; however, access to those soils is limited due to concrete and asphalt surface cover. Additionally, due to the fact that the Site and surrounding areas are developed and mostly paved, and that human contact with subsurface soil is unlikely, general human contact with subsurface soil does not appear to pose a significant threat to human health or safety.

5.3 Soil Vapor

The potential exposure pathway via soil vapor is inhalation. The Site is an active service station, and therefore, the State Water Board's Low-Threat UST Case Closure policy considers that petroleum vapors from onsite fueling activities are a far greater risk than those associated with exposure to vapors from historic petroleum releases. Minimal concentrations of diesel range organics (DRO), GRO and MTBE have recently been observed in offsite wells A-6 and A-7. However, based on the relatively low concentrations of GRO present and average depth to water observed in these two wells (A-6 ~ 26.29 ft bgs and A-7 ~ 20.46 ft bgs), offsite soil vapor intrusion to the northwest does not appear to be a concern at this time. Complete delineation of contamination plumes to the north and the east of the property has not been accomplished due to a lack of wells or investigation of soil and groundwater in these offsite areas. The most northerly well (A-3) and the most easterly well (A-1) are presently above Water Quality Objectives (WQOs) for petroleum hydrocarbons. While groundwater flow has been primarily to the northwest for the past several quarters, the groundwater flow direction has been variable and has been reported to have northerly and easterly flows throughout the Site's history (Table 4). The residential property to the east and upgradient of the Site (2700 block of Estates Avenue) has a steep grade with an elevation offset of approximately 15 ft above the eastern boundary of the Site. This provides a significant vertical buffer zone to the east of the Site had the flow direction ever shifted to the east in the past. It is highly unlikely that groundwater would have impacted the area east of well A-1 at levels shallow enough to be a risk due to the topography change; therefore, the residences on the 2700 block of Estates Avenue are not considered at risk for soil vapor intrusion. Additionally, minimal volatile component concentrations (e.g. benzene) remain present in Site groundwater due to the highly

degraded nature of the remaining impacts. The residual heavier end petroleum components pose a very minimal vapor intrusion risk.

6.0 DATA GAPS

The vertical extent of contamination at the Site has been adequately delineated in groundwater and to the maximum feasible extent in soil to a depth of 412 ft bgs. Although impacted soil appears to have been observed to total depth during advancement of the boring for well A-5, the detected concentrations were likely effected by impacted groundwater and the highly fractured subsurface geology. The subsurface geology in this area is highly influenced by the fault at the Site (See CSM; Table 1). This fault zone likely caused a preferential pathway for vertical migration of petroleum through this more brecciated bedrock. Further surface influence from the leaking car wash (See Section 3.0) likely caused additional pressure causing further downward migration of petroleum through this fault zone. Since the time of the release the car wash has been removed and free product removal efforts have removed LNAPL to the extent practical in this well. Drilling at greater depth is not feasible because drilling methods available for the depth and lithology are not suitable for collecting samples. Furthermore, no receptors at this depth are located in the Site vicinity (See Section 4.0). Therefore, additional vertical characterization is not feasible or warranted.

The lateral extent of contamination has been defined in soil, as soil samples collected from the borings for downgradient, offsite wells A-6 and A-7 were not impacted above the groundwater table. The lateral extent of groundwater impact has not been defined, particularly to the west-northwest of the Site which is downgradient (currently a northwestern flow direction) from the source of contaminants.

Upon further research into offsite properties within the vicinity of the Site, a former Beacon Station previously located at 2810 Pinole Valley Road, immediately west of the Site, was identified on the State Water Resources Control Board's GeoTracker database as a closed case due to a historic gasoline release. Borings located at the former Beacon Station have been included in geologic cross sections of the Site and in Appendix B to assist in contaminant transport evaluation to the west (Drawing A-1 and A-2). The lithology reported in these borings is predominantly clay to approximately 28 ft bgs, with the addition of clayey sand interbeds observed at Beacon well MW-6.

No wells at the Site have been completed in the alluvium as the former Beacon wells were. Therefore, the data collected associated with the Beacon wells is not comparable to the Site wells since they are not screened in the same material. Therefore, the extent of petroleum impacts associated with the Site is not defined in the bedrock in the downgradient direction. Although the bedrock does not come in contact with the nearby creek, the extent of impacts in the bedrock is considered a data gap. Additionally, current groundwater data collected from within the alluvium is necessary to determine the potential impacts to the creek. In order to definitively determine that the adjacent creek is not threatened by the onsite petroleum plume, additional investigation is necessary.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The residual mass associated with the historical Site release has significantly declined over time. Removal of the USTs, the associated product piping and the excavation of the soil surrounding the tanks effectively eliminated the presumed hydrocarbon source. LNAPL recovery efforts at the Site appear to have significantly reduced the presence of LNAPL, which has not been observed in amounts substantial enough to warrant bailing since June 2012. Efforts to eliminate residual LNAPL from the three remaining

onsite wells using Soakase absorbent socks has recently been suspended and levels of LNAPL have subsequently not increased. Therefore, it appears that LNAPL at the Site has been removed to the extent practicable.

Existing utility piping and trenches, as shallow as two ft bgs on the property connecting to the main lines running within Pinole Valley Road at approximately three ft bgs and deeper, do not appear to be acting as preferential flow pathways for contaminated groundwater offsite based on actual depth to groundwater, not measured potentiometric surfaces.

Previous attempts to perform remedial activities and investigate feasible technologies, including aquifer testing for pump and treat, SVE and DPE, have proven to be ineffective due to the complexity of the hydrogeology at the Site; an unconformity consisting of predominantly clay and siltstone beds with discontinuous lenses of sandstone that has created localized areas of perched groundwater and artesian conditions. Therefore, monitored natural attenuation may be the most feasible option at the Site since groundwater is not documented for use as drinking water or any other beneficial use within a 2,000 ft radius of the Site and no water supply wells were identified within the Site vicinity.

The data presented in the CSM (Table 1), and in Section 6.0 above, indicates that the only remaining data gap at the Site appears to be the downgradient extent of petroleum hydrocarbons in groundwater in both bedrock and alluvium beneath the Site. As presented in the CSM, the alluvium presented beneath the Site appears to thicken further cross/downgradient and closer to the nearby creek. Former wells associated with a closed former Beacon Site indicate that groundwater in the overlying alluvium was not impacted when these wells were last sampled in 2006. Additionally, it appears that the creek bed is comprised of alluvium, so it is unlikely that the creek is threatened by potential migration of Site groundwater impacts originating from the underlying bedrock. However, due to the most recent downgradient groundwater data being from eight years prior, the absence of Site groundwater data in the overlying alluvium, and the fact that the Site petroleum plume in the bedrock is not laterally defined, additional investigation appears warranted.

It is recommended that additional investigation be carried out in the cross/downgradient shopping center parking lot that will include groundwater sampling of groundwater in alluvium and in bedrock. A work plan for downgradient assessment will be prepared and submitted to the RWQCB upon concurrence with this Report.

8.0 REFERENCES

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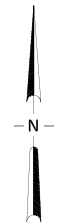
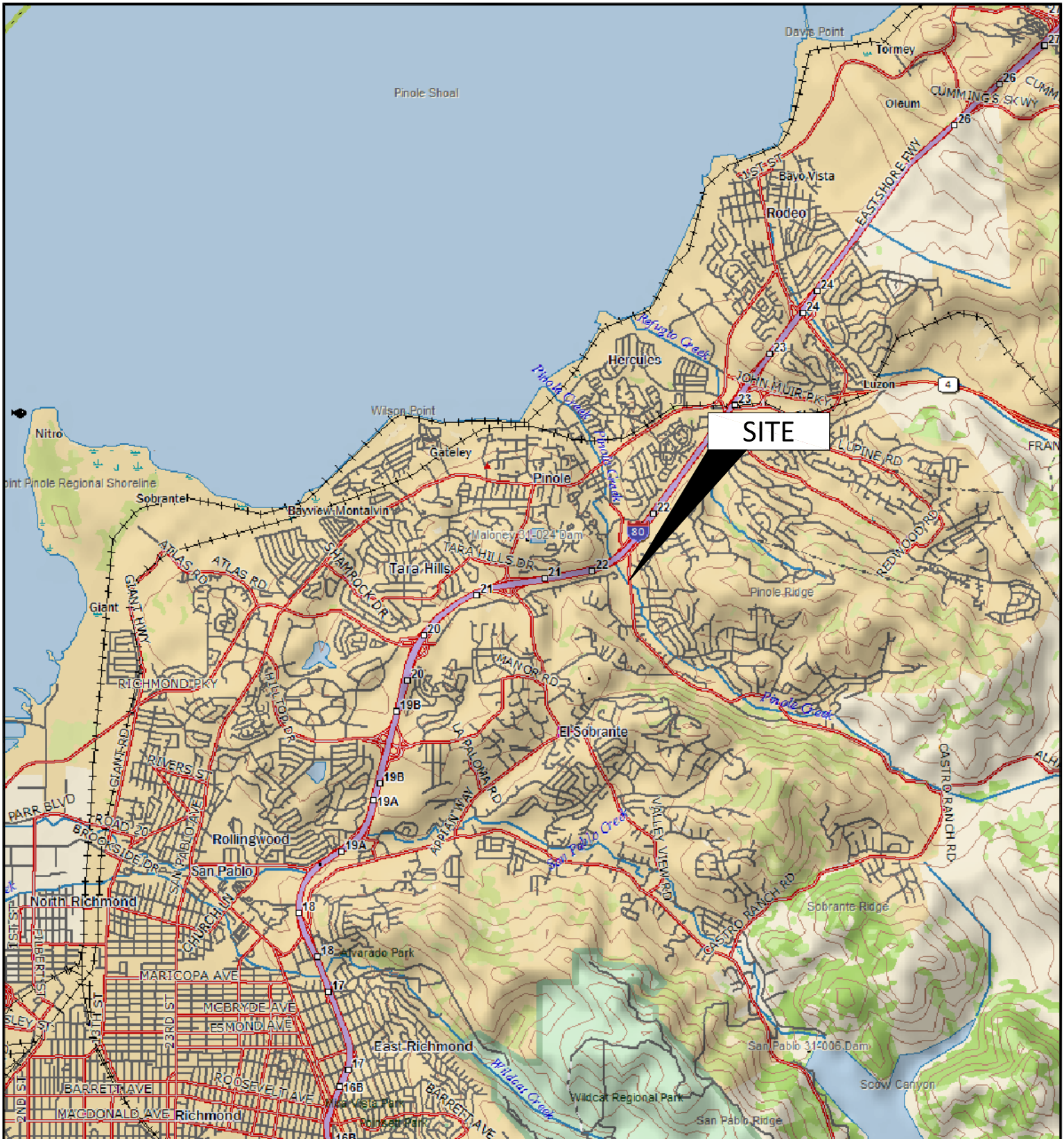
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DRAWINGS



APPROXIMATE SCALE (mi)

IMAGE SOURCE: DELORME

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ARCO Service Station #6228
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Site Location Map

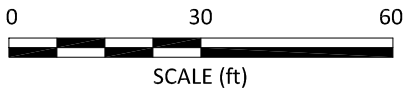
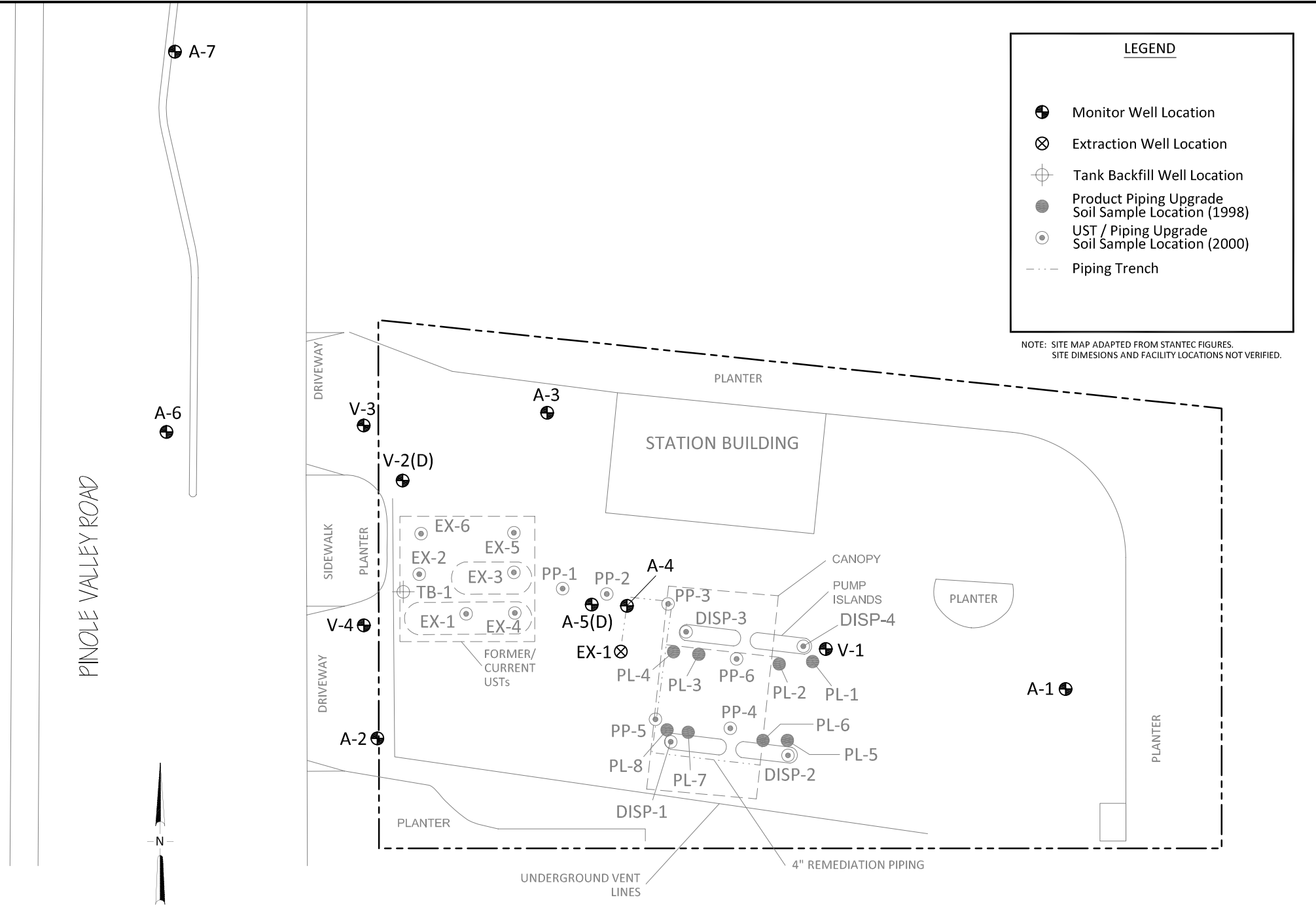
Drawing

1

LEGEND

- ⊕ Monitor Well Location
- ⊗ Extraction Well Location
- ⊕ Tank Backfill Well Location
- Product Piping Upgrade Soil Sample Location (1998)
- ⊙ UST / Piping Upgrade Soil Sample Location (2000)
- - - Piping Trench

NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



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ARCO Service Station #6228
2747 Pinole Valley Road
Pinole, California

Site Map with Boring, Well
and Sample Locations

Drawing

2

A-7
45.44
51
<0.50
<0.50

A-6
40.31
140
<0.50
2.8

V-3
47.81
NS
NS
NS

V-2(D)
49.26
NS
NS
NS

A-3
50.19*
270
<0.50
<0.50

A-5(D)
-4.97*
NS
NS
NS

A-4
50.15*
NS
NS
NS

V-1
51.26*
NS
NS
NS

V-4
50.66
NS
NS
NS

A-2
46.16
<50
<0.50
3.0

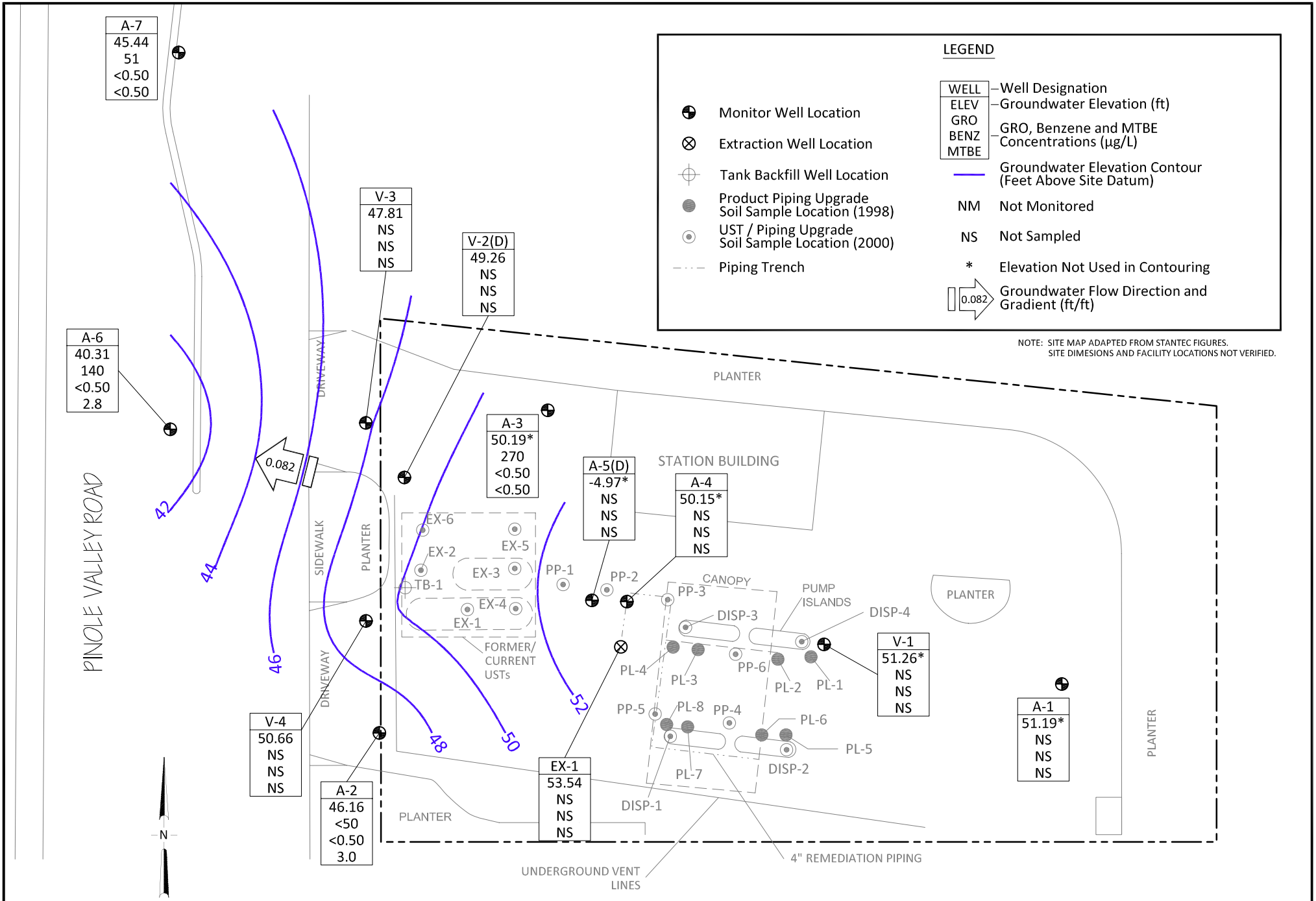
EX-1
53.54
NS
NS
NS

A-1
51.19*
NS
NS
NS

LEGEND

⊕	Monitor Well Location	WELL	Well Designation
⊗	Extraction Well Location	ELEV	Groundwater Elevation (ft)
⊕	Tank Backfill Well Location	GRO	GRO, Benzene and MTBE Concentrations (µg/L)
●	Product Piping Upgrade Soil Sample Location (1998)	BENZ	
⊙	UST / Piping Upgrade Soil Sample Location (2000)	MTBE	
---	Piping Trench		
—	Groundwater Elevation Contour (Feet Above Site Datum)	NM	Not Monitored
		NS	Not Sampled
		*	Elevation Not Used in Contouring
		0.082	Groundwater Flow Direction and Gradient (ft/ft)

NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

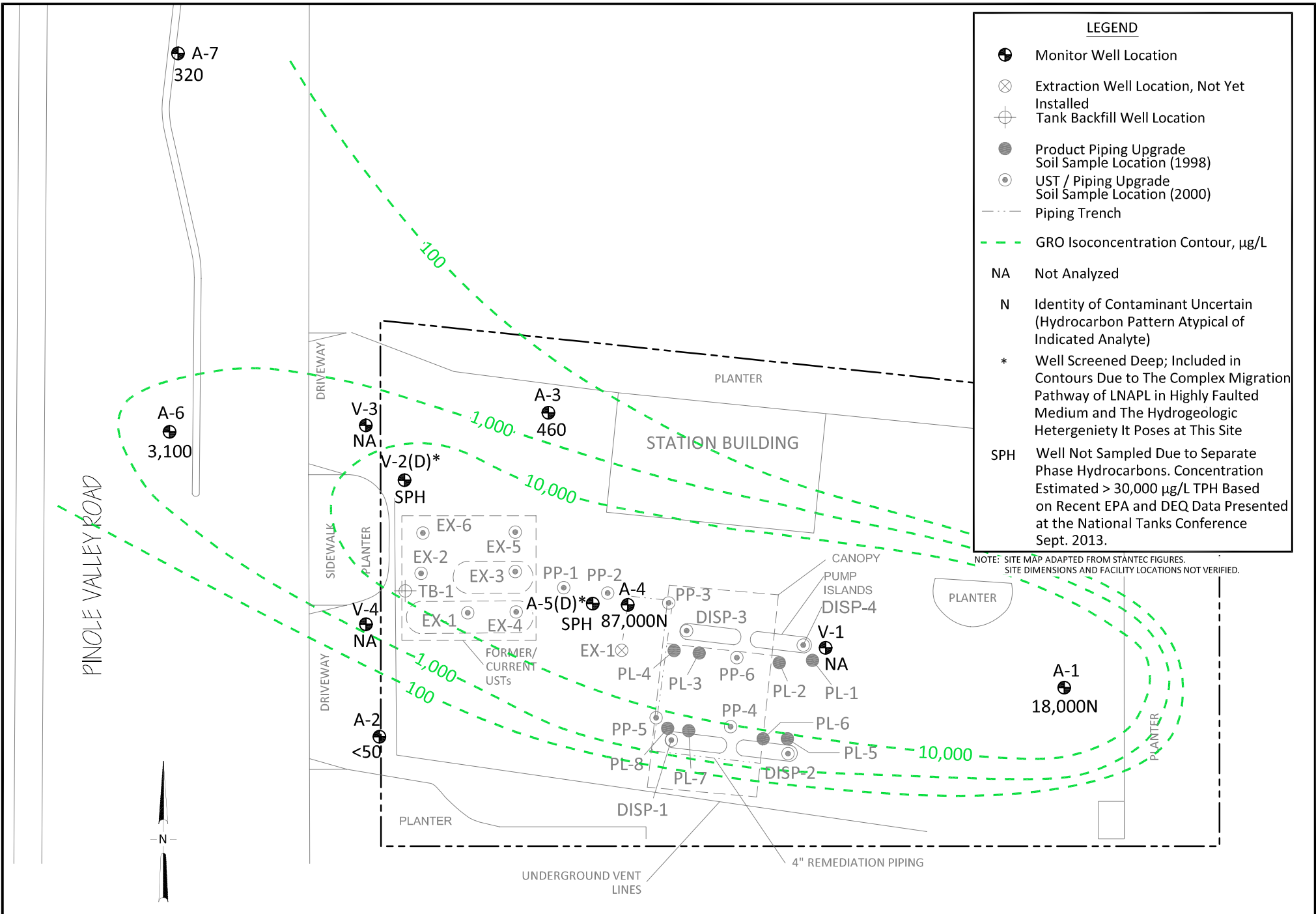


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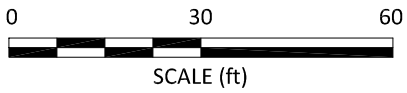
Groundwater Elevation Contour and Analytical Summary Map
 February 26, 2014

Drawing
2



LEGEND	
	Monitor Well Location
	Extraction Well Location, Not Yet Installed
	Tank Backfill Well Location
	Product Piping Upgrade Soil Sample Location (1998)
	UST / Piping Upgrade Soil Sample Location (2000)
	Piping Trench
	GRO Isoconcentration Contour, µg/L
NA	Not Analyzed
N	Identity of Contaminant Uncertain (Hydrocarbon Pattern Atypical of Indicated Analyte)
*	Well Screened Deep; Included in Contours Due to The Complex Migration Pathway of LNAPL in Highly Faulted Medium and The Hydrogeologic Heterogeneity It Poses at This Site
SPH	Well Not Sampled Due to Separate Phase Hydrocarbons. Concentration Estimated > 30,000 µg/L TPH Based on Recent EPA and DEQ Data Presented at the National Tanks Conference Sept. 2013.

NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



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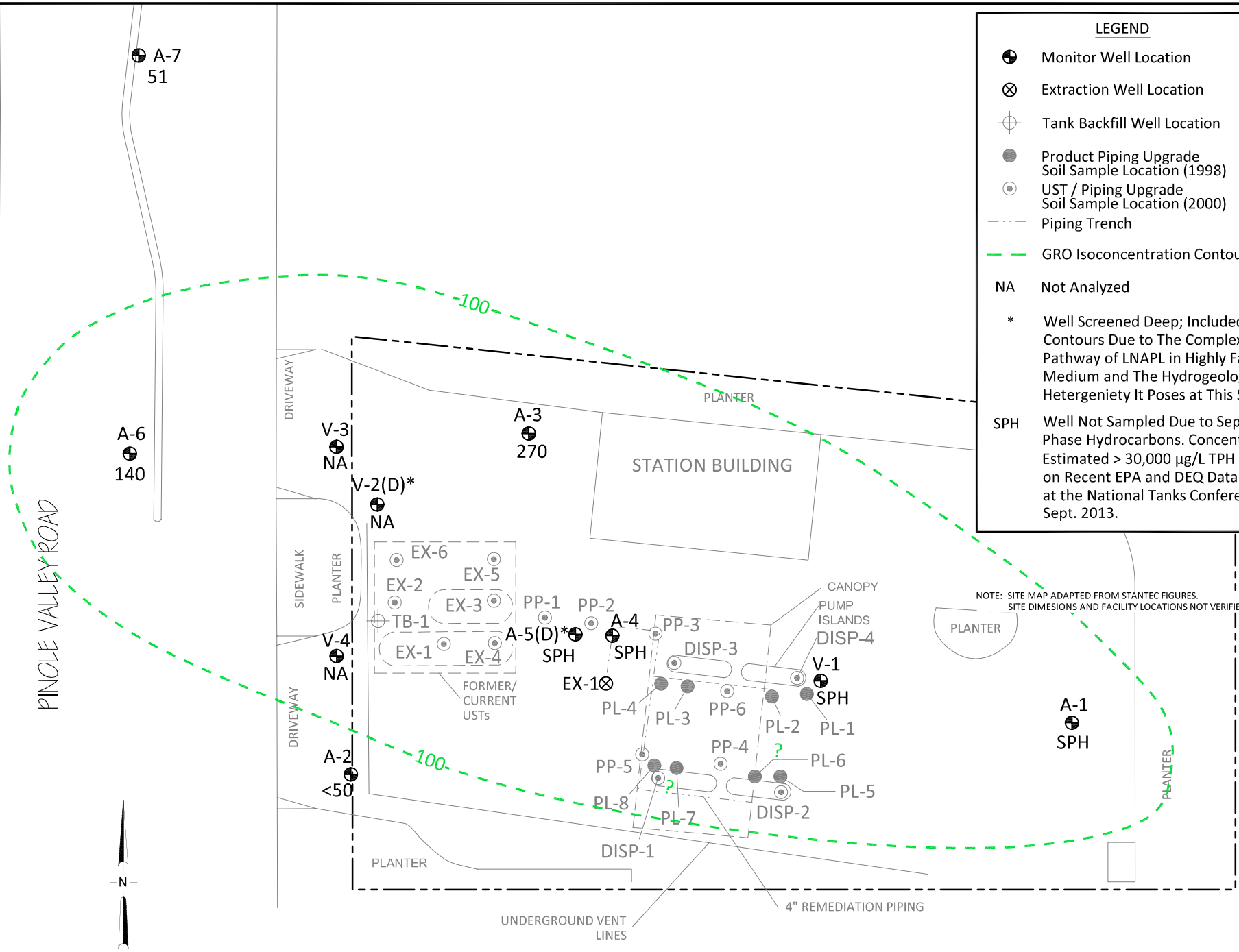
ARCO Service Station No. 6228
2747 Pinole Valley Road
Pinole, California

GRO Isoconcentration Contour Map
Third Quarter 2008

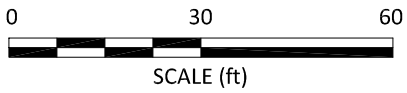
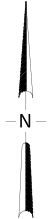
Drawing
4

LEGEND

- Monitor Well Location
- ⊗ Extraction Well Location
- ⊕ Tank Backfill Well Location
- Product Piping Upgrade Soil Sample Location (1998)
- ⊙ UST / Piping Upgrade Soil Sample Location (2000)
- Piping Trench
- - - GRO Isoconcentration Contour, µg/L
- NA Not Analyzed
- * Well Screened Deep; Included in Contours Due to The Complex Migration Pathway of LNAPL in Highly Faulted Medium and The Hydrogeologic Hetergenity It Poses at This Site
- SPH Well Not Sampled Due to Separate Phase Hydrocarbons. Concentration Estimated > 30,000 µg/L TPH Based on Recent EPA and DEQ Data Presented at the National Tanks Conference Sept. 2013.



NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



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ARCO Service Station No. 6228
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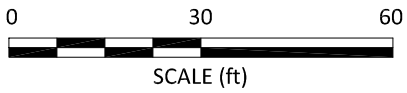
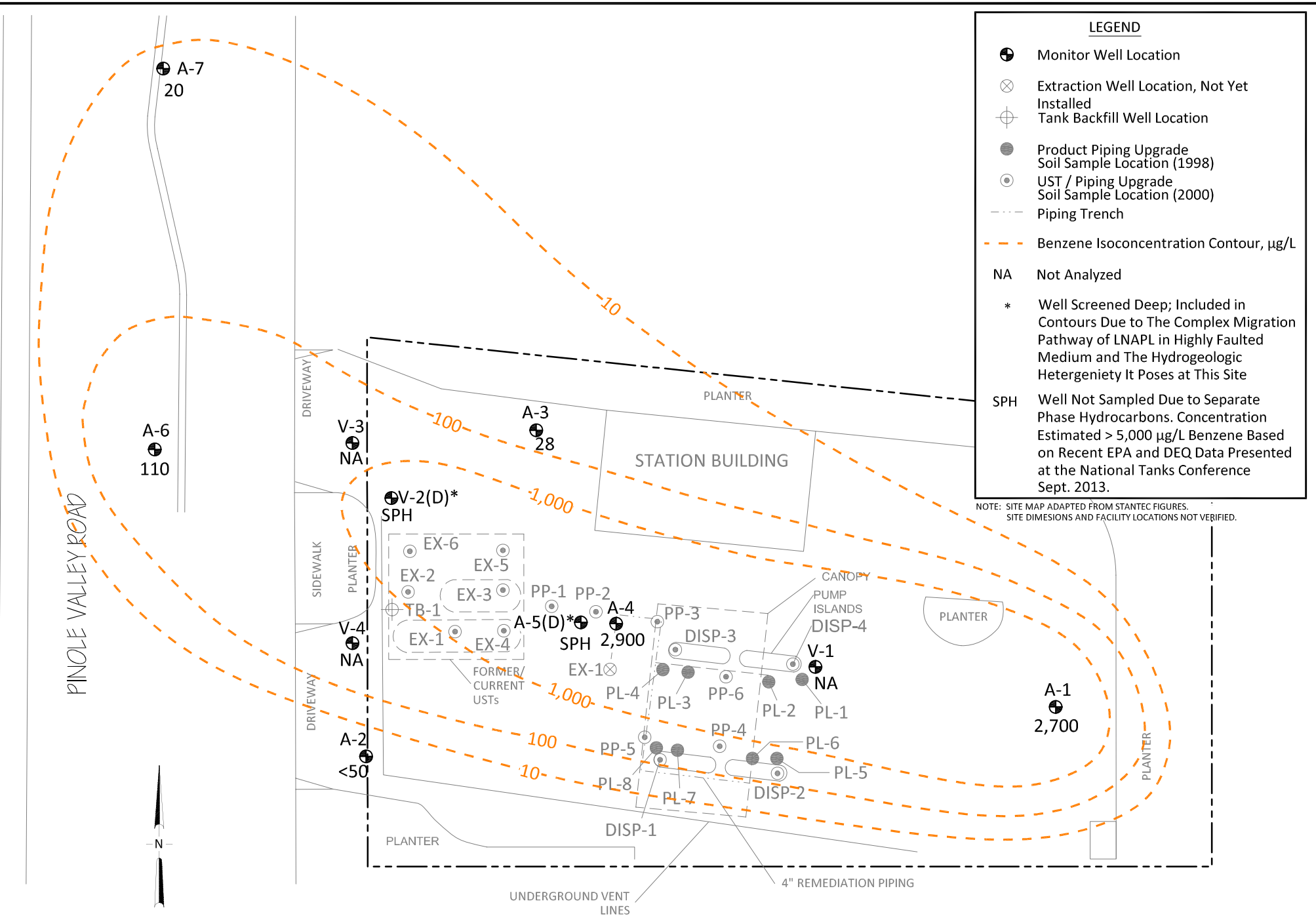
GRO Isoconcentration Contour Map
 First Quarter 2014

Drawing
5

LEGEND

- Monitor Well Location
- ⊗ Extraction Well Location, Not Yet Installed
- ⊕ Tank Backfill Well Location
- Product Piping Upgrade Soil Sample Location (1998)
- ⊙ UST / Piping Upgrade Soil Sample Location (2000)
- Piping Trench
- - - Benzene Isoconcentration Contour, $\mu\text{g/L}$
- NA Not Analyzed
- * Well Screened Deep; Included in Contours Due to The Complex Migration Pathway of LNAPL in Highly Faulted Medium and The Hydrogeologic Heterogeneity It Poses at This Site
- SPH Well Not Sampled Due to Separate Phase Hydrocarbons. Concentration Estimated $> 5,000 \mu\text{g/L}$ Benzene Based on Recent EPA and DEQ Data Presented at the National Tanks Conference Sept. 2013.

NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



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 Project No.: 09-88-709 Date: 9/18/2014

ARCO Service Station No. 6228
 2747 Pinole Valley Road
 Pinole, California

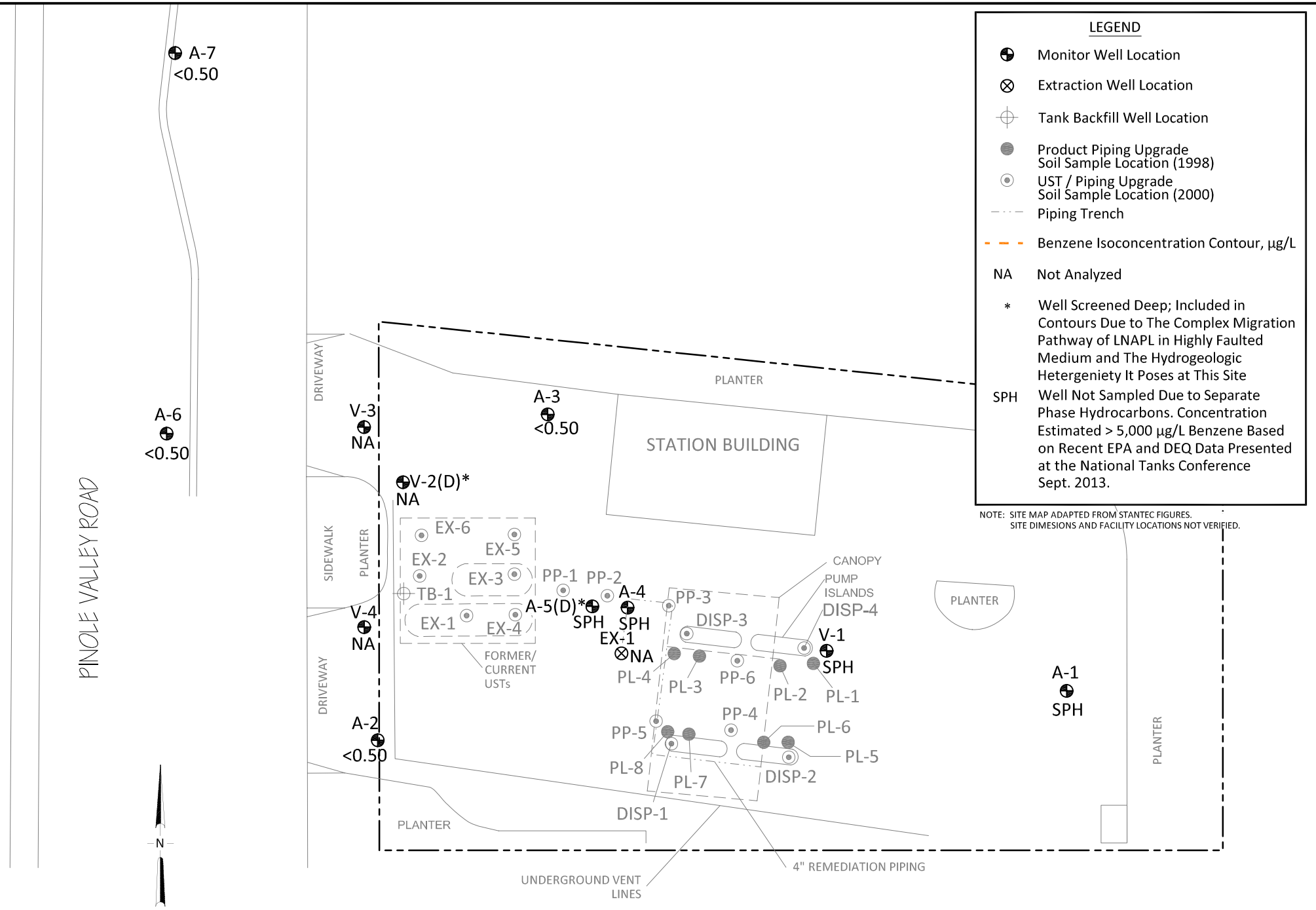
Benzene Isoconcentration
 Contour Map
 Third Quarter 2008

Drawing
6

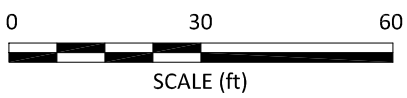
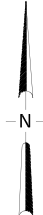
LEGEND

- Monitor Well Location
- ⊗ Extraction Well Location
- ⊕ Tank Backfill Well Location
- Product Piping Upgrade Soil Sample Location (1998)
- ⊙ UST / Piping Upgrade Soil Sample Location (2000)
- Piping Trench
- - - Benzene Isoconcentration Contour, µg/L
- NA Not Analyzed
- * Well Screened Deep; Included in Contours Due to The Complex Migration Pathway of LNAPL in Highly Faulted Medium and The Hydrogeologic Heterogeneity It Poses at This Site
- SPH Well Not Sampled Due to Separate Phase Hydrocarbons. Concentration Estimated > 5,000 µg/L Benzene Based on Recent EPA and DEQ Data Presented at the National Tanks Conference Sept. 2013.

NOTE: SITE MAP ADAPTED FROM STANTEC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



PINOLE VALLEY ROAD



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ARCO Service Station No. 6228
2747 Pinole Valley Road
Pinole, California

Benzene Isoconcentration
Contour Map
First Quarter 2014

Drawing
7

TABLES

TABLE 1

CONCEPTUAL SITE MODEL

Atlantic Richfield Company Station No. 6228
2474 Pinole Valley Road
Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Geology and Hydrogeology	Regional	<p>The Site lies in a transitional area between the low lying hills of the Pinole Ridge to the east and the flatter slopes of the Pinole Creek Valley to the west. The hills east of the Site are underlain by northeast dipping sedimentary beds composed of siltstone, mudstone, shale, and sandstone. The alluvial materials in the adjacent valley are composed of clay and silt, and fine grained deposits. The break in the slope at the base of the hills is identified as corresponding to the Pinole Fault.</p> <p>The Site is located near the contact between Quaternary surficial deposits to the west and the underlying Hambre sandstone (Th), a massive medium-grained sandstone extending eastward near the Site, according to the USGS geologic map of Pinole Creek watershed (Graymer et. al., 1994).</p> <p>The Site is located adjacent to the Pinole Fault. This fault had previously been considered a Potentially Active Fault, a fault which showed evidence of surface displacement during the last 1.6 million years, according to the California Geological Survey (CGS). However, recent studies have suggested the Pinole fault is active (evidence of surface displacement within the last 10,000 years), according to Clark Fenton's book entitled <i>Geomorphic Investigations of the Pinole Fault, Contra Costa County, California, and its Implications to Seismic Hazards to the Northeastern San Francisco Bay Region</i>, dated January 2000. The Pinole Fault is believed to be the southeastern extension of the Rodgers Creek Fault, north of the San Pablo Bay, and has a reoccurrence interval estimated at every 900 years. A maximum magnitude earthquake of 6.8 is associated with the Pinole Fault, as reported by the City of Pinole (City of Pinole, 2010). The USGS has mapped this fault as approximately located adjacent to the Site, following the general topography of Pinole Creek. Evidence of faulting and shearing has been noted in</p>	None	NA

TABLE 1

CONCEPTUAL SITE MODEL

Atlantic Richfield Company Station No. 6228
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Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Geology and Hydrogeology (continued)	Regional (continued)	the well logs generated by Pacific Environmental Group, Inc. (PEG) from a depth of 9 feet at A-3 to a depth of approximately 400 feet at A-5.		
	Site	<p>The lithology beneath the Site according to boring logs consists primarily of clay horizons, which vary in thickness from five to 18 feet across the Site, and increase in thickness towards the southwest corner of the Site. These fine-grained sediments overlay a westward sloping uneven erosional surface of sedimentary rocks, consisting of interbedded claystone and siltstone that extends to an explored depth of 412 feet below ground surface (ft bgs). Sandstone layers are noted in the central to eastern portions of the Site between the approximate depths of two and 17 ft bgs, and approximately 41 and 51 ft bgs, respectively. The rocks are characterized by extensive fracturing and shearing associated with the Pinole fault. Boring logs and geologic cross-sections for borings and wells associated with the Site are provided in Appendix B.</p> <p>The hydrogeology of the Site is complex with groundwater present within the interbedded sedimentary rock. Depth to first encountered groundwater and resulting potentiometric surfaces within the interbedded sedimentary rock varies considerably. Artesian conditions have existed in well A-1 located on the eastern portion of the Site, closest to the hillside. Based on first encountered groundwater when boreholes were installed and static groundwater after wells were constructed, deeper groundwater that is encountered in the bedrock appears to be semi-confined or confined. However, groundwater levels in the bedrock are inconsistent and have historically exhibited a large variation. The nature of the stratigraphy as fractured bedrock near a fault zone is likely the cause of the inconsistency and large variation. The degree and pattern of fracturing near each well screen interval is likely very different at each well location, causing</p>	None	NA

TABLE 1

CONCEPTUAL SITE MODEL

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Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Geology and Hydrogeology (continued)	Site (continued)	<p>groundwater elevations to exhibit a high degree of seasonal/year to year variation and lateral inconsistencies. Table 2 presents historic and current groundwater levels for Site wells.</p> <p>Groundwater appears to roughly correspond with coarser grained sandstone units but is also likely influenced by fracture patterns, shear zones, and other fault-induced pathways. The groundwater flow direction through the sedimentary rock and within similarly screened wells has varied over time. In the First Quarter 2014, the groundwater flowed towards the northwest. A groundwater elevation contour map which includes groundwater flow direction is provided as Drawing 3. This drawing excludes wells A-3, A-5, EX-1 and V-2. Wells A-5 and V-2 were excluded from contouring due to having much deeper screen intervals than the other wells associated the Site. Well A-3 exhibits anomalous depth to groundwater measurements as compared to other onsite wells. As noted above, this difference in depth to groundwater is likely due to the variable fracture patterns and degree in stratigraphy at the Site, largely related to the Site being located in an active fault zone. EX-1 was excluded due to its shallow construction. Historical groundwater elevations, analytical results and groundwater flow directions are reported in Tables 2 through 4.</p>		
Surface Water Bodies		The nearest surface water body appears to be Pinole Creek running in a south to north direction located approximately 400 ft southwest of the Site. Pinole Creek originates on Costa Peak on the west side of Briones Regional Park and empties into the San Pablo Bay and is indicative of a gaining stream near the Site based on the cross sectional stream profiles from the San Francisco Estuary Institute (SFEI) <i>Pinole Creek Watershed Sediment Source Assessment</i> (SFEI, 2005). The soil type	None	NA

TABLE 1**CONCEPTUAL SITE MODEL**

Atlantic Richfield Company Station No. 6228
 2474 Pinole Valley Road
 Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Surface Water Bodies (continued)		associated with the portion of Pinole Creek directly downgradient of the Site is clear lake clay, as reported by the City of Pinole (City of Pinole, 2010). The presence of a predominantly clay soil was confirmed during a field visit to Pinole Creek by Broadbent staff on April 8, 2014. The underlying geology of this segment of Pinole Creek is Quaternary surficial deposits (Qu) and the Site (upgradient of the creek) is located near the contact between the Quaternary deposits and the underlying Hambre sandstone (Th), a massive medium-grained sandstone, according to the USGS geologic map of Pinole Creek watershed (SFEI, 2005: Graymer et. al., 1994). Pinole Creek is depicted on a map provided in Appendix D.		
Nearby Wells		A Sensitive Receptor Survey was carried out in 2013 to identify the presence of water wells within a ½-mile radius of the Site. Based on a review of well completion reports furnished by the Department of Water Resources, no known drinking water or irrigation wells within ½-mile radius in the downgradient and crossgradient groundwater flow directions are present. The East Bay Municipal Utility District and the City of Pinole confirmed that they do not have water supply wells within the search radius.	None	No
Constituents of Concern	Light-Non Aqueous Phase Liquid (LNAPL)	LNAPL has historically been observed in each onsite well and LNAPL bailing has been conducted on various wells at the Site since 1996. LNAPL has recently been observed in wells A-1, A-4, A-5, and V-1. Monthly LNAPL bailing has previously been conducted at the Site through Fourth Quarter 2012, during which absorbent socks were installed within wells A-4 and A-5 to more efficiently mitigate the presence of LNAPL in these wells. An absorbent sock was also installed in well A-1 during Second Quarter 2013. Absorbent socks were removed after the First Quarter 2014 semiannual monitoring event to further evaluate the presence of LNAPL and recharge rates. Approximately 161.3 gallons of LNAPL/water mixture and	None	NA

TABLE 1**CONCEPTUAL SITE MODEL**

Atlantic Richfield Company Station No. 6228
 2474 Pinole Valley Road
 Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Constituents of Concern (continued)	Light-Non Aqueous Phase Liquid (LNAPL) (continued)	approximately 113 ounces of LNAPL have been previously removed from the Site since February 2008. Table 4 contains a summary of LNAPL removal. Currently, only LNAPL sheens are noted in select Site wells as noted above. Historically, LNAPL has been noted at the Site with thicknesses up to 6.50 feet (well A-5, Table 2). Current LNAPL observations indicate an overall decrease in LNAPL over time at the Site, and indicates that LNAPL has been removed to the extent practicable.		
	Gasoline Range Organics (GRO)	GRO have been detected in wells A-1 through A-7 and V-3 (one sampling event). Concentrations of GRO have ranged from 1,700,000 micrograms per liter ($\mu\text{g/L}$) in well A-5 (during one sampling event with LNAPL observed) to below laboratory reporting limits in wells A-2, A-6, A-7, and V-4. GRO have generally decreased or remained relatively stable over time in associated wells (Drawings 4 and 5). Figure 1 provides a graphical representation of GRO concentrations versus time for select wells. Overall, concentration trends for GRO are decreasing over time, indicating a shrinking plume.	None	NA
	Benzene	Benzene has been detected in wells A-1 through A-7 and V-3. Concentrations of benzene have ranged from 26,000 $\mu\text{g/L}$ in well A-5 (during one sampling event with LNAPL observed) to below laboratory reporting limits in wells A-1, A-2, A-3, A-6, A-7, and V-4. Overall benzene concentrations have generally decreased over time in wells associated with the Site (Drawings 6 and 7). Figure 2 provides a graphical representation of benzene concentrations versus time for select wells.	None	NA
	Diesel Range Organics (DRO)	Diesel was not believed to be dispensed during BP operations at the Site. However, historical information regarding station operations prior to 1992 was not obtained. Groundwater samples have been analyzed for DRO in addition to GRO as of 2003 and DRO was reported above the laboratory detection limit in three of the four wells sampled in the First Quarter 2014. Steps to investigate potential causes of	None	NA

TABLE 1

CONCEPTUAL SITE MODEL

Atlantic Richfield Company Station No. 6228
2474 Pinole Valley Road
Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Constituents of Concern (continued)	Diesel Range Organics (DRO) (continued)	<p>DRO concentrations reported at the Site included evaluation of laboratory gas chromatographs (GC) at each well sampled in First Quarter 2014 and a Silica Gel Cleanup (SGC) comparison under EPA method 8015B. These samples were analyzed both with and without SGC to eliminate all polar and aromatic molecules that are otherwise reported as DRO. DRO results for both pre- and post-silica gel cleanup are included in Table 2. Silica gel cleanup significantly decreased the DRO reported result below the ESL for all but two samples, and in some cases concentrations declined by nearly half. The fingerprinting analysis and comparison of the GCs at each well with the laboratory control sample (LCS) was performed by Alpha Analytical Inc. Laboratories of Sparks, Nevada (California NELAP #01154C, California ELAP #2019).</p> <p>From the comparison of the GCs from wells A-3 and A-6 with the LCS, it is likely that what was reported as DRO may be highly weathered gasoline. Highly weathered gasoline may elute in the carbon range of DRO (C12+). The lack of MTBE compounds detected in these samples also may indicate that the gasoline was produced before MTBE was added to gasoline (prior to the phase-out of leaded gasoline in the 1970's onward), further supporting the likelihood that at least a portion, if not all, of the DRO concentrations reported are highly weathered gasoline. In addition, evidence of the signature peaks associated with gasoline standards are present on the GCs from these well samples. The GC of the sample collected from well A-7 was fairly inconclusive due to a lack of peaks for comparison. As aromatics are part of both gasoline and diesel, elimination of these through the SGC process does not signify that the petroleum hydrocarbons are in fact from diesel. Rather, these aromatic compounds would theoretically be present at a higher ratio in highly weathered gasoline versus a more recent release of</p>		

TABLE 1**CONCEPTUAL SITE MODEL**

Atlantic Richfield Company Station No. 6228
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 Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Constituents of Concern (continued)	Diesel Range Organics (DRO) (continued)	diesel. The lack of record of diesel use or past release onsite favors highly weathered gasoline as an explanation for the current DRO concentrations. Therefore, DRO is not considered a constituent of concern.		
	Methyl tert-butyl ether (MTBE)	MTBE has been detected at relatively low concentrations in wells A-2, A-4, A-6, A-7 and V-3, with the exception of the detection in well A-2 mentioned below. Concentrations of MTBE have ranged from 18,000 µg/L in well A-2 (11/21/2000) to below laboratory reporting limits in wells A-1, A-2, A-3, A-4, A-6, A-7, and V-4. MTBE concentrations have generally decreased over time. MTBE has not been detected in wells A-1 and A-5. Figure 3 provides a graphical representation of MTBE concentrations versus time for select wells.	None	NA
Potential Sources	Onsite	<p>In 2000, Cambria observed the removal of product piping and three USTs at the Site. Inspection of the USTs did not reveal visible holes but a small interior patch was noted on the bottom center of the 8,000 gallon UST. The tank cavity was excavated to an approximate depth of 15 ft bgs during excavation activities. Approximately 1,318 tons of soil and 58,200 gallons of water were removed and disposed of during UST and product piping upgrade activities. Historic soil analytical data are provided in Appendix A.</p> <p>Remaining residual hydrocarbon impacted soil appears to be limited to the locations within the vicinity of the existing product piping runs and former gasoline USTs, namely in the western portion of the Site. Lateral soil impacts appear to be adequately defined, as the soil contamination observed within off-Site and downgradient borings for wells A-6 and A-7 was only present below historic groundwater elevations and likely influenced by hydrocarbon impacted</p>	None	NA

TABLE 1

CONCEPTUAL SITE MODEL

Atlantic Richfield Company Station No. 6228
2474 Pinole Valley Road
Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Potential Sources (continued)	Onsite (continued)	<p>groundwater and the noted large fluctuation in groundwater levels over time. The vertical extent of soil contamination appears to be present from approximately 2.5 ft bgs (product piping trenches) to approximately 412 ft bgs (well A-5 boring). Results from samples collected during installation of well A-5 reported total petroleum hydrocarbons as gasoline (TPHg; aka GRO) and BTEX at depths from approximately 21.5 ft bgs to approximately 412 ft bgs. The presence of noted deep soil impacts in well A-5 are not typical of the nature of petroleum impacts in a lithology more representative of an alluvial or unconsolidated depositional environment. However, the nature of the Site stratigraphy being fractured bedrock influenced by a nearby fault zone has created a condition that is not typical of a petroleum release at many Sites. Well A-5 is near the former source area (former USTs). At the time of the release, it is likely the petroleum travelled deep into the subsurface in the nearby fractures. The groundwater levels in well A-3 (also near the former source) indicate that groundwater in this area is much deeper than noted across the Site when compared to wells with similar screen intervals. It is possible that these consistently lower groundwater levels in this area represent a localized depression, and a potential area favorable for the downward migration of petroleum through fractures to greater depths. It is possible that this feature extends further to the south near well A-5, where the noted deeper petroleum impacts were observed.</p> <p>Additional investigations to further delineate the vertical extent of the plume beyond 412 ft bgs may introduce subsurface contaminants to greater depths through fracture zones. Therefore, although potential impact was observed to a total depth of 412 ft bgs, additional vertical investigation does not appear warranted or feasible based on current Site conditions, concentrations or the lack</p>		

TABLE 1**CONCEPTUAL SITE MODEL**

Atlantic Richfield Company Station No. 6228
 2474 Pinole Valley Road
 Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Potential Sources (continued)	Onsite (continued)	of sensitive receptors within the vicinity of the Site. As noted above, the nearby creek comes in contact with the alluvium near the Site, and impacts to the bedrock beneath are not considered a threat to this receptor. Historical soil analytical data are provided in Appendix A.		
	Offsite	<p>Several environmental cases are near the Site. According to the Geotracker database, two closed environmental cases (A Shell and a Chevron station) are located north of the Site along Pinole Valley Road. Additionally, a former Beacon station was located to the west of the Site in the adjacent shopping center parking lot. This former Beacon station is also associated with a closed environmental case. Additionally, an inactive case related to a former dry cleaner site is located in the shopping center parking lot.</p> <p>Due to the status of these cases being inactive or closed, it is unlikely that residual contaminants associated with these cases are present to a degree to cause residual offsite impacts to the Site. Additionally, these potential offsite sources are located downgradient or downgradient-crossgradient of the Site, making impacts from these potential offsite sources even less likely to migrate to or near the Site. Therefore, no offsite sources appear to be impacting the Site.</p>	None	NA
Nature and Extent of Environmental Impacts	Extent in Soil	Remaining residual hydrocarbon impacted soil appears to be limited to the locations within the vicinity of the existing product piping runs and former gasoline USTs, namely in the western portion of the Site. Lateral soil impacts appear to be adequately defined, as the soil contamination observed within offsite and downgradient borings for wells A-6 and A-7 was only present below historic groundwater elevations. The vertical extent of soil contamination appears to be	None	NA

TABLE 1**CONCEPTUAL SITE MODEL**

Atlantic Richfield Company Station No. 6228
 2474 Pinole Valley Road
 Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Nature and Extent of Environmental Impacts (continued)	Extent in Soil (continued)	present from approximately 2.5 ft bgs to approximately 412 ft bgs. Additional investigations to further delineate the vertical extent of the plume beyond 412 ft bgs may introduce subsurface contaminants to greater depths through fracture zones. Therefore, although potential impact was observed to a total depth of 412 ft bgs, additional vertical investigation does not appear warranted or feasible based on current Site conditions, concentrations or the lack of sensitive receptors within the vicinity of the Site. Historical soil analytical data are provided in Appendix A.		
	Extent in Shallow Groundwater	<p>Residual petroleum compounds in shallow groundwater appear to be largely present in wells A-1, A-4 and V-1, which have recently contained measurable LNAPL or LNAPL sheen. Concentrations of dissolved-phase petroleum compounds are present in downgradient wells A-3, A-6 and A-7 with GRO concentrations ranging from slightly above detection limits (well A-7) to 270 ug/L (well A-3). However, in the directly downgradient direction, well A-6 has consistently contained GRO, benzene, and MTBE concentrations above ESLs. Therefore, the downgradient extent of petroleum hydrocarbons in shallow groundwater is not defined.</p> <p>Wells discussed above represent first-encountered groundwater in the bedrock beneath the Site. However, water is also intermittently present in the alluvium above the bedrock units. This water-bearing unit likely represents a perched unit caused by seasonal surface water infiltration. However, due to the adjacent creek being connected to the alluvial unit, groundwater specific to alluvium should be evaluated.</p>	Downgradient Extent of Petroleum Compounds in Shallow Groundwater not Defined; Inadequate Assessment of Perched Water in Alluvium	Conduct Downgradient Groundwater Assessment
	Extent in Deeper Groundwater	As discussed previously, petroleum impacts in groundwater have been noted in deeper well A-5, completed with a screened interval of 203 to 263 feet bgs. These impacts have historically and currently included the presence of LNAPL (Table 2).	None	NA

TABLE 1**CONCEPTUAL SITE MODEL**

Atlantic Richfield Company Station No. 6228
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 Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Nature and Extent of Environmental Impacts (continued)	Extent in Deeper Groundwater (continued)	<p>Historic LNAPL bailing and use of absorbent socks in this well have reduced the presence of LNAPL in this well to the extent practical. Currently, only a product sheen is present, even after the removal of the absorbent socks for several months. Therefore, the product thickness is stable. The subsurface geology in this area is highly influenced by the fault at the Site. This fault zone likely caused a preferential pathway for vertical migration of petroleum through this more brecciated bedrock. Further surface influence from the leaking car wash (See Section 3.0) likely caused additional pressure causing further downward migration of petroleum through this fault zone. Since the time of the release the car wash has been removed and free product removal efforts have removed LNAPL to the extent practical in this well. Drilling at greater depth is not feasible because drilling methods available for the depth and lithology are not suitable for collecting samples. Furthermore, no receptors at this depth are located in the Site vicinity (See Section 4.0). Therefore, additional vertical characterization is not feasible or warranted.</p>		
	Extent in Soil Vapor	<p>The potential exposure pathway via soil vapor is inhalation. The Site is an active service station, and therefore, the State Water Board's Low Threat UST Case Closure policy considers that petroleum vapors from onsite fueling activities are a far greater risk than those associated with exposure to vapors from historic petroleum releases. Minimal concentrations of DRO, GRO and MTBE have recently been observed in offsite wells A-6 and A-7. However, based on the relatively low concentrations of GRO present and average depth to water observed in these two wells (A-6 ~ 26.29 ft bgs and A-7 ~ 20.46 ft bgs), offsite soil vapor intrusion to the northwest does not appear to be a concern at this time. Complete delineation of contamination plumes to the north and the east of the property has not been accomplished due to a lack of wells or investigation of soil and groundwater in these offsite areas. The most northerly well (A-3) and the most easterly well (A-1)</p>	None	NA

TABLE 1

CONCEPTUAL SITE MODEL

Atlantic Richfield Company Station No. 6228
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Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Nature and Extent of Environmental Impacts (continued)	Extent in Soil Vapor (continued)	<p>are presently above Water Quality Objectives (WQOs) for petroleum hydrocarbons.</p> <p>While groundwater flow has been primarily to the northwest for the past several quarters, the groundwater flow direction has been variable and has been reported to have northerly and easterly flows throughout the Site's history (Table 4). This may have also been influenced by the groundwater levels chosen to contour (due to the hydrogeologic heterogeneity caused by the fractured bedrock, some water levels may not be representative of static conditions in the siltstone aquifer) rather than actual flow direction. The residential property to the east and upgradient of the Site (2700 block of Estates Avenue) has a steep grade with an elevation offset of approximately 15 ft above the eastern boundary of the Site. This provides a significant vertical buffer zone to the east of the Site had the flow direction ever shifted to the east in the past. It is highly unlikely that groundwater would have impacted the area east of well A-1 at levels shallow enough to be a risk due to the topography change; therefore the residences on the 2700 block of Estates Avenue are not considered at risk for soil vapor intrusion. Well A-3 near the northern boundary of the Site, while above WQOs, may not be a good representation of static conditions at the Site due to the anomalous groundwater elevations observed in comparison with other Site wells. Currently, potential soil vapor intrusion risk to offsite adjacent properties at 2727 Pinole Valley Road (commercial property to north of Site) cannot be evaluated due to the lack of groundwater, soil and/or soil gas data in accordance with the LTCP for closure of this Site (Drawings 3 through 7).</p>		

TABLE 1

CONCEPTUAL SITE MODEL

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Pinole, California

CSM Element	CSM Sub-Element	Description	Data Gap	How to Address
Potential Receptors	Onsite	No onsite water supply wells or surface water bodies exists. The only potential onsite receptor would be onsite workers exposed to gasoline vapors. However, the exposure from current fueling operations represents a greater risk than any associated with potential groundwater or soil vapor exposure (CSWRCB, 2012).	None	NA
	Offsite	The nearest surface water body appears to be Pinole Creek running in a south to north direction located approximately 400 ft southwest of the Site. Pinole Creek originates on Costa Peak on the west side of Briones Regional Park and empties into the San Pablo Bay and is indicative of a gaining stream near the Site based on the cross sectional stream profiles from the San Francisco Estuary Institute (SFEI) <i>Pinole Creek Watershed Sediment Source Assessment</i> (SFEI, 2005). As noted above, the soil type present in the creek bed consists of alluvium, so the noted impacts present in groundwater encountered in Site bedrock are not a potential threat to this receptor. However, the extent of petroleum hydrocarbon impacts in the alluvium at and near the Site are not defined, so it is unclear whether or not this offsite receptor is potentially being impacted by petroleum hydrocarbons in groundwater beneath the Site. Based on the well survey conducted, no known drinking water wells within a ½-mile radius in the downgradient and crossgradient groundwater flow directions are present.	Downgradient Extent of Petroleum Compounds in Shallow Groundwater not Defined; Inadequate Assessment of Perched Water in Alluvium	Perform Additional Assessment

TABLE 1

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Notes:

ACEH = Alameda County Environmental Health

ARC = Atlantic Richfield Company

bgs = below ground surface

CSM = Conceptual Site Model

CSWRCB = California State Water Resources Control Board

ft = foot

ft/ft = foot per foot

GRO = Gasoline Range Organics

LNAPL = Light-Non Aqueous Phase Liquid

mg/kg = milligrams per kilogram

MTBE = Methyl tert-butyl Ether

NA = Not Applicable

No. = Number

ppm = Parts per billion

UST = Underground Storage Tank

µg/L = micrograms per liter

References:

City of Pinole, 2010. General Plan Update Draft Environmental Impact Report. SCH #2009022057. July 2010.

State Water Resources Control Board. 17 April 2012. *Low-Threat Underground Storage Tank Case Closure Policy*.

Graymer, R.W., Jones, D.L, and Brabb, E.E., 1994. Preliminary geologic map emphasizing bedrock formations in Contra Costa County, California: A digital database. U.S. Geological Survey Open-File Report 94-622.

San Francisco Estuary Institute (SFEI), Contra Costa Resource Conservation District, USDA Natural Resources Conservation Service. Pinole Creek Watershed Sediment Source Assessment. SFEI Contribution 316. San Francisco Estuary Institute Regional Watershed Program. January 2005. http://web.archive.org/web/20070710102814/www.sfei.org/watersheds/reports/Pinole_Creek/PinoleCreekFinal.pdf

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-1															
9/4/1998	--	53.02	6.64	Sheen	46.38	--	--	--	--	--	--	--	2.1	--	
12/18/1998	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		--	Sheen	--	--	--	--	--	--	--	--	1.4	--	
7/2/1999	--		20.24	0.02	32.80	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		15.08	Sheen	37.94	--	--	--	--	--	--	--	--	--	
1/3/2000	--		12.28	Sheen	40.74	--	--	--	--	--	--	--	0.9	--	
4/1/2000	--		0.02	Sheen	53.00	--	--	--	--	--	--	--	--	--	
6/22/2000	--		0.26	0.01	52.77	--	--	--	--	--	--	--	1.2	--	SPH
8/17/2000	--		0.05	0.01	52.98	--	--	--	--	--	--	--	0.3	--	SPH
11/21/2000	--		--	--	--	--	4,100	450	<10	100	<10	<50	0.4	--	
3/7/2001	--		--	--	--	--	15,000	1,400	<20	640	<20	<100	0.6	--	
5/1/2001	--		--	--	--	--	18,000	1,400	<25	590	32	<125	--	--	
8/14/2001	--		--	--	--	--	12,000	1,100	<10	600	20	<50	0.3	--	
10/9/2001	--		--	--	--	--	39,000	1,300	<10	710	35	<50	0.4	--	
1/18/2002	--	69.36	--	--	--	--	7,000	940	<50	440	<50	<250	0.4	--	
4/5/2002	--		--	--	--	--	8,300	1,200	<12	620	<12	<62	0.6	--	
8/8/2002	--		4.49	0.00	64.87	--	18,000 N	2,700	<50	1,500	240	<250	6.2	--	
10/31/2002	--		28.89	0.00	40.47	--	16,000	2,500	<100	1,600	250	<500	2.0	--	
2/18/2003	--		0.05	0.00	69.31	--	54,000	1,000	150	3,600	5,400	<50	3.6	--	
5/22/2003	--		--	--	--	--	24,000	2,300	59	1,700	480	<25	1.2	--	Artesian well, water at TOC
8/7/2003	--		26.79	0.00	42.57	--	26,000	2,000	29	1,600	600	<25	9.2	--	
11/24/2003	--		30.73	0.00	38.63	59,000	35,000	2,100	<25	1,400	230	<25	3.4	--	
2/3/2004	--		37.12	Sheen	32.24	180,000	24,000	2,600	<50	1,600	1,100	<50	3.6	--	
5/6/2004	--	57.49	--	Sheen	--	82,000	72,000	1,900	<250	3,200	2,400	<250	0.2	--	Resurveyed 3/11/04
7/30/2004	--		39.30	0.05	18.23	86,000	64,000	640	<250	900	4,500	<250	--	--	SPH
11/11/2004	--		--	--	--	380,000	83,000	2,200	<250	2,500	1,900	<250	0.9	--	
2/21/2005	--		--	Sheen	--	110,000	27,000	2,200	<50	1,500	370	<50	1.2	--	
6/2/2005	--		27.24	Sheen	30.25	19,000 N	29,000	2,400	<100	1,600	790	<100	1.4	--	
8/4/2005	--		37.97	Sheen	19.52	63,000 N	45,000	2,600	150	1,400	2,100	<50	1.8	--	
11/23/2005	--		--	Sheen	--	--	25,000	890	170	840	2,700	<25	1.0	--	Artesian well, water at TOC

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-1 Cont.															
12/2/2005	--	57.49	--	--	--	77,000 N	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/13/2006	--		--	Sheen	--	44,000 N	34,000	740	240	840	3,500	<50	1.8	--	
5/16/2006	--		--	--	--	--	19,000	1,600	<25	1,200	600	<25	1.6	--	
9/5/2006	--		30.21	0.00	27.28	280,000	20,000	1,200	170	810	2,300	<25	1.1	--	
12/6/2006	--		0.05	0.00	57.44	72,000	18,000	500	180	470	2,700	<25	7.3	--	
2/26/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
5/29/2007	--		2.59	0.01	54.91	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		4.69	0.00	52.80	140,000 N	30,000	92	<5.0	91	110	<5.0	0.7	--	
11/29/2007	--		30.65	0.04	26.87	--	--	--	--	--	--	--	--	--	SPH
3/28/2008	--		24.05	0.00	33.44	10,000 N	41,000	<50	<50	<50	110	<50	1.3	--	
6/19/2008	--		35.14	0.39	22.64	--	--	--	--	--	--	--	--	--	SPH
9/18/2008	--		30.71	0.04	26.81	--	--	--	--	--	--	--	--	--	SPH
12/4/2008	--		27.10	0.00	30.39	67,000 N	1,300 N	<50	<50	110	1,800	<50	1.7	--	
3/2/2009	--		30.95	0.00	26.54	53,000	250,000	59	76	430	5,100	<50	1.2	--	
6/2/2009	--		28.40	0.00	29.09	23,000	28,000	22	27	150	2,000	<20	1.3	--	
9/11/2009	--		26.30	0.00	31.19	35,000 N	31,000	15	16	76	1,200	<10	1.2	--	
3/26/2010	P		23.92	0.00	33.57	26,000	24,000	9.9	9.1	52	330	<2.5	0.63	6.79	LX (DRO)
9/28/2010	P		4.13	Sheen	53.36	10,000	19,000	8.3	<5.0	6.4	<5.0	<5.0	0.43	6.52	DF, LW, LX
2/16/2011	--		10.56	0.01	46.94	--	--	--	--	--	--	--	--	--	b, SPH
8/2/2011	--		9.60	Sheen	47.89	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	SPH
8/29/2012	--		9.81	0.02	47.70	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		8.08	Sheen	49.41	--	--	--	--	--	--	--	--	--	
8/29/2013	--		8.16	Sheen	49.33	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		6.30	Sheen	51.19	--	--	--	--	--	--	--	--	--	SPH
A-2															
9/4/1998	--	50.27	5.10	Sheen	45.17	--	--	--	--	--	--	--	1.9	--	
12/18/1998	--		3.34	0.10	47.01	--	--	--	--	--	--	--	--	--	SPH
3/18/1999	--		3.18	Sheen	47.09	--	--	--	--	--	--	--	2.3	--	SPH
7/2/1999	--		6.30	0.01	43.98	--	--	--	--	--	--	--	--	--	SPH

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-2 Cont.															
9/28/1999	--	50.27	5.63	Sheen	44.64	--	--	--	--	--	--	--	--	--	
1/3/2000	--		6.51	Sheen	43.76	--	--	--	--	--	--	--	1.3	--	
4/1/2000	--		3.81	Sheen	46.46	--	--	--	--	--	--	--	--	--	
6/22/2000	--		3.93	0.01	46.35	--	--	--	--	--	--	--	2.1	--	SPH
8/17/2000	--		2.40	0.01	47.88	--	--	--	--	--	--	--	0.3	--	SPH
11/21/2000	--		1.57	0.00	48.70	--	540,000	2,500	26,000	7,900	16,000	18,000	0.6	--	
11/21/2000	--		1.57	0.00	48.70	--	750,000	2,000	19,000	5,300	34,000	14,000	--	--	DUP
3/7/2001	--		1.03	0.00	49.24	--	<50	<0.50	<0.50	<0.50	0.61	5.8	0.4	--	
3/7/2001	--		1.03	0.00	49.24	--	<50	<0.50	<0.50	<0.50	<0.50	5.2	--	--	DUP
5/1/2001	--		1.90	0.00	48.37	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
8/14/2001	--		1.94	0.00	48.33	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.5	--	
8/14/2001	--		1.94	0.00	48.33	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	DUP
10/9/2001	--		1.99	0.00	48.28	--	<50	<0.50	<0.50	<0.50	0.88	<2.5	0.5	--	
10/9/2001	--		1.99	0.00	48.28	--	<50	<0.50	<0.50	<0.50	0.77	<2.5	--	--	DUP
1/18/2002	--	66.58	1.01	0.00	65.57	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.5	--	
1/18/2002	--		1.01	0.00	65.57	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	DUP
4/5/2002	--		1.19	0.00	65.39	--	<50	<0.50	<0.50	<0.50	<0.50	3.9	0.4	--	
4/5/2002	--		1.19	0.00	65.39	--	<50	<0.50	<0.50	<0.50	<0.50	7.0	--	--	DUP
8/8/2002	--		4.14	0.00	62.44	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.7	--	
10/31/2002	--		6.50	0.00	60.08	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2	--	
2/18/2003	--		2.45	0.00	64.13	--	<50	<0.50	<0.50	<0.50	0.83	<0.50	2.6	--	Past hold time
5/22/2003	--		4.60	0.00	61.98	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	--	
8/7/2003	--		5.56	0.00	61.02	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.0	--	
11/24/2003	--		2.98	0.00	63.60	270	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.6	--	
2/3/2004	--		--	--	--	640	360	1.7	7.6	9.2	47	<0.50	3.1	--	
5/6/2004	--	54.74	2.33	0.00	52.41	160	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	--	Resurveyed 3/11/04
8/6/2004	--		5.70	0.00	49.04	260	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
11/11/2004	--		4.10	0.00	50.64	39,000	59	<0.50	<0.50	<0.50	2.2	<0.50	0.8	--	
2/21/2005	--		10.18	0.00	44.56	150	<50	0.50	<0.50	<0.50	<0.50	<0.50	3.6	--	
6/2/2005	--		11.18	0.00	43.56	66 N	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-2 Cont.															
8/4/2005	--	54.74	5.75	0.00	48.99	96 N	61	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	--	
11/23/2005	--		7.78	0.00	46.96	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	--	
12/2/2005	--		10.61	0.00	44.13	80 N	--	--	--	--	--	--	--	--	
2/13/2006	--		2.80	0.00	51.94	950 N	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
5/16/2006	--		2.42	0.00	52.32	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
9/5/2006	--		5.80	0.00	48.94	210	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	--	
12/6/2006	--		6.02	0.00	48.72	880	<50	<0.50	<0.50	<0.50	1.4	<0.50	7.0	--	
2/26/2007	--		7.31	0.00	47.43	<47	77	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	--	
5/29/2007	--		7.21	0.00	47.53	<48	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.0	--	
8/22/2007	--		6.85	0.00	47.89	920 N	<50	<0.50	<0.50	<0.50	0.64	<0.50	1.7	--	
11/29/2007	--		5.61	0.00	49.13	58 N	<50	<0.50	<0.50	<0.50	0.68	<0.50	2.0	--	
3/28/2008	--		3.11	0.00	51.63	<50	300	<0.50	<0.50	<0.50	<0.50	0.85	1.4	--	
6/19/2008	--		6.70	0.00	48.04	<50	<50	<0.50	<0.50	<0.50	<0.50	0.74	1.4	--	
9/18/2008	--		7.47	0.00	47.27	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	1.3	--	
12/4/2008	--		6.69	0.00	48.05	<50	<50	<0.50	<0.50	<0.50	<0.50	0.68	1.3	--	
3/2/2009	--		3.25	0.00	51.49	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	1.2	--	
6/2/2009	--		4.60	0.00	50.14	<50	78	<0.50	<0.50	<0.50	<0.50	1.3	1.3	--	
9/11/2009	--		6.85	0.00	47.89	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	1.2	--	
3/26/2010	P		5.61	0.00	49.13	<50	<50	<0.50	<0.50	<0.50	<0.50	1.5	1.21	6.84	
9/28/2010	P		7.82	0.00	46.92	57	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.37	6.47	
2/16/2011	P		5.33	0.00	49.41	140	<50	<0.50	<0.50	<0.50	<0.50	2.0	0.75	7.80	LX
8/2/2011	P		3.25	0.00	51.49	<50	<50	<0.50	<0.50	<0.50	<0.50	3.1	0.44	7.0	
2/9/2012	P		6.09	0.00	48.65	<50	<50	<0.50	<0.50	<0.50	<0.50	2.5	0.60	6.7	
8/29/2012	P		6.31	0.00	48.43	110	<50	<0.50	<0.50	<0.50	<1.0	2.8	1.23	7.23	
3/25/2013	P		3.61	0.00	51.13	58	<50	<0.50	<0.50	<0.50	<1.0	2.4	1.28	7.43	
8/29/2013	P		6.54	0.00	48.20	53	<50	<0.50	<0.50	<0.50	<1.0	2.8	3.96	7.10	
2/26/2014	P		8.58	0.00	46.16	<55/<55	<50	<0.50	<0.50	<0.50	<1.0	3.0	1.41	6.91	f
A-3															
9/4/1998	--	51.44	28.28	Sheen	23.16	--	--	--	--	--	--	--	2.4	--	
12/18/1998	--		27.70	Sheen	23.74	--	--	--	--	--	--	--	--	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
3/18/1999	--	51.44	35.64	Sheen	15.80	--	--	--	--	--	--	--	1.5	--	
7/2/1999	--		33.32	0.01	18.13	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		32.75	Sheen	18.69	--	--	--	--	--	--	--	--	--	
1/3/2000	--		31.38	Sheen	20.06	--	--	--	--	--	--	--	1.2	--	
4/1/2000	--		32.92	Sheen	18.52	--	--	--	--	--	--	--	--	--	
6/22/2000	--		32.20	0.00	19.24	--	7,800	2,000	<50	390	390	<250	1.3	--	NP
8/17/2000	--		31.58	0.09	19.93	--	--	--	--	--	--	--	0.7	--	SPH
11/21/2000	--		29.19	0.09	22.32	--	--	--	--	--	--	--	0.6	--	SPH
3/7/2001	--		28.07	0.16	23.49	--	--	--	--	--	--	--	0.5	--	SPH
5/1/2001	--		12.70	0.19	38.88	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		12.78	0.35	38.92	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		12.75	0.46	39.04	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	67.76	11.95	0.85	56.45	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		12.13	1.15	56.49	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		8.36	0.00	59.40	--	460	28	1.4	19	3.4	6.5	3.8	--	
10/31/2002	--		39.45	0.00	28.31	--	770	36	3.8	33	12	13	2.0	--	
2/18/2003	--		45.32	0.00	22.44	--	830	10	0.70	11	9.0	<0.50	2.2	--	
5/22/2003	--		50.41	0.00	17.35	--	400	<0.50	<0.50	3.0	1.7	<0.50	1.1	--	Past hold time
8/7/2003	--		49.71	0.00	18.05	--	690	10	<0.50	13	39	<0.50	1.2	--	
11/24/2003	--		50.58	0.00	17.18	4,500	710	3.4	0.76	6.3	9.0	<0.50	1.6	--	
2/3/2004	--		48.20	Sheen	19.56	5,600	1,000	7.5	20	18	64	<0.50	1.9	--	
5/6/2004	--	55.92	51.51	Sheen	4.41	2,000	750	0.51	<0.50	2.4	13	<0.50	0.2	--	Resurveyed 3/11/04
8/6/2004	--		54.30	0.00	1.62	--	--	--	--	--	--	--	--	--	Dry
11/11/2004	--		51.80	0.02	4.14	--	--	--	--	--	--	--	--	--	SPH
2/21/2005	--		49.97	0.00	5.95	4,500	650	0.88	0.54	3.4	7.1	<0.50	1.3	--	
6/2/2005	--		50.50	0.00	5.42	--	360	0.96	<0.50	1.3	3.4	<0.50	3.1	--	Very little water
8/4/2005	--		52.13	0.00	3.79	1,500 N	340	<0.50	<0.50	1.4	16	<0.50	--	--	
11/23/2005	--		51.78	0.00	4.14	--	700	<0.50	<0.50	1.2	5.4	<0.50	1.4	--	
12/2/2005	--		52.55	0.00	3.37	1,400 N	--	--	--	--	--	--	--	--	
2/13/2006	--		51.90	0.00	4.02	1,100 N	730	<0.50	<0.50	1.1	3.8	<0.50	1.4	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
5/16/2006	--	55.92	49.56	0.00	6.36	--	1,000	1.2	11	3.4	31	<0.50	1.3	--	
9/5/2006	--		51.67	0.00	4.25	--	600	0.82	<0.50	0.78	2.0	<0.50	1.2	--	
10/31/2006	--		53.62	0.01	2.31	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		53.50	0.00	2.42	--	--	--	--	--	--	--	--	--	NS
12/6/2006	--		53.24	0.00	2.68	710	530	<0.50	<0.50	<0.50	2.2	<0.50	--	--	
1/30/2007	--		53.46	0.01	2.47	--	--	--	--	--	--	--	--	--	SPH
2/26/2007	--		53.17	0.00	2.75	740	500	1.1	<0.50	<0.50	1.4	<0.50	--	--	
4/20/2007	--		53.31	0.00	2.61	--	--	--	--	--	--	--	--	--	NS
5/29/2007	--		52.88	0.00	3.04	560 N	520	2.5	<0.50	1.4	2.1	<0.50	2.1	--	
6/29/2007	--		53.66	0.00	2.26	--	--	--	--	--	--	--	--	--	
7/20/2007	--		53.41	0.01	2.52	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		53.08	0.00	2.84	--	460	1.1	<0.50	0.61	2.2	<0.50	0.8	--	NP, Insufficient water
9/19/2007	--		53.32	0.00	2.60	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		53.00	0.00	2.92	--	--	--	--	--	--	--	--	--	
11/29/2007	--		52.57	0.00	3.35	--	560	4.2	<0.50	1.8	6.4	<0.50	1.9	--	
2/15/2008	--		52.98	0.00	2.94	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		52.85	0.00	3.07	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		52.58	0.00	3.34	880 N	770	1.8	<0.50	0.52	3.0	<0.50	--	--	
4/16/2008	--		53.94	0.00	1.98	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		53.54	0.00	2.38	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		53.24	0.00	2.68	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		53.23	0.00	2.69	1,600	680	<2.5	<2.5	<2.5	3.0	<2.5	1.8	--	
7/16/2008	--		53.92	0.00	2.00	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		53.45	0.00	2.47	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		53.28	Sheen	2.64	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		53.28	0.00	2.64	1,700 N	530	<1.0	<1.0	<1.0	5.6	<1.0	1.6	--	
10/14/2008	--		53.80	0.00	2.12	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		53.40	0.00	2.52	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		53.28	0.00	2.64	1,500 N	700	<2.5	<2.5	<2.5	<2.5	<2.5	1.6	--	
1/14/2009	--		53.34	0.00	2.58	--	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-3 Cont.															
2/4/2009	--	55.92	53.10	0.00	2.82	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		52.76	0.00	3.16	460	510	<2.5	<2.5	<2.5	<2.5	<2.5	1.5	--	
3/3/2009	--		53.55	0.00	2.37	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		53.15	0.00	2.77	490	680	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	NSP
5/29/2009	--		52.59	0.00	3.33	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		52.51	0.00	3.41	490	680	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	--	
6/12/2009	--		53.84	0.00	2.08	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		53.30	0.00	2.62	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		52.82	0.00	3.10	1,000	560	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	--	
3/26/2010	P		51.56	0.00	4.36	1,700	770	<1.0	<1.0	<1.0	<1.0	<1.0	1.93	7.14	LX (DRO)
9/28/2010	NP		51.48	0.00	4.44	2,000	920	<1.0	<1.0	<1.0	1.4	<1.0	--	7.10	LW, LX
2/16/2011	P		50.92	0.00	5.00	2,500	990	<1.0	4.4	2.3	35	<1.0	0.93	--	LX, LW, PD
8/2/2011	P		50.90	0.00	5.02	1,100	530	<1.0	<1.0	<1.0	<1.0	<1.0	1.49	7.3	LX, LW
2/9/2012	P		52.18	0.00	3.74	990	240	<1.0	<1.0	<1.0	<1.0	<1.0	0.41	7.4	LX, LW
8/29/2012	P		51.03	0.00	4.89	1,300	430	<0.50	<0.50	<0.50	<1.0	<0.50	1.48	7.78	
3/25/2013	NP		51.49	0.00	4.43	1,500	340	<0.50	<0.50	<0.50	<1.0	<0.50	2.49	7.78	
8/29/2013	NP		50.71	0.00	5.21	1,100	270	<0.50	<0.50	<0.50	<1.0	<0.50	6.52	7.87	e
2/26/2014	P		50.19	0.00	5.73	920/450	270	<0.50	<0.50	<0.50	<1.0	<0.50	1.29	7.08	f
A-4															
9/4/1998	--	51.54	7.62	Sheen	43.92	--	--	--	--	--	--	--	2.0	--	
12/18/1998	--		1.46	Sheen	50.08	--	--	--	--	--	--	--	--	--	
3/18/1999	--		19.35	Sheen	32.19	--	--	--	--	--	--	--	1.6	--	
7/2/1999	--		9.13	0.18	42.55	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		14.98	Sheen	36.56	--	--	--	--	--	--	--	--	--	
1/3/2000	--		3.09	Sheen	48.45	--	--	--	--	--	--	--	0.8	--	
4/1/2000	--		2.56	Sheen	48.98	--	--	--	--	--	--	--	--	--	
6/22/2000	--		1.95	0.01	49.60	--	--	--	--	--	--	--	0.6	--	SPH
8/17/2000	--		4.74	0.05	46.84	--	--	--	--	--	--	--	0.6	--	SPH
11/21/2000	--		2.93	0.08	48.67	--	--	--	--	--	--	--	0.7	--	SPH
3/7/2001	--		1.87	0.18	49.81	--	--	--	--	--	--	--	0.5	--	SPH

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
5/1/2001	--	51.54	1.50	0.08	50.10	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		1.63	0.14	50.02	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		1.69	0.45	50.19	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	67.83	1.75	0.61	66.54	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		1.53	0.28	66.51	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		2.73	0.00	65.10	--	87,000 N	2,900	370	2,500	13,000	<500	3.6	--	
10/31/2002	--		4.59	0.19	63.38	--	--	--	--	--	--	--	--	--	SPH
2/18/2003	--		4.19	0.00	63.64	--	69,000	2,700	<250	1,800	2,500	390	2.9	--	Past hold time
5/22/2003	--		5.59	0.06	62.29	--	--	--	--	--	--	--	--	--	SPH
8/7/2003	--		6.00	0.02	61.85	--	--	--	--	--	--	--	--	--	SPH
11/24/2003	--		1.40	0.02	66.45	--	--	--	--	--	--	--	--	--	SPH
2/3/2004	--		3.47	Sheen	64.36	--	--	--	--	--	--	--	--	--	
5/6/2004	--	56.23	--	Sheen	--	410,000	75,000	2,200	1,200	2,500	10,000	<250	0.2	--	Resurveyed 3/11/04
8/6/2004	--		33.30	0.00	22.93	--	--	--	--	--	--	--	0.9	--	
11/11/2004	--		23.63	0.00	32.60	130,000	53,000	2,700	760	1,400	8,300	<250	0.9	--	
2/21/2005	--		9.53	Sheen	46.70	160,000	110,000	2,400	<250	1,500	9,100	<250	0.1	--	
6/2/2005	--		7.86	0.01	48.38	--	--	--	--	--	--	--	--	--	SPH
8/4/2005	--		7.98	0.03	48.27	--	--	--	--	--	--	--	--	--	SPH
11/23/2005	--		6.99	0.02	49.26	--	--	--	--	--	--	--	--	--	SPH
2/13/2006	--		20.98	Sheen	35.25	49,000 N	16,000	240	<50	770	1,100	<50	1.2	--	
5/16/2006	--		1.22	0.00	55.01	--	27,000	260	17	1,300	1,400	22	1.0	--	
9/5/2006	--		5.85	0.02	50.40	--	--	--	--	--	--	--	--	--	SPH
10/31/2006	--		6.91	0.01	49.33	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		7.81	Sheen	48.42	--	--	--	--	--	--	--	--	--	
12/6/2006	--		1.82	0.00	54.41	57,000	25,000	16	<10	350	22	30	7.4	--	
1/30/2007	--		0.00	0.00	56.23	--	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/26/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
4/20/2007	--		7.80	0.00	48.43	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		4.03	0.00	52.20	13,000 N	6,900	9.4	<5.0	500	400	24	2.0	--	
6/29/2007	--		8.34	0.00	47.89	--	--	--	--	--	--	--	--	--	NSP

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
7/20/2007	--	56.23	6.10	0.01	50.14	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		5.57	0.00	50.66	59,000 N	14,000	200	<5.0	890	320	27	0.4	--	
9/19/2007	--		13.56	0.00	42.67	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		7.22	0.00	49.01	--	--	--	--	--	--	--	--	--	
11/29/2007	--		8.88	0.00	47.35	67,000 N	22,000	240	70	1,100	960	25	0.8	--	
2/15/2008	--		14.42	0.02	41.83	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		11.25	0.02	45.00	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		11.00	0.02	45.25	--	--	--	--	--	--	--	--	--	SPH
4/16/2008	--		12.00	Sheen	44.23	--	--	--	--	--	--	--	--	--	NSP, Oily material bailed
5/20/2008	--		11.85	0.01	44.39	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		9.02	0.02	47.23	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		13.22	0.00	43.01	70,000	130,000	<500	<500	1,300	1,100	<500	1.7	--	
7/16/2008	--		17.93	0.03	38.32	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		11.67	0.04	44.59	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		12.54	0.02	43.71	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		15.22	0.02	41.03	--	--	--	--	--	--	--	--	--	SPH
10/14/2008	--		14.68	0.01	41.56	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		10.59	0.03	45.66	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		10.52	0.02	45.73	--	--	--	--	--	--	--	--	--	SPH
12/18/2008	--		14.68	0.01	41.56	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		9.60	Sheen	46.63	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		9.45	0.00	46.78	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		13.22	0.02	43.03	--	--	--	--	--	--	--	0.6	--	SPH
3/3/2009	--		12.65	Sheen	43.58	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		9.28	0.00	46.95	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		7.90	0.01	48.34	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		8.56	Sheen	47.67	--	--	--	--	--	--	--	--	--	SPH
6/12/2009	--		7.83	Sheen	48.40	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		15.94	0.01	40.30	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		14.04	0.01	42.20	--	--	--	--	--	--	--	--	--	SPH

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-4 Cont.															
3/26/2010	--	56.23	5.49	0.01	50.75	--	--	--	--	--	--	--	--	--	b, SPH
9/28/2010	--		4.44	0.01	51.80	--	--	--	--	--	--	--	--	--	b, SPH
2/16/2011	P		5.38	0.00	50.85	44,000	23,000	71	<2.5	25	46	21	0.81	7.35	LX, LW
8/2/2011	--		8.20	0.13	48.13	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		2.64	Sheen	53.59	--	--	--	--	--	--	--	--	--	SPH
8/29/2012	--		6.32	0.01	49.92	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		6.81	Sheen	49.42	--	--	--	--	--	--	--	--	--	
8/29/2013	--		5.84	Sheen	50.39	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		6.08	Sheen	50.15	--	--	--	--	--	--	--	--	--	SPH
A-5															
9/4/1998	--	NS	72.71	Sheen	--	--	--	--	--	--	--	--	2.7	--	
12/18/1998	--		66.94	1.78	--	--	--	--	--	--	--	--	--	--	SPH
3/18/1999	--		69.62	0.15	--	--	--	--	--	--	--	--	1.4	--	SPH
7/2/1999	--		69.76	0.12	--	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		68.72	0.28	--	--	--	--	--	--	--	--	--	--	SPH
1/3/2000	--		68.39	0.30	--	--	--	--	--	--	--	--	0.9	--	SPH
4/1/2000	--		68.97	Sheen	--	--	--	--	--	--	--	--	--	--	
6/22/2000	--		67.77	0.02	--	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		67.00	0.55	--	--	--	--	--	--	--	--	5.6	--	SPH
11/21/2000	--		62.19	0.16	--	--	--	--	--	--	--	--	0.7	--	SPH
3/7/2001	--		60.83	0.03	--	--	--	--	--	--	--	--	0.7	--	SPH
5/1/2001	--		64.30	0.05	--	--	--	--	--	--	--	--	--	--	SPH
8/14/2001	--		64.51	0.12	--	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		64.70	0.65	--	--	--	--	--	--	--	--	0.3	--	SPH
1/18/2002	--	67.92	65.10	1.93	4.27	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		64.81	1.73	4.41	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		62.11	Sheen	5.81	--	--	--	--	--	--	--	3.6	--	
10/31/2002	--		65.80	0.31	2.35	--	--	--	--	--	--	--	--	--	SPH
11/24/2003	--		91.10	6.50	-18.31	--	--	--	--	--	--	--	--	--	SPH
2/3/2004	--		1.96	Sheen	65.96	--	--	--	--	--	--	--	--	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-5 Cont.															
5/6/2004	--	56.08	34.71	Sheen	21.37	--	--	--	--	--	--	--	--	--	Resurveyed 3/11/04
8/6/2004	--		39.99	0.00	16.09	--	--	--	--	--	--	--	--	--	
11/11/2004	--		91.63	0.86	-34.91	--	--	--	--	--	--	--	--	--	SPH
2/21/2005	--		80.02	0.72	-23.40	--	--	--	--	--	--	--	--	--	SPH
6/2/2005	--		75.79	0.34	-19.46	--	--	--	--	--	--	--	--	--	SPH
8/4/2005	--		76.73	0.38	-20.37	--	--	--	--	--	--	--	--	--	SPH
11/23/2005	--		75.62	0.03	-19.52	--	--	--	--	--	--	--	--	--	SPH
2/13/2006	--		74.78	0.15	-18.59	--	--	--	--	--	--	--	--	--	SPH
5/16/2006	--		70.81	0.00	-14.73	--	--	--	--	--	--	--	--	--	NS
9/5/2006	--		68.97	0.19	-12.75	--	--	--	--	--	--	--	--	--	SPH
10/31/2006	--		69.16	0.25	-12.89	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		68.73	0.28	-12.44	--	--	--	--	--	--	--	--	--	SPH
12/5/2006	--		68.11	0.30	-11.81	--	--	--	--	--	--	--	--	--	SPH
1/30/2007	--		66.99	0.01	-10.90	--	--	--	--	--	--	--	--	--	SPH
2/26/2007	--		66.86	0.46	-10.44	3,100,000	1,700,000	26,000	51,000	6,400	66,000	<500	--	--	
4/20/2007	--		70.21	0.00	-14.13	--	--	--	--	--	--	--	--	--	NS
5/29/2007	--		69.07	0.34	-12.74	--	--	--	--	--	--	--	--	--	SPH
6/29/2007	--		67.81	0.00	-11.73	--	--	--	--	--	--	--	--	--	NS
7/20/2007	--		67.62	0.37	-11.26	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		67.06	0.04	-10.95	--	--	--	--	--	--	--	--	--	SPH
9/19/2007	--		70.65	0.01	-14.56	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		71.89	0.00	-15.81	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		69.09	0.05	-12.97	--	--	--	--	--	--	--	--	--	SPH
2/15/2008	--		61.28	0.23	-5.03	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		63.70	0.07	-7.57	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		67.01	0.03	-10.91	--	--	--	--	--	--	--	--	--	SPH
4/16/2008	--		66.23	0.12	-10.06	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		69.92	0.22	-13.68	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		72.98	0.33	-16.65	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		82.07	0.04	-25.96	--	--	--	--	--	--	--	--	--	SPH

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-5 Cont.															
7/16/2008	--	56.08	78.25	0.60	-21.72	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		78.28	1.02	-21.44	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		86.65	0.82	-29.96	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		99.93	0.33	-43.60	--	--	--	--	--	--	--	--	--	SPH
10/14/2008	--		89.46	1.58	-32.20	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		78.97	0.74	-22.34	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		85.31	0.45	-28.89	--	--	--	--	--	--	--	--	--	SPH
12/18/2008	--		86.26	0.45	-29.84	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		88.51	1.22	-31.52	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		85.67	0.93	-28.89	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		50.25	0.70	6.36	--	--	--	--	--	--	--	0.7	--	SPH
3/3/2009	--		49.79	0.74	6.85	--	--	--	--	--	--	--	--	--	SPH
4/6/2009	--		60.15	0.14	-3.97	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		64.80	0.13	-8.62	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		72.76	Sheen	-16.68	--	--	--	--	--	--	--	--	--	SPH
6/12/2009	--		71.68	0.03	-15.58	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		70.70	0.12	-14.53	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		73.60	0.30	-17.30	--	--	--	--	--	--	--	--	--	SPH
3/26/2010	--		54.85	0.13	1.33	--	--	--	--	--	--	--	--	--	b, SPH
9/28/2010	--		62.21	0.09	-6.06	--	--	--	--	--	--	--	--	--	b, SPH
2/16/2011	--		62.99	0.06	-6.87	--	--	--	--	--	--	--	--	--	b, SPH
8/2/2011	--		62.16	0.06	-6.04	--	--	--	--	--	--	--	--	--	SPH
2/9/2012	--		64.42	0.03	-8.32	--	--	--	--	--	--	--	--	--	SPH
3/25/2012	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
8/29/2012	--		67.28	0.06	-11.16	--	--	--	--	--	--	--	--	--	SPH
3/25/2013	--		63.57	0.00	-7.49	--	--	--	--	--	--	--	--	--	
8/29/2013	--		61.96	Sheen	-5.88	--	--	--	--	--	--	--	--	--	SPH
2/26/2014	--		61.05	Sheen	-4.97	--	--	--	--	--	--	--	--	--	SPH
A-6															
1/18/2002	--	66.56	11.10	0.00	55.46	--	12,000	570	3,500	49	5,700	310	0.4	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-6 Cont.															
4/5/2002	--	66.56	12.31	0.00	54.25	--	2,900	220	<10	35	270	230	0.5	--	
8/8/2002	--		12.68	0.00	53.88	--	3,100	110	100	490	730	100	3.7	--	
10/31/2002	--		27.10	0.00	39.46	--	27,000 N	1,100	310	<25	8,700	170	2.4	--	
2/17/2003	--		28.50	0.00	38.06	--	44,000	1,900	540	1,500	14,000	91	0.3	--	
5/22/2003	--		33.70	0.00	32.86	--	40,000	1,500	56	1,500	11,000	79	2.5	--	Past hold time
8/7/2003	--		34.11	0.00	32.45	--	33,000	350	<25	290	2,000	38	1.5	--	
11/24/2003	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	--		25.65	0.00	40.91	7,700	24,000	1,200	<50	880	7,100	<50	0.2	--	
8/6/2004	--		33.70	0.00	32.86	69	19,000	1,200	<25	320	4,700	35	0.8	--	
11/11/2004	--		32.45	0.00	34.11	6,500	12,000	3,500	<50	200	860	<50	0.4	--	
2/21/2005	--		37.47	0.00	29.09	11,000	14,000	3,300	<50	180	690	<50	0.8	--	
6/2/2005	--		38.62	0.00	27.94	4,500 N	42,000	1,300	<50	260	1,700	<50	1.2	--	
8/4/2005	--		42.12	0.00	24.44	2,900 N	53,000	1,600	<50	140	670	<50	2.0	--	
11/23/2005	--	54.76	39.16	0.00	15.60	--	5,500	160	<5.0	110	510	19	0.6	--	
12/2/2005	--		42.61	0.00	12.15	2,100 N	--	--	--	--	--	--	--	--	
2/13/2006	--		40.39	0.00	14.37	1,100 N	4,500	89	<25	41	46	<25	2.3	--	
5/16/2006	--		40.32	0.00	14.44	--	8,200	39	1.3	29	110	23	2.1	--	
9/5/2006	--		40.38	0.00	14.38	2,100	4,300	14	<5.0	14	51	26	2.7	--	
12/6/2006	--		40.50	0.00	14.26	1,400	1,100	11	1.4	2.3	5.9	20	7.5	--	
2/26/2007	--		41.87	0.00	12.89	890	2,800	3.3	0.74	4.5	5.8	21	1.9	--	
5/29/2007	--		40.18	0.00	14.58	1,100 N	2,000	1.7	<0.50	2.1	2.8	15	1.5	--	
8/22/2007	--		40.72	0.00	14.04	--	2,400	9.7	0.76	4.0	6.6	12	0.8	--	Insufficient water
11/29/2007	--		33.90	0.00	20.86	1,100 N	2,300	7.2	<0.50	3.3	4.0	11	2.0	--	
3/28/2008	--		3.00	0.00	51.76	210 N	320	<0.50	<0.50	<0.50	<0.50	1.5	1.3	--	
6/19/2008	--		21.96	0.00	32.80	290	130	<0.50	<0.50	<0.50	<0.50	2.0	1.3	--	
9/18/2008	--		20.71	0.00	34.05	73 N	130	<0.50	<0.50	<0.50	<0.50	2.8	1.4	--	
12/4/2008	--		3.24	0.00	51.52	650 N	250	<0.50	<0.50	<0.50	<0.50	1.5	1.4	--	
3/2/2009	--		1.55	0.00	53.21	400 N	110	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
6/2/2009	--		9.15	0.00	45.61	380	180	<0.50	<0.50	<0.50	<0.50	1.1	1.4	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-6 Cont.															
9/11/2009	--	54.76	18.82	0.00	35.94	880	610	<0.50	<0.50	<0.50	<0.50	4.4	1.3	--	
3/26/2010	--		--	--	--	--	--	--	--	--	--	--	--	--	a
9/28/2010	P		15.47	0.00	39.29	330	160	<0.50	<0.50	<0.50	<0.50	3.5	--	6.93	LW, LX
2/16/2011	P		18.57	0.00	36.19	1,200	1,100	<0.50	<0.50	<0.50	<0.50	4.3	0.76	7.78	LW, LX
8/2/2011	P		25.95	0.00	28.81	340	96	<0.50	<0.50	<0.50	<0.50	2.7	1.03	7.1	LW, LX
2/9/2012	P		19.52	0.00	35.24	230	<50	<0.50	<0.50	<0.50	<0.50	2.1	2.45	7.2	
8/29/2012	P		15.58	0.00	39.18	370	73	<0.50	<0.50	<0.50	<1.0	2.4	1.53	7.55	
3/25/2013	P		16.71	0.00	38.05	370	91	<0.50	<0.50	<0.50	<1.0	2.9	1.36	7.54	
8/29/2013	P		13.11	0.00	41.65	340	73	<0.50	<0.50	<0.50	<1.0	2.8	4.40	7.41	
2/26/2014	P		14.45	0.00	40.31	330/180	140	<0.50	<0.50	<0.50	<1.0	2.8	1.08	6.97	f
A-7															
1/18/2002	--	66.54	45.60	0.00	20.94	--	2,100	88	<10	12	49	<50	0.6	--	
4/5/2002	--		46.90	0.00	19.64	--	670	38	<5.0	9.1	<5.0	<25	0.6	--	
8/8/2002	--		35.48	0.00	31.06	--	320	20	<0.50	1.3	3.8	8.2	7.1	--	
10/31/2002	--		39.10	0.00	27.44	--	1,400	50	<10	10	19	<50	2.8	--	
2/17/2003	--		40.93	0.00	25.61	--	1,700	110	<2.5	7.8	19	<2.5	1.2	--	
5/22/2003	--		42.35	0.00	24.19	--	1,500	99	13	9.3	27	<2.5	3.2	--	
8/7/2003	--		40.93	0.00	25.61	--	1,200	94	<5.0	7.7	19	<5.0	1.3	--	
11/24/2003	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	--		9.98	0.00	56.56	150	1,500	41	<2.5	3.4	9.4	<2.5	0.4	--	
8/6/2004	--		34.65	0.00	31.89	230	330	37	<0.50	3.0	6.0	<0.50	1.1	--	
11/11/2004	--		34.63	0.00	31.91	6,200	1,700	85	<1.0	7.4	7.8	<1.0	0.7	--	
2/21/2005	--		41.17	0.00	25.37	2,400	1,400	59	<1.0	4.6	3.8	<1.0	0.6	--	
6/2/2005	--		18.87	0.00	47.67	930 N	600	36	<0.50	1.9	0.79	<0.50	0.8	--	
8/4/2005	--		14.80	0.00	51.74	2,000 N	610	36	<0.50	2.0	0.76	<0.50	2.6	--	
11/23/2005	--	55.53	13.33	0.00	42.20	--	430	24	<0.50	1.2	<0.50	<0.50	0.7	--	
12/2/2005	--		35.45	0.00	20.08	640 N	--	--	--	--	--	--	--	--	
2/13/2006	--		13.22	0.00	42.31	1,700 N	1,800	62	<0.50	4.5	0.80	<0.50	1.2	--	
5/16/2006	--		12.39	0.00	43.14	--	730	17	<0.50	1.4	0.56	<0.50	1.1	--	

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
A-7 Cont.															
9/5/2006	--	55.53	12.58	0.00	42.95	720	510	4.3	<0.50	0.80	<0.50	<0.50	3.1	--	
12/5/2006	--		12.70	0.00	42.83	520	820	13	<0.50	2.2	<0.50	<0.50	7.6	--	
2/26/2007	--		14.39	0.00	41.14	1,000	1,000	3.3	<0.50	1.9	<0.50	<0.50	1.7	--	
5/29/2007	--		13.67	0.00	41.86	840 N	1,100	0.94	<0.50	1.8	<0.50	<0.50	3.0	--	
8/22/2007	--		14.65	0.00	40.88	--	1,400	1.7	<0.50	2.4	<0.50	<0.50	1.2	--	Insufficient water
11/29/2007	--		12.61	0.00	42.92	930 N	990	0.69	<0.50	1.9	<0.50	<0.50	1.0	--	
3/28/2008	--		11.49	0.00	44.04	220 N	340	0.79	<0.50	<0.50	<0.50	<0.50	0.9	--	
6/19/2008	--		13.20	0.00	42.33	500	61	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	--	
9/18/2008	--		12.12	0.00	43.41	300 N	82	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	--	
12/4/2008	--		11.74	0.00	43.79	520 N	140	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
3/2/2009	--		10.56	0.00	44.97	490	98	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
6/2/2009	--		10.65	0.00	44.88	430	120	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
9/11/2009	--		9.90	0.00	45.63	480	200	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	--	
3/26/2010	--		--	--	--	--	--	--	--	--	--	--	--	--	a
9/28/2010	P		12.95	0.00	42.58	390	240	<0.50	<0.50	<0.50	<0.50	<0.50	0.47	7.04	LW
2/16/2011	P		9.75	0.00	45.78	680	470	<0.50	<0.50	<0.50	<0.50	<0.50	--	7.99	LW, LX
8/2/2011	P		10.40	0.00	45.13	540	190	<0.50	<0.50	<0.50	<0.50	<0.50	1.19	7.6	LW, LX
2/9/2012	P		11.07	0.00	44.46	340	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.45	7.6	
8/29/2012	P		11.02	0.00	44.51	550	140	<0.50	<0.50	<0.50	<1.0	<0.50	4.64	7.69	
3/25/2013	P		10.87	0.00	44.66	360	83	<0.50	<0.50	<0.50	<1.0	<0.50	1.40	7.81	
8/29/2013	P		10.80	0.00	44.73	240	67	<0.50	<0.50	<0.50	<1.0	<0.50	6.81	7.63	
2/26/2014	P		10.09	0.00	45.44	220/78	51	<0.50	<0.50	<0.50	<1.0	<0.50	1.52	7.06	f
EX-1															
8/7/2003	--	168.89	2.93	Sheen	165.96	--	--	--	--	--	--	--	--	--	
11/24/2003	--		7.82	0.00	161.07	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		1.72	0.00	167.17	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	56.19	2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	
11/11/2004	--		2.33	0.00	53.86	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		1.71	0.00	54.48	--	--	--	--	--	--	--	--	--	NSP

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
EX-1 Cont.															
6/2/2005	--	56.19	2.34	0.00	53.85	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		2.96	0.00	53.23	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.13	Sheen	53.06	--	--	--	--	--	--	--	--	--	
2/13/2006	--		2.25	Sheen	53.94	--	--	--	--	--	--	--	--	--	
5/16/2006	--		2.42	0.00	53.77	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		3.78	0.00	52.41	--	--	--	--	--	--	--	--	--	NSP
10/31/2006	--		4.41	0.01	51.79	--	--	--	--	--	--	--	--	--	SPH
11/13/2006	--		3.14	0.00	53.05	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		2.88	0.00	53.31	--	--	--	--	--	--	--	--	--	NSP
1/30/2007	--		2.63	0.00	53.56	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		2.38	0.00	53.81	--	--	--	--	--	--	--	--	--	NSP
4/20/2007	--		2.52	0.00	53.67	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		2.72	0.00	53.47	--	--	--	--	--	--	--	--	--	NSP
6/29/2007	--		3.09	0.00	53.10	--	--	--	--	--	--	--	--	--	NSP
7/20/2007	--		3.45	0.01	52.75	--	--	--	--	--	--	--	--	--	SPH
8/22/2007	--		4.19	0.00	52.00	--	--	--	--	--	--	--	--	--	NSP
9/19/2007	--		4.69	0.00	51.50	--	--	--	--	--	--	--	--	--	NSP
10/17/2007	--		2.58	0.00	53.61	--	--	--	--	--	--	--	--	--	
11/29/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA/NSP, Oversized vault lid
2/15/2008	--		2.00	Sheen	54.19	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		1.90	Sheen	54.29	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		2.43	0.00	53.76	--	--	--	--	--	--	--	--	--	NSP
4/16/2008	--		2.67	0.00	53.52	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		2.75	0.00	53.44	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		3.03	0.00	53.16	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		3.07	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
7/16/2008	--		3.42	Sheen	52.77	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		4.20	Sheen	51.99	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		4.50	0.00	51.69	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		4.57	0.00	51.62	--	--	--	--	--	--	--	--	--	NSP

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ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
EX-1 Cont.															
10/14/2008	--	56.19	4.85	0.00	51.34	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		3.13	0.00	53.06	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		3.48	0.00	52.71	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		3.13	0.00	53.06	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		2.85	Sheen	53.34	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		1.52	0.00	54.67	--	--	--	--	--	--	--	--	--	NSP
3/3/2009	--		1.50	Sheen	54.69	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		2.29	0.00	53.90	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.58	0.00	53.61	--	--	--	--	--	--	--	--	--	NSP
6/12/2009	--		2.68	Sheen	53.51	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		3.18	0.00	53.01	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.95	0.00	52.24	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		1.99	0.00	54.20	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		5.58	0.00	50.61	--	--	--	--	--	--	--	--	--	
2/16/2011	--		2.17	0.00	54.02	--	--	--	--	--	--	--	--	--	
8/2/2011	--		2.70	Sheen	53.49	--	--	--	--	--	--	--	--	--	
2/9/2012	--		2.56	0.00	53.63	--	--	--	--	--	--	--	--	--	
8/29/2012	--		4.37	0.00	51.82	--	--	--	--	--	--	--	--	--	
3/25/2013	--		2.65	0.00	53.54	--	--	--	--	--	--	--	--	--	
8/29/2013	--		4.41	0.00	51.78	--	--	--	--	--	--	--	--	--	
2/26/2014	--		2.65	0.00	53.54	--	--	--	--	--	--	--	--	--	
V-1															
9/4/1998	--	52.15	7.74	Sheen	44.41	--	--	--	--	--	--	--	1.6	--	
12/18/1998	--		7.44	Sheen	44.71	--	--	--	--	--	--	--	--	--	
3/18/1999	--		6.29	Sheen	45.86	--	--	--	--	--	--	--	2.0	--	
7/2/1999	--		7.73	0.03	44.44	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		8.24	0.03	43.93	--	--	--	--	--	--	--	--	--	SPH
1/3/2000	--		7.40	Sheen	44.75	--	--	--	--	--	--	--	0.7	--	
4/1/2000	--		6.88	Sheen	45.27	--	--	--	--	--	--	--	--	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-1 Cont.															
6/22/2000	--	52.15	6.01	0.02	46.16	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		6.10	0.00	46.05	--	--	--	--	--	--	--	0.3	--	NSP
11/21/2000	--		7.00	0.00	45.15	--	--	--	--	--	--	--	0.2	--	NSP
3/7/2001	--		6.11	0.00	46.04	--	--	--	--	--	--	--	0.1	--	NSP
5/1/2001	--		3.90	Sheen	48.25	--	--	--	--	--	--	--	--	--	
8/14/2001	--		4.17	0.00	47.98	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		4.25	0.03	47.92	--	--	--	--	--	--	--	0.2	--	SPH
1/18/2002	--	68.48	3.55	0.50	65.31	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		3.31	0.22	65.34	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		2.25	0.00	66.23	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		4.68	0.00	63.80	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		3.42	Sheen	65.06	--	--	--	--	--	--	--	--	--	
5/22/2003	--		1.91	0.00	66.57	--	--	--	--	--	--	--	--	--	NSP
8/7/2003	--		4.00	Sheen	64.48	--	--	--	--	--	--	--	--	--	
11/24/2003	--		0.40	0.00	68.08	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		0.46	0.00	68.02	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	56.65	1.06	0.00	55.59	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		7.10	0.00	49.55	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		8.55	0.00	48.10	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		0.32	Sheen	56.33	--	--	--	--	--	--	--	--	--	
6/2/2005	--		1.10	0.00	55.55	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		4.27	0.00	52.38	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		5.56	0.00	51.09	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		0.84	Sheen	55.81	--	--	--	--	--	--	--	--	--	
5/16/2006	--		2.09	0.00	54.56	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.98	0.00	51.67	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		4.91	0.00	51.74	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		0.35	0.00	56.30	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		1.79	0.00	54.86	--	--	--	--	--	--	--	--	--	NSP
8/22/2007	--		3.80	0.00	52.85	--	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-1 Cont.															
11/29/2007	--	56.65	5.56	0.00	51.09	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		1.11	0.00	55.54	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		6.68	0.00	49.97	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		8.28	0.02	48.39	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		8.30	0.01	48.36	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		0.00	0.00	56.65	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.42	0.00	54.23	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		5.28	0.00	51.37	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		0.67	0.00	55.98	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		9.40	0.00	47.25	--	--	--	--	--	--	--	--	--	
2/16/2011	--		2.85	0.00	53.80	--	--	--	--	--	--	--	--	--	
8/2/2011	--		5.57	0.00	51.08	--	--	--	--	--	--	--	--	--	
2/9/2012	--		5.50	0.00	51.15	--	--	--	--	--	--	--	--	--	
8/29/2012	--		5.37	Sheen	51.28	--	--	--	--	--	--	--	--	--	
3/25/2013	--		5.68	0.01	50.98	--	--	--	--	--	--	--	--	--	
8/29/2013	--		5.34	Sheen	51.31	--	--	--	--	--	--	--	--	--	
2/26/2014	--		5.41	0.02	51.26	--	--	--	--	--	--	--	--	--	
V-2															
9/4/1998	--	50.60	19.60	Sheen	31.00	--	--	--	--	--	--	--	1.6	--	
12/18/1998	--		14.76	Sheen	35.84	--	--	--	--	--	--	--	--	--	
3/18/1999	--		11.12	Sheen	39.48	--	--	--	--	--	--	--	1.9	--	
7/2/1999	--		10.89	0.02	39.73	--	--	--	--	--	--	--	--	--	SPH
9/28/1999	--		12.64	Sheen	37.96	--	--	--	--	--	--	--	--	--	
1/3/2000	--		10.30	Sheen	40.30	--	--	--	--	--	--	--	1.6	--	
4/1/2000	--		0.01	0.00	50.59	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		4.75	0.01	45.86	--	--	--	--	--	--	--	0.8	--	SPH
8/17/2000	--		6.75	0.00	43.85	--	--	--	--	--	--	--	0.5	--	NSP
11/21/2000	--		7.33	0.00	43.27	--	--	--	--	--	--	--	0.4	--	NSP
3/7/2001	--		6.29	0.00	44.31	--	--	--	--	--	--	--	0.4	--	NSP
5/1/2001	--		5.90	0.02	44.72	--	--	--	--	--	--	--	--	--	SPH

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L						DO (mg/L)	pH	Footnote	
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes				MTBE
V-2 Cont.															
8/14/2001	--	50.60	6.15	0.28	44.66	--	--	--	--	--	--	--	--	--	SPH
10/9/2001	--		6.30	0.55	44.71	--	--	--	--	--	--	--	1.0	--	SPH
1/18/2002	--	66.95	6.02	0.91	61.61	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		6.29	0.32	60.90	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		5.87	0.04	61.11	--	--	--	--	--	--	--	--	--	SPH
10/31/2002	--		7.85	0.08	59.16	--	--	--	--	--	--	--	--	--	SPH
2/17/2003	--		0.61	Sheen	66.34	--	--	--	--	--	--	--	--	--	
5/22/2003	--		2.47	0.00	64.48	--	--	--	--	--	--	--	--	--	NSP
8/7/2003	--		6.33	Sheen	60.62	--	--	--	--	--	--	--	--	--	
11/24/2003	--		7.23	0.00	59.72	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		1.68	0.00	65.27	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	55.12	2.70	0.00	52.42	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		7.40	0.00	47.72	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		--	--	--	--	--	--	--	--	--	--	--	--	
2/21/2005	--		0.14	Sheen	54.98	--	--	--	--	--	--	--	--	--	
6/2/2005	--		2.00	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.80	0.00	51.32	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		6.27	Sheen	48.85	--	--	--	--	--	--	--	--	--	
2/13/2006	--		3.89	Sheen	51.23	--	--	--	--	--	--	--	--	--	
5/16/2006	--		--	--	--	--	--	--	--	--	--	--	--	--	
9/5/2006	--		1.90	0.00	53.22	--	--	--	--	--	--	--	--	--	NS
10/31/2006	--		3.21	0.00	51.91	--	--	--	--	--	--	--	--	--	NS
11/13/2006	--		3.49	0.00	51.63	--	--	--	--	--	--	--	--	--	NS
12/6/2006	--		3.82	0.00	51.30	--	--	--	--	--	--	--	--	--	NS
1/30/2007	--		3.52	0.00	51.60	--	--	--	--	--	--	--	--	--	NS
2/26/2007	--		2.84	0.00	52.28	--	--	--	--	--	--	--	--	--	NS
4/20/2007	--		1.81	0.01	53.32	--	--	--	--	--	--	--	--	--	SPH
5/29/2007	--		2.63	0.03	52.51	--	--	--	--	--	--	--	--	--	SPH
6/29/2007	--		3.25	0.01	51.88	--	--	--	--	--	--	--	--	--	SPH
7/20/2007	--		3.01	0.01	52.12	--	--	--	--	--	--	--	--	--	SPH

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						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-2 Cont.															
8/22/2007	--	55.12	6.20	Sheen	48.92	--	--	--	--	--	--	--	--	--	
9/19/2007	--		6.54	0.02	48.60	--	--	--	--	--	--	--	--	--	SPH
10/17/2007	--		10.89	0.00	44.23	--	--	--	--	--	--	--	--	--	
11/29/2007	--		9.25	0.00	45.87	--	--	--	--	--	--	--	--	--	NSP
2/15/2008	--		3.45	Sheen	51.67	--	--	--	--	--	--	--	--	--	NSP
3/4/2008	--		2.75	0.00	52.37	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		0.55	0.00	54.57	--	--	--	--	--	--	--	--	--	NSP
4/16/2008	--		6.16	0.00	48.96	--	--	--	--	--	--	--	--	--	NSP
5/20/2008	--		6.00	0.00	49.12	--	--	--	--	--	--	--	--	--	NSP
6/18/2008	--		5.83	0.00	49.29	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		0.40	0.00	54.72	--	--	--	--	--	--	--	--	--	NSP
7/16/2008	--		7.00	0.00	48.12	--	--	--	--	--	--	--	--	--	NSP
8/29/2008	--		6.87	0.00	48.25	--	--	--	--	--	--	--	--	--	NSP
9/15/2008	--		6.93	Sheen	48.19	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		0.70	0.00	54.42	--	--	--	--	--	--	--	--	--	NSP
10/14/2008	--		8.06	0.00	47.06	--	--	--	--	--	--	--	--	--	NSP
11/20/2008	--		7.13	0.00	47.99	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		2.00	0.00	53.12	--	--	--	--	--	--	--	--	--	NSP
1/14/2009	--		6.53	0.00	48.59	--	--	--	--	--	--	--	--	--	NSP
2/4/2009	--		5.50	0.00	49.62	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		2.15	0.00	52.97	--	--	--	--	--	--	--	--	--	NSP
3/3/2009	--		21.47	0.00	33.65	--	--	--	--	--	--	--	--	--	NSP
4/6/2009	--		4.60	0.00	50.52	--	--	--	--	--	--	--	--	--	NSP
5/29/2009	--		4.09	0.00	51.03	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		2.61	0.00	52.51	--	--	--	--	--	--	--	--	--	NSP
6/12/2009	--		7.58	0.00	47.54	--	--	--	--	--	--	--	--	--	NSP
7/30/2009	--		6.03	0.00	49.09	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.90	0.00	51.22	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		0.30	0.00	54.82	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		2.30	0.00	52.82	--	--	--	--	--	--	--	--	--	

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-2 Cont.															
2/16/2011	--	55.12	0.56	0.00	54.56	--	--	--	--	--	--	--	--	--	
8/2/2011	--		0.00	0.00	55.12	--	--	--	--	--	--	--	--	--	c
2/9/2012	--		2.20	0.00	52.92	--	--	--	--	--	--	--	--	--	
8/29/2012	--		2.63	0.00	52.49	--	--	--	--	--	--	--	--	--	
3/25/2013	--		2.35	0.00	52.77	--	--	--	--	--	--	--	--	--	
8/29/2013	--		3.87	0.00	51.25	--	--	--	--	--	--	--	--	--	
2/26/2014	--		5.86	0.00	49.26	--	--	--	--	--	--	--	--	--	
V-3															
9/4/1998	--	NS	9.99	Sheen	--	--	--	--	--	--	--	--	1.5	--	
12/18/1998	--		--	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		3.05	Sheen	--	--	--	--	--	--	--	--	1.6	--	
7/2/1999	--		5.56	0.00	--	--	--	--	--	--	--	--	1.2	--	NSP
9/28/1999	--		5.43	Sheen	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--		6.03	Sheen	--	--	--	--	--	--	--	--	1.5	--	
4/1/2000	--		2.33	0.00	--	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		4.21	0.01	--	--	--	--	--	--	--	--	0.7	--	SPH
8/17/2000	--		5.80	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
11/21/2000	--		5.14	0.00	--	--	--	--	--	--	--	--	0.1	--	NSP
3/7/2001	--		5.08	0.00	--	--	--	--	--	--	--	--	0.1	--	NSP
5/1/2001	--		7.00	0.00	--	--	440	17	2.7	7.8	100	33	--	--	NSP
8/14/2001	--		7.19	0.00	--	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		9.23	0.08	--	--	--	--	--	--	--	--	0.5	--	SPH
1/18/2002	--	66.55	9.05	0.55	57.91	--	--	--	--	--	--	--	--	--	SPH
4/5/2002	--		9.05	0.26	57.70	--	--	--	--	--	--	--	--	--	SPH
8/8/2002	--		3.46	0.00	63.09	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		4.76	0.00	61.79	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		0.10	Sheen	66.45	--	--	--	--	--	--	--	--	--	
5/22/2003	--		1.02	Sheen	65.53	--	--	--	--	--	--	--	--	--	
8/7/2003	--		3.41	0.00	63.14	--	--	--	--	--	--	--	--	--	NSP
11/24/2003	--		0.55	0.00	66.00	--	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L						DO (mg/L)	pH	Footnote	
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes				MTBE
V-3 Cont.															
2/3/2004	--	66.55	--	--	--	--	--	--	--	--	--	--	--	--	
5/6/2004	--	54.42	0.80	0.00	53.62	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		1.70	0.00	52.72	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		2.35	0.00	52.07	--	--	--	--	--	--	--	--	--	NSP
2/21/2005	--		2.71	0.00	51.71	--	--	--	--	--	--	--	--	--	NSP
6/2/2005	--		2.95	0.00	51.47	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.44	0.00	50.98	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.71	0.00	50.71	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		3.83	Sheen	50.59	--	--	--	--	--	--	--	--	--	
5/16/2006	--		4.16	0.00	50.26	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.71	0.00	49.71	--	--	--	--	--	--	--	--	--	NSP
12/6/2006	--		4.89	0.00	49.53	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		5.04	0.00	49.38	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		5.40	0.00	49.02	--	--	--	--	--	--	--	--	--	NSP
8/22/2007	--		5.70	0.00	48.72	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		5.71	0.00	48.71	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		5.75	0.00	48.67	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		6.04	0.00	48.38	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		6.27	0.00	48.15	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		6.22	0.00	48.20	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		6.04	0.00	48.38	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		6.25	0.00	48.17	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		6.42	0.00	48.00	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		5.97	0.00	48.45	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		6.40	0.00	48.02	--	--	--	--	--	--	--	--	--	
2/16/2011	--		6.00	0.00	48.42	--	--	--	--	--	--	--	--	--	
8/2/2011	--		6.60	0.00	47.82	--	--	--	--	--	--	--	--	--	
2/9/2012	--		6.67	0.00	47.75	--	--	--	--	--	--	--	--	--	
8/29/2012	--		6.95	0.00	47.47	--	--	--	--	--	--	--	--	--	
3/25/2013	--		6.54	0.00	47.88	--	--	--	--	--	--	--	--	--	

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-3 Cont.															
8/29/2013	--	54.42	7.01	0.00	47.41	--	--	--	--	--	--	--	--	--	
2/26/2014	--		6.61	0.00	47.81	--	--	--	--	--	--	--	--	--	
V-4															
9/4/1998	--	NS	4.76	Sheen	--	--	--	--	--	--	--	--	1.4	--	
12/18/1998	--		4.39	Sheen	--	--	--	--	--	--	--	--	--	--	
3/18/1999	--		4.45	Sheen	--	--	--	--	--	--	--	--	1.9	--	
7/2/1999	--		4.70	0.00	--	--	--	--	--	--	--	--	1.3	--	NSP
9/28/1999	--		5.00	Sheen	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--		5.39	Sheen	--	--	--	--	--	--	--	--	1.6	--	
4/1/2000	--		4.95	0.00	--	--	--	--	--	--	--	--	--	--	NSP
6/22/2000	--		5.01	0.00	--	--	--	--	--	--	--	--	1.1	--	NSP
8/17/2000	--		5.00	0.00	--	--	--	--	--	--	--	--	0.6	--	NSP
11/21/2000	--		4.93	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
3/7/2001	--		3.59	0.00	--	--	--	--	--	--	--	--	0.3	--	NSP
5/1/2001	--		2.20	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
5/1/2001	--		2.20	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
8/14/2001	--		2.37	0.00	--	--	--	--	--	--	--	--	--	--	NSP
10/9/2001	--		2.30	0.00	--	--	--	--	--	--	--	--	0.6	--	NSP
1/18/2002	--	66.55	2.71	0.00	63.84	--	--	--	--	--	--	--	--	--	NSP
4/5/2002	--		2.95	0.00	63.60	--	--	--	--	--	--	--	--	--	NSP
8/8/2002	--		10.60	0.00	55.95	--	--	--	--	--	--	--	--	--	NSP
10/31/2002	--		3.19	0.00	63.36	--	--	--	--	--	--	--	--	--	NSP
2/17/2003	--		3.37	0.00	63.18	--	--	--	--	--	--	--	--	--	NSP
5/22/2003	--		3.39	Sheen	63.16	--	--	--	--	--	--	--	--	--	
8/7/2003	--		3.56	0.00	62.99	--	--	--	--	--	--	--	--	--	NSP
11/24/2003	--		4.43	0.00	62.12	--	--	--	--	--	--	--	--	--	NSP
2/3/2004	--		4.20	0.00	62.35	--	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	54.71	3.38	0.00	51.33	--	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--		3.80	0.00	50.91	--	--	--	--	--	--	--	--	--	NSP
11/11/2004	--		4.31	0.00	50.40	--	--	--	--	--	--	--	--	--	NSP

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
						DRO/TPHd	GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
V-4 Cont.															
2/21/2005	--	54.71	3.28	0.00	51.43	--	--	--	--	--	--	--	--	--	NSP
6/2/2005	--		3.35	0.00	51.36	--	--	--	--	--	--	--	--	--	NSP
8/4/2005	--		3.47	0.00	51.24	--	--	--	--	--	--	--	--	--	NSP
11/23/2005	--		3.70	0.00	51.01	--	--	--	--	--	--	--	--	--	NSP
2/13/2006	--		--	--	--	--	--	--	--	--	--	--	--	--	
5/16/2006	--		0.08	0.00	54.63	--	--	--	--	--	--	--	--	--	NSP
9/5/2006	--		4.33	0.00	50.38	--	--	--	--	--	--	--	--	--	NSP
12/5/2006	--		3.92	0.00	50.79	--	--	--	--	--	--	--	--	--	NSP
2/26/2007	--		4.00	0.00	50.71	--	--	--	--	--	--	--	--	--	NSP
5/29/2007	--		--	--	--	--	--	--	--	--	--	--	--	--	INA
8/22/2007	--		4.39	0.00	50.32	--	--	--	--	--	--	--	--	--	NSP
11/29/2007	--		4.70	0.00	50.01	--	--	--	--	--	--	--	--	--	NSP
3/28/2008	--		4.45	0.00	50.26	--	--	--	--	--	--	--	--	--	NSP
6/19/2008	--		4.51	0.00	50.20	--	--	--	--	--	--	--	--	--	NSP
9/18/2008	--		4.60	0.00	50.11	--	--	--	--	--	--	--	--	--	NSP
12/4/2008	--		4.52	0.00	50.19	--	--	--	--	--	--	--	--	--	NSP
3/2/2009	--		4.35	0.00	50.36	--	--	--	--	--	--	--	--	--	NSP
6/2/2009	--		3.53	0.00	51.18	--	--	--	--	--	--	--	--	--	NSP
9/11/2009	--		3.65	0.00	51.06	--	--	--	--	--	--	--	--	--	NSP
3/26/2010	--		3.10	0.00	51.61	--	--	--	--	--	--	--	--	--	NSP
9/28/2010	--		3.52	0.00	51.19	--	--	--	--	--	--	--	--	--	
2/16/2011	--		1.58	0.00	53.13	--	--	--	--	--	--	--	--	--	
8/2/2011	--		1.67	0.00	53.04	--	--	--	--	--	--	--	--	--	
2/9/2012	--		3.44	0.00	51.27	--	--	--	--	--	--	--	--	--	
8/29/2012	--		3.46	0.00	51.25	--	--	--	--	--	--	--	--	--	
3/25/2013	--		3.48	0.00	51.23	--	--	--	--	--	--	--	--	--	
8/29/2013	--		4.05	0.00	50.66	--	--	--	--	--	--	--	--	--	
2/26/2014	--		4.93	0.00	49.78	--	--	--	--	--	--	--	--	--	

Symbols & Abbreviations:

--/- - = Not analyzed/applicable/sampled/measured

< = Not detected at or above specified laboratory reporting limit

DO = Dissolved oxygen

DTW = Depth to water in ft bgs

GRO = Gasoline range organics, range C4-C12

GWE = Groundwater elevation in ft

g/L = Micrograms per liter

mg/L = Milligrams per liter

MTBE = Methyl tert-butyl ether

NP = Not purged before sampling

P = Purged before sampling

PD = Purged Dry

TPHg = Total petroleum hydrocarbons as gasoline

TOC = Top of casing elevation in ft

DF = Reporting limits elevated due to matrix interferences

DRY = Well dry during gauging; not sampled

DUP = Duplicate sample

INA = Well inaccessible

N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

NP = Well not purged prior to sampling

NS = Well not sampled

Footnotes:

a = Well not sampled due to encroachment permit and traffic control issues

b = Water level elevation adjusted assuming a specific gravity of 0.75 for free product

c = Groundwater at top of casing

d = Well full of product

e = Insufficient water in well to conduct purging prior to sample collection; grab sample collected

f = DRO entry contain both non silica gel cleanup and silica gel cleanup values. Example: 920/450 denotes non silica gel cleanup/silica gel cleanup.

NSP = Well not sampled this event, in accordance with groundwater sampling schedule

SPH = Well not sampled due to the presence of separate-phase hydrocarbons

LW = Quantitation of unknown hydrocarbon(s) in sample based on gasoline

LX = Quantitation of unknown hydrocarbon(s) in sample based on diesel

Notes:

Beginning in the first quarter 2008, the carbon range for GRO was changed from C4-C12 to C6-C12

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-1									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	<50	--	--	--	--	--	
3/7/2001	--	--	<100	--	--	--	--	--	
5/1/2001	--	--	<125	--	--	--	--	--	
8/14/2001	--	--	<50	--	--	--	--	--	
10/9/2001	--	--	<50	--	--	--	--	--	
1/18/2002	--	--	<250	--	--	--	--	--	
4/5/2002	--	--	<62	--	--	--	--	--	
8/8/2002	--	--	<250	--	--	--	--	--	
10/31/2002	--	--	<500	--	--	--	--	--	
2/18/2003	<4,000	<2,000	<50	<50	<50	<50	--	--	
5/22/2003	<5,000	<1,000	<25	<25	<25	<25	--	--	Artesian well, water at TOC
8/7/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
11/24/2003	<5,000	<1,000	<25	<25	<25	<25	--	--	
2/3/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
5/6/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	Resurveyed 3/11/04
7/30/2004	<50,000	<4,000	<250	<250	<250	<250	<250	<250	SPH
11/11/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
2/21/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
6/2/2005	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
8/4/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/23/2005	95,000	<1,000	<25	<25	<25	<25	<25	<25	Artesian well, water at TOC
12/2/2005	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/13/2006	<30,000	<2,000	<50	<50	<50	<50	<50	<50	
5/16/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
9/5/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
12/6/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
2/26/2007	--	--	--	--	--	--	--	--	INA
5/29/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-1 Cont.									
11/29/2007	--	--	--	--	--	--	--	--	SPH
3/28/2008	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
6/19/2008	--	--	--	--	--	--	--	--	SPH
9/18/2008	--	--	--	--	--	--	--	--	SPH
12/4/2008	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
3/2/2009	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
6/2/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	
9/11/2009	<6,000	<200	<10	<10	<10	<10	<10	<10	
3/26/2010	<1,500	130	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
9/28/2010	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	DF
2/16/2011	--	--	--	--	--	--	--	--	SPH
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
A-2									
12/18/1998	--	--	--	--	--	--	--	--	SPH
3/18/1999	--	--	--	--	--	--	--	--	SPH
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	18,000	--	--	--	--	--	
11/21/2000	--	--	14,000	--	--	--	--	--	DUP
3/7/2001	--	--	5.8	--	--	--	--	--	
3/7/2001	--	--	5.2	--	--	--	--	--	DUP
5/1/2001	--	--	<2.5	--	--	--	--	--	
8/14/2001	--	--	<2.5	--	--	--	--	--	DUP
8/14/2001	--	--	<2.5	--	--	--	--	--	DUP
10/9/2001	--	--	<2.5	--	--	--	--	--	DUP
10/9/2001	--	--	<2.5	--	--	--	--	--	DUP
1/18/2002	--	--	<2.5	--	--	--	--	--	DUP
1/18/2002	--	--	<2.5	--	--	--	--	--	DUP
4/5/2002	--	--	3.9	--	--	--	--	--	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-2 Cont.									
4/5/2002	--	--	7.0	--	--	--	--	--	DUP
8/8/2002	--	--	<2.5	--	--	--	--	--	
10/31/2002	--	--	<2.5	--	--	--	--	--	
2/18/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	--	--	Past hold time
5/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
2/3/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Resurveyed 3/11/04
8/6/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/11/2004	<100	26	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/21/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/6/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	<10	0.85	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	<10	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	<10	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	<10	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
3/2/2009	<300	<10	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2009	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
3/26/2010	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	<10	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-2 Cont.									
2/16/2011	<300	<10	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	<10	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	<10	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	<10	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	<10	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	<10	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	<10	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	
A-3									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	<250	--	--	--	--	--	NP
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	6.5	--	--	--	--	--	
10/31/2002	--	--	13	--	--	--	--	--	
2/18/2003	<40	290	<0.50	<0.50	<0.50	<0.50	--	--	
5/22/2003	<100	370	<0.50	<0.50	<0.50	<0.50	--	--	Past hold time
8/7/2003	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2003	<100	340	<0.50	<0.50	<0.50	<0.50	--	--	
2/3/2004	<100	290	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2004	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	Dry
11/11/2004	--	--	--	--	--	--	--	--	SPH
2/21/2005	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2005	<100	280	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Very little water
8/4/2005	<100	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-3 Cont.									
11/23/2005	<100	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	220	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	260	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	NS
12/6/2006	<300	280	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/30/2007	--	--	--	--	--	--	--	--	SPH
2/26/2007	<300	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/20/2007	--	--	--	--	--	--	--	--	NS
5/29/2007	<300	320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<300	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NP, Insufficient water
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	<300	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	<300	370	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	<1,500	310	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	<600	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	<1,500	320	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	<1,500	370	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-3 Cont.									
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	<600	310	<1.0	<1.0	<1.0	1.8	<1.0	<1.0	
3/26/2010	<600	370	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
9/28/2010	<600	340	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/16/2011	<600	320	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
8/2/2011	<600	360	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/9/2012	<600	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
8/29/2012	<150	320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	420	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	380	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	390	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
A-4									
7/2/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	<500	--	--	--	--	--	
10/31/2002	--	--	--	--	--	--	--	--	SPH
2/18/2003	<20,000	<10,000	390	<250	<250	<250	--	--	Past hold time
5/22/2003	--	--	--	--	--	--	--	--	SPH

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-4 Cont.									
8/7/2003	--	--	--	--	--	--	--	--	SPH
11/24/2003	--	--	--	--	--	--	--	--	SPH
5/6/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	Resurveyed 3/11/04
11/11/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
2/21/2005	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
6/2/2005	--	--	--	--	--	--	--	--	SPH
8/4/2005	--	--	--	--	--	--	--	--	SPH
11/23/2005	--	--	--	--	--	--	--	--	SPH
2/13/2006	<30,000	<2,000	<50	<50	<50	<50	<50	<50	
5/16/2006	<6,000	<400	22	<10	<10	<10	<10	<10	
9/5/2006	--	--	--	--	--	--	--	--	SPH
10/31/2006	--	--	--	--	--	--	--	--	SPH
12/6/2006	<6,000	<400	30	<10	<10	<10	<10	<10	
1/30/2007	--	--	--	--	--	--	--	--	Artesian well, water at TOC
2/26/2007	--	--	--	--	--	--	--	--	INA
4/20/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	<3,000	<200	24	<5.0	<5.0	<5.0	<5.0	<5.0	
6/29/2007	--	--	--	--	--	--	--	--	NSP
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	<3,000	<200	27	<5.0	<5.0	<5.0	<5.0	<5.0	
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	<6,000	<400	25	<10	<10	<10	<10	<10	
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	SPH
4/16/2008	--	--	--	--	--	--	--	--	NSP, Oily material bailed
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	<300,000	<10,000	<500	<500	<500	<500	<500	<500	
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-4 Cont.									
9/18/2008	--	--	--	--	--	--	--	--	SPH
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	SPH
12/18/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	SPH
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	SPH
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	SPH
3/26/2010	--	--	--	--	--	--	--	--	SPH
9/28/2010	--	--	--	--	--	--	--	--	SPH
2/16/2011	<1500	160	21	<2.5	<2.5	<2.5	<2.5	<2.5	
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
A-5									
12/18/1998	--	--	--	--	--	--	--	--	SPH
3/18/1999	--	--	--	--	--	--	--	--	SPH
7/2/1999	--	--	--	--	--	--	--	--	SPH
9/28/1999	--	--	--	--	--	--	--	--	SPH
1/3/2000	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	SPH
11/21/2000	--	--	--	--	--	--	--	--	SPH
3/7/2001	--	--	--	--	--	--	--	--	SPH
5/1/2001	--	--	--	--	--	--	--	--	SPH

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-5 Cont.									
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
10/31/2002	--	--	--	--	--	--	--	--	SPH
11/24/2003	--	--	--	--	--	--	--	--	SPH
5/6/2004	--	--	--	--	--	--	--	--	Resurveyed 3/11/04
11/11/2004	--	--	--	--	--	--	--	--	SPH
2/21/2005	--	--	--	--	--	--	--	--	SPH
6/2/2005	--	--	--	--	--	--	--	--	SPH
8/4/2005	--	--	--	--	--	--	--	--	SPH
11/23/2005	--	--	--	--	--	--	--	--	SPH
2/13/2006	--	--	--	--	--	--	--	--	SPH
5/16/2006	--	--	--	--	--	--	--	--	NS
9/5/2006	--	--	--	--	--	--	--	--	SPH
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	SPH
12/5/2006	--	--	--	--	--	--	--	--	SPH
1/30/2007	--	--	--	--	--	--	--	--	SPH
2/26/2007	<300,000	<20,000	<500	<500	<500	<500	<500	<500	
4/20/2007	--	--	--	--	--	--	--	--	NS
5/29/2007	--	--	--	--	--	--	--	--	SPH
6/29/2007	--	--	--	--	--	--	--	--	NS
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	--	--	--	--	--	--	--	--	SPH
9/19/2007	--	--	--	--	--	--	--	--	NSP
10/17/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	SPH
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	SPH
4/16/2008	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-5 Cont.									
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	SPH
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	SPH
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	SPH
12/18/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	SPH
3/3/2009	--	--	--	--	--	--	--	--	SPH
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	SPH
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	SPH
3/26/2010	--	--	--	--	--	--	--	--	SPH
9/28/2010	--	--	--	--	--	--	--	--	SPH
8/2/2011	--	--	--	--	--	--	--	--	SPH
2/9/2012	--	--	--	--	--	--	--	--	SPH
A-6									
1/18/2002	--	--	310	--	--	--	--	--	
4/5/2002	--	--	230	--	--	--	--	--	
8/8/2002	--	--	100	--	--	--	--	--	
10/31/2002	--	--	170	--	--	--	--	--	
2/17/2003	<4,000	<2,000	91	<50	<50	<50	--	--	

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ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-6 Cont.									
5/22/2003	<10,000	<2,000	79	<50	<50	<50	--	--	Past hold time
8/7/2003	<5,000	<1,000	38	<25	<25	<25	<25	<25	
11/24/2003	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
8/6/2004	<5,000	<1,000	35	<25	<25	<25	<25	<25	
11/11/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
2/21/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
6/2/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
8/4/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/23/2005	<1,000	<200	19	<5.0	<5.0	<5.0	<5.0	<5.0	
2/13/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
5/16/2006	<300	120	23	<0.50	<0.50	1.6	<0.50	<0.50	
9/5/2006	<3,000	<200	26	<5.0	<5.0	<5.0	<5.0	<5.0	
12/6/2006	<300	97	20	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	150	21	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	98	15	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	75	12	<0.50	<0.50	<0.50	<0.50	<0.50	Insufficient water
11/29/2007	<300	79	11	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	16	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	19	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	15	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
3/2/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2009	<300	11	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	46	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	44	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	63	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	37	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	38	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	35	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	56	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-6 Cont.									
8/29/2013	<150	53	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	54	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
A-7									
1/18/2002	--	--	<50	--	--	--	--	--	
4/5/2002	--	--	<25	--	--	--	--	--	
8/8/2002	--	--	8.2	--	--	--	--	--	
10/31/2002	--	--	<50	--	--	--	--	--	
2/17/2003	<200	210	<2.5	<2.5	<2.5	<2.5	--	--	
5/22/2003	<500	240	<2.5	<2.5	<2.5	<2.5	--	--	
8/7/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/24/2003	--	--	--	--	--	--	--	--	INA, Paved over
2/3/2004	--	--	--	--	--	--	--	--	INA, Paved over
5/6/2004	<500	300	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
8/6/2004	<100	240	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/11/2004	<200	280	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/21/2005	<200	260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
6/2/2005	<100	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2005	<100	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/23/2005	<100	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/13/2006	<300	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/16/2006	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/5/2006	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/5/2006	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2007	<300	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/29/2007	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/22/2007	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Insufficient water
11/29/2007	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/28/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/19/2008	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/18/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/4/2008	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-7 Cont.									
3/2/2009	<300	94	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/2/2009	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2009	<300	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/28/2010	<300	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/2/2011	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/9/2012	<300	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2012	<150	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
3/25/2013	<150	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2013	<150	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/26/2014	<150	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
EX-1									
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
10/31/2006	--	--	--	--	--	--	--	--	SPH
11/13/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
1/30/2007	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
4/20/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
6/29/2007	--	--	--	--	--	--	--	--	NSP
7/20/2007	--	--	--	--	--	--	--	--	SPH
8/22/2007	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
EX-1 Cont.									
9/19/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	INA/NSP, Oversized vault lid
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-1									
7/2/1999	--	--	--	--	--	--	--	--	SPH
9/28/1999	--	--	--	--	--	--	--	--	SPH
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-1 Cont.									
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
8/14/2001	--	--	--	--	--	--	--	--	NSP
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
5/22/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-2									
7/2/1999	--	--	--	--	--	--	--	--	SPH
4/1/2000	--	--	--	--	--	--	--	--	NSP
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
5/1/2001	--	--	--	--	--	--	--	--	SPH
8/14/2001	--	--	--	--	--	--	--	--	SPH
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	SPH
10/31/2002	--	--	--	--	--	--	--	--	SPH
5/22/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NS
10/31/2006	--	--	--	--	--	--	--	--	NS
11/13/2006	--	--	--	--	--	--	--	--	NS
12/6/2006	--	--	--	--	--	--	--	--	NS
1/30/2007	--	--	--	--	--	--	--	--	NS
2/26/2007	--	--	--	--	--	--	--	--	NS
4/20/2007	--	--	--	--	--	--	--	--	SPH
5/29/2007	--	--	--	--	--	--	--	--	SPH
6/29/2007	--	--	--	--	--	--	--	--	SPH
7/20/2007	--	--	--	--	--	--	--	--	SPH
9/19/2007	--	--	--	--	--	--	--	--	SPH
11/29/2007	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-2 Cont.									
2/15/2008	--	--	--	--	--	--	--	--	NSP
3/4/2008	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
4/16/2008	--	--	--	--	--	--	--	--	NSP
5/20/2008	--	--	--	--	--	--	--	--	NSP
6/18/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
7/16/2008	--	--	--	--	--	--	--	--	NSP
8/29/2008	--	--	--	--	--	--	--	--	NSP
9/15/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
10/14/2008	--	--	--	--	--	--	--	--	NSP
11/20/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
1/14/2009	--	--	--	--	--	--	--	--	NSP
2/4/2009	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
3/3/2009	--	--	--	--	--	--	--	--	NSP
4/6/2009	--	--	--	--	--	--	--	--	NSP
5/29/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
6/12/2009	--	--	--	--	--	--	--	--	NSP
7/30/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-3									
7/2/1999	--	--	--	--	--	--	--	--	NSP
4/1/2000	--	--	--	--	--	--	--	--	NSP
6/22/2000	--	--	--	--	--	--	--	--	SPH
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-3 Cont.									
5/1/2001	--	--	33	--	--	--	--	--	NSP
8/14/2001	--	--	--	--	--	--	--	--	NSP
10/9/2001	--	--	--	--	--	--	--	--	SPH
1/18/2002	--	--	--	--	--	--	--	--	SPH
4/5/2002	--	--	--	--	--	--	--	--	SPH
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
8/7/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/6/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	NSP
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP
V-4									

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-4 Cont.									
7/2/1999	--	--	--	--	--	--	--	--	NSP
4/1/2000	--	--	--	--	--	--	--	--	NSP
6/22/2000	--	--	--	--	--	--	--	--	NSP
8/17/2000	--	--	--	--	--	--	--	--	NSP
11/21/2000	--	--	--	--	--	--	--	--	NSP
3/7/2001	--	--	--	--	--	--	--	--	NSP
5/1/2001	--	--	<2.5	--	--	--	--	--	
5/1/2001	--	--	<2.5	--	--	--	--	--	
8/14/2001	--	--	--	--	--	--	--	--	NSP
10/9/2001	--	--	--	--	--	--	--	--	NSP
1/18/2002	--	--	--	--	--	--	--	--	NSP
4/5/2002	--	--	--	--	--	--	--	--	NSP
8/8/2002	--	--	--	--	--	--	--	--	NSP
10/31/2002	--	--	--	--	--	--	--	--	NSP
2/17/2003	--	--	--	--	--	--	--	--	NSP
8/7/2003	--	--	--	--	--	--	--	--	NSP
11/24/2003	--	--	--	--	--	--	--	--	NSP
2/3/2004	--	--	--	--	--	--	--	--	NSP
5/6/2004	--	--	--	--	--	--	--	--	NSP, Resurveyed 3/11/04
8/6/2004	--	--	--	--	--	--	--	--	NSP
11/11/2004	--	--	--	--	--	--	--	--	NSP
2/21/2005	--	--	--	--	--	--	--	--	NSP
6/2/2005	--	--	--	--	--	--	--	--	NSP
8/4/2005	--	--	--	--	--	--	--	--	NSP
11/23/2005	--	--	--	--	--	--	--	--	NSP
5/16/2006	--	--	--	--	--	--	--	--	NSP
9/5/2006	--	--	--	--	--	--	--	--	NSP
12/5/2006	--	--	--	--	--	--	--	--	NSP
2/26/2007	--	--	--	--	--	--	--	--	NSP
5/29/2007	--	--	--	--	--	--	--	--	INA
8/22/2007	--	--	--	--	--	--	--	--	NSP
11/29/2007	--	--	--	--	--	--	--	--	NSP

Table 3. Summary of Fuel Additives Analytical Data
ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
V-4 Cont.									
3/28/2008	--	--	--	--	--	--	--	--	NSP
6/19/2008	--	--	--	--	--	--	--	--	NSP
9/18/2008	--	--	--	--	--	--	--	--	NSP
12/4/2008	--	--	--	--	--	--	--	--	NSP
3/2/2009	--	--	--	--	--	--	--	--	NSP
6/2/2009	--	--	--	--	--	--	--	--	NSP
9/11/2009	--	--	--	--	--	--	--	--	NSP

Symbols & Abbreviations:

-- = Not analyzed/sampled

< = Not detected at or above specified laboratory reporting limit

1,2-DCA = 1,2-Dichloroethane

DIPE = Diisopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

µg/L = Micrograms per liter

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

DRY = Well dry during gauging; not sampled

DUP = Duplicate sample

DF = Reporting limits elevated due to matrix interferences

INA = Well inaccessible

N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

NP = Well not purged prior to sampling

NS = Well not sampled

NSP = Well not sampled this event, in accordance with groundwater sampling schedule

SPH = Well not sampled due to the presence of separate-phase hydrocarbons

Notes:

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

Table 4. Summary of Groundwater Gradient - Direction and Magnitude

ARCO Service Station #6228, 2747 Pinole Valley Road, Pinole, CA

Date Measured	Approximate Gradient Direction	Approximate Gradient Magnitude (ft/ft)
8/8/2002	WNW	0.110
10/31/2002	NNW	0.062
2/18/2003	NW	0.100
5/22/2003	S	0.049
8/7/2003	SE	0.056
11/24/2003	SW	0.050
2/3/2004	W	0.057
5/6/2004	WSW	0.083
7/30/2004	SSE	0.048
11/11/2004	SW	0.120
2/21/2005	SW	0.200
6/2/2005	ESE	0.400
8/4/2005	ESE	0.800
11/23/2005	W	0.060
2/13/2006	W	0.030
5/16/2006	W and NW	0.016 to 0.060
9/5/2006	SSW	0.025
12/6/2006	SW	0.069
2/26/2007	SW	0.090
5/29/2007	SW	0.054
8/22/2007	W	0.025
11/29/2007	NE	0.031
3/28/2008	NE	0.120
6/19/2008	ENE	0.040
9/18/2008	NE	0.103
12/4/2008	NE	0.085
3/2/2009	NE	1.670
6/2/2009	NE and NW	0.064 to 0.067
9/11/2009	NE and W	0.182 to 0.250
3/26/2010	WNW	0.093
9/28/2010	NW	0.046
2/16/2011	NW to E	0.076 to 0.11
8/2/2011	N to ENE	0.05 to 0.07
2/9/2012	NW	0.05
8/29/2012	WNW	0.10
3/25/2013	WNW	0.13
8/29/2013	NW	0.08
2/26/2014	WNW	0.049

Notes:

The data within this table collected prior to October 2009 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

FIGURES

Figure 1. GRO Concentrations vs. Time
ARCO Station #6228
2747 Pinole Valley Road
Pinole, CA

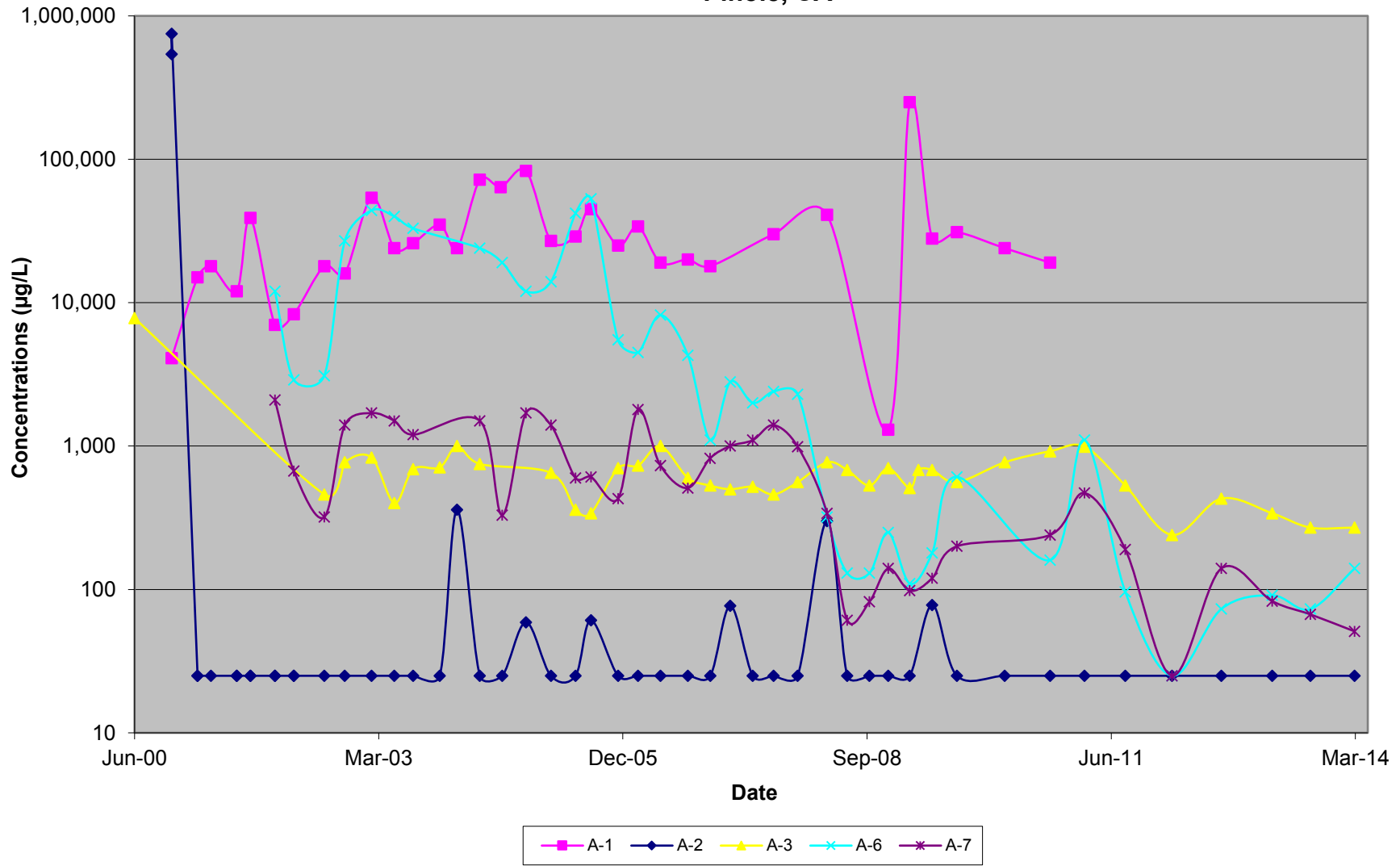


Figure 2. Benzene Concentrations vs. Time
ARCO Station #6228
2747 Pinole Valley Road
Pinole, CA

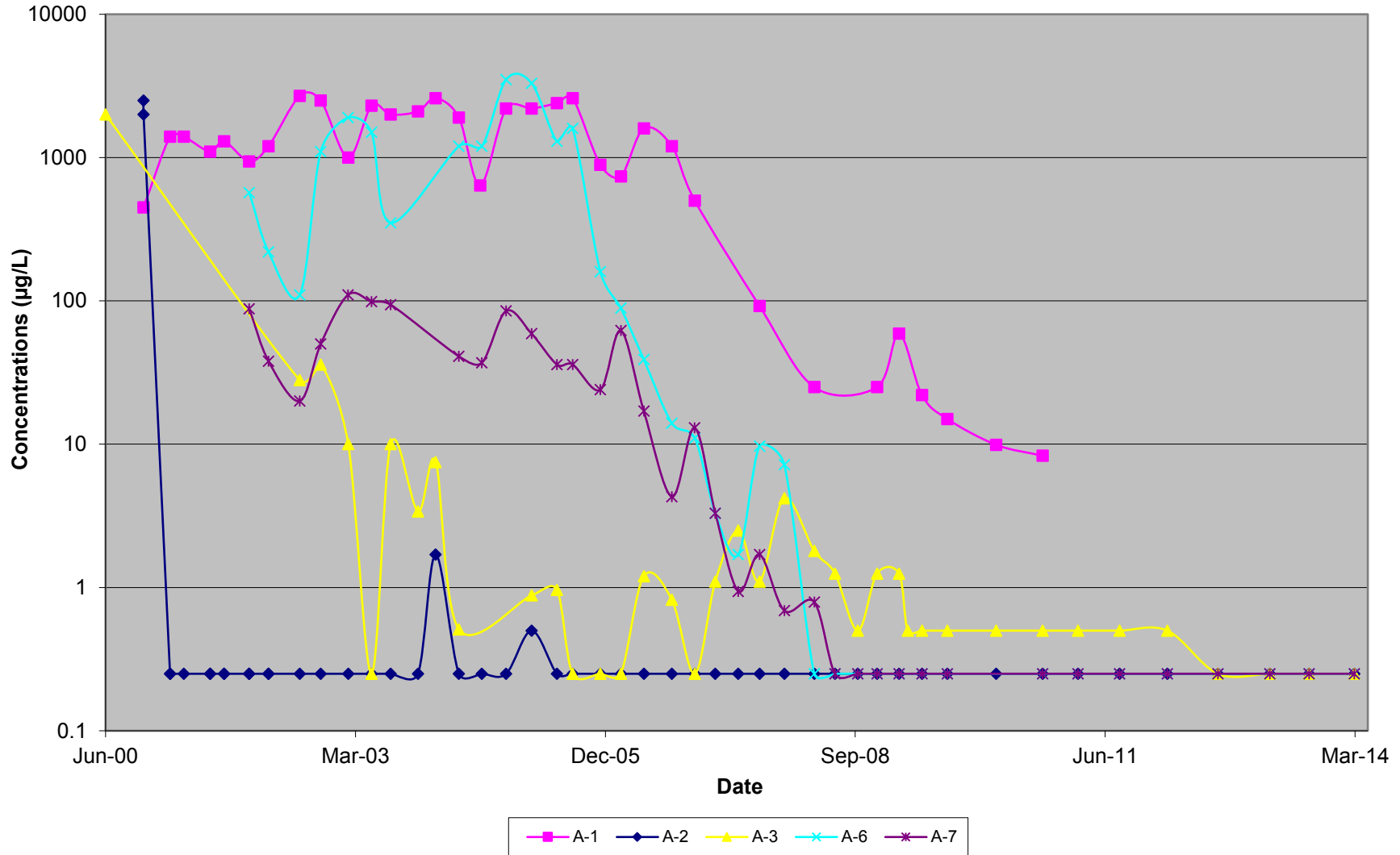
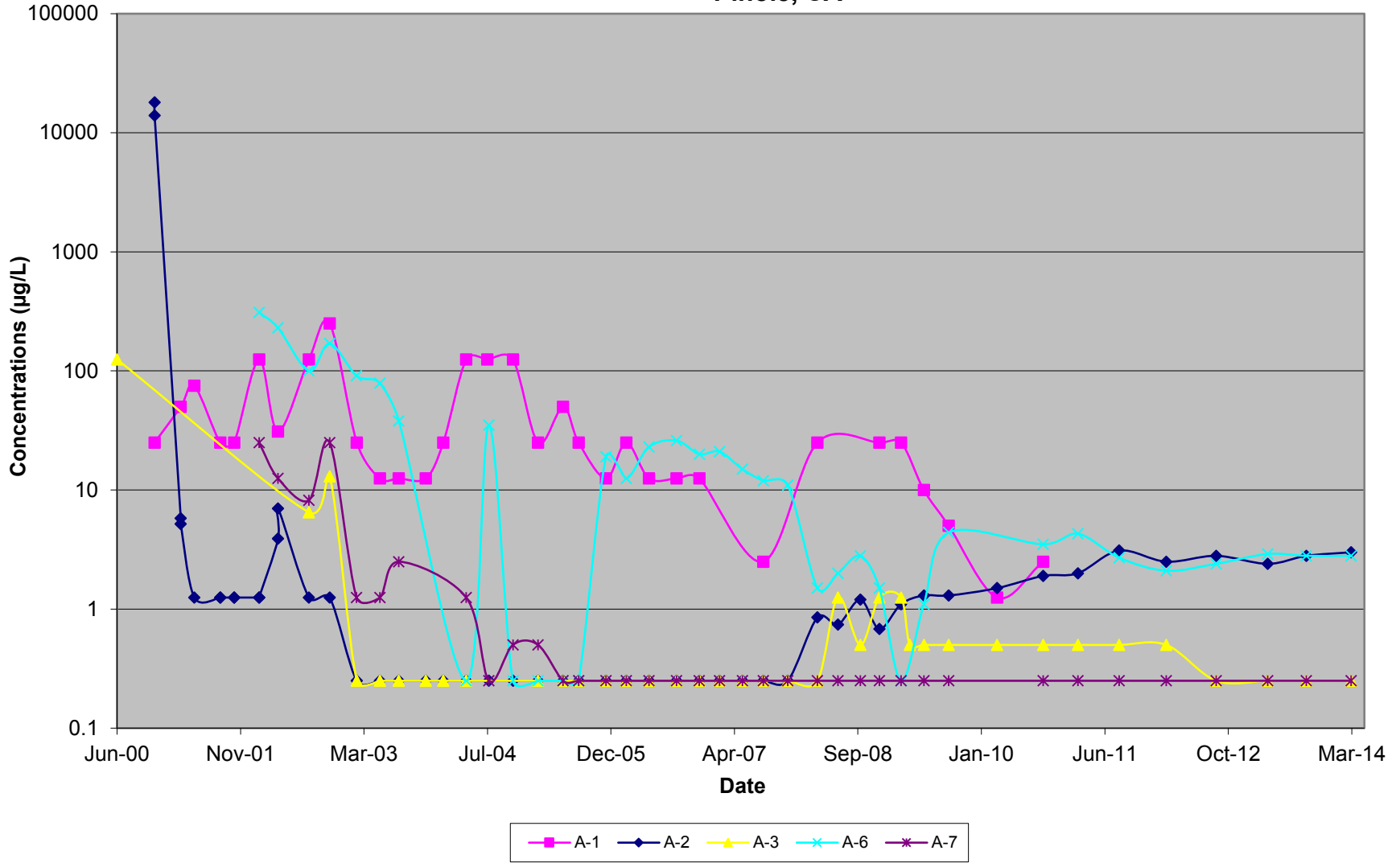


Figure 3. MTBE Concentrations vs. Time
ARCO Station #6228
2747 Pinole Valley Road
Pinole, CA



APPENDIX A

Historical Groundwater and Soil Data

Table 2
Water Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

ARCO Service Station 6228
2747 Pinole Valley Road
Pinole, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)
V-1	08/19/92	----- 3.93 feet of Separate-Phase Hydrocarbons -----				
	02/23/94	----- 0.20 foot of Separate-Phase Hydrocarbons -----				
V-2	08/19/92	----- Well Dry -----				
	02/23/94	----- Well Dry -----				
A-1	08/19/92	----- 0.03 foot of Separate-Phase Hydrocarbons -----				
	02/23/94	----- 0.90 foot of Separate-Phase Hydrocarbons -----				
A-2	08/19/92	7,900	370	1,200	78	2,000
	02/23/94	270	1.0	1.0	0.40	3.0
A-3	08/19/92	----- Well Dry -----				
	02/23/94	49,000	5,600	13,000	1,300	12,000
A-4	08/19/92	----- 0.04 foot of Separate-Phase Hydrocarbons -----				
	02/23/94	----- 0.13 foot of Separate-Phase Hydrocarbons -----				
ppb = Parts per billion						
ND = Not detected						
Detection limits noted on certified analytical reports.						

**Table 3
Separate-Phase Hydrocarbon Removal Data**

ARCO Service Station 6228
2747 Pinole Valley Road
Pinole, California

Well Number	Date Removed	SPH Thickness Before Removal (feet)	SPH Removed (gallons)	Purge Water Removed (gallons)	SPH and Purge Water Removed (gallons)
V-1	01/12/94	0.07	0.1	0.1	0.2
	01/26/94	0.01	0.1	0.1	0.2
A-1	01/12/94	0.40	0.2	0.1	0.3
	01/26/94	0.05	0.1	0.1	0.2
Total			0.5	0.4	0.9

Table 1
Soil Analytical Data
 Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
V-1	5 - 6-1/2	01/06/92	ND	ND	ND	ND	ND
	10 - 11-1/2		ND	ND	ND	ND	
	15 - 16-1/2		120	0.26	1.2	0.95	9.3
	20 - 21-1/2		180	ND	1.3	0.93	7.5
	25 - 26-1/2		120	0.53	1.9	0.96	11
	30 - 31-1/2		410	ND	3.5	2.4	19
	35 - 36-1/2		680	0.66	8.1	5.2	48
	40 - 41-1/2		130	1.1	4.9	2	16
	45 - 46-1/2		27,000	120	660	260	1,700
	50 - 51-1/2		470	1.6	8	2.8	23
	55 - 56-1/2		12,000	30	210	98	890
V-2	10 - 11-1/2	01/06/92	ND	ND	ND	ND	ND
	20 - 21-1/2		ND	0.0027	0.0044	ND	0.005
	30 - 31-1/2		45	ND	.070	ND	0.63
	40 - 41-1/2		1,300	2.1	6.9	9.0	55
	50 - 51-1/2		360	0.79	4.3	2.9	21
	60 - 61-1/2		620	1.5	14	5.6	48
	70 - 71-1/2		40	0.55	2.9	0.48	4
	80 - 81-1/2		390	1.2	8.2	2.6	24
	90 - 91-1/2		260	3.2	19	4	31
	100 - 101-1/2		3,200	20	130	32	290
	110 - 111-1/2		380	5.9	26	4.7	41
	120 - 121-1/2		74	0.7	4.3	0.85	7.2
	130 - 131-1/2		2,000	20	97	20	160
	140 - 141-1/2		4	0.15	0.24	0.032	0.28
145 - 146-1/2	1,000	4	35	9.8	88		
V-3	6-1/2 - 7	08/01/94	<1.0	<0.0050	0.036	<0.0050	0.02
	11-1/2 - 12		<1.0	<0.0050	0.045	<0.0050	0.014
	16-1/2 - 17		<1.0	<0.0050	0.024	<0.0050	0.0095
	21-1/2 - 22		<1.0	<0.0050	0.038	<0.0050	0.014
	26-1/2 - 27		1.5	0.0078	0.12	0.0099	0.14
	31-1/2 - 32		4.1	0.0084	0.094	0.019	0.094
	36-1/2 - 37		5.2	0.0094	0.11	0.01	0.087
	41-1/2 - 42		19	<0.0050	0.23	0.11	0.86
V-4	6-1/2 - 7	08/02/94	2,000	13	2.4	54	76
	11-1/2 - 12		<1.0	0.0059	0.065	0.0062	0.017
	16-1/2 - 17		<1.0	<0.0050	0.040	<0.0050	0.006
	21-1/2 - 22		<1.0	<0.0050	0.038	<0.0050	0.011
	26-1/2 - 27		<1.0	<0.0050	0.016	<0.0050	<0.0050

Table 1 (continued)
Soil Analytical Data
 Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
V-4 (cont.)	31-1/2 - 32		<1.0	<0.0050	<0.0050	<0.0050	<0.0050
	36-1/2 - 37		3.6	0.0097	0.077	0.011	0.054
	41-1/2 - 42		47	23	0.062	0.14	1.1
A-1	15	07/27/92	1.0	0.0074	ND	0.0098	0.015
	20		ND	ND	ND	ND	ND
	25		2.5	0.013	0.0089	0.022	0.030
	35		250	0.33	3.6	1.7	17
	45		97	0.35	3.5	1.3	13
	50		84	0.63	4.9	1.9	18
A-2	15	07/28/92	ND	ND	ND	ND	ND
	20		ND	ND	ND	ND	ND
	25		ND	ND	ND	ND	ND
	35		ND	ND	ND	ND	ND
	45		20*	0.028	ND	ND	0.049
	55		280	3.5	16	4.8	42
	60		990	7.5	40	13	110
A-3	10	07/28/92	ND	ND	ND	ND	ND
	15		32	0.065	0.19	0.44	2.5
	20		110	0.16	0.91	0.72	6.7
	25		230	0.42	3.9	2.8	28
	35		100	0.65	5.6	2.4	24
	45		170	1.8	15	3.7	34
	55		18	0.30	1.4	0.34	3.5
A-4	5	07/29/92	ND	ND	ND	ND	ND
	10		ND	ND	ND	ND	ND
	15		14	ND	0.034	ND	0.052
	20		260	0.45	0.94	1.4	12
	25		370	1.3	1.9	2.9	25
	35		150	0.84	3.4	2.7	21
	45		6,300	20	170	110	930
	55		550	1.7	13	6.5	59
A-5	11-1/2 - 12	08/03/94	<1.0	<0.0050	0.013	<0.0050	<0.0050
	21-1/2 - 22		300	0.48	0.64	2.1	4.8
	31-1/2 - 32		120	0.36	2.1	1.8	15
	41-1/2 - 42		170	0.85	4.3	2.3	18
	51-1/2 - 52		460	3.4	11	5	43
	56-1/2 - 57		930	7.8	27	11	91

Table 1 (continued)
Soil Analytical Data
 Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)
A-5 (cont.)	61-1/2 - 62	08/08/94	40	0.62	3.2	0.7	6.8
	71-1/2 - 72		12	0.47	1.4	0.21	1.9
81-1/2 - 82	41		0.8	3.9	0.66	5	
91-1/2 - 92	13		0.38	1.5	0.28	2.6	
101-1/2 - 102	50		1.1	4.9	0.79	7.5	
111-1/2 - 112	450		6.2	41	8.8	75	
121-1/2 - 122	260		3.6	19	4.2	35	
131-1/2 - 132	170		2.8	15	2.8	22	
141-1/2 - 142	200		4.4	23	4.2	33	
151-1/2 - 152	430		6.5	35	7.1	56	
161-1/2 - 162	380		4.2	34	8.8	73	
171-1/2 - 172	120		1.1	8.4	1.9	16	
181-1/2 - 182			08/09/94	4,700	48	370	75
191-1/2 - 192	190	2.3		13	2.4	22	
201-1/2 - 202	110	3.1		12	2.7	18	
211-1/2 - 212	920	6.8		72	17	150	
221-1/2 - 222	2,100	24		150	29	270	
231-1/2 - 232	3,300	34		210	42	380	
241-1/2 - 242	1,200	12		89	17	160	
251-1/2 - 252	1,400	17		99	17	170	
261-1/2 - 262	1,500	15		110	19	190	
271-1/2 - 272	200	5.1		27	3.7	33	
281-1/2 - 282		08/10/94	220	4.5	22	3.5	34
291-1/2 - 292	62		2.8	10	1.6	11	
301-1/2 - 302	41		2.1	6	0.94	6.6	
311-1/2 - 312	76		3.2	12	1.9	13	
321-1/2 - 322		08/11/94	140	3.1	15	1.7	18
331-1/2 - 332	270		2.4	16	2.9	30	
341-1/2 - 342	72		2.2	8.5	0.89	8.9	
351-1/2 - 352	190		5.2	23	2.4	25	
361-1/2 - 362	120		3.6	15	1.6	17	
371-1/2 - 372	46		1.2	5.5	0.69	7	
381-1/2 - 382	52		2.1	8	1	9.4	
391-1/2 - 392	140		1.6	9.3	1.7	17	
401-1/2 - 402	60		2.2	9.1	1.1	11	
411-1/2 - 412	74		2.1	8.9	1	10	

ppm = Parts per million
 ND = Not detected
 * Atypical chromatograph pattern; see certified analytical reports.
 Detection limits noted on certified analytical reports.

**Table 1
Analytical Soil Sampling Results**

December 19, 2001

**ARCO Service Station No. 6228
2747 Pinole Valley Road, Pinole, California**

Sample ID	Sample Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)
A-6@11.5'	11.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.060
A-6@26'	26.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-6@36'	36.0	1.2	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-6@41'	41.0	240	<1.0	5.1	3.2	23	<10
A-6@46'	46.0	690	0.90	20	9.3	76	<5.0
A-6@51.5'	51.5	1,900	5.1	73	27	220	<10
A-7@11	11.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-7@26	26.0	2.1	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-7@30.5	30.5	2.3	<0.010	<0.010	<0.010	0.018	<0.10
A-7@40.5	40.5	8.7	<0.025	<0.025	<0.025	<0.025	<0.25
A-7@46	46.0	660	<1.0	<1.0	<1.0	<1.0	<10
A-7@51	51.0	50	0.14	<0.012	0.11	0.56	<0.12

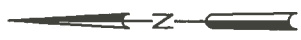
Notes

fbg = feet below grade

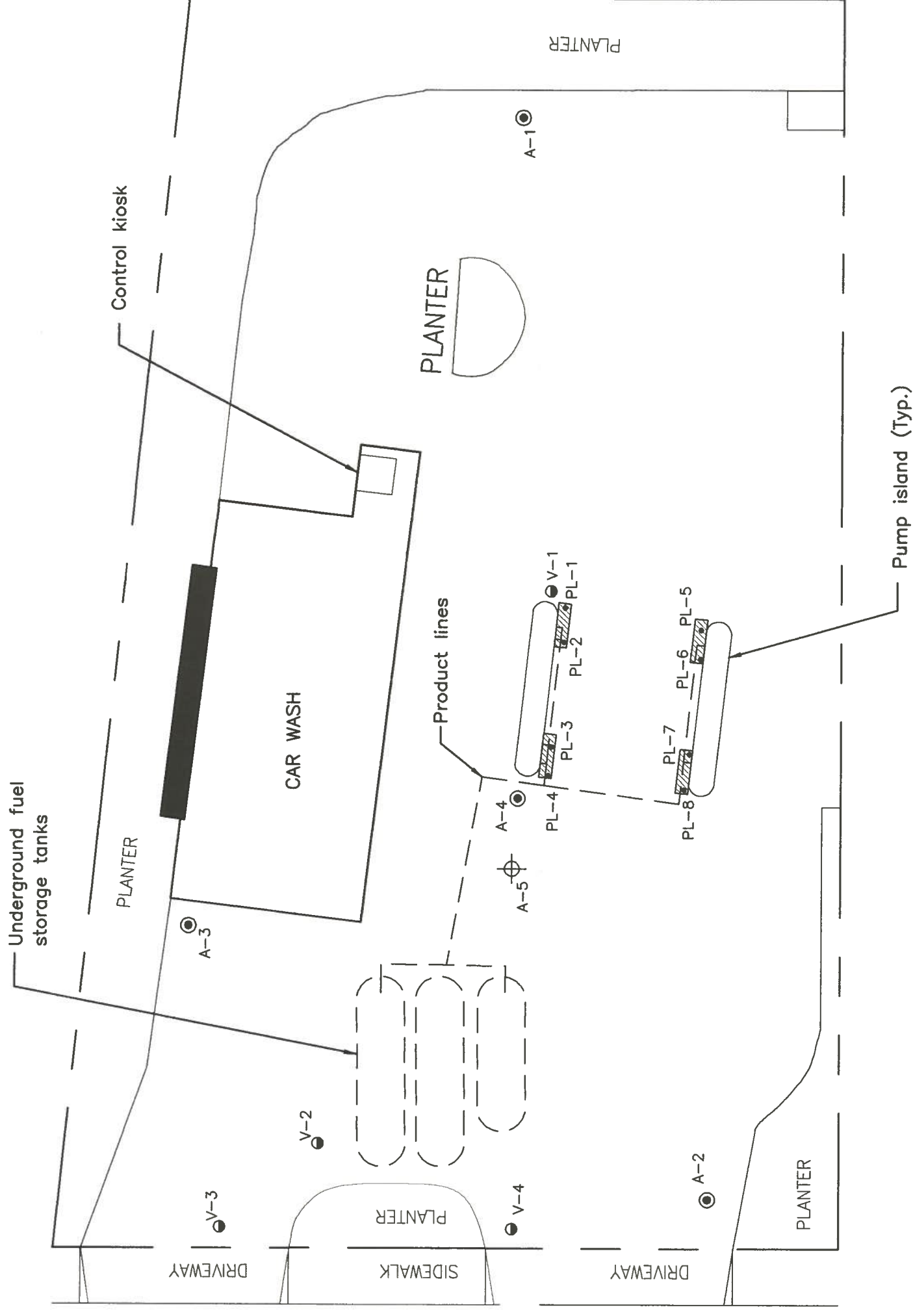
mg/kg = milligrams per kilogram

TPHg = total petroluem hydrocarbons as gasoline

MTBE 8020 = methyl tert butyl ether by EPA Method 8020



PINOLE VALLEY ROAD



EXPLANATION

- Shallow monitoring well
- ⊕ Deep monitoring well
- Vadose monitoring well
- Soil sample location
- ▨ Excavation



DATE	DEC. 1998
DWN	KLT
APP	
REV	
PROJECT NO.	20805-202.001

FIGURE 1
 ARCO PRODUCTS COMPANY
 SERVICE STATION 6228, 2747 PINOLE VALLEY RD.
 PINOLE, CALIFORNIA
SITE PLAN

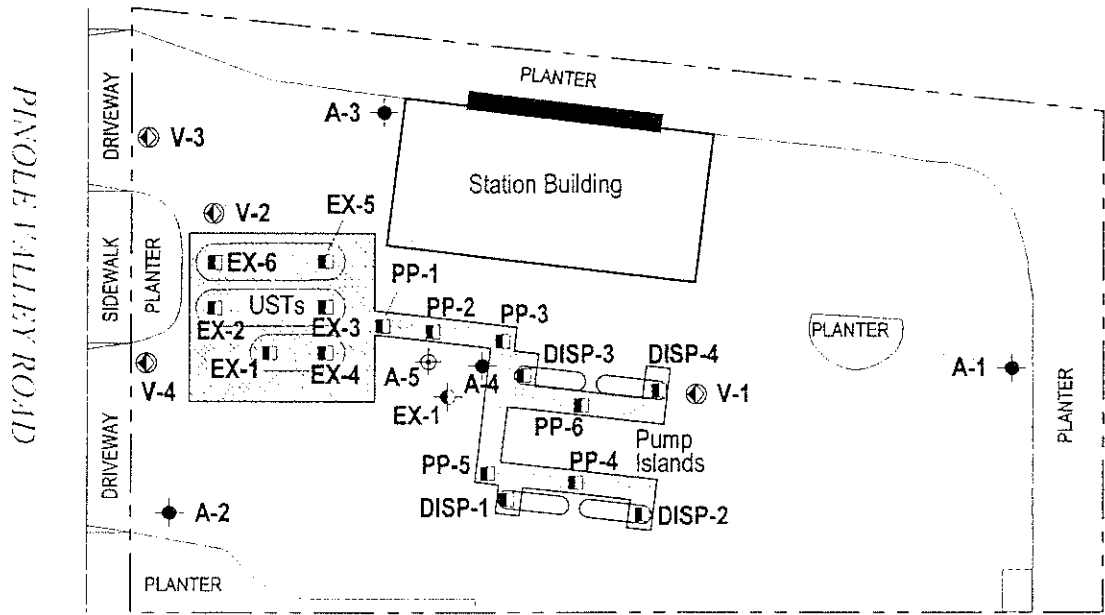


1" = 50 Feet
 0" = 0 Feet
 1/2" = 25 Feet
 IMAGE Files: <No Images>
 XREF Files: <No Xrefs>
 SAN/OSI/CADD: N:\DWG\PINACL\6228\6228SP.DWG Mon, 11/Jan/99 01:00pm kblack

Table 1

Summary of Soil Sample Analyses
 ARCO 6228, 2747 Pinole Valley Road, Pinole, California

Sample	Date Sampled	TPH Gasoline	BTEX Distinction				MTBE
			Benzene	Toluene	Ethylbenzene	Xylenes	
<i>Samples Collected beneath Product Line</i>							
PL-2	12/11/98	25	<0.012	0.042	0.084	0.27	0.14
PL-3	12/11/98	1,800	<1.2	<1.2	20	38	<12
PL-6	12/11/98	<2.5	<0.012	<0.012	<0.012	<0.012	4.1
PL-7	12/11/98	6,000	<2.5	7.1	22	420	<25
<i>Sample Collected From Soil Stockpile</i>							
SP-1	12/11/98	12,000	93	1,100	260	1,400	<50
FOOTNOTES							
All concentrations reported in milligrams per kilogram (mg/kg)							
All samples collected from approximately 2.5 to 3 feet below ground surface							
TPH Gasoline = Total Petroleum Hydrocarbons as Gasoline analyzed by USEPA Method 8015 Modified							
BTEX Distinction analyses by EPA Method 8020							
MTBE = Methyl tertiary butyl ether, Analyzed by EPA Method 8020							



EXPLANATION

- A-1 ● Shallow monitoring well
- EX-1 ● Extraction well
- MW-1 ⊕ Deep monitoring well
- V-1 ⊕ Vadose monitoring well
- EX-1 ■ Soil sample location
- ▨ Excavation area

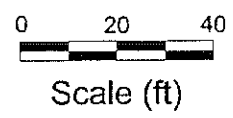


FIGURE
3

H:\ARCO\6228\FIGURE\EXCAVATION.DWG

ARCO Service Station 6228
 2747 Pinole Valley Road
 Pinole, California



C A M B R I A

**Excavation Area and
 Soil Sample Locations**

Table 1
UST Removal Compliance Sampling Results

November 29, 2000

ARCO Service Station 6228
2747 Pinole Valley Road, Pinole, California

Sample ID	Depth Sampled (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)
EX-1	15	4.78	<0.00500	0.00920	<0.00500	0.0544	2.39
EX-2	15	1.25	<0.00500	0.00620	<0.00500	0.0124	0.311
EX-3	15	3.78	<0.00500	0.0116	<0.00500	0.0812	0.961
EX-4	15	1.32	<0.00500	0.0342	0.00596	0.0212	0.928
EX-5	15	<1.00	<0.00500	0.0106	0.00934	0.0431	0.0903
EX-6	15	3.00	0.0603	0.0285	0.162	0.0111	0.707
Disp-1	4.5	2.41	<0.00500	0.0718	0.0356	0.307	<0.0250
Disp-2	5	1.73	<0.00500	0.00958	<0.00500	0.00794	0.0259
Disp-3	5	7.89	<0.00500	0.00510	0.0186	0.0363	0.179
Disp-4	5	1.08	<0.00500	0.00670	<0.00500	0.0113	<0.0250
PP-1	5	35.6	<0.0100	1.13	0.101	0.305	1.19
PP-2	5	6.67	0.00564	0.0542	0.108	0.336	0.119
PP-3	5	<1.00	<0.00500	<0.00500	<0.00500	0.00964	<0.0250
PP-4	5	<1.00	<0.00500	0.00566	<0.00500	0.0133	<0.0250
PP-5	5	19.5	0.00802	0.185	0.120	1.50	0.0630
PP-6	5	<1.00	<0.00500	0.00538	<0.00500	0.00740	<0.0250

Notes

fbg = feet below grade

mg/kg = milligrams per kilogram

TPHg = total petroluem hydrocarbons as gasoline

TPHd = total petroluem hydrocarbons as diesel

MTBE = methyl tert butyl ether

APPENDIX B

**Well Construction Table, Soil Boring/Well Construction Logs,
and Geologic Cross-Sections**

TABLE 1
WELL CONSTRUCTION DETAILS
 ARCO Service Station #6228
 2747 Pinole Valley Road, Pinole, California

Well Number	Casing Diameter (inches)	Total Depth (ft bgs)	Screened Interval (ft bgs)	Lithology Adjacent to Screened Interval	Lithology Depth (ft bgs)
A-1	3	50	20-50	Claystone (CS) Siltstone (MS) Claystone (CS) Sandstone (SS) Claystone (CS)	20-40.5 40.5-41.5 41.5-47 47-48 48-50
A-2	3	55	20-55	Clay (CL) Claystone (CS) Siltstone (MS) Claystone (CS)	20-23 23-51 51-53 53-55
A-3	3	55	20-55	Claystone (CS)	20-55
A-4	3	55	20-55	Claystone (CS) Sandstone (SS) Claystone (CS)	20-42 42-51 51-55
A-5	3	263	203-263	Siltstone (MS)	203-263
A-6	2	50	30-50	Clayey Siltstone (ML)	30-50
A-7	2	50	30-50	Silty Sand (SM) Sandy Siltstone (MS)	30-38 38-50
V-1	4	55	30-55	Claystone (CS) Clay (CL) Silty Sandstone (SS) Claystone (CS)	30-40.5 40.5-42 42-50 50-55
V-2	2	145	95-145	Silty Claystone (CS) Clay (CL) Clayey Siltstone (ML) Silty Claystone (CS)	95-110 110-123 123-132 132-145
V-3	3	43	23-43	Claystone (CS)	23-43
V-4	3	43.5	23-43.5	Claystone (CS) Mudstone (MS)	23-39 39-43.5
EX-1	6	8.2	3.2-8.2	NA	

ft bgs = feet below ground surface

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

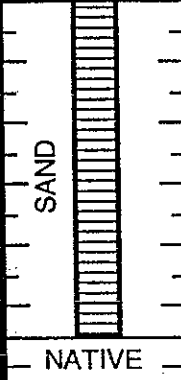


WELL NO. V-1

PAGE 2 OF 2

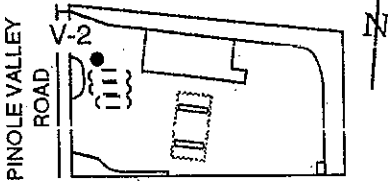
See Page One

PROJECT NO. 330-75.02
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT:
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dry	105	>50	46			SS	SILTY SANDSTONE: continued.
	Dry	370	>50	50			CS	CLAYSTONE: light gray; low friability; high plasticity; waxy; very faint product odor.
	Dry	285	>50	56				@55': as above; moderate friability; moderate plasticity; moderate hardness; faint product odor.
				58				BOTTOM OF BORING AT 56 1/2'
				60				
				62				
				64				
				66				
				68				
				70				
				72				
				74				
				76				
				78				
				80				
				82				
				84				
				86				
				88				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. V-2

PAGE 1 OF 4

PROJECT NO. 330-75.02
 LOGGED BY: TG
 DRILLER: WHM
 DRILLING METHOD: HSA
 SAMPLING METHOD: CAL MOD
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.020"
 GRAVEL PACK: 2/16 SAND

CLIENT: ARCO
 DATE DRILLED: 1-6-92
 LOCATION: 2747 Pinole Valley Road
 HOLE DIAMETER: 8"
 HOLE DEPTH: 146 1/2"
 WELL DIAMETER: 2"
 WELL DEPTH: 145"
 CASING STICKUP: NA

NORTHING EASTING ELEVATION

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
CEMENT				2			CL	ASPHALT-FILL SANDY CLAY: yellowish gray; low plasticity; 30-40% fine grained sand; stiff; no product odor.
				4				
		Dry	8	14	6			
					8			
		Dry	0	50	10		ML	CLAYEY SILT: yellowish brown; moderate plasticity; hard; no product odor.
					12			
		Dry	0	>50	16		CH	CLAY: dark greenish gray; high plasticity; hard; no product odor.
					18			
		Dry	58	>50	20			@20': hard; no product odor.
					22			
		Dry	20	.50	26		CL-CS	CLAY TO CLAYSTONE: dark gray; high plasticity; moderately friable; waxy; hard; no product odor.
					28			
		Dry	45	>50	30		CS	SANDY CLAYSTONE: gray; low plasticity; very fine grained sand; very friable; very dry; hard; faint product odor.
					32			
	Dry	200	>50	36			@35': dark gray; low plasticity; moderately to very friable; foliated; hard; faint product odor.	
				38				
	Dry	240	>50	40			@40': sandy; gray; low plasticity; very fine grained sand; very friable; very dry; hard; faint product odor.	
				42				
				44				

See Page One

PROJECT NO. 330-75.02
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT:
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
CEMENT	Dry	140	>50	46			CS	SANDY CLAYSTONE: continued; hard; faint product odor.
				48				
				50			MS	CLAYEY SILTSTONE: greenish gray; low plasticity; trace fine grained sand; hard; faint product odor.
				52				
				54				
				56				@55': hard; faint product odor.
				58				
				60				@60': hard; faint product odor.
				62				
				64				
				66			CS	SILTY CLAYSTONE: gray; moderate to low plasticity; moderately consolidated; waxy; hard; faint product odor.
				68				
			70				@69': as above; low plasticity; non-waxy; faint product odor.	
			72					
			74					
			76				@75': as above; low plasticity; conchoidal habit; very friable; hard; faint to moderate product odor.	
			78					
			80				@80': dark gray; low to moderate plasticity; moderately to very friable; conchoidal habit; massive; hard; faint to moderate product odor.	
			82					
			84					
			86				@85': silty; greenish gray; low plasticity; low friability; massive; poor to moderate consolidation; hard; faint to moderate product odor.	
			88					

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. V-2

PAGE 3 OF 4

See Page One

PROJECT NO. 330-75.02
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT:
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dry	175	>50	90			CS	SILTY CLAYSTONE: continued; moderately laminated; hard; moderate to strong product odor.
				92				
				94				
	Dry	120	>50	96				@95': caliche; hard; moderate to strong product odor.
				98				
	Dry	130	>50	100				@100': dark gray; low to moderate plasticity; conchoidal habit; glassy; hard; moderate product odor.
				102				
				104				
	Dry	NS	NS	106				@105': not sampled
				108				
	Dry	330	>50	110			CS-CL	SILTY CLAYSTONE TO SILTY CLAY: greenish gray; low plasticity; blocky; trace fine grained sand; hard; moderate product odor.
				112				
	Dry	290	>50	116				@115': as above; hard; moderate product odor.
			118					
Dry	380	>50	120				@120': laminations; shell fragments; hard; moderate product odor.	
			122					
Dry	409	>50	126			MS	CLAYEY SILTSTONE: greenish gray; moderate plasticity; weakly cemented; vertical clay fissures; dry; moderately friable; moderately hard; moderate product odor.	
			128					
Dry	398	>50	130				SILTY CLAYSTONE: dark gray; no plasticity; moderately friable; moderately cemented; very fractured; very hard; dry; moderate product odor.	
			132			CS		

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.



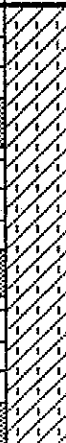
WELL NO. V-2

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See Page One

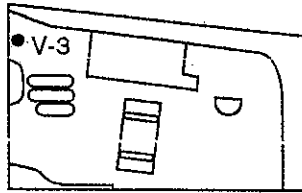
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 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT:
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
 	Dry	344	>50	134			CS	<p>SILTY CLAYSTONE: continued; dark greenish gray; no plasticity; very friable; moderate hardness; very fractured; mild conchoidal habit; dry; moderate product odor.</p> <p>@140': dark greenish gray; very fractured; low friability; blocky habit; massive; very hard; faint to moderate product odor.</p> <p>@145': as above; moderate to very fractured; low friability; hard to very hard; moderate product odor.</p> <p>BOTTOM OF BORING AT 146 1/2'</p>
	Dry	186	>50	136				
	Dry	250	>50	140				
				142				
				144				
				146				
				148				
				150				
				152				
				154				
				156				
				158				
				160				
				162				
				164				
				166				
				168				
				170				
				172				
				174				
				176				

LOCATION MAP

Pinole Valley Road



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. V-3

PAGE 1 OF 1

PROJECT NO. 330-075.1B
 LOGGED BY: MOTO
 DRILLER: ALL TERRAIN
 DRILLING METHOD: AIR ROTARY
 SAMPLING METHOD: CALMOD
 CASING TYPE: SCH 40 PVC
 SLOT SIZE: 0.040"
 GRAVEL PACK: Medium Aquarium

CLIENT: ARCO
 DATE DRILLED: 8-1-94
 LOCATION: 2747 Pinole Valley Rd.
 HOLE DIAMETER: 8"
 HOLE DEPTH: 44'
 WELL DIAMETER: 3"
 WELL DEPTH: 43'
 CASING STICKUP: NA

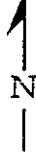
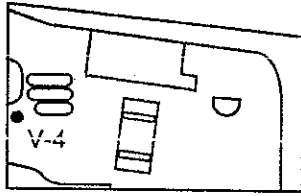
NORTHING EASTING ELEVATION

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			CL	ASPHALT, BASEROCK
				4			CL- CS	CLAY: light olive gray; moderate plasticity; 85% clay; 10% fine sand; trace fine gravel; no product odor.
	Dp	0		6				CLAY to CLAYSTONE: light olive gray; poorly indurated; iron oxide and manganese oxide staining along fractures; no product odor.
				8				
	Dp	0		10			CS	CLAYSTONE: dark bluish gray; occasional iron oxide staining along fractures; waxy luster on fracture surfaces; no product odor.
				12				
	Dp	0		16				@15': moderately indurated; no product odor.
				18				
	Dp	0		20				@18': olive to grayish green; moderately to well indurated; waxy luster on fracture surfaces; trace iron oxide and manganese oxide staining along fractures; trace hard white sandstone clasts to 1/2" diameter; no product odor.
				22				
	Dp	0		26				@25': olive to dark bluish gray; moderately indurated; waxy luster on fracture surfaces; trace iron oxide staining along fracture; no product odor.
				28				
	Dp	22		30				@31': dark bluish gray; moderately to well indurated; heavily sheared; no product odor.
				32				@32': cervinplanar fracture surfaces; no product odor.
				34				
	Dp	32		36				@35': subhorizontal fractures; no product odor.
				38				
	Dp	48		40				@40': subhorizontal fractures; no product odor.
				42				
				44				

BOTTOM OF BORING AT 44'

LOCATION MAP

Pinole Valley Road



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. V-4
PAGE 1 OF 1

PROJECT NO. 330-075.1B
 LOGGED BY: MOTO
 DRILLER: ALL TERRAIN
 DRILLING METHOD: AIR ROTARY
 SAMPLING METHOD: CALMOD
 CASING TYPE: SCH 40 PVC
 SLOT SIZE: 0.040"
 GRAVEL PACK: Medium Aquarium

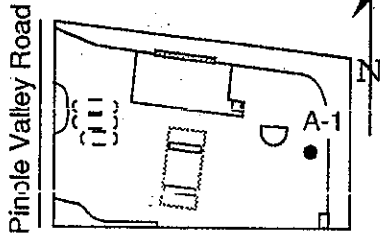
CLIENT: ARCO
 DATE DRILLED: 8-2-94
 LOCATION: 2747 Pinole Valley Rd.
 HOLE DIAMETER: 8"
 HOLE DEPTH: 44'
 WELL DIAMETER: 3"
 WELL DEPTH: 43.5'
 CASING STICKUP: NA

NORTHING EASTING ELEVATION

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
GROUT	Dp	991		2			CL	ASPHALT, BASEROCK	
				4					
				6					@5': strong product odor.
				8					
				10					@10': light olive brown; low to moderate plasticity; 60% clay; 35% fine sand; trace coarse sand; trace blue gray mottling; strong product odor.
				12					
				14					
				16					@16': light yellowish brown; sheared; poorly indurated; iron oxide staining along fractures; waxy luster on fractures; no product odor.
				18					
				20					CS CLAYSTONE: olive; poorly indurated; sheared; blocky structures to 1" diameter; no product odor.
				22					@21': white, powdered and glassy in sheared zone; trace iron oxide staining along thin closed fractures.
				24					@22': laminated with light gray sandstone; no product odor.
SAND	Dp	186		26				@ 26': sheared; waxy; no blocky structures, subhorizontal partings with iron oxide stained surfaces; no product odor.	
				28					
				30				@30': dark bluish gray; moderately indurated; waxy luster along fractures; open fractures approximately 1/8"; no product odor.	
				34					
				36					@35': dark bluish gray; poorly to moderately indurated; blocky structure gives way to sheared, fractured structure with depth; waxy luster; no product odor.
				38					
				40					
				42					MS-CS MUDSTONE to CLAYSTONE: dark bluish gray; poorly indurated; massive.
				44					

BOTTOM OF BORING AT 44'

LOCATION MAP



NORTHING EASTING ELEVATION

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-1
PAGE 1 OF 2

PROJECT NO. 330-75.02
LOGGED BY: T.R.
DRILLER: BAYLAND
DRILLING METHOD: HSA
SAMPLING METHOD: Continuous Core
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 2/12 SAND

CLIENT: ARCO
DATE DRILLED: 7-27-92 to 7-31-92
LOCATION: 2747 Pinole Valley Rd.
HOLE DIAMETER: 10"
HOLE DEPTH: 63'
WELL DIAMETER: 3"
WELL DEPTH: 50'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dry			2		CH	MS	FILL: asphalt, baserock.
	Mst			4				CLAY: pale blue green; high plasticity; homogeneous; no product odor.
	Dp			6				SILTSTONE: gray green; weakly to moderately indurated; subhorizontal parting; abundant iron oxide and manganese staining; liesegang banding; heavily fractured; fracture spacing ≈ 1/3-1/2"; open fractures; friable to non friable; no product odor.
	Dry			10				
	Dry			12		CS		CLAYSTONE: olive green; weakly indurated; sheared; subconchoidal parting producing shiny serpentine surfaces; fracture spacing ≈ 1/8 - 1/4"; open fractures; no product odor.
	Dry			14				
	Dp			16		MS		SILTSTONE: white to gray; weakly to moderately indurated; friable to non friable; massive; fracture spacing ≈ 1"; closed, unlined fractures; no product odor.
	Mst			18		CS		CLAYSTONE to SILTSTONE: olive green; weakly indurated; heavily sheared producing spheroidal blebs of identical composition to matrix, 1/2" - 2 1/2" diameter; fracture spacing ~ 1/8 - 1/4"; faint product odor at 23'.
	Dp-Mst			20				@24': moist along fractures; fracture spacing ~ 1/5 - 1/2"; spheroidal blebs abundant; faint product odor.
	Dp-Mst			22				
	Dp-Mst			24				
	Dp-Mst			26				
	Dp-Mst			28				
	Dp-Mst			30				@29': throughgoing fractures at 33 1/2"; curvoplanar fracture surfaces; moisture not centered around fracture surfaces; no to faint product odor.
	Dp-Mst			32				
	Dp			34				@34': throughgoing fractures dipping ~45°; major fractures controlled by increasing silt content; faint product odor.
	Dp			36				
	Dp			38				
	Dp			40		MS		SILTSTONE: throughgoing subhorizontal fractures at 42'; faint product odor.
	Dp			42		CS		CLAYSTONE: better indurated; obvious shearing with fractures spacing ~ 1/8 - 1/4"; spheroidal blebs to 1 1/2"; faint product odor.
	Dp			44				

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-1

PAGE 2 OF 2

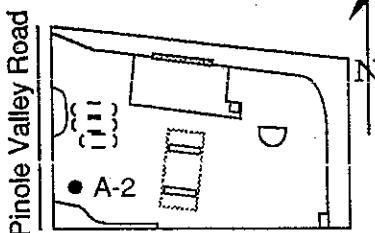
See Page One

PROJECT NO. 330-75.02
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT:
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
<p>BENTONITE</p>	Dp			46			CS	CLAYSTONE: fracture spacing ~1/8 - 1/4"; spheroidal blebs to 1 1/2"; faint product odor.	
	Mst			48			SS	SANDSTONE: gray to white; fine grained; massive; poorly indurated; moderate product odor.	
	Dp			50			CS	CLAYSTONE: olive green; moderately to well indurated; obvious shearing as at 41 1/2'; fracture spacing ~ 1/8-1/10"; fractures yield tabular fragments of claystone; friable; faint product odor.	
	Dp			52			CS		
	Dp			54			SS	SANDSTONE: gray to white; fine grained; massive; poorly indurated; very friable; moderate product odor.	
					56				BOTTOM OF BORING AT 54'
					58				
					60				
					62				
					64				
					66				
					68				
					70				
					72				
					74				
				76					
				78					
				80					
				82					
				84					
				86					
				88					

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-2
PAGE 1 OF 2

PROJECT NO. 330-75.02
 LOGGED BY: T.R.
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Continuous Core
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.020"
 GRAVEL PACK: 2/12 SAND

CLIENT: ARCO
 DATE DRILLED: 7-28-92 to 7-30-92
 LOCATION: 2747 Pinole Valley Rd.
 HOLE DIAMETER: 10"
 HOLE DEPTH: 63'
 WELL DIAMETER: 3"
 WELL DEPTH: 55'
 CASING STICKUP: NA

NORTHING EASTING ELEVATION

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst			2			CL	FILL: asphalt, baserock.
	Mst			4				CLAY: blue green to black; low plasticity; 20-30% silt; trace fine sand; no product odor.
	Mst			6				@3': lacking sand.
	Mst			8				@5-5 1/2': 10-20% caliche nodules to 1/4" diameter; sand absent; no product odor.
	V. Mst			10				@10': color change to greenish brown; faint product odor.
	V. Mst			12				@11-13': throughgoing parallel fractures; fracture spacing = 4-6"; no product odor.
	Mst			14				@13-16': lacking cracks; trace caliche nodules to 1/4" diameter; iron oxide staining; no product odor.
	V. Mst			16			SP	SAND: pale green; <5% silt; well sorted fine sand; no product odor.
	Dp-Mst			18			CL	CLAY: pale greenish brown; low plasticity; blocky structures to 1/2" diameter; iron oxide and manganese staining; no product odor.
	Mst			20				
	Mst			22				
	Dp-Mst			24			CS	CLAYSTONE: pale greenish brown; poorly indurated; iron oxide staining; blocky structures to 1" diameter; fractured along structural surfaces; fracture spacing ≈ 1/2 - 1"; closed, unlined fractures at random orientations; no product odor.
	Dp-Mst			26				
	Dp-Mst			28				@28': blocky structure giving way to subhorizontal fractures at spacings of 1-3 per inch; iron oxide staining; no product odor.
	Dry-Dp			30				@30': lacking iron oxide staining; better indurated; sub-conchoidal parting and waxy luster; no product odor.
	Dry-Dp			32				
	Dry-Dp			34				
	Dry			36			MS	SILTSTONE: gray; subhorizontal parting yielding tabular chips ~1/4-1/2" thick.
	Dry			38			CS	CLAYSTONE: color change to medium brown; no product odor.
	Dry			40				@38': gray; throughgoing fractures at 40, 41-1/2'; fractures are zones of sheared clay; lacking orientation; waxy to subvitreous luster.
	Dry			42				
	Dry			44				@44-45': brecciated (powdered)

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-2

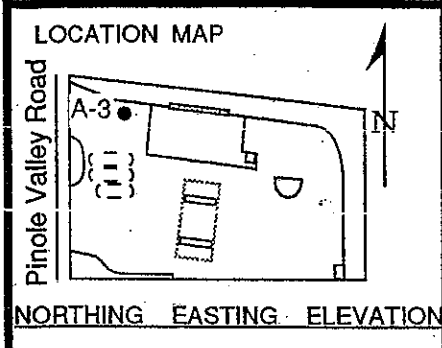
PAGE 2 OF 2

See Page One

PROJECT NO. 330-75.02
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT:
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE</p>	Dry			46			CS	<p>CLAYSTONE: gray to pale blue green; moderately indurated; waxy luster; appears sheared; throughgoing fractures at 46-47'; fractures are smooth; waxy curvoplanar structures dipping ~ 45°; fractures show ~ 1/4-1/2" offset; faint product odor.</p> <p>@51': vertical contact between claystone and silstone.</p> <p>SILTSTONE: gray; poorly indurated; very friable; massive; very dry; faint product odor.</p> <p>@52': weakly sheared to non-sheared; silty; faint to moderate product odor.</p> <p>CLAYSTONE: as described at 45'; waxy luster and sheared appearance from 53-58'; throughgoing fracture zones at 56-57'; faint to moderate product odor.</p> <p>@58': weakly sheared to non-sheared; silty faint to moderate product odor.</p> <p>SANDSTONE: pale gray green; well sorted fine sand with 15-25% silt; friable; faint to moderate product odor.</p> <p>CLAYSTONE: faint to moderate product odor.</p> <p>BOTTOM OF BORING AT 63'</p>
	Dry			48				
	Dry			50				
	Dry			52			MS	
	Dry			54			CS	
	Dry			56				
	Dry			58				
	Dry-Dp			60				
	Dry-Dp			62			SS CS	
	Dry-Dp			64				
	Dry-Dp			66				
	Dry-Dp			68				
	Dry-Dp			70				
	Dry-Dp			72				
	Dry-Dp			74				
Dry-Dp			76					
Dry-Dp			78					
Dry-Dp			80					
Dry-Dp			82					
Dry-Dp			84					
Dry-Dp			86					
Dry-Dp			88					



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-3
PAGE 1 OF 2

PROJECT NO. 330-75.02
 LOGGED BY: T.R.
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Continuous Core
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.020"
 GRAVEL PACK: 2/12 SAND

CLIENT: ARCO
 DATE DRILLED: 7-28-92
 LOCATION: 2747 Pinole Valley Rd.
 HOLE DIAMETER: 8"
 HOLE DEPTH: 59'
 WELL DIAMETER: 3"
 WELL DEPTH: 55'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			CL- CS	FILL: asphalt, baserock.
	Dry-Dp			4				CLAY to CLAYSTONE: pale greenish brown; poorly to moderately indurated; iron oxide and manganese staining; horizontal parting; fracture spacing $\approx 1/3 - 1/2"$ no product odor.
	Dry-Dp			6				
	Mst			8				
	Dry-Dp			10			SM CS	SILTY SAND: gray to white; fine sand; 15-25% silt; well sorted; poorly indurated; very friable; faint product odor.
	Dry-Dp			12				CLAYSTONE: dark gray green; subhorizontal parting; fracture spacing $\approx 1/3 - 1/2"$; moderately to well indurated; silty; no to faint product odor.
	Dry-Dp			14			CS/ SS CS	CLAYSTONE, SANDSTONE INTERBEDDED: claystone: as above; sandstone: gray white; very friable; poorly indurated; fine sand with 15-25% silt; faint to moderate product odor.
	Dry-Dp			16				
				18				CLAYSTONE: olive to gray green; moderately to well indurated; fracture spacing $\approx 1/8 - 1/4"$; waxy luster on fractured surfaces; spheroidal blebs with waxy coating to 2" diameter; faint to moderate product odor.
	Dry-Dp			20				@19': heavily sheared; fracture spacing $\approx 1/10 - 1/7"$; crumbly; faint to moderate product odor.
	Dry-Dp			22				
	Dry-Dp			24				
	Dry-Dp			26				@26': heavily sheared.
	Dry-Dp			28				@28': throughgoing fracture dipping $\approx 45^\circ$.
	Dry-Dp			30				@29-31': heavily sheared; powdery.
	Dry-Dp			32				
	Dry-Dp			34				@33': heavily sheared; fracture spacing $\approx 1/8 - 1/5"$; yields tabular fragments with minor waxy luster on fracture surfaces; well indurated; non-friable.
	Dry-Dp			36				@36': subconchoidal fracture; subvitreous luster; heavily sheared; fracture spacing increases to $1/2 - 1"$.
	Dry-Dp			38				@39': shearing appears to decrease; blocky structure prevalent.
	Dry-Dp			40				
	Dry-Dp			42				
	Dry-Dp			44				@44': shearing stronger; waxy to subvitreous luster and conchoidal fracture present.

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-3

PAGE 2 OF 2

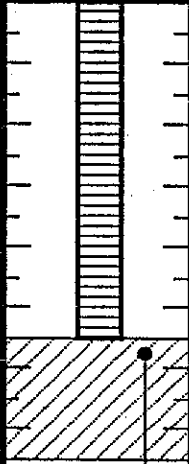
See Page One

PROJECT NO. 330-75.02
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

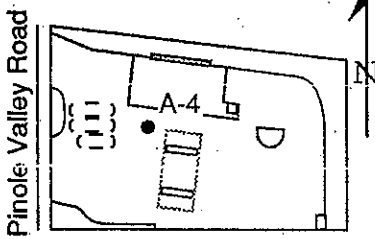
CLIENT:
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dry-Dp			46			CS	CLAYSTONE: olive to gray green; moderately to well indurated; moderately to intensely sheared; subspheroidal blebs to 2" diameter; blebs are better indurated than surrounding matrix; waxy to subbitreous luster on outside of blebs; faint to moderate product odor. @51': heavily sheared; powdery. @53': well indurated. @56': heavily sheared; powdery. @58': throughgoing fractures ~4" apart; disseminated fracture zones rather than discrete traces. BOTTOM OF BORING AT 59'
	Dry-Dp			48				
	Dry-Dp			50				
	Dry-Dp			52				
	Dry-Dp			54				
	Dry-Dp			56				
	Dry-Dp			58				
	Dry-Dp			60				
	Dry-Dp			62				
	Dry-Dp			64				
	Dry-Dp			66				
	Dry-Dp			68				
	Dry-Dp			70				
	Dry-Dp			72				
	Dry-Dp			74				
	Dry-Dp			76				
	Dry-Dp			78				
	Dry-Dp			80				
	Dry-Dp			82				
	Dry-Dp			84				
	Dry-Dp			86				
	Dry-Dp			88				

BENTONITE



LOCATION MAP



NORTHING EASTING ELEVATION

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-4

PAGE 1 OF 2

PROJECT NO. 330-75.02
 LOGGED BY: T.R.
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Continuous Core
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.020"
 GRAVEL PACK: 2/12 SAND

CLIENT: ARCO
 DATE DRILLED: 7-29-92 to 7-31-92
 LOCATION: 2747 Pinole Valley Rd.
 HOLE DIAMETER: 8"
 HOLE DEPTH: 56'
 WELL DIAMETER: 3"
 WELL DEPTH: 55'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst-Wt Sat			2		SS	SS	FILL: asphalt, baserock.
	Mst-Wt Mst			4		CS	CS	SANDSTONE: yellow brown; well sorted fine sand; well indurated; non-friable; including ~30% unconsolidated sand; subjectively very hard; no product odor.
	Mst			6		CS	CS	CLAYSTONE: yellow brown to orange brown; poorly indurated; lacking fractures; blocky structure; surfaces of blocks have waxy luster; iron oxide staining; manganese oxide nodules to 1" diameter at 7'.
	Mst			8		CS	CS	@9': manganese nodules to 1/4" diameter; no product odor.
	Mst-Wt Mst			10		SS	SS	@11': throughgoing fracture at 45° dip.
	Mst			12		CS	CS	SANDSTONE: pale greenish yellow; fine grained; well sorted; well indurated; non-friable; no fractured; no product odor.
	Dp-Mst			14		SS/CS	SS/CS	CLAYSTONE: olive; iron oxide mottling; spheroidal blebs to 2" diameter with waxy surfaces; 45° fracture; no product odor.
	Dp			16		CS	CS	SANDSTONE, CLAYSTONE INTERBEDDED: claystone: as above; sandstone: as described at 11 1/2'; no product odor.
	Dp			18		CS	CS	CLAYSTONE: dark greenish gray; blocky structure; waxy to subvitreous luster; throughgoing cracks dipping 45° at 18'; fracture spacing ~ 4"; faint to moderate product odor.
	Dry-Dp			20		CS	CS	@19-21': heavily sheared; fracture spacing ~1/8 - 1/6"; moderate product odor.
	Dry-Dp			22		CS	CS	@23': 10-20% sand as described at 11 1/2'; faint to moderate product odor.
	Dry-Dp			24		CS	CS	@24-27 1/2': moderately to heavily sheared; fracture spacing ~ 1/10 - 1/7"; closed, unlined, subhorizontal fractures; throughgoing fractures at 45° dip at 26', 28', and 29'; faint to moderate product odor.
	Dry-Dp			26		CS	CS	@29-31': heavily sheared; fracture spacing ~ 1/9 - 1/7"; faint to moderate product odor.
	Dry-Dp			28		CS	CS	@31-32': 5-15% fine gray sand; increasingly indurated; faint to moderate product odor.
	Dry-Dp			30		CS	CS	@35-36': heavily sheared; fracture spacing ~1/12 - 1/9"; subhorizontal fractures; faint product odor.
	Dry-Dp			32		CS	CS	@37-39': 5-10% fine sand; disemenated through claystone; faint to moderate product odor.
	Dry-Dp			34		CS	CS	@40-41': heavily sheared; fracture spacing ~1/10 - 1/8".
	Mst-Wt			36		SS	SS	SANDSTONE: greenish gray; well sorted fine sand; poorly indurated; very friable; strong product odor.
	Mst-Wt			38		SS	SS	
	Mst-Wt			40		SS	SS	
	Mst-Wt			42		SS	SS	
	Mst-Wt			44		SS	SS	

CEMENT

BENTONITE

SAND

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-4
PAGE 2 OF 2

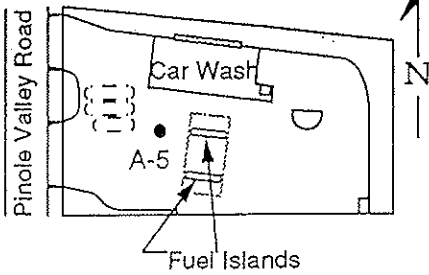
See Page One

PROJECT NO. 330-75.02
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT:
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS																																						
<p>BENTONITE</p>	Mst Mst Dry-Dp			46			SS	SANDSTONE: greenish gray; well sorted fine sand; poorly indurated; very friable; strong product odor. @49-51': strong product odor. CLAYSTONE: dark greenish gray; moderately indurated; moderately sheared; subhorizontal fractures at fracture spacing ~1/5 - 1/3"; moderate product odor. @54': 4" interbed of greenish gray, well sorted fine sandstone; moderate product odor. BOTTOM OF BORING AT 56'																																						
				48			50			52		54		56		58		60		62		64		66		68		70		72		74		76		78		80		82		84		86		88

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. A-5
PAGE 1 OF 10

PROJECT NO. 330-075.1B CLIENT: ARCO
 LOGGED BY: MOTO DATE DRILLED: 8-3; 8-8 to 8-11; 8-15; 8-17-94
 DRILLER: ALL TERRAIN LOCATION: 2747 Pinole Valley Road
 DRILLING METHOD: Air Rotary HOLE DIAMETER: 14", 8"
 SAMPLING METHOD: CAL MOD HOLE DEPTH: 412'
 CASING TYPE: SCH 40 PVC WELL DIAMETER: 10 7/8"
 SLOT SIZE: 0.040" WELL DEPTH: 263'
 GRAVEL PACK: Coarse Aquarium CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
10" CONDUCTOR CASING 3" CASING GROUT				2			CL	ASPHALT; Fill SANDY CLAY: olive yellow; low plasticity; 75% clay; 20% fine sand; trace fine gravel; no product odor.	
				4					
				6					
				8				CS	CLAYSTONE: light olive brown and brownish yellow; poorly indurated; blocky structures with waxy surfaces; caliche nodules common; no product odor.
		Dp	71		10				
					12			SS	SANDSTONE: greenish gray; moderately indurated; fine grained; no product odor.
					14				
					16				
					18			CS	CLAYSTONE: dark greenish gray; poorly indurated; blocky structure with waxy luster; faint product odor.
		Dp	98		20				
		Dp	198		22			SLst	CLAYEY SILTSTONE: gray; poorly to moderately indurated; 20% clay; 70% silt; 10% fine sand; laminated; moderate to strong product odor.
					24				
					26				
					28			CS	CLAYSTONE: dark greenish gray; moderately indurated; blocky structure with waxy luster; fractured 1/8"; faint to moderate product odor.
		Dp	<1400		30				@31': increase in sand.
				32					
				34					
				36					
				38					
	Dp	500		40					
	Mst-Wt			42			SS	SANDSTONE: dark greenish gray; poorly indurated; fine grained; friable; strong product odor.	
				44			CS	CLAYSTONE: as above.	
	Dp	345		44			SS	SANDSTONE: as above.	

See Page One

PROJECT NO. 330-075.1B
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: ARCO
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
10" CONDUCTOR CASING 3" CASING GROUT				46		SS	SS	SANDSTONE: dark greenish gray; poorly indurated; fine grained; friable; strong product odor.
		Dry	381	48				
				50		CS	CS	CLAYSTONE: dark greenish gray; moderately indurated; blocky structure with waxy luster; sub-horizontal fractures with fracture spacing to 1/4"; faint to moderate product odor.
		Dry	395	52				
				54				
				56				
				58				
		Dry	82	60				@60': dark greenish gray; moderately indurated; massive; faint product odor. @61': shell fragments; non-friable.
				62				
				64				
				66				
		Dry	122	68				@70': moderately to strongly indurated; massive; non-friable; faint product odor.
				70				
				72				
		Dry	153	74				@80': fractured; fractured spacing to 1/8"; faint product odor.
			76					
			78					
			80					
			82					
			84					
			86					
			88					

See Page One

PROJECT NO. 330-075.1B
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT: ARCO
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
GROUT 3" CASING	Dp	985		90			CS	CLAYSTONE: dark greenish gray; weak to moderately indurated; blocky structure; waxy luster; thin fractures; friable; moderate product odor.	
				92					
				94					
				96					
				98					
	Dp	<2000		100					@100': dark greenish gray; moderately indurated; sheared; blocky structure; waxy luster; spheroidal blebs of claystone to 1" diameter; non-friable; faint product odor.
				102					
				104					
				106					
				108				SLst	SILTSTONE: greenish gray; weakly indurated; blocky structure gives way to massiveness with depth; fractured; strong product odor.
	Dp	<2000		110					
				112					
				114					
			116						
			118						
Dp	<2000		120				@120': greenish gray; moderately indurated; massive extensive random thin fractures; strong product odor.		
			122						
			124						
			126						
			128						
			130				@130': moderate product odor.		
			132						

See Page One

PROJECT NO. 330-075.1B
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: ARCO
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
GROUT 3" CASING				134			SLst	SILTSTONE: see previous page.	
				136			CS	CLAYSTONE: dark greenish gray; moderately indurated; sheared; blocky structure; waxy luster; spheroidal blebs of claystone to 1" diameter; non-friable; faint product odor.	
				138					
		Dp	173		140				
					142			SLst	SILTSTONE: as above; faint product odor.
					144				
					146			CS	CLAYSTONE: as above; extremely sheared; moderate product odor.
					148				
		Dp	163		150				
					152			SLst	SILTSTONE: greenish gray, <u>modertae</u> to highly indurated; massive; fine hairline fractures at random orientations; moderate product odor.
					154				
					156				
					158				
		Dp	416		160				
					162				
				164					
				166			CS	CLAYSTONE: dark geenish gray; weak to moderately indurated; extremely sheared; waxy luster; highly fractured; moderate product odor.	
				168					
	Dp	342		170					
				172					
				174					
				176					

@160-160.5': sheared; white powdered; moderate product odor.

See Page One

PROJECT NO. 330-075.1B
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT: ARCO
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				178			CS	CLAYSTONE: see previous page.
	Dp	346		180				@180': dark greenish gray; moderately indurated; blocky structures; waxy luster; moderate product odor.
				182				@181': 0.5" pyritized veins common.
				184				
				186				
				188				
	Dp	494		190				@190': dark greenish gray; moderately indurated; blocky structure; waxy luster; moderate product odor.
				192				
				194				
				196				
				198				
	Dp	922		200				
				202				
				204				
				206			SLst	SILTSTONE: greenish gray; moderately indurated; massive; fine hairline fractures; strong product odor.
				208				
	Dp	349		210				
				212				
				214				
				216				
				218				
	Dp	372		220				

220' 2" 12' 48"

See Page One

PROJECT NO. 330-075.1B
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT: ARCO
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				266			SLst	SILTSTONE: see previous page.
				268			SLst- CS	SILTSTONE to CLAYSTONE: greenish gray; weakly indurated; highly sheared; waxy luster; strong product odor.
		Dp	378	270				
				272				
				274				
				276				
				278				
		Dp	<2000	280				
				282			CS	CLAYSTONE: dark greenish gray; weakly indurated, blocky structures; white powder in shear zone; waxy luster; random hairline fractures; moderate product odor.
				284				
				286			SLst	SILTSTONE: greenish gray; moderate to highly indurated; massive; very faint product odor.
				288				
		Dp	146	290				
				292				
				294				
			296					
			298					
	Dp	98	300				@300': very faint product odor.	
			302					
			304					
			306			CS	CLAYSTONE: dark greenish gray; weak indurated blocky structures; waxy luster; faint product odor.	
			308					

See Page One

PROJECT NO. 330-075.1B
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT: ARCO
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
Backfilled With Grout	Dp	91		310			CS	CLAYSTONE: see previous page.	
				312			SLst	SILTSTONE: as above; faint product odor.	
				314					
				316					
				318			CS	CLAYSTONE: dark greenish gray; weak to moderately indurated; very faint product odor.	
				320					
				322					
				324					
	Dp	58			326			SLst	SILTSTONE: greenish gray; moderate to highly indurated; massive; conchordal fractures; very faint product odor.
					328				
					330				
					332				
					334				
					336			CS	CLAYSTONE: dark greenish gray; weak to moderately indurated, blocky structure; hairline fractures; very faint product odor.
					338				
					340				
Dp				342					
				344					
				346			SLst	SILTSTONE: as above.	
				348					
				350					
				352					

See Page One

PROJECT NO. 330-075.1B
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:


CLIENT: ARCO
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				354			SLst	SILTSTONE: see previous page.
				356			CS	CLAYSTONE: dark greenish gray; weakly indurated; intermittent blocky structures and sheared zones; waxy luster; very faint product odor.
				358				
		Dp	61		360			
					362			
					364			
					366			
					368			
		Dp	83		370			@370': dark greenish gray; weakly indurated; extremely sheared; trace blocky structure; waxy luster; very faint product odor.
					372			
					374			
					376			
					378			
		Dp	95		380			@380': dark greenish gray; moderately indurated; blocky structure; waxy luster; very faint product odor.
					382			
				384				
				386				
				388			SLst	SILTSTONE: greenish gray; highly indurated; massive; trace hairline fractures; very faint product odor.
	Dp	233		390				
				392				
				394				
				396			CS	CLAYSTONE: as above.

See Page One

PROJECT NO. 330-075.1B
 LOGGED BY:
 DRILLER:
 DRILLING METHOD:
 SAMPLING METHOD:
 CASING TYPE:
 SLOT SIZE:
 GRAVEL PACK:

CLIENT: ARCO
 DATE DRILLED:
 LOCATION:
 HOLE DIAMETER:
 HOLE DEPTH:
 WELL DIAMETER:
 WELL DEPTH:
 CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout		Dp 163		398			CS	CLAYSTONE: dark greenish gray; moderately indurated; blocky structure; hairline fractures; very faint product odor.
		Dp 150		400				
				402				@410': faint product odor.
				404				
				406				
				408				
				410				
				412				BOTTOM OF BORING AT 412'
				414				
				416				
				418				
				420				
				422				
				424				
				426				
				428				
				430				
				432				
				434				
				436				
				438				
				440				



Cambria Environmental Technology, Inc.
 1144 - 65th St.
 Oakland, CA 94608
 Telephone: (510) 420-0700
 Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	1	BORING/WELL NAME	A-6
JOB/SITE NAME		DRILLING STARTED	19-Dec-01
LOCATION	2747 Pinole Valley Road	DRILLING COMPLETED	19-Dec-01
PROJECT NUMBER	438-1667	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	V&W Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	8"	SCREENED INTERVAL	30 to 50 ft bgs
LOGGED BY	M. Meyers	DEPTH TO WATER (First Encountered)	12.5 fINA
REVIEWED BY	R. Scheele, RG# 6842	DEPTH TO WATER (Static)	NA

REMARKS

PID (ppm)	TPHg (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
					0.5			ASPHALT FILL ; dark brown; very dense; moist; 40% sand, 60% gravel; high estimated permeability.	0.5	
					2.0			Clayey SAND ; black; medium dense; moist; 35% clay, 65% sand; medium plasticity, medium estimated permeability.	2.0	
					5.0	SC		CLAY ; dark brown; stiff; moist; 90% clay, 10% silt; high plasticity, low estimated permeability.	5.0	
0.7		2 4 6	A-6@6'		5					
					10			@ 10' - olive/light brown; wet; trace very fine sands.		
0.4		2 4 6	A-6@1 1.5'		10	CH				
					15			@ 15' - light brown; saturated; trace very fine sands.		
0.4		2 4 5			15					
					20			Clayey SILTSTONE ; olive/light brown; very stiff; moist; 40% clay, 60% silt; medium plasticity; low estimated permeability.	18.0	
0.0		3 8 13	A-6@2 1'		20					
					25			@ 25' - becomes stiff; saturated.		
0.0		3 6 9	A-6@2 6'		25					
					30			@ 30' - becomes medium grey; very stiff; moist; sheared.		
0.0		4 12 12	A-6@3 1'		30					
					35					

WELL LOG (PID/TPHG) H:\ARCO\6228\GINT\ARCO6228.GPJ DEFAULT.GDT 2/15/02

Portland Type I/II Cement

Bentonite Seal

Monterey Sand #2/12



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 1144 - 65th St.
 Oakland, CA 94608
 Telephone: (510) 420-0700
 Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	<u>1</u>	BORING/WELL NAME	<u>A-6</u>
JOB/SITE NAME	<u></u>	DRILLING STARTED	<u>19-Dec-01</u>
LOCATION	<u>2747 Pinole Valley Road</u>	DRILLING COMPLETED	<u>19-Dec-01</u>

Continued from Previous Page

PID (ppm)	TPHg (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
0.0		6 8 12	A-6@3 6'				@ 35' - becomes damp.		<p>2"-diameter, 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 50 ft</p>
		20 28	A-6@4 1'	40			@ 40' - becomes hard.		
455		10 22 28	A-6@4 6'	45					
445		10 22 40	A-6@5 1.5'	50				51.5	

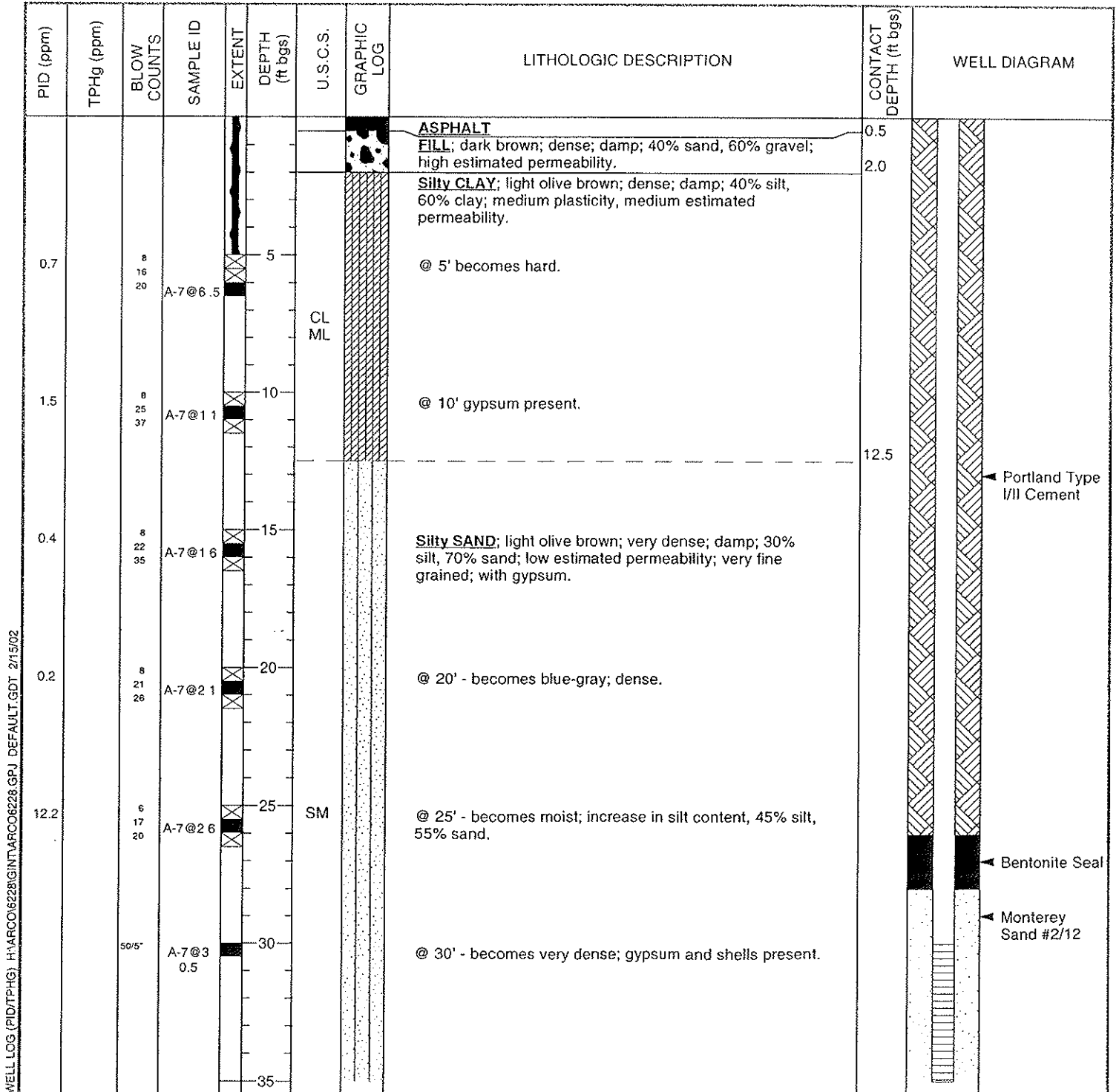
WELL LOG (PID/TPHG) H:\ARCO628\GINT\ARCO628.GPJ DEFAULT.GDT 2/15/02



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 1144 - 65th St.
 Oakland, CA 94608
 Telephone: (510) 420-0700
 Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	1	BORING/WELL NAME	A-7
JOB/SITE NAME		DRILLING STARTED	19-Dec-01
LOCATION	2747 Pinole Valley Road	DRILLING COMPLETED	19-Dec-01
PROJECT NUMBER	438-1667	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	V&W Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	8"	SCREENED INTERVAL	30 to 50 ft bgs
LOGGED BY	M. Meyers	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	R. Scheele, RG# 6842	DEPTH TO WATER (Static)	NA
REMARKS			



WELL LOG (PID/TPHG) H:\ARCO\6228\GINTARCO6228.GPJ DEFAULT.GDT 2/15/02



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 Telephone: (510) 420-0700
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BORING/WELL LOG

CLIENT NAME 1 BORING/WELL NAME A-7
 JOB/SITE NAME _____ DRILLING STARTED 19-Dec-01
 LOCATION 2747 Pinole Valley Road DRILLING COMPLETED 19-Dec-01

Continued from Previous Page

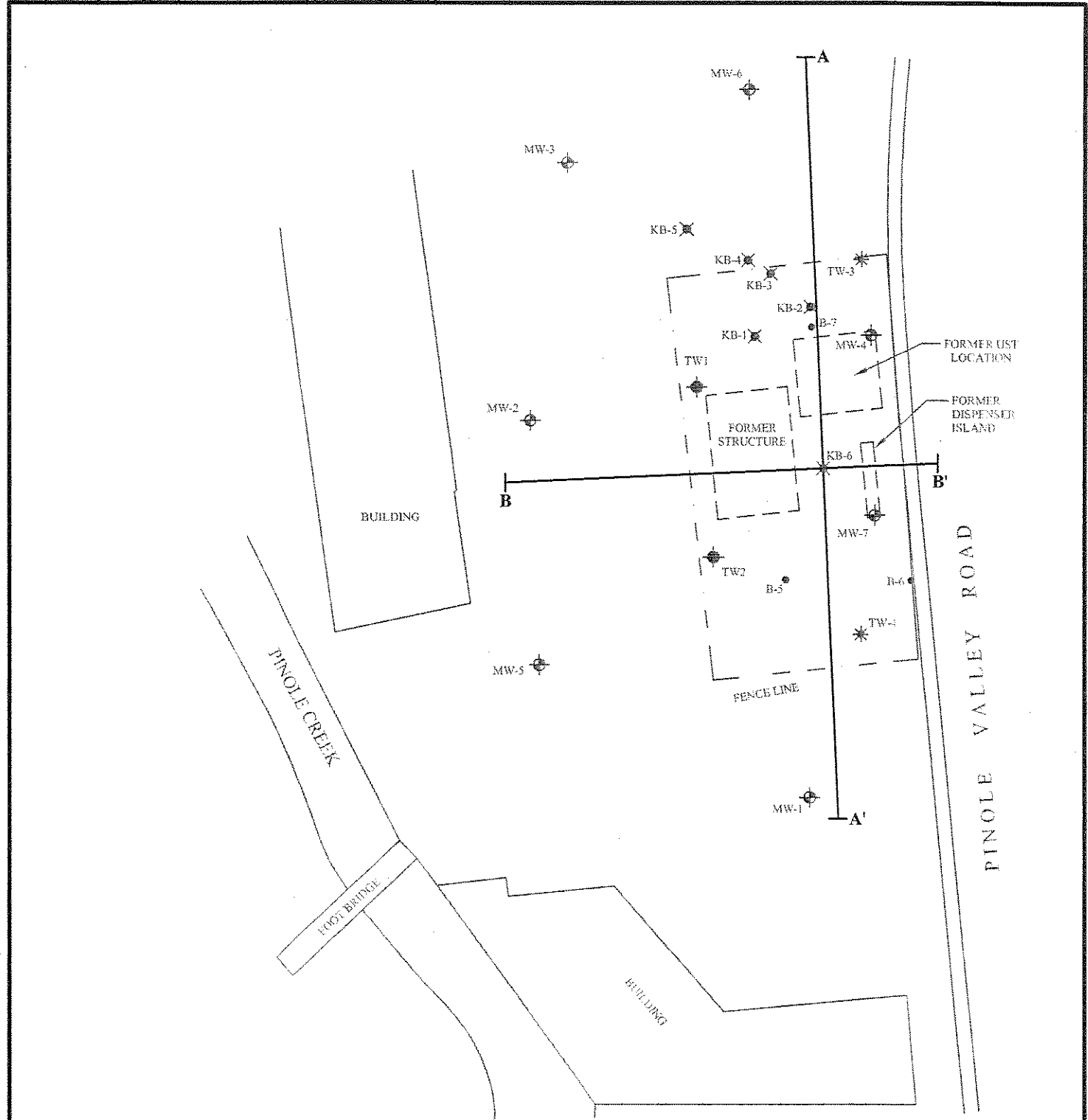
PID (ppm)	TPHg (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
96.4		23 50/5"	A-7@3 5.5	X				@ 35' - no shells or gypsum present.		
45.0		47 50/5"	A-7@4 0.5	X	40		XXXXXX	Sandy SILTSTONE; blue-grey; very dense; damp; 60% silt, 40% sand; low estimated permeability; very fine grained; some shells present.	38.0	2"-diameter, 0.010" Slotted Schedule 40 PVC
755		27 50/4"	A-7@4 6	X	45	XXXXXX				
775		22 50/55.5"	A-7@5 1	X	50	XXXXXX			50.0	

WELL LOG (PID) 1\ARCO\6228\GINT\ARCO6228.GPJ DEFAULT.GDT 2/19/02

TABLE 1
WELL CONSTRUCTION DETAILS
 ARCO Service Station #6228
 2747 Pinole Valley Road, Pinole, California

Well Number	Casing Diameter (inches)	Total Depth (ft bgs)	Screened Interval (ft bgs)	Lithology Adjacent to Screened Interval	Lithology Depth (ft bgs)
A-1	3	50	20-50	Claystone (CS) Siltstone (MS) Claystone (CS) Sandstone (SS) Claystone (CS)	20-40.5 40.5-41.5 41.5-47 47-48 48-50
A-2	3	55	20-55	Clay (CL) Claystone (CS) Siltstone (MS) Claystone (CS)	20-23 23-51 51-53 53-55
A-3	3	55	20-55	Claystone (CS)	20-55
A-4	3	55	20-55	Claystone (CS) Sandstone (SS) Claystone (CS)	20-42 42-51 51-55
A-5	3	263	203-263	Siltstone (MS)	203-263
A-6	2	50	30-50	Clayey Siltstone (ML)	30-50
A-7	2	50	30-50	Silty Sand (SM) Sandy Siltstone (MS)	30-38 38-50
V-1	4	55	30-55	Claystone (CS) Clay (CL) Silty Sandstone (SS) Claystone (CS)	30-40.5 40.5-42 42-50 50-55
V-2	2	145	95-145	Silty Claystone (CS) Clay (CL) Clayey Siltstone (ML) Silty Claystone (CS)	95-110 110-123 123-132 132-145
V-3	3	43	23-43	Claystone (CS)	23-43
V-4	3	43.5	23-43.5	Claystone (CS) Mudstone (MS)	23-39 39-43.5
EX-1	6	8.2	3.2-8.2	NA	

ft bgs = feet below ground surface



EXPLANATION

- FENCE LINE
- ⊕ MONITORING WELL
- ✕ SOIL BORING BY KRAZAN
- ✱ "ABANDONED" TEXACO MONITORING WELL (PRE-1999)
- SOIL BORING BY GRAYLAND ENVIRONMENTAL (JUNE 2002)
- ⊙ TEXACO MONITORING WELL (PRE-1999)



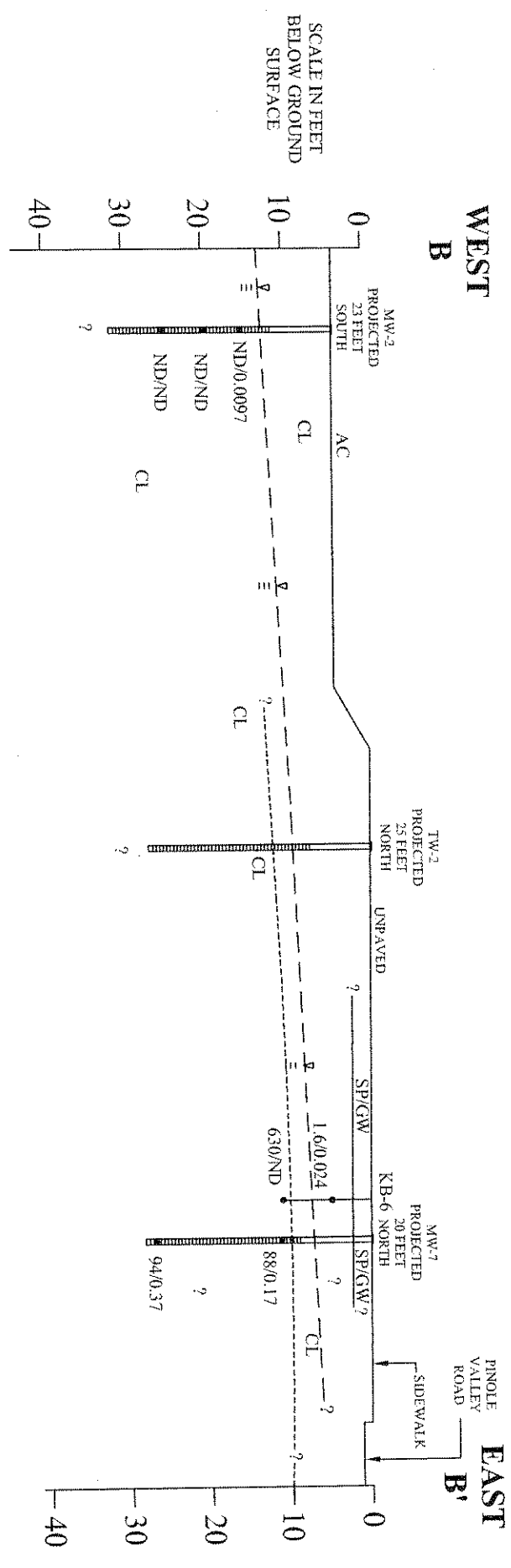
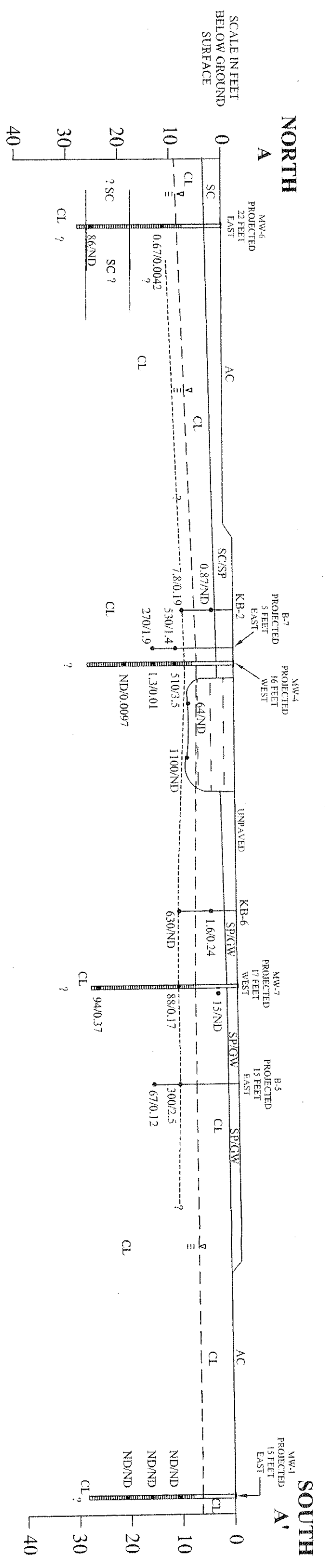
SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

**TRACE OF CROSS SECTIONS
A TO A' AND B TO B'**

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Scale:	Date:
AS SHOWN	2/06
Drawn by:	Approved by:
S. A.	S. B.
Project No.	Figure No.
044-03006	8

Krazan
SITE DEVELOPMENT ENGINEERS
Offices Serving the Western United States

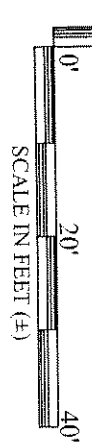
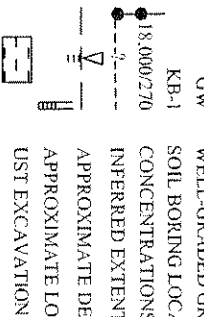


EXPLANATION

AC ASPHALTIC CONCRETE
CL CLAY WITH SAND
SC CLAYEY SAND
GW WELL-GRADED GRAVEL

KB-1 SOIL BORING LOCATION
CONCENTRATIONS OF TPH-G/BENZENE IN SOIL SAMPLES
INFERRED EXTENT OF PHC IN SOIL

NOTE:
1. CONCENTRATIONS GIVEN IN MILLIGRAMS PER KILOGRAM (MG/KG)
2. LOCATIONS AND DIMENSIONS ARE APPROXIMATE



GENERALIZED GEOLOGIC CROSS SECTIONS A-A' AND B-B'		Scale: AS SHOWN	Date: 2/06
PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA		Drawn by: S. A.	Approved by: A. H. M.
		Project No. 044-03006	Figure No. 9

Krazan
ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SPECIALISTS
Offices Serving the Western United States

Drilling Subcontractor: Woodward Drilling

Drilling Method: 8-inch Hollow Stem Auger

Sampling Method: 2-inch California Modified

Date Drilled: 06/12/02

Logged By: Jeffrey A. Clayton

Log of Boring: **B4/
MW4**

Project No: 090-052

Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA		LITHOLOGIC DESCRIPTION
		SAMPLE PID (ppm)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS	
	Backfilled with Neat Cement							2-inches Asphaltic Concrete + 9-inches Aggregate Base
	Bentonite Chip Plug	48.1	18	5-6.5	■			Black, CLAY, damp, stiff, no odor
10		1070	18	10-11.5	■	CL		Dark Grey, CLAY, damp, stiff, slight odor
	2-inch PVC factory-slotted at 0.020 inch	30.5	22	15-16.5	■			Light Brown and light Grey, CLAY with trace Silt, damp to moist, very stiff, no odor
20	Monterey #3 Sand	36.0	20	20-21.5	■	U ₁		Light Brown, Silty CLAY, damp to moist, stiff, no odor
	Threaded End Cap	44.3	27	25-26.5	■	CL		Light Brown, Silty CLAY, damp, very stiff, no odor
30								Boring Completed at Approximately 28 feet Below Ground Surface Groundwater Encountered at Approximately 19 feet
40								
50								
60								

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Drilling Subcontractor: Woodward Drilling

Drilling Method: 8-Inch Hollow Stem Auger

Sampling Method: 2-Inch California Modified

Date Drilled: 06/13/02

Logged By: Jeffrey A. Clayton

Log of Boring:

B7

Project No: 090-052
Page 1 of 1

FEET	SOIL BORING DIAGRAM	SAMPLE DATA				SOIL DATA	
		SAMPLE PID (ppm)	BLOWS PER FOOT	DEPTH INTERVAL	SAMPLE RECOVERY	USCS	SYMBOLS
		676	18	5-6.5		CL	
10		2800	22	10-11.5			
		10006	22	15-16.5		CL	
20		10000	25	20-21.5			
30							
40							
50							
60							

LITHOLOGIC DESCRIPTION

3-inches Asphaltic Concrete + 6-inches Aggregate Base

Black, CLAY with trace Silt, damp, stiff, slight odor

Dark Grey, CLAY, damp, very stiff, slight odor

Dark Grey, CLAY with trace Silt, damp, very stiff, slight odor

Light to medium Grey, CLAY with trace Silt, moist, very stiff, no odor

Boring Completed at Approximately 22 feet Below Ground Surface
Groundwater Encountered at Approximately 20 feet

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

DATE DRILLED: December 19, 2005	TYPE OF BORING: Monitoring Well Installation			
DRILLING EQUIPMENT: 8-inch Hollow Stem Auger	ELEVATION & DATUM:	LOGGED BY: Steve Bahr		
SAMPLING METHOD: Continuous Core	DEPTH TO WATER:	FIRST:	COMPL.:	24 HRS:

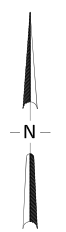
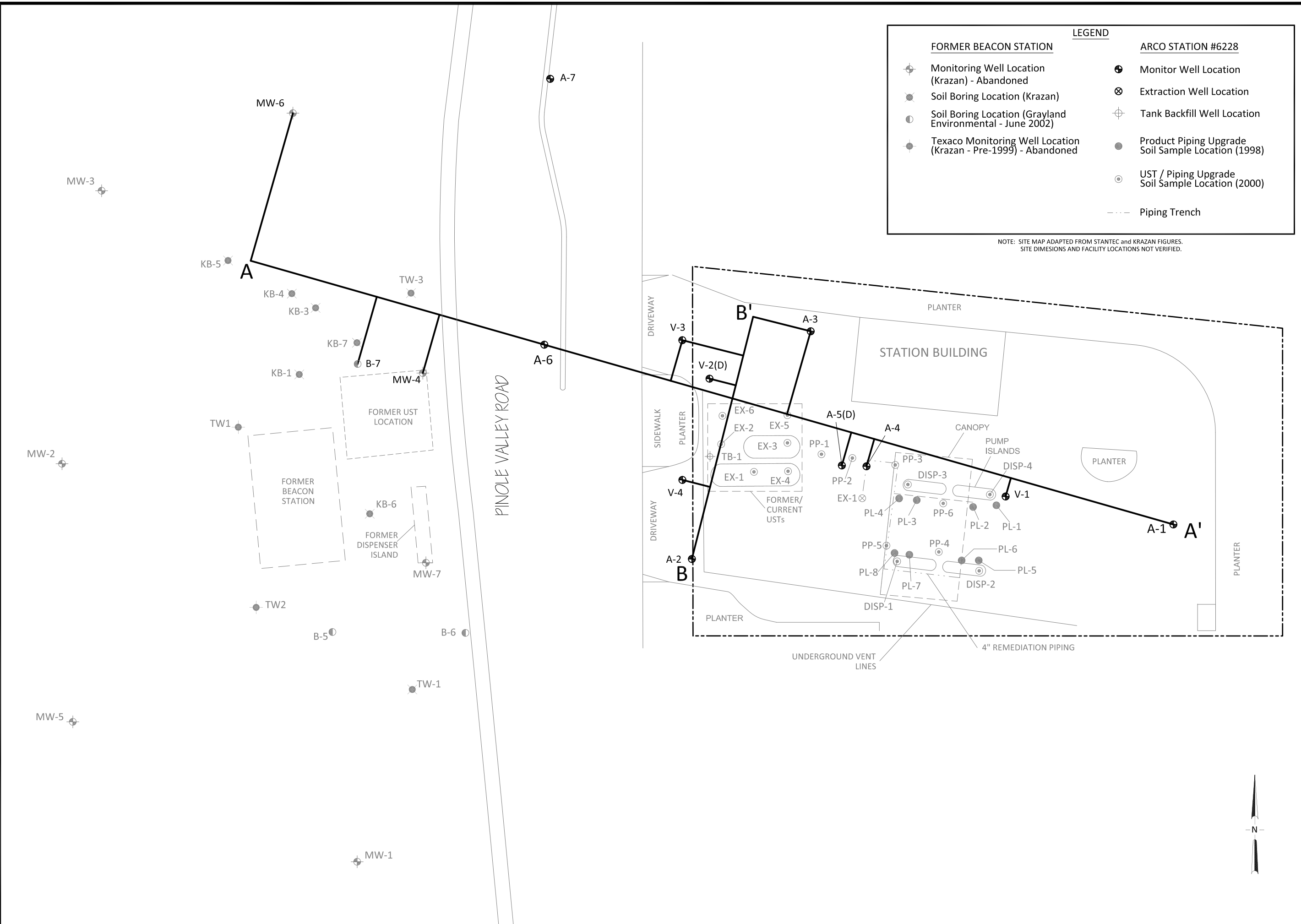
Elevation Depth (Ft)	Odor	PID Reading	Undisturbed Sample	LEL Blow Count	Graphic Log	Soil Classification	SOIL DESCRIPTION	WELL CONSTRUCTION
0						SC	Asphalt Concrete. Clayey SAND (SM); orangish-brown, sand is fine to coarse-grained.	
5						CL	CLAY (CL); black, stiff. Very stiff, clay, homogeneous. Soil discoloration observed.	
15	YES		XX			CL	CLAY (CL); greenish-gray. Initial groundwater entering borehole at approximately 15 feet.	
20	STRG					SC	SAND with clay (SC); greenish-gray, sand is very fine-grained. Increase in clay.	
25	SLT		XX			SC	Clayey SAND, sand is very fine grained.	
30	NO					CL	CLAY (CL); dark gray, very stiff.	
30							BOTTOM OF BORING	

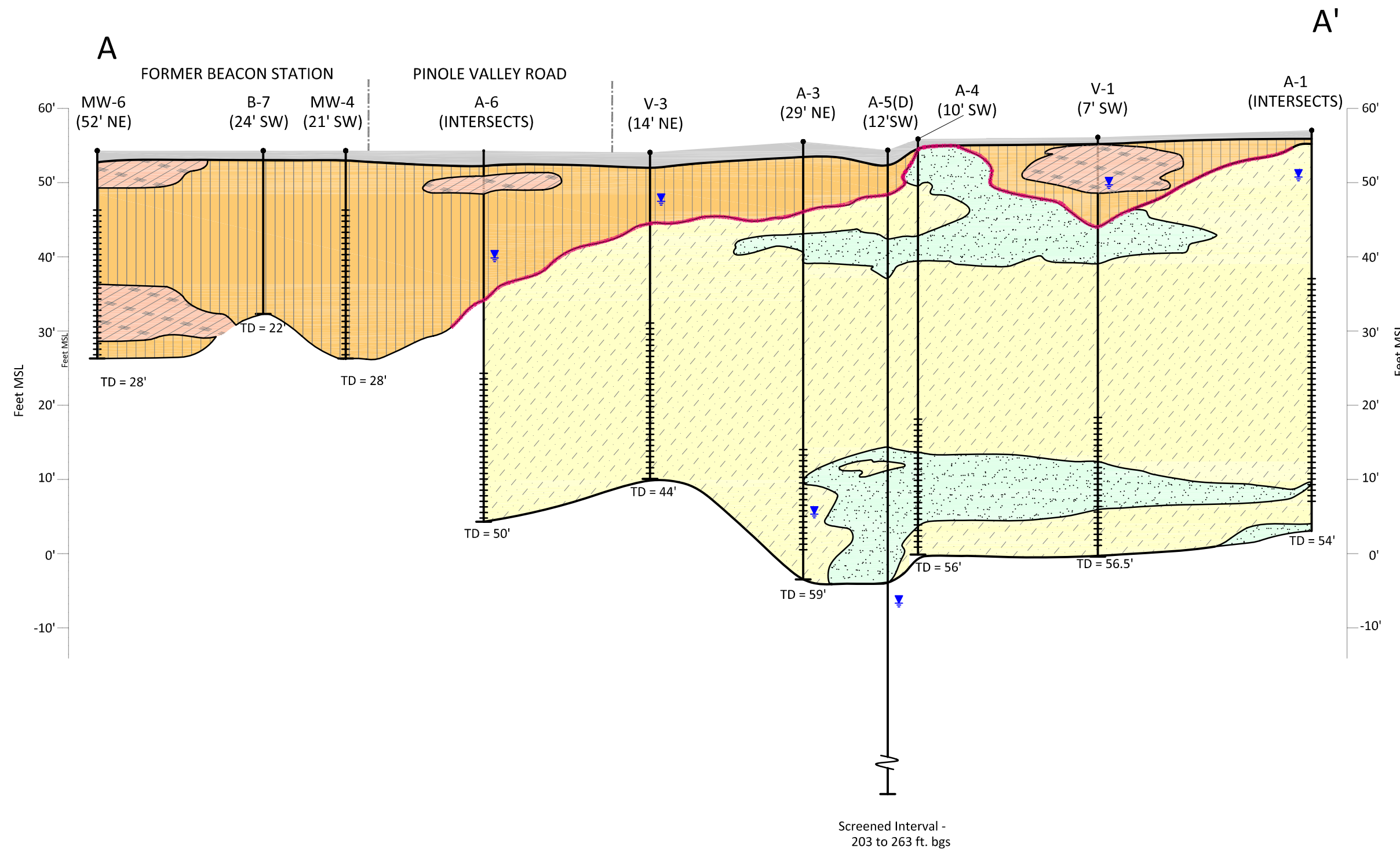
*R = Refusal, greater than 100 blows/foot

LEGEND

FORMER BEACON STATION		ARCO STATION #6228	
⊕	Monitoring Well Location (Krazan) - Abandoned	⊕	Monitor Well Location
⊙	Soil Boring Location (Krazan)	⊗	Extraction Well Location
⊙	Soil Boring Location (Grayland Environmental - June 2002)	⊕	Tank Backfill Well Location
⊕	Texaco Monitoring Well Location (Krazan - Pre-1999) - Abandoned	●	Product Piping Upgrade Soil Sample Location (1998)
		⊙	UST / Piping Upgrade Soil Sample Location (2000)
		---	Piping Trench

NOTE: SITE MAP ADAPTED FROM STANTEC and KRAZAN FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

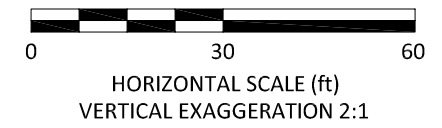
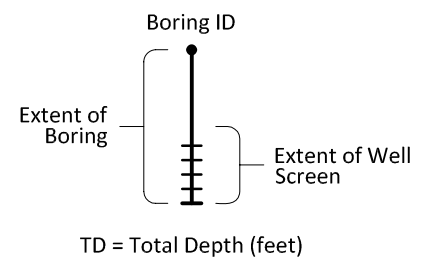


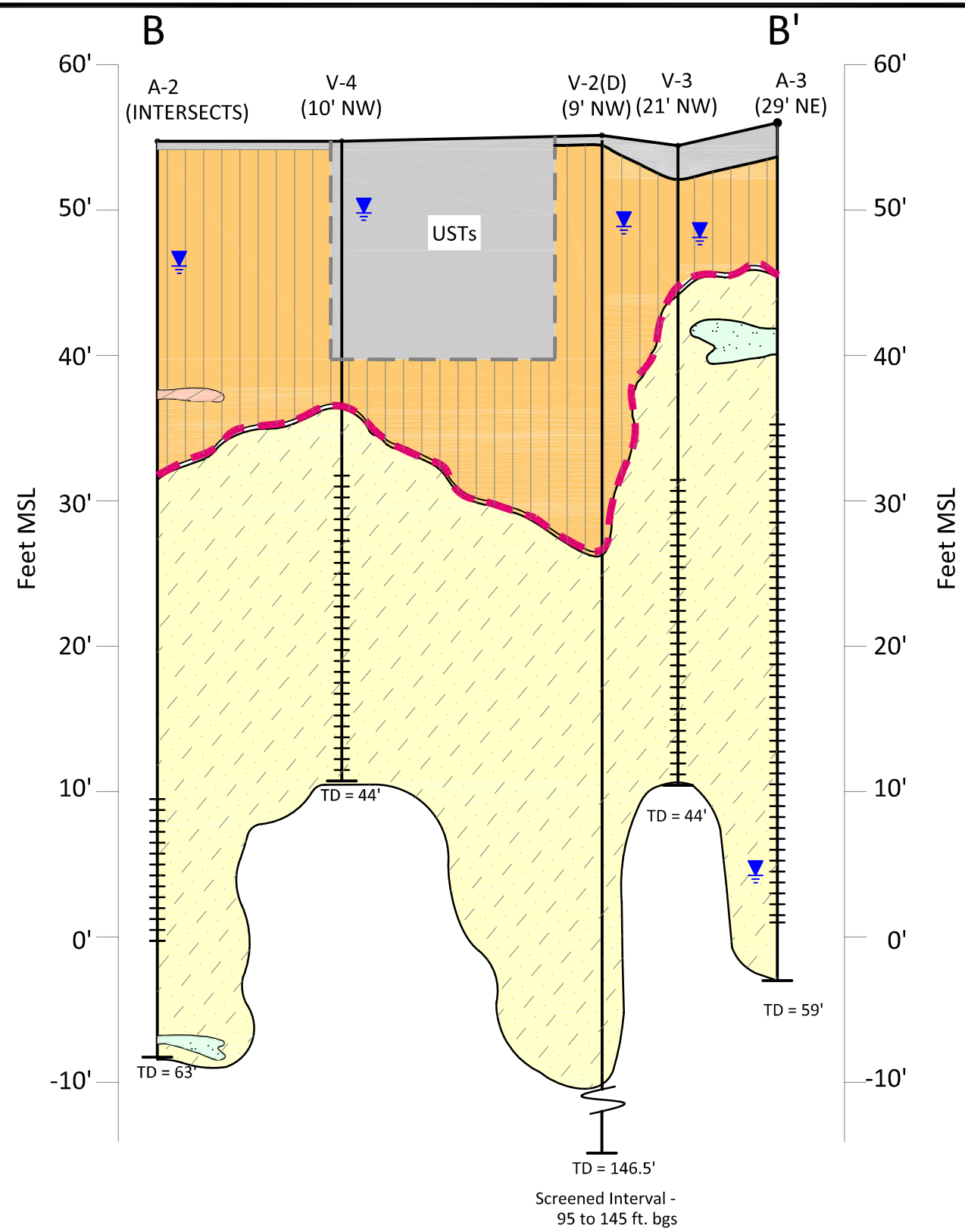


- Fill/Asphalt
- Unconsolidated Alluvium (Clayey Silt, Silty Clay, Clay)
- Unconsolidated Alluvium (Sands, Silty Sands, Clayey Sands)

- Clastic (Siltstone/Clayey Siltstone/Claystone)
- Clastic (Sandstone/Silty Sandstone)

- Static Depth to Water (2/26/2014)
- Unconformity Delineation

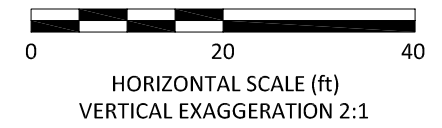
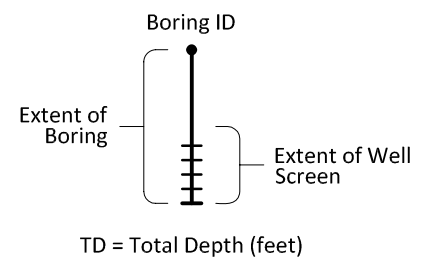




- Fill/Asphalt
- Unconsolidated Alluvium (Clayey Silt, Silty Clay, Clay)
- Unconsolidated Alluvium (Sands, Silty Sands, Clayey Sands)

- Clastic (Siltstone/Clayey Siltstone/Claystone)
- Clastic (Sandstone/Silty Sandstone)

- Static Depth to Water (2/26/2014)
- Unconformity Delineation



APPENDIX C

Dual-Phase and Soil Vapor Extraction Pilot Testing Data

TABLE 2
DUAL PHASE EXTRACTION SYSTEM MONITORING DATA
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

Date	Hour Meter	A-4 Totalizer Reading	A-4 Groundwater Extracted	A-5 Totalizer Reading	A-5 Groundwater Extracted	DPE System Operational Data						Comments
						Q _{inf}	V _{sys}	T _{inf} ^a	T _{eff}	PID _{inf}	PID _{eff}	
	hour	gallons	gallons	gallons	gallons	SCFM	in Hg	°F	°F	ppm	ppm	
5/24/04 11:00 AM	13249.7	114,080	---			16.2	25	125	1,484	584	5.2	
5/24/04 12:00 PM	13250.7	114,080	0			16.8	25	128	1,482	620	3.2	
5/24/04 1:00 PM	13251.7	114,080	0			17.3	25	130	1,471	552	2.2	
5/24/04 2:00 PM	13252.8	114,080	0			16.8	25	133	1,492	483	2.5	
5/24/04 3:00 PM	13253.8	---	0			17.0	26	120	1,501	330	3.2	
5/24/04 4:00 PM	13254.8	114,090	10			17.4	27	125	1,536	364	3.8	
5/24/04 5:00 PM	13255.8	114,090	10			17.9	27	122	1,521	322	3.3	
5/25/04 7:30 AM	13270.3	114,100	20			16.9	28	100	1,539	230	5.3	
5/25/04 8:30 AM	13271.3	---	---			17.2	28	110	1,542	234	4.2	
5/25/04 9:30 AM	13272.3	114,100	20			17.5	28	108	1,548	240	3.9	
5/25/04 10:30 AM	13273.3	---	---			18.7	28	113	1,546	286	3.1	
5/25/04 11:30 AM	13274.3	114,105	25			17.7	28	115	1,548	234	2.7	
5/25/04 12:30 PM	13275.3	---	---			17.2	28	116	1,547	227	2.5	
5/25/04 1:30 PM	13276.3	114,105	25			17.7	28	114	1,579	233	2.3	
5/25/04 2:30 PM	13277.3	---	---			17.2	28	115	1,568	219	2.1	
5/25/04 3:30 PM	13278.3	114,105	25			17.2	28	115	1,554	223	2.2	
5/25/04 4:30 PM	13279.3	---	---			17.4	28	112	1,562	216	1.9	
5/26/04 10:00 AM	13296.8	114,106	26			---	---	---	---	144.2	5.2	System shutdown due to faulty propane valve
5/27/04 9:00 AM	13307.9	114,120	40			15.8	28	---	1,556	171	4.8	System repaired and operational upon arrival
5/27/04 10:00 AM	13308.9	---	---			16.3	28	100	1,583	162	4.7	
5/27/04 11:00 AM	13309.9	114,120	40			16.9	28	106	1,695	150	5.3	
5/27/04 12:00 PM	13310.9	---	---			16.7	28	110	1,540	174	4.2	
5/27/04 1:00 PM	13311.9	114,133	53			16.2	28	108	1,554	100	4.1	
5/27/04 2:00 PM	13312.9	---	---			14.3	28	108	1,510	98	3.8	

TABLE 2
DUAL PHASE EXTRACTION SYSTEM MONITORING DATA
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

Date	Hour Meter	A-4 Totalizer Reading	A-4 Groundwater Extracted	A-5 Totalizer Reading	A-5 Groundwater Extracted	DPE System Operational Data						Comments
						Q_{inf}	V_{sys}	T_{inf}^a	T_{eff}	PID _{inf}	PID _{eff}	
	hour	gallons	gallons	gallons	gallons	SCFM	in Hg	°F	°F	ppm	ppm	
Began Vapor/Groundwater Extraction From Well A-5												
5/27/04 3:00 PM	13313.9			114,133	0	14.8	28	115	1,548	200	4.3	
5/27/04 4:00 PM	13314.9			---	---	---	28	109	1,547	238	---	
5/27/04 5:00 PM	13315.9			114,170	37	14.6	28	116	1,579	222	4.2	
5/28/04 9:30 AM	13332.4			114,198	65	12.8	28	98	1,685	---	3.8	
5/28/04 10:30 AM	13333.4			---	---	11.8	28	101	1,680	54.0	0.8	
5/28/04 11:00 AM	13333.9			114,200	67	12.0	28	103	1,684	52.1	1.2	
5/28/04 12:00 PM	13334.9			---	---	12.3	28	102	1,676	47.2	1.3	
5/28/04 1:00 PM	13336.0			114,205	72	13.8	29	98	1,735	53.9	2.1	
5/28/04 2:00 PM	13337.0			---	---	12.3	29	100	1,726	46.0	1.8	
5/28/04 3:00 PM	13338.0			114,205	72	12.3	29	103	1,702	36.0	2.2	
5/29/04 6:00 AM	13353.0			114,205	72	11.1	29	97	1,672	25	1.4	System shutdown. DPE test concluded.

ABBREVIATIONS:

- Q_{inf} Influent vapor flow rate
- V_{sys} System vacuum
- T Temperature
- inf Influent
- eff Effluent
- PID Photoionization detector
- DPE Dual phase extraction
- SCFM Standard cubic feet per minute
- in Hg Inches of mercury
- °F Degrees Fahrenheit
- ppm Parts per million
- a Inflent temperature measured downstream of Liquid Ring Pump

TABLE 3
VAPOR EXTRACTION RADIUS OF INFLUENCE
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

Date	Time	DPE System		Vapor Extraction Wells		Observation Wells Induced Vacuum						
		Q _{inf}	V _{sys}	A-4	A-5	A-1	A-2	A-3	V-1	V-2	V-3	V-4
				V _{EW}	V _{EW}							
SCFM	in HG	in Hg	in Hg	in WC	in WC	in WC	in WC	in WC	in WC	in WC	in WC	
05/24/04	10:00 AM	16.2	25	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/24/04	4:00 PM	17.4	27	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/25/04	9:00 AM	17.5	28	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/25/04	4:30 PM	17.4	28	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/26/04	10:30 AM	---	---	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/27/04	10:30 AM	16.3	28	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Began Vapor/Groundwater Extraction From Well A-5												
05/27/04	5:00 PM	14.6	---	28	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/28/04	8:30 AM	11.3	0.0	28	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/28/04	3:00 PM	12.3	0.0	29	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/29/04	6:00 AM	11.1	---	29	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ABBREVIATIONS:

- Q_{inf} System flow rate
- DPE Dual phase extraction
- V_{sys} System vacuum
- V_{EW} Applied Vacuum
- SCFM Standard cubic feet per minute
- Not Available/Measured

TABLE 4
DEPTH TO WATER DATA
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

Date	Time	Extraction Wells		Observation Wells								Comments
		A-4	A-5	A-1	A-2	A-3	V-1	V-2	V-3	V-4		
		ft-bgs	ft-bgs	ft-bgs	ft-bgs	ft-bgs	ft-bgs	ft-bgs	ft-bgs	ft-bgs	ft-bgs	
05/24/04	10:00 AM	13.61	121.17	34.57	7.47	53.05	2.08	3.52	1.67	3.40		
05/24/04	6:00 PM	--- ^{a, c}	120.92	34.49	7.27	53.31	2.10	3.55	1.70	3.40		
05/25/04	9:00 AM	--- ^{a, c}	122.00	34.27	7.56	53.28	2.15	--- ^b	1.68	3.50		
05/26/04	10:30 AM	--- ^{a, c}	118.60	34.05	6.20	53.12	2.15	--- ^b	1.75	3.42		
05/27/04	10:30 AM	--- ^{a, c}	118.68	34.00	5.70	53.15	2.84	--- ^b	1.77	3.40		
Began Vapor/Groundwater Extraction From Well A-5												
05/27/04	5:00 PM	--- ^a	--- ^a	33.81	5.77	53.12	2.31	3.60	1.80	3.38		
05/28/04	8:30 AM	--- ^a	--- ^a	33.82	5.75	53.13	2.50	3.48	1.69	3.35		
05/28/04	3:00 PM	--- ^a	--- ^a	33.79	5.75	53.08	2.42	3.49	1.72	3.39		

ABBREVIATIONS:

DTW Depth to water
--- Not measured

NOTES

- a Unable to gauge the water level in the extraction wells
- b Unable to remove the cap from the top of the well.
- c DTW assumed to be at total depth of Stinger inserted into well, 40 feet bgs, as indicated by the dewatering of the well

TABLE 5
SUMMARY OF INFLUENT VAPOR LABORATORY ANALYTICAL RESULTS AND FIELD MEASUREMENTS
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

Date	Time	Sample Name	Sample Location	Extraction Well	PID (ppmv)	Analytical Results (EPA method 8260)						
						GRO (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethyl- benzene (ppmv)	Total Xylenes (ppmv)	MTBE (ppmv)	TBA (ppmv)
Extraction Well A-4												
05/24/04	12:00 PM	INF(A-4)-AM	Influent	A-4	620	560	1.9	2.4	5.4	19	ND<0.68	ND<8.1
	3:00 PM	INF(A-4)-PM	Influent	A-4	330	420	1.8	1.6	2.7	9.5	ND<0.68	ND<8.1
05/25/04	10:30 AM	INF(A-4)-AM	Influent	A-4	286	500	1.2	3.4	3.4	14	ND<0.68	ND<8.1
	2:30 PM	INF(A-4)-PM	Influent	A-4	219	420	1.2	3.7	3.2	14	ND<0.68	ND<8.1
05/26/04	10:00 AM	INF(A-4)-AM	Influent	A-4	144	210	0.68	2.1	1.5	7.2	ND<0.27	ND<3.2
05/27/04	11:30 AM	INF(A-4)-AM	Influent	A-4	150	320	1.1	3.8	8.4	12	ND<0.14	ND<1.6
	2:15 PM	INF(A-4)-PM	Influent	A-4	98.0	11	ND<0.15	0.045	0.063	0.45	ND<0.14	ND<1.6
Extraction Well A-5												
05/27/04	3:40 PM	INF(A-5)-AM	Influent	A-5	238	780	28	19	0.45	2.2	ND<0.14	ND<1.6
05/28/04	10:30 AM	INF(A-5)-AM	Influent	A-5	54	81	1.3	1.1	0.21	1.1	ND<0.14	ND<1.6
	2:00 PM	INF(A-5)-PM	Influent	A-5	46	42	0.49	0.91	0.20	1.3	ND<0.14	ND<1.6
05/29/04	6:00 AM	INF(A-5)-AM	Influent	A-5	25	ND<14	ND<0.15	ND<0.13	0.0387	0.0679	ND<0.14	ND<1.6
Combined Extraction Wells A-5 & A-4												
05/27/04	4:30 PM	INF(A-4/A-5)-AM	Influent	A-4 & A-5	415	---	---	---	---	---	---	---
05/28/04	9:30 AM	INF(A-4/A-5)-AM	Influent	A-4 & A-5	98	140	4.6	2.5	0.22	1.2	ND<0.14	ND<1.6
05/29/04	6:00 AM	INF(A-4/A-5)-AM	Influent	A-4 & A-5	31	9.5748	ND<0.15	ND<0.13	ND<0.11	0.1064	ND<0.14	ND<1.6

ABBREVIATIONS:

- GRO Gasoline Range Organic C4-C12
- ppmv Parts per million by volume
- MTBE Methyl tert-butyl ether
- TBA Tert-butyl alcohol
- PID Photoionization detector
- ND< Not detected at or above specified laboratory reporting limit

NOTES

The laboratory analytical data is also supplied in mg/m³. Please see Appendix D

TABLE 6
SUMMARY OF GROUNDWATER LABORATORY ANALYTICAL RESULTS
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

GROUNDWATER EXTRACTION WELL A-4

Date	Time	Sample Name	Extraction Wells	Water Analytical Results (EPA Method 8260)						
				GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TBA
				(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
05/24/04	3:15 PM	INF(A-4)	A-4	5,800	ND<10	24	82	410	ND<10	ND<100
05/25/04	8:30 AM	INF(A-4)	A-4	3,200	3.3	13	22	140	ND<2.5	58
05/26/04	8:30 AM	INF(A-4)	A-4	710	0.94	3.9	1.6	47	ND<0.50	24

ABBREVIATIONS:

- GRO Gasoline range organics
- MTBE Methyl tert-butyl ether
- TBA Tert-butyl alcohol
- INF Influent
- ug/L Micrograms per liter
- ND< Not detected at or above the specified laboratory reporting limit

TABLE 7
VAPOR MASS OF REMOVAL
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

VAPOR EXTRACTION WELL A-4

Date	Time	Hour Meter	Increment Hours	Flow Rate	Influent Concentrations						GRO		BTEX		MTBE	
					GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Mass Removed	Cumulative Mass Removed	Mass Removed	Cumulative Mass Removed	Mass Removed	Cumulative Mass Removed
					(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)
05/24/04	11:00 AM	13249.7	---	16.2	---	---	---	---	---	---	---	---	---	---	---	---
	12:00 PM	13250.7	1.0	16.8	2,000	6.3	9.3	24	83	ND<2.5	0.124	0.124	0.008	0.008	0.000	
	3:00 PM	13253.8	3.1	17.0	1,500	5.8	6.1	12	42	ND<2.5	0.339	0.463	0.018	0.026	0.000	0.000
05/25/04	10:30 AM	13273.3	19.5	18.7	1,800	4.0	13	15	60	ND<2.5	2.132	2.595	0.102	0.128	0.000	0.000
	2:30 PM	13277.3	4	17.2	1,500	3.9	14	14	63	ND<2.5	0.440	3.034	0.025	0.153	0.000	0.000
05/26/04	10:00 AM ^b	13296.8	19.5	---	740	2.20	8.1	6.5	32	ND<1.0	1.389	4.423	0.089	0.242	0.000	0.000
05/27/04	11:30 AM	13310.4	13.6	16.2	1,200	3.5	15	37	54.0	ND<0.50	0.977	5.400	0.066	0.308	0.000	0.000
	2:15 PM	13312.9	2.5	14.3	40	ND<0.50	0.17	0.28	2.0	ND<0.50	0.092	5.493	0.008	0.316	0.000	0.000

VAPOR EXTRACTION WELL CHANGED TO A-5

05/27/04	3:00 PM	13313.9	1.0	14.8	2800	91.0	74.00	2.0	9.7	ND<0.50	0.153	0.153	0.010	0.010	0.000	0.000
05/28/04	10:30 AM	13333.4	19.5	11.8	290	4.3	4.3	0.92	5.0	ND<0.50	1.617	1.770	0.100	0.110	0.000	0.000
	2:00 PM	13337.0	3.6	12.3	150	1.6	3.5	0.88	5.7	ND<0.50	0.035	1.805	0.002	0.112	0.000	0.000
05/29/04	6:00 AM	13353.0	16.0	11.1	ND<50	ND<0.50	ND<0.50	0.17	0.30	ND<0.50	0.055	1.859	0.004	0.117	0.000	0.000

ABBREVIATIONS:

GRO Gasoline Range Organ
MTBE Methyl tert-butyl ether
mg/m³ Milligrams per cubic meter
SCFM Standard cubic feet per minute
lbs Pounds

NOTES:

- a lbs = [(influent concentration [mg/m³])*(flow rate [scfm])*(24hr/day)*(60min/hr)*(0.001g/mg)*(0.028 m³/ft³)*(0.0022 lb/g)]* (operational time days)
where the influent concentration and flow rate are averages of the monitoring event and the previous one.
- b The system flow rate was not measured. The previous measurement was used in the mass removal calculation.

TABLE 8
GROUNDWATER MASS REMOVAL
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

EXTRACTION WELL A-4

Date	Time	Well A-4 Totalizer (gal)	Increment Volume Discharged (gal)	Influent Concentrations			GRO		BTEX		MTBE	
				GRO	BTEX	MTBE	Mass Removed ^a	Cumulative Mass	Mass Removed ^a	Cumulative Mass	Mass Removed ^a	Cumulative Mass
				(ug/L)	(ug/L)	(ug/L)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)
05/24/04	3:15 PM	114,080	0	5,800	516	ND<100	0.000	0.000	0.000	0.000	0.000	0.000
05/25/04	8:30 AM	114,100	20	3,200	175	ND<2.5	0.001	0.001	0.000	0.000	0.000	0.000
05/26/04	8:30 AM	114,106	6	710	53	ND<0.50	0.000	0.001	0.000	0.000	0.000	0.000
05/27/04	10:00 AM	114,200	94	---	---	---	0.001	0.001	0.000	0.000	0.000	0.000

ABBREVIATIONS:

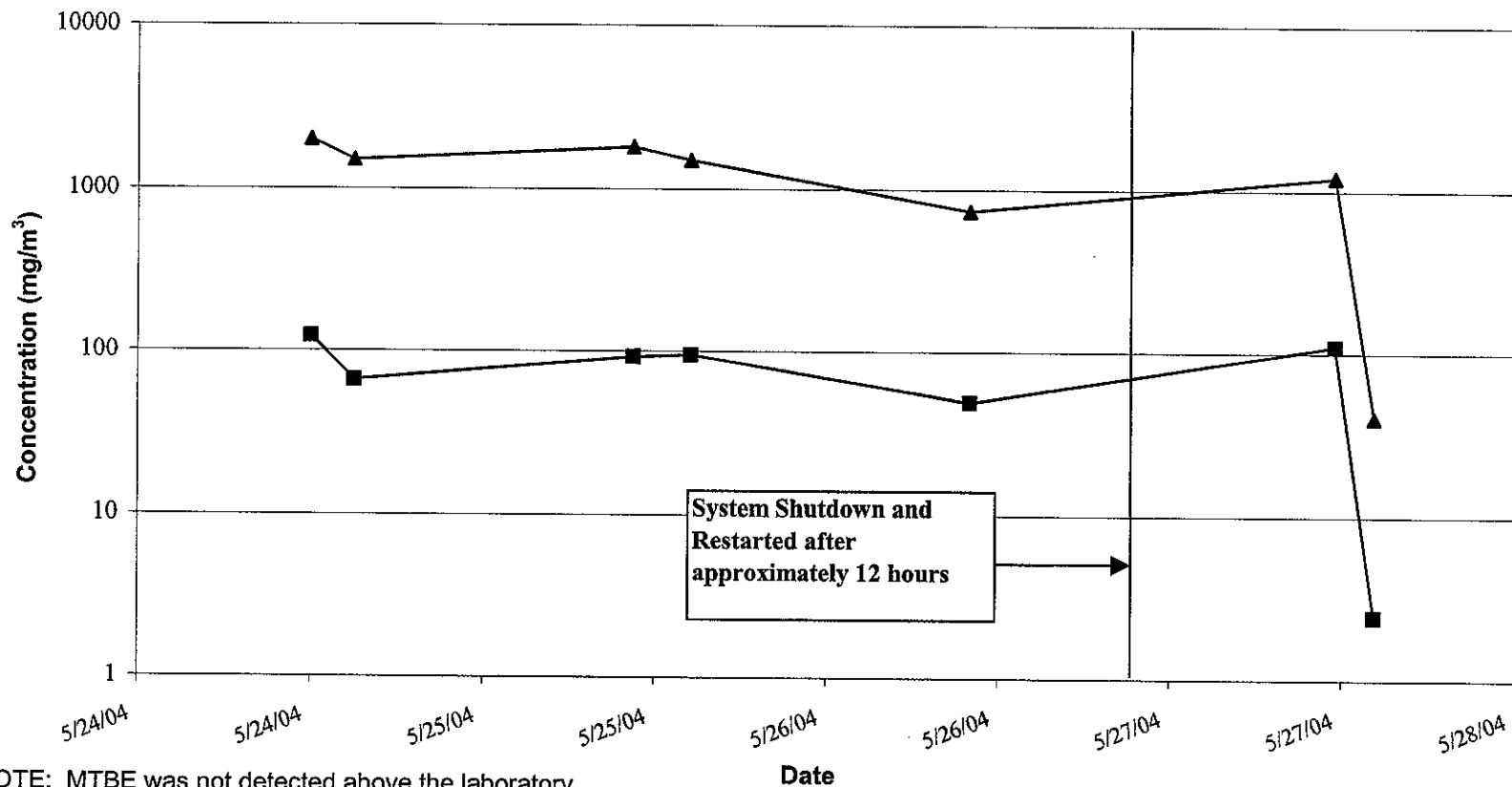
GRO Gasoline range organics
MTBE Methyl tert-butyl ether
ug/L Micrograms per liter
gal Gallons
lbs Pounds

NOTES:

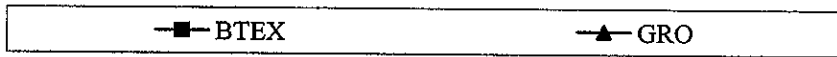
a lbs removed = (gal GW extracted)*(ug/l removed)*(2.2 lb/kg)*(3.785 l/gal)*(10⁻⁹ kg/ug)

**GRAPH 1
SOIL VAPOR CONCENTRATIONS VS. TIME
INFLUENT**

Extraction Well A-4
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California

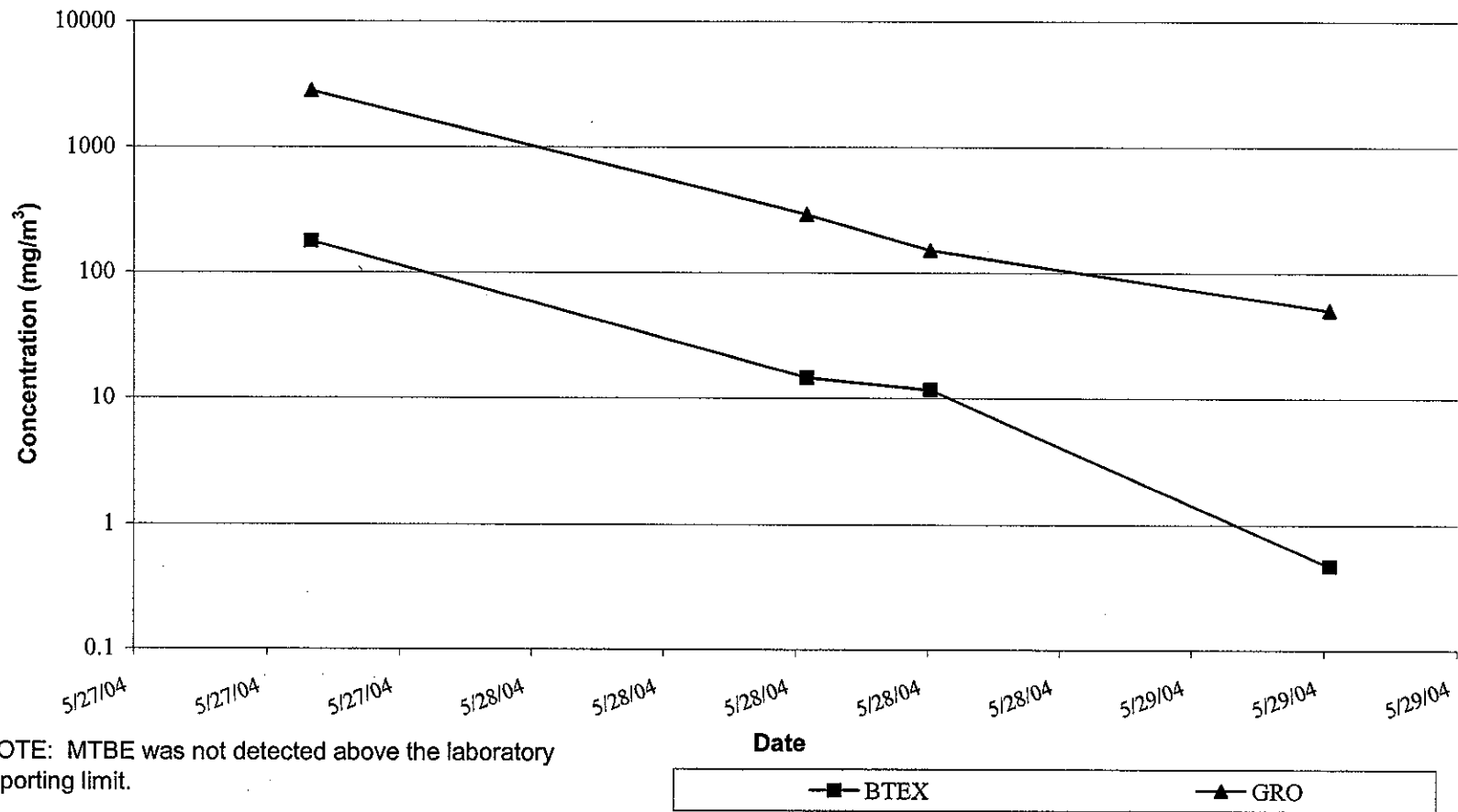


NOTE: MTBE was not detected above the laboratory reporting limit.

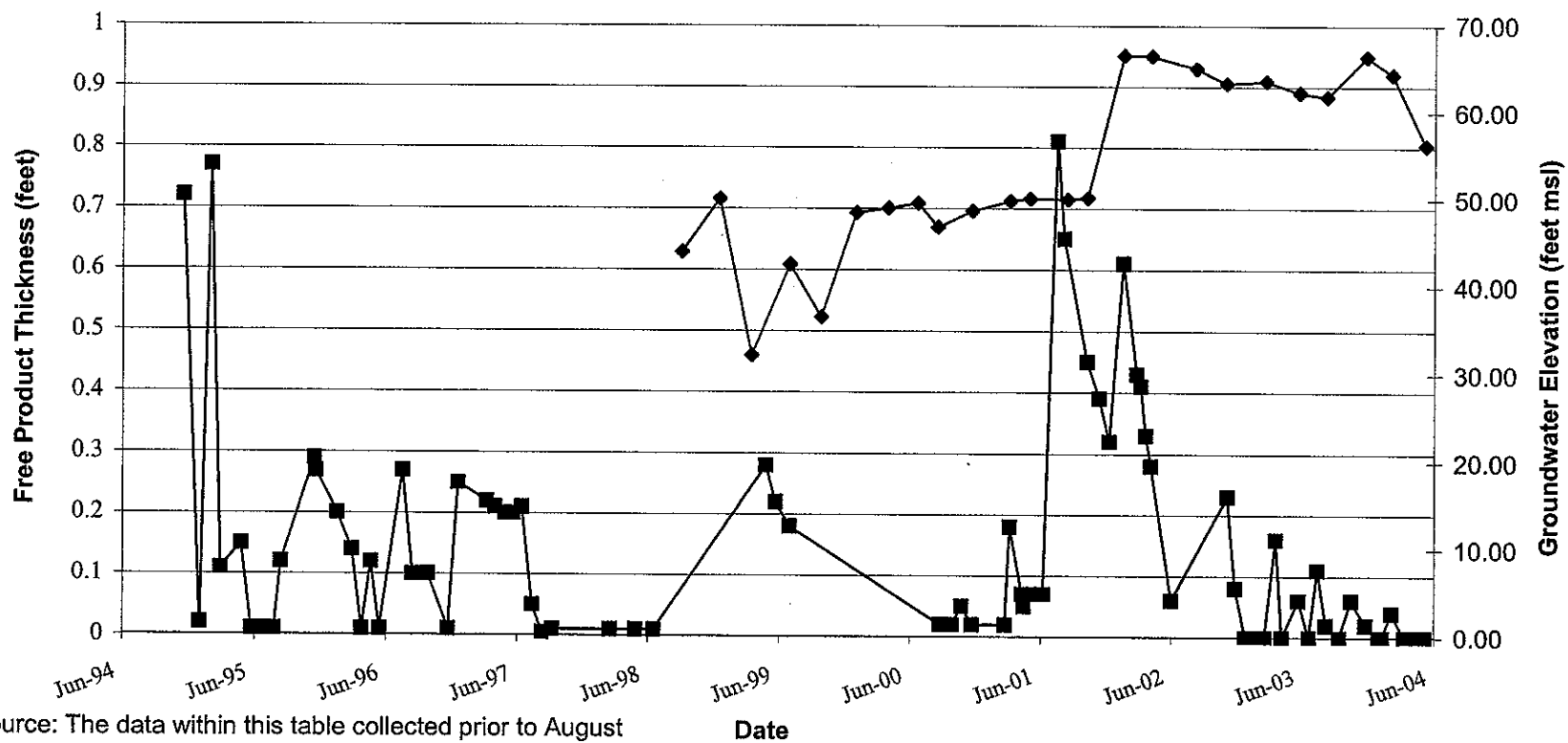


**GRAPH 2
SOIL VAPOR CONCENTRATIONS VS. TIME
INFLUENT**

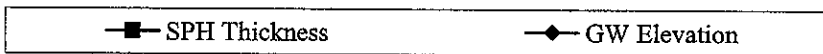
**Extraction Well A-5
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California**



GRAPH 3
FREE PRODUCT CONCENTRATIONS VS. TIME
Extraction Well A-4
Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California



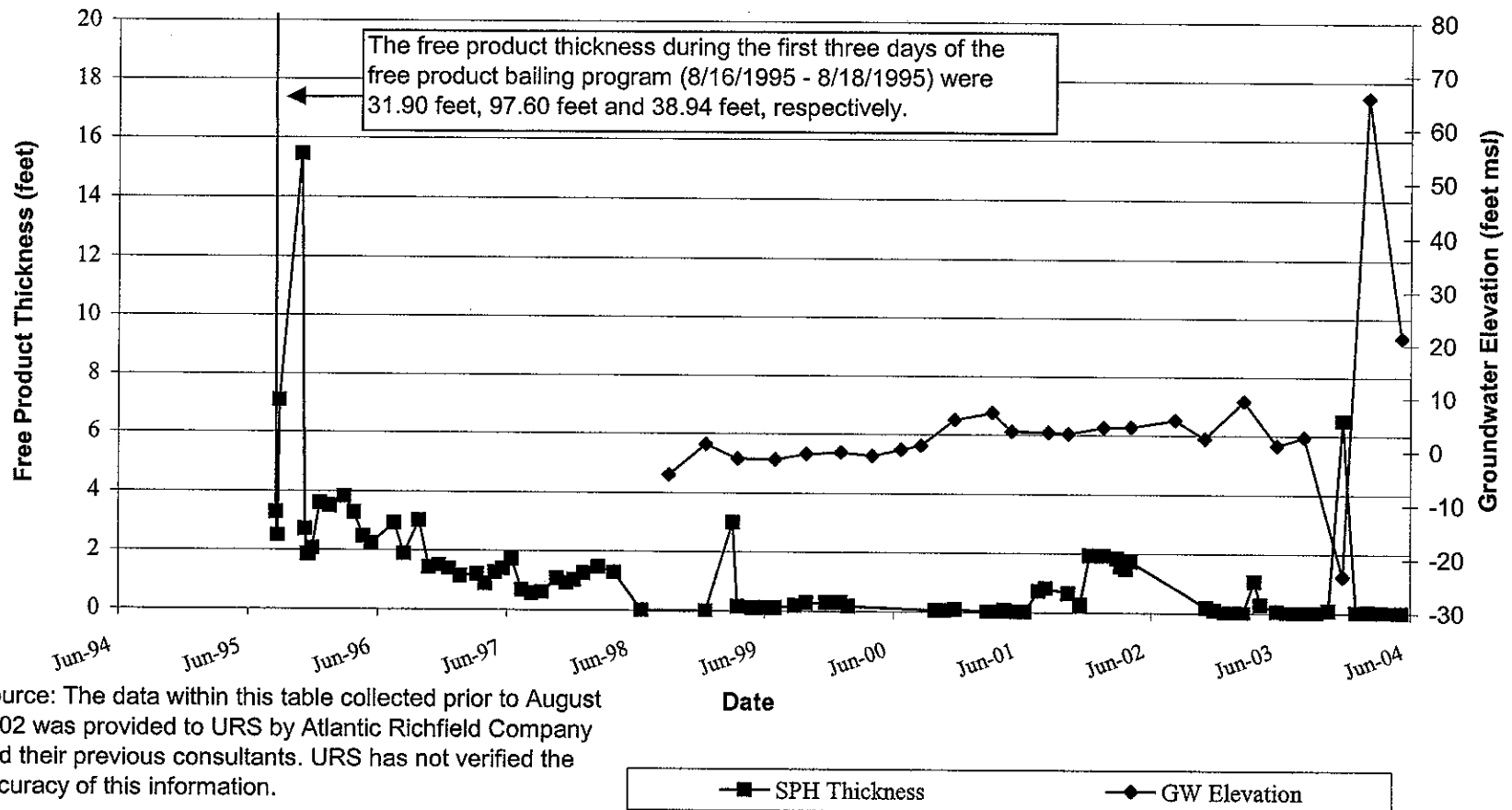
Source: The data within this table collected prior to August 2002 was provided to URS by Atlantic Richfield Company and their previous consultants. URS has not verified the accuracy of this information.



GRAPH 4 FREE PRODUCT CONCENTRATIONS VS. TIME

Extraction Well A-5

Atlantic Richfield Company Service Station #6228
2747 Pinole Valley Road, Pinole, California



Source: The data within this table collected prior to August 2002 was provided to URS by Atlantic Richfield Company and their previous consultants. URS has not verified the accuracy of this information.

APPENDIX D

Sensitive Receptor Survey Data

California Natural Diversity Database Results

Record	QUADNAME	ELMCODE	SCINAME	COMNAME	FEDSTATUS	CALSTATUS	DFGSTATUS	CNPPLIST
1	Richmond	AAABH01022	<i>Rana draytonii</i>	California red-legged frog	Threatened	None	SSC	
2	Richmond	ABNGA06030	<i>Egretta thula</i>	snowy egret	None	None		
3	Richmond	ABNGA11010	<i>Nycticorax nycticorax</i>	black-crowned night heron	None	None		
4	Richmond	ABNKC06010	<i>Elanus leucurus</i>	white-tailed kite	None	None	FP	
5	Richmond	ABNME03041	<i>Laterallus jamaicensis coturniculus</i>	California black rail	None	Threatened	FP	
6	Richmond	ABNME05016	<i>Rallus longirostris obsoletus</i>	California clapper rail	Endangered	Endangered	FP	
7	Richmond	ABNNM08020	<i>Hydroprogne caspia</i>	Caspian tern	None	None		
8	Richmond	ABNSB10010	<i>Athene cunicularia</i>	burrowing owl	None	None	SSC	
9	Richmond	ABPBXA301S	<i>Melospiza melodia pusillula</i>	Alameda song sparrow	None	None	SSC	
10	Richmond	ABPBXA301W	<i>Melospiza melodia samuelis</i>	San Pablo song sparrow	None	None	SSC	
11	Richmond	ABPBXB3010	<i>Xanthocephalus xanthocephalus</i>	yellow-headed blackbird	None	None	SSC	
12	Richmond	AFCQB07010	<i>Archoplites interruptus</i>	Sacramento perch	None	None	SSC	
13	Richmond	AMABA01071	<i>Sorex vagrans halicoetes</i>	salt-marsh wandering shrew	None	None	SSC	
14	Richmond	AMACC02010	<i>Lasionycteris noctivagans</i>	silver-haired bat	None	None		
15	Richmond	AMACC05030	<i>Lasiurus cinereus</i>	hoary bat	None	None		
16	Richmond	AMACC10010	<i>Antrozous pallidus</i>	pallid bat	None	None	SSC	
17	Richmond	AMACD04020	<i>Nyctinomops macrotis</i>	big free-tailed bat	None	None	SSC	
18	Richmond	AMAFF02040	<i>Reithrodontomys raviventris</i>	salt-marsh harvest mouse	Endangered	Endangered	FP	
19	Richmond	AMAFF11034	<i>Microtus californicus sanpabloensis</i>	San Pablo vole	None	None	SSC	
20	Richmond	ARAAD02030	<i>Emys marmorata</i>	western pond turtle	None	None	SSC	
21	Richmond	ARADB21031	<i>Masticophis lateralis euryxanthus</i>	Alameda whipsnake	Threatened	Threatened		
22	Richmond	CTT37C10CA	Northern Maritime Chaparral	Northern Maritime Chaparral	None	None		
23	Richmond	CTT42110CA	Valley Needlegrass Grassland	Valley Needlegrass Grassland	None	None		
24	Richmond	CTT52110CA	Northern Coastal Salt Marsh	Northern Coastal Salt Marsh	None	None		
25	Richmond	IILEPP2010	<i>Danaus plexippus</i>	monarch butterfly	None	None		
26	Richmond	IILEPP2010	<i>Danaus plexippus</i>	monarch butterfly	None	None		
27	Richmond	ILARA47040	<i>Microcina leei</i>	Lee's micro-blind harvestman	None	None		
28	Richmond	IMGASC2362	<i>Helminthoglypta nickliniana bridgesi</i>	Bridges' coast range shoulderband	None	None		
29	Richmond	PDAST4M020	<i>Helianthella castanea</i>	Diablo helianthella	None	None		1B.2
30	Richmond	PDAST4X020	<i>Holocarpha macradenia</i>	Santa Cruz tarplant	Threatened	Endangered		1B.1
31	Richmond	PDBOR01070	<i>Amsinckia lunaris</i>	bent-flowered fiddleneck	None	None		1B.2
32	Richmond	PDCHEOP020	<i>Suaeda californica</i>	California seablite	Endangered	None		1B.1
33	Richmond	PDCON040D2	<i>Calystegia purpurata ssp. saxicola</i>	coastal bluff morning-glory	None	None		1B.2
34	Richmond	PDERI04110	<i>Arctostaphylos pallida</i>	pallid manzanita	Threatened	Endangered		1B.1
35	Richmond	PDFAB0F8R1	<i>Astragalus tener var. tener</i>	alkali milk-vetch	None	None		1B.2
36	Richmond	PDFAB400R5	<i>Trifolium hydrophilum</i>	saline clover	None	None		1B.2
37	Richmond	PDFAB5Z030	<i>Hoita strobilina</i>	Loma Prieta hoita	None	None		1B.1
38	Richmond	PDGER01070	<i>California macrophylla</i>	round-leaved filaree	None	None		1B.1
39	Richmond	PDSCROJOC3	<i>Chloropyron maritimum ssp. palustre</i>	Point Reyes bird's-beak	None	None		1B.2
40	Richmond	PDTHY03010	<i>Dirca occidentalis</i>	western leatherwood	None	None		1B.2
41	Richmond	PMLILOVOCO	<i>Fritillaria liliacea</i>	fragrant fritillary	None	None		1B.2



STATION #6228

ID	LOCATION	OWNER	TYPE
①	2900 Pinole Valley Road	Pinole Valley High School	School
②	1301 Pinole Valley Road	Kaiser Permanente Pinole Medical Offices	Medical Clinic



— 2000 ft. Radius



IMAGE SOURCE: USGS

APPROXIMATE SCALE (mi)



1370 Ridgewood Dr., Suite 5
Chico, California 95973

Project No.: 09-88-709 Date: 4/30/2013

ARCO Service Station #6228
2747 Pinole Valley Road
Pinole, California

Potential Sensitive Receptor
Site Location Map

Drawing

D1

MAP LAYERS

- Leaking Underground Storage Tank (LUST) Cleanup Sites
- Cleanup Program Sites
- Land Disposal Sites
- Military Sites
- WDR Sites
- Irrigated Lands Regulatory Program
- Permitted Underground Storage Tank (UST) Facilities
- Oil and Gas Monitoring
- Non-Case Information / Project Sites
- Sampling Points - Public
- Field Points
- DTSC Cleanup Sites
- DTSC Haz Waste Permit
- DWR Groundwater Basins - [INFO](#)
- Public Water Systems - [INFO](#)

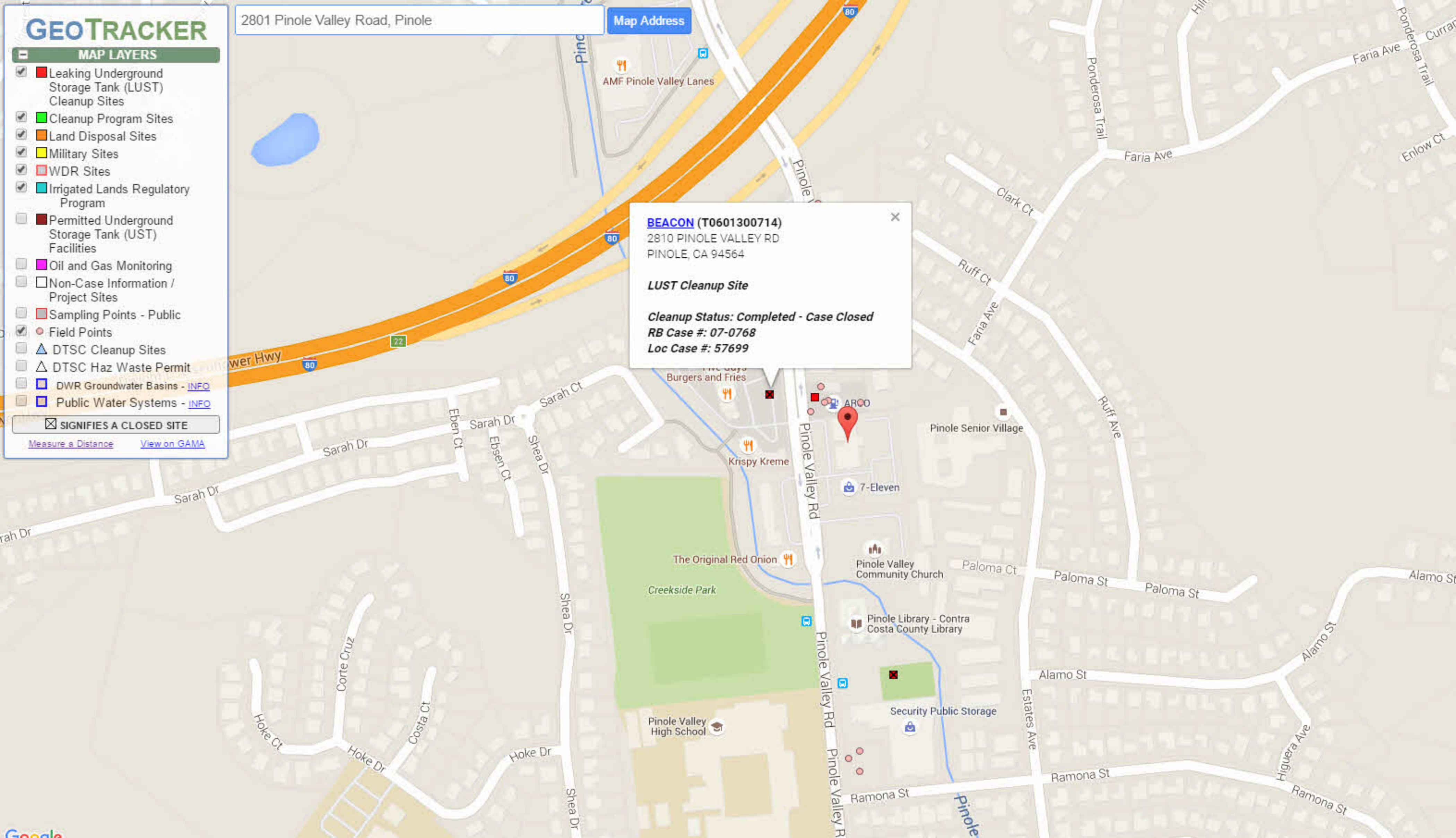
SIGNIFIES A CLOSED SITE

[Measure a Distance](#) [View on GAMA](#)

BEACON (T0601300714)
2810 PINOLE VALLEY RD
PINOLE, CA 94564

LUST Cleanup Site

Cleanup Status: Completed - Case Closed
RB Case #: 07-0768
Loc Case #: 57699



BEACON (T0601300714) - (MAP) [SIGN UP FOR EMAIL ALERTS](#)

2810 PINOLE VALLEY RD
 PINOLE, CA 94564
 CONTRA COSTA COUNTY
 LUST CLEANUP SITE
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 07-0768
 CASEWORKER: [MARTIN MUSONGE](#)
 CONTRA COSTA COUNTY - CASE #: 57699
 CASEWORKER: [SUE LOYD](#)

CUF Claim #: 14144
 CUF Priority Assigned: C
 CUF Amount Paid: \$104,447

- Summary
- Cleanup Action Report
- Regulatory Activities
- Environmental Data (ESI)
- Site Maps / Documents
- Community Involvement
- Related Cases
- LUST Fund Data

Regulatory Profile

CLEANUP STATUS - [DEFINITIONS](#)
COMPLETED - CASE CLOSED AS OF 3/13/2008 - [CLEANUP STATUS HISTORY](#)

<p>POTENTIAL CONTAMINANTS OF CONCERN GASOLINE</p> <p>FILE LOCATION</p> <p>DWR GROUNDWATER SUB-BASIN NAME</p>	<p>POTENTIAL MEDIA OF CONCERN OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)</p> <p>BENEFICIAL USE NONE SPECIFIED</p> <p>RB WATERSHED NAME San Pablo - Pinole (206.60)</p>
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Site History
 No site history available

March 31, 2006

Project No. 044-03006

City of Pinole Redevelopment Agency
c/o Ms. Cynthia Romer
TKG Pinole Valley Two, LLC
214 Grant Street, Suite 325
San Francisco, California 94108

RE: Summary of Findings
March 9, 2006 Groundwater Monitoring Event
Beacon Station
2810 Pinole Valley Road
Pinole, California
USTCF Claim No. 014144

Dear Ms. Romer:

On March 9, 2006, Krazan completed a round of groundwater monitoring using the nine monitoring wells associated with the subject site. The following report presents the results of the monitoring and laboratory analytical results. A detailed summary of the site environmental history is presented in a March 7, 2003 report prepared by Grayland Environmental of Davis, California. As a convenience for the reader, copies of tables containing historical soil and groundwater analytical data are attached to this report. Krazan conducted the work on behalf of TKG Pinole Valley Two, LLC, which is acting as the agent for the City of Pinole Redevelopment Agency (CPRA) with regard to assessment of petroleum hydrocarbon constituents (PHCs) at the site. This site is being assessed under the auspices of the State of California Underground Storage Tank Cleanup Fund (USTCF). The USTCF Claim Number is 014144.

Water Level Measurements

Table I summarizes the installation dates, total depths, and screen intervals of the nine monitoring wells. Water levels of the nine monitoring wells were sounded on March 9, 2006 (Table II). The ground surface across the site has approximately 5.5 feet of relief. Depth to groundwater beneath the subject site was approximately 6 to 9 feet below ground surface (bgs). A potentiometric surface map of the unconfined water table (Figure 1) was generated using the groundwater depths measured from the surveyed measuring point elevations of the monitoring wells. The estimated groundwater flow direction for the March 9, 2006 monitoring event was approximately west-northwest at an average gradient of approximately 0.033 feet per foot (175 feet per mile). Groundwater depths, gradients, and flow directions can vary with seasonal groundwater withdrawals, aquifer recharge, the operation of municipal water supply wells and/or groundwater remedial extraction wells, and the influence of the west adjacent stream.

Field Observations

During the March 9, 2006 groundwater monitoring event, the nine monitoring wells were purged of three casing volumes and groundwater parameters were measured prior to collection of groundwater samples. The wells were purged and samples were collected using disposable polypropylene bailers and nylon cord. Sample collection, storage, and transport were conducted using USEPA sampling and sample chain-of-custody protocols. Purge volumes and the final groundwater parameter measurements are summarized in Table III. The purged groundwater is being stored on-site in a sealed 55-gallon barrel.

Groundwater from the nine wells ranged from clear to turbid. Groundwater from MW-4 had a very strong petroleum product odor. Groundwater from MW-3, MW-7, TW-1 and TW-2 had a strong petroleum product odor. Groundwater from MW-2 and MW-6 had a slight petroleum product odor. No PHC odor was noted in the groundwater from well MW-1.

Petroleum Hydrocarbon Constituent Groundwater Sample Analytical Results

The groundwater samples collected March 9, 2006 were analyzed for PHCs and fuel oxygenates according to the following:

Constituent	Definition and Analytical Method
TPH-G	Total petroleum hydrocarbons as gasoline by EPA Method 8015B.
BTEX	Benzene, toluene, ethyl benzene, xylenes by EPA Method 8021B.
MTBE	Methyl tert-butyl ether by EPA Method 8260B.
DIPE	Di-isopropyl ether by EPA Method 8260B.
ETBE	Ethyl tert-butyl ether by EPA Method 8260B.
TAME	Tert-amyl methyl ether by EPA Method 8260B.
TBA	Tert-butyl ether by EPA Method 8260B.

The analysis of groundwater samples by Method 8260B was performed in accordance Krazan's April 1, 2005 workplan. The workplan proposed that groundwater samples be analyzed for the listed EPA Method 8260 constituents for two consecutive quarters, to determine the presence or absence of target fuel oxygenate constituents. As analysis by Method 8260 was performed on the groundwater samples collected on December 23, 2005, the March 9, 2006 sampling represents the second consecutive quarter of performing the analysis on the collected groundwater samples. Groundwater analytical results for PHCs and fuel oxygenates are summarized on Table IV.

The March 9, 2006 sample analytical results indicate the presence of TBA in the MW-3 and MW-7 groundwater samples, at concentrations of 53 micrograms per liter ($\mu\text{g/l}$) and 52 $\mu\text{g/l}$, respectively. TBA was not detected in groundwater samples from the other monitoring wells. None of the collected groundwater samples indicated detectable concentrations of the fuel oxygenates DIPE, ETBE and TAME. Based on these analytical results, Krazan proposes continuing quarterly Method 8260B analysis at wells MW-3 and MW-7, and semi-annual Method 8260B analysis for the other on site groundwater monitoring wells.

As shown on Table II, the depth of the water table is approximately 0.80 to 2.5 feet above the screen intervals of the nine monitoring wells. It is Krazan's experience that concentrations of PHCs within groundwater samples collected from monitoring wells with "submerged" screens generally tend to be reported in concentrations that are less than the concentrations that are actually present in the groundwater. The groundwater levels will continue to be monitored on a quarterly basis.

In addition to the noted PHCs and fuel oxygenate constituents, the groundwater samples collected on March 9, 2006 were also analyzed for metals (including lead), general minerals, nitrate, and total Kjeldahl nitrogen (TKN), in accordance with the workplan. Groundwater analytical results for general minerals and metals (including lead) are summarized on Table V. The table also indicates the analysis method for each noted constituent. Copies of the laboratory analytical report and chain-of-custody for the March 9, 2006 groundwater monitoring event are attached.

Limitations

The findings of this report were based upon the results of our field and laboratory investigations. Therefore, the data are accurate only to the degree implied by review of the data obtained and by professional interpretation.

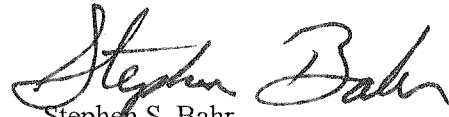
Chemical testing was done by a laboratory certified by the State of California Department of Health Services. The results of the chemical testing are accurate only to the degree of care of ensuring the testing accuracy and the representative nature of the samples obtained.

The findings presented herewith are based on professional interpretation using state of the art methods and equipment and a degree of conservatism deemed proper as of this report date. It is not warranted that such data cannot be superseded by future geotechnical, environmental, or technical developments.

Closing

Krazan appreciates the opportunity to provide professional consulting services to TKG Pinole Valley Two, LLC. Please contact us if you have any questions or if we could be of further assistance.

Respectfully submitted,
KRAZAN & ASSOCIATES, INC.



Stephen S. Bahr
E.I.T. No. 117047



Arthur H. Morrill
Professional Geologist No. 5383

SSB/AHM/awf

Attachments

- 1c: Mr. Martin Musonge, Regional Water Quality Control Board, San Francisco Region
- 1c: Mr. Andrew Reid, CPRA

TABLE I
 Site Wells
 2810 Pinole Valley Road
 Pinole, California

Well No.	Installation Date	Installed by	Total Depth (feet bgs)	Screen Interval (feet bgs)	Reference Elevation ²
MW-1	June 12, 2002	Grayland	28.5	8.5-28.5	64.32
MW-2	June 12, 2002	Grayland	28.8	8.8-28.8	62.77
MW-3	June 12, 2002	Grayland	28.3	8.3-28.3	61.52
MW-4	June 12, 2002	Grayland	28.0	8.0-28.0	65.96
MW-5	December 19, 2005	Krazan	27.5	7.5-27.5	63.19
MW-6	December 19, 2005	Krazan	28.0	8.0-28.0	62.93
MW-7	December 20, 2005	Krazan	27.8	7.8-27.8	65.66
TW-1	August 1984	Texaco	17.0	0.0-17.0 ¹	66.84
TW-2	August 1984	Texaco	16.0	0.0-16.0 ¹	67.11

1. The TW-1 and TW-2 screen intervals are based on visual inspection of well casings.

2. Reference elevations according to the January 24, 2006 well survey by Virgil Chavez Land Surveying.

TABLE II

Water Level Data
 2810 Pinole Valley Road
 Pinole, California
 March 9, 2006 Sampling

		MW-1		MW-2		MW-3		MW-4	
		Reference Elevation 64.32 (ft amsl)		Reference Elevation 62.77 (ft amsl)		Reference Elevation 61.52 (ft amsl)		Reference Elevation 65.96 (ft amsl)	
Sounding Date	Water Depth (ft bmp)	Water Elev (ft amsl)	Water Depth (ft bmp)	Water Elev (ft amsl)	Water Depth (ft bmp)	Water Elev (ft amsl)	Water Depth (ft bmp)	Water Elev (ft amsl)	Water Elev (ft amsl)
Apr. 22, 2004	8.80	55.52	11.29	51.48	12.80	48.72	10.10	55.86	
Jan. 25, 2005	8.09	56.23	10.11	52.66	9.38	52.14	NM	NM	
Dec. 23, 2005	6.90	57.42	8.80	53.97	7.95	53.57	6.47	59.49	
March 9, 2006	5.96	58.36	7.72	55.05	7.01	54.51	5.36	60.60	
		MW-5		MW-6		MW-7		TW-1	
		Reference Elevation 63.19 (ft amsl)		Reference Elevation 62.93 (ft amsl)		Reference Elevation 65.66 (ft amsl)		Reference Elevation 66.84 (ft amsl)	
Sounding Date	Water Depth (ft bmp)	Water Elev (ft amsl)	Water Depth (ft bmp)	Water Elev (ft amsl)	Water Depth (ft bmp)	Water Elev (ft amsl)	Water Depth (ft bmp)	Water Elev (ft amsl)	Water Elev (ft amsl)
Dec. 23, 2005	8.40	54.79	9.59	53.34	7.43	58.23	9.96	56.88	57.08
March 9, 2006	7.90	55.29	7.21	55.72	6.38	59.28	8.71	58.13	58.02

ft amsl = Feet above mean sea level.

ft bmp = Feet below surveyed measuring point on north side of PVC well casing, as determined by the January 24, 2006 survey by Virgil Chavez Land Surveying

NM = Not measured, casing damaged.

TABLE III
 Groundwater Parameters
 2810 Pinole Valley Road
 Pinole, California
 March 9, 2006 Sampling

Monitoring Well	Purge Volume (gallons)	Temperature (Degree C)	pH (Std. Units)	Specific Electrical Conductance (μ mhos/cm)
MW-1	10	17.8	6.95	2380
MW-2	10	17.7	7.20	2380
MW-3	10	17.7	7.07	1840
MW-4	10	17.5	7.51	1400
MW-5	10	17.8	7.25	2390
MW-6	10	18.0	7.62	2280
MW-7	10	18.0	7.82	2350
TW-1	7	17.7	7.36	880
TW-2	20	17.6	6.70	858

Degree C = Degrees Celsius as measured in the field.
 Std. Units = Standard pH units as measured in the field.
 μ mhos/cm = Micromhos per centimeter as measured in the field.
 mg/l = Milligrams per liter as measured in the field.

TABLE IV
 Cumulative Groundwater Sample Analytical Results
 2810 Pinole Valley Road
 March 9, 2006 Sampling
 (Concentrations reported in micrograms per liter [$\mu\text{g/l}$])

Sample/Well No./Sample Date	TPH-G	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
UST Excav/Pinole-005										
January 13, 1999	550	1.1	25.0	12.0	52.0	28.0	NA	NA	NA	NA
June 12-13, 2002 Soil Borings										
Boring B5-W-19	17,000	520	66	640	2000	260	NA	NA	NA	NA
Boring B6-W-19	1200	65	7.9	44	85	41	NA	NA	NA	NA
Boring B7-W-19	22,000	3300	2100	850	2500	29,000	NA	NA	NA	NA
MW-1										
January 27, 2003	ND	ND	ND	ND	ND	93	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	19	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
December 23, 2005	ND	0.72	ND	ND	ND	6.8	ND	ND	ND	ND
March 9, 2006	ND	ND	ND	ND	ND	9.5	ND	ND	ND	ND
MW-2										
January 27, 2003	180	3.9	ND	14	1.8	70	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
December 23, 2005	ND	0.54	0.68	ND	ND	2.0	ND	ND	ND	ND
March 9, 2006	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND
MW-3										
January 27, 2003	ND	ND	ND	ND	ND	3900	NA	NA	NA	NA
April 22, 2004	ND	ND	ND	ND	ND	280	NA	NA	NA	NA
January 25, 2005	ND	ND	ND	ND	ND	310	NA	NA	NA	NA
December 23, 2005	ND	ND	ND	ND	ND	560	ND	ND	ND	ND
March 9, 2006	ND	1.9	ND	ND	ND	390	ND	ND	ND	53
MW-4										
January 27, 2003	1000	190	6.0	39	38	1400	NA	NA	NA	NA
April 22, 2004	2200	290	12	120	2.1	370	NA	NA	NA	NA
December 23, 2005	120	1.6	1.7	ND	ND	640	ND	ND	ND	ND
March 9, 2006	210	91	1.8	1.9	7.8	26	ND	ND	ND	ND
MW-5										
December 23, 2005	ND	ND	ND	ND	ND	16	ND	ND	ND	ND
March 9, 2006	ND	ND	ND	ND	ND	23	ND	ND	ND	ND
MW-6										
December 23, 2005	8300	170	32	150	140	ND	ND	ND	ND	ND
March 9, 2006	3100	630	8.6	310	180	ND	ND	ND	ND	ND

TABLE IV (Cont.)

Sample/Well No./Sample Date	TPH-G	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
MW-7										
December 23, 2005	29,000	1200	140	640	2700	1.3	ND	ND	58	ND
March 9, 2006	4600	780	26	230	470	42	ND	ND	ND	52
TW1										
January 27, 2002	1000	46	0.63	56	15	0.59	NA	NA	NA	NA
January 25, 2005	500	6.4	1.1	8.4	8.1	ND	NA	NA	NA	NA
December 23, 2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
March 9, 2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-2										
January 27, 2002	17,000	230	22	130	950	ND	NA	NA	NA	NA
January 25, 2005	15,000	220	88	370	1300	ND	NA	NA	NA	NA
December 23, 2005	3500	6.1	2.1	1.3	32	ND	ND	ND	ND	ND
March 9, 2006	800	11	1.7	2.0	6.0	ND	ND	ND	ND	ND

TPH-G = Total petroleum hydrocarbons as gasoline by EPA Method 8015B.
 BTEX= Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8021B.
 MTBE = Methyl tertiary-butyl ether by EPA Method 8260B.
 ND = Analyte not detected at or above the laboratory reporting limit.
 DIPE = Di-isopropyl ether by EPA Method 8260B.
 ETBE= Ethyl tert-butyl ether by EPA Method 8260B.
 TAME = Tert-amyl methyl ether by EPA Method 8260B.
 TBA = Tert-butyl ether by EPA Method 8260B.
 NA = Not analyzed.

TABLE V
 Groundwater Sample Results – General Minerals, Metals
 2810 Pinole Valley Road
 Pinole, California
 March 9, 2006 Sampling

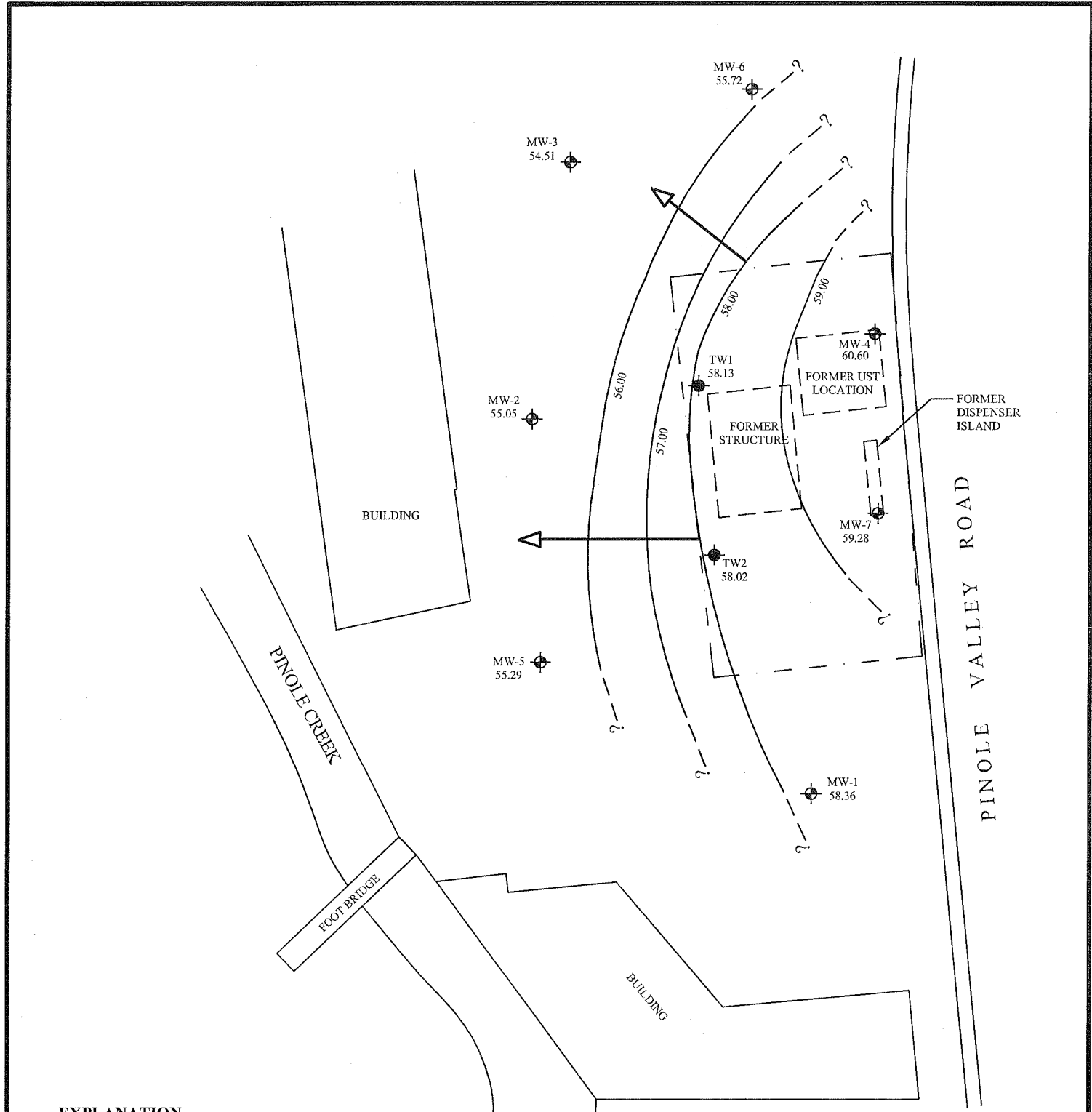
Analyte	Analytical Method	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	TW-1	TW-2	Concentration Units
Alkalinity	EPA 310.1	528	524	464	205	410	748	500	292	179	mg/l
Bicarbonate	EPA 310.1	528	524	464	205	410	748	500	292	179	mg/l
Specific Conductivity	EPA 120.1	1850	1960	1730	415	2080	2260	1130	2060	692	µmho/cm
Iron	EPA 200.7	2.0	27	2.1	8.5	9.9	16	16	1.3	1.4	mg/l
Lead	EPA 200.7	ND	ND	ND	0.021	ND	ND	ND	ND	0.026	mg/l
Magnesium	EPA 200.7	57	52	44	7.2	71	66	36	50	18	mg/l
Manganese	EPA 200.7	0.47	3.2	0.72	0.51	2.2	3.4	7.2	0.069	0.13	mg/l
Nitrate as N	EPA 353.3	1.60	1.60	0.900	1.20	2.60	0.900	2.20	0.700	0.900	mg/l
Total Kjeldahl Nitrogen	EPA 351.3	1.78	2.77	2.74	1.53	2.51	2.81	3.13	2.62	1.63	mg/l
pH	EPA 150.1	7.01	6.81	7.21	7.08	6.81	6.80	6.56	6.71	6.46	mg/l
Potassium	EPA 200.7	2.8	4.1	2.7	2.5	7.5	11	8.6	2.9	2.0	STD
Sodium	EPA 200.7	250	240	270	80	260	380	220	310	79	mg/l
Sulfate as SO ⁴	EPA 375.4	355	320	200	19.0	475	200	25.0	700	200	mg/l
Total dissolved solids	EPA 160.1	1300	1370	1210	290	1460	1580	793	1440	484	mg/l

mg/L = Milligrams per liter.

µmho/cm = Micromhos per centimeter.

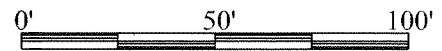
STD = Standard units of measurement in powers of hydrogen.

ND = Analyte not detected at or above the laboratory reporting limit.



EXPLANATION

- — — — — FENCE LINE
- ?- - - 56.00 GROUNDWATER POTENTIOMETRIC SURFACE CONTOUR WITH ELEVATION IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE APPROXIMATE)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- ⊕ MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- ⊙ TEXACO MONITORING WELL (PRE-1999)



SCALE IN FEET (±)
 *ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

POTENTIOMETRIC SURFACE MAP MARCH 9, 2006	Scale:	Date:	Krazan SITE DEVELOPMENT ENGINEERS Offices Serving the Western United States
	AS SHOWN	3/06	
PINOLE VALLEY BEACON 2810 PINOLE VALLEY ROAD PINOLE, CALIFORNIA	Drawn by: S. A.	Approved by: S. B.	
	Project No. 044-03006	Figure No. 1	

September 7, 2006

Project No. 044-03006

Mr. Martin Musonge
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

RE: Request for Authorization for Site Grading
Former Beacon Station
2810 Pinole Valley Road
Pinole, California
RWCQB File No. 07-0768 (MYM)

Dear Mr. Musonge:

Thank you for meeting on August 31, 2006 with me and Ms. Cynthia Romer whom represented The City of Pinole and TKG Pinole Valley II, LLC (TKG). The purpose of this letter is to outline the intended grading of the portion of the site occupied by asphalt concrete pavement. The area to be graded includes the area of the site formerly occupied by the Beacon station. The assessment and monitoring of environmental issues to occur before and during the site grading work are included herein.

Intended Site Grading

The location of the area to be graded is shown on an attached figure provided by Johnson Lyman Architects. Essentially, the area formally occupied by the Beacon site is approximately two feet above the grade of the surrounding paved parking lot. TKG purposes to remove (cut) two feet of soil from within the footprint of the former Beacon station and fill the portion of the existing parking area located north of the former Beacon station. At this time, TKG would prefer to use the cut soil for fill material. However, TKG is also prepared to transport the cut soil for disposal at a Class II disposal facility. The final fate of the cut soil will be based on whether visual evidence (soil discoloration) is noted in the cut soil or whether a discernable, sustained petroleum hydrocarbon constituents (PHCs) odor is noted emanating from the cut soil. If evidence of PHCs are noted, the soil will be chemically characterized (profiled) for off-site disposal.

Background

Numerous soil samples have been collected and analyzed from soil within the footprint of the former Beacon station. The locations of pertinent soil sample and soil boring locations are shown on an attached figure. As shown on the attached tables, excerpted from Krazan's February 14, 2006 report, the relevant

soil samples demonstrate that PHCs do not occur above a depth of two feet. Specifically, the 1999 soil samples collected as part of the 1999 removal of two USTs (samples Pinole 002 through Pinole 007) were collected at a minimum depth of 10 feet below ground surface (bgs), i.e. below the removed USTs and from the bottom of the UST excavation follow over excavation. As shown on Table IV, the shallow soil samples were collected during the removal of USTs and fuel dispensers during 2004 were from a depth of three feet bgs at the location of fuel dispenser island. These soil samples contain low to trace concentrations of PHCs but are below the depth of the soil to be removed. As shown on Table V, additional soil samples were collected adjacent to the former UST excavation from a depth of five to 10 feet bgs. The five-foot deep samples contain trace PHC concentrations.

Krazan was involved in the 2004 soil sample collection and the drilling and sampling of the December 2005 boring KB-1 and MW-7 (Table VI). In none of these instances any PHC discoloration or odor was noted above a depth of two feet bgs.

Proposed Environmental Monitoring

Prior to the intended site grading activities, Krazan would advance two soil borings in the portion of the site north of the former Beacon site as shown on the attached Johnson Lyman Architects figure. The boring would be advanced to approximately eight feet bgs and soil will be observed for the presence of PHCs. A soil sample will also be collected for analysis of TPH-G/BTEX/MTBE. This work will be conducted to assess potential exposure to the grading contactor personnel although no soil will be removed from this area (the pavement will be removed to allow the application of fill soil). Prior to the intended grading activities, soil vapor samples will be collected to assess the potential presence of PHCs in soil at a depth of one-foot bgs. Two vapor samples will be collected from within the footprint of the former Beacon station and one from the boring drilled north of the former Beacon station as noted above.

During the time the soil is removed (cut) from the area formerly occupied by the Beacon station, a senior Krazan project geologist will observe the soil removal. The Krazan representative will monitor the worker's breathing zone and excavated soils with a photoionization detector (PID). If sustainable PHC vapors are detected, the soil removal would be halted until the vapors dissipate. If the PHC vapors persist, the excavated soil area would be covered with plastic sheeting until the grading personnel can be replaced by workers with OSHA 40-hour hazardous worker training. The likelihood of this scenario to occur is low as the collection and analysis of the proposed vapor samples will determine the presence of vapor before the grading work commences.

Summary

Historical information indicates that the soil above a depth of two feet bgs underlying the former Beacon station does not contain discernable PHCs. Soil samples from three and five feet bgs contained low to trace PHC concentrations. Additional assessment of PHCs in soils and soil vapor will occur in areas designed for site grading. A senior project geologist will be present during site grading activities to monitor worker exposure to PHCs.

After the RWQCB approves of this scope of work Krazan will conduct the proposed assessment sampling and convey the results to the RWQCB. Assuming the analytical results suggest limited worker exposure, Krazan will request the RWQCB to allow (via an electronic mail message prior to December 1, 2006) the intended grading activities. A response to this letter via electronic mail would be greatly appreciated. As discussed during the August 31, 2006 meeting, time is of the essence for the City of Pinole and TKG. We look forward to your response. Please contact me if you have any questions or comments. Thank you.

Respectfully Submitted,
KRAZAN & ASSOCIATES, INC.



Arthur H. Morrill
Professional Geologist No. 5383

AHM/amk

Attachments

1c: Ms. Cynthia Romer, Jordex Management, Inc., agent for TKG

TABLE 1
LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLE ANALYSES
STORAGE TANK REMOVAL
2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

ANALYTE	SAMPLE DESIGNATION					
	Pinole-002	Pinole-003	Pinole-004	Pinole-006	Pinole-007	Reporting Limit
Fuel Hydrocarbons						(mg/kg)
TPHg	850	240	83	850	3,400	1.0
TPHd	na	na	<250	na	na	1.0
Benzene	1.3	<0.50	0.23	2.0	3.7	0.005
Toluene	18.0	0.52	<0.10	19.0	120	0.005
Ethylbenzene	17.0	2.4	0.78	14.0	72.0	0.005
Total Xylenes	74.0	8.0	5.8	68.0	390	0.005
Fuel Oxygenates						(mg/kg)
Methyl t-butyl Ether	0.49	19.0	na	1.20	4.6	0.005
di-Isopropyl Ether	<0.050	<1.20	na	<0.12	<0.12	0.005
Ethyl t-Buryl Ether	<0.050	<1.20	na	<0.12	<0.12	0.005
t-Amyl Methyl Ether	<0.050	<1.20	na	<0.12	<0.12	0.005
t-Butanol	<0.20	<5.00	na	<0.50	<0.50	0.005
Oils and Grease						(mg/kg)
TOG	na	na	1,600	na	na	50
TPHmo	na	na	1,900	na	na	10
CAM 5 Metals (STLC)						(mg/kg)
Cadmium	na	na	<5.0	na	na	5.0
Chromium	na	na	15.0	na	na	5.0
Lead	na	na	9.7	na	na	1.0
Nickel	na	na	14.0	na	na	5.0
Zinc	na	na	34.0	na	na	5.0
TPHg = Total Petroleum Hydrocarbons in the range of gasoline TPHd = Total Petroleum Hydrocarbons in the range of diesel fuel TOG = Total Oils and Grease TPHmo = Total Petroleum Hydrocarbons as motor oil < = less than the reporting limit of the laboratory method na = not analyzed mg/kg = milligram/kilogram (parts per million)						

TABLE 2
LABORATORY RESULTS OF GROUNDWATER GRAB SAMPLE ANALYSES
STORAGE TANK REMOVAL
2810 PINOLE VALLEY ROAD, PINOLE, CALIFORNIA

Sample Number	TPHg	B	T	E	X	MtBE	diPE	EtBE	tAME	tBA	DCA
Tank Excavation											
Pinole-005	550	1.1	25.0	12.0	52.0	28.0	na	na	na	na	na
Laboratory results of groundwater samples are reported in micrograms/liter (parts per billion) TPHg = Total Petroleum Hydrocarbons in the range of gasoline B = benzene T = toluene E = ethylbenzene X = total xylene isomers MtBE = Methyl t-butyl ether diPE = di-isopropyl ether EtBE = ethyl t-butyl ether tAME = t-amyl methyl ether tBA = t-butanol DCA = 1,2-dichloroethane < = Less than the laboratory method reporting limit na = not analyzed											

TABLE IV
Soil Sample Analytical Results
UST Removal
2810 Pinole Valley Road
June 29, 2004 Sampling

(Concentrations reported in milligrams per kilogram [mg/kg])

Sample No.	Depth ft. bgs	TPH-G	MTBE	B	T	E	X
T-1-E	11	64	ND	ND	0.61	ND	ND
T-1-W	11	26	ND	ND	0.24	ND	ND
T-2-E	11	1,100	ND	ND	ND	19	29
T-2-W	11	110	ND	ND	0.68	ND	ND
D-1-N	3	15	0.48	ND	ND	0.29	ND
D-2-S	3	0.20	0.0069	ND	0.0041	ND	ND
P-1-3	3	ND	0.040	0.019	ND	ND	ND

ft. bgs = Feet below ground surface.

TPH-G = Total petroleum hydrocarbons as gasoline by EPA Method 8015B.

MTBE = Methyl tertiary butyl ether by EPA Method 8021B.

BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8021B.

ND = Analyte not detected at or above the reporting limit.

TABLE V
Soil Sample Analytical Results
Soil Borings
2810 Pinole Valley Road
July 27, 2004 Sampling

(Concentrations reported in milligrams per kilogram [mg/kg])

Boring No.	Sample No.	Depth ft. bgs	TPH-G	MTBE	B	T	E	X
KB-2	KB-2-5	5	0.27	ND	ND	0.0073	ND	ND
	KB-2-10	10	95	ND	0.50	0.94	1.8	4.9
KB-3	KB-3-5	5	0.87	ND	ND	0.031	ND	0.0091
	KB-3-10	10	7.8	ND	0.19	0.052	0.022	0.10
KB-4	KB-4-5	5	0.55	ND	0.010	0.0079	ND	0.0094
KB-5	KB-5-5	5	0.17	ND	0.0073	0.0053	ND	0.011

ft. bgs = Feet below ground surface.

TPH-G = Total petroleum hydrocarbons as gasoline by EPA Method 8015B.

MTBE = Methyl tertiary butyl ether by EPA Method 8021B.

BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8021B.

ND = Analyte not detected at or above the reporting limit.

TABLE VI
 Soil Sample Analytical Results
 Krazan Monitoring Well Installation
 Pinole Valley Beacon
 December 19 & 20, 2005 Sampling
(Concentrations in milligrams per kilogram, [mg/kg])

Boring No.	Sample Depth (ft. bgs)	TPH-G	B	T	E	X	MTBE
MW-5	11	ND	0.0032	ND	ND	ND	0.011
MW-6	11	0.67	0.0042	0.016	ND	0.0031	0.020
	24	86	ND	.58	0.74	0.69	ND
MW-7	11	88	0.17	0.27	0.94	1.7	ND
	26	94	0.37	0.50	1.0	2.8	ND
KB-1	5	1.6	0.024	0.0069	ND	0.023	0.41
	11	630	ND	ND	8.1	31	ND

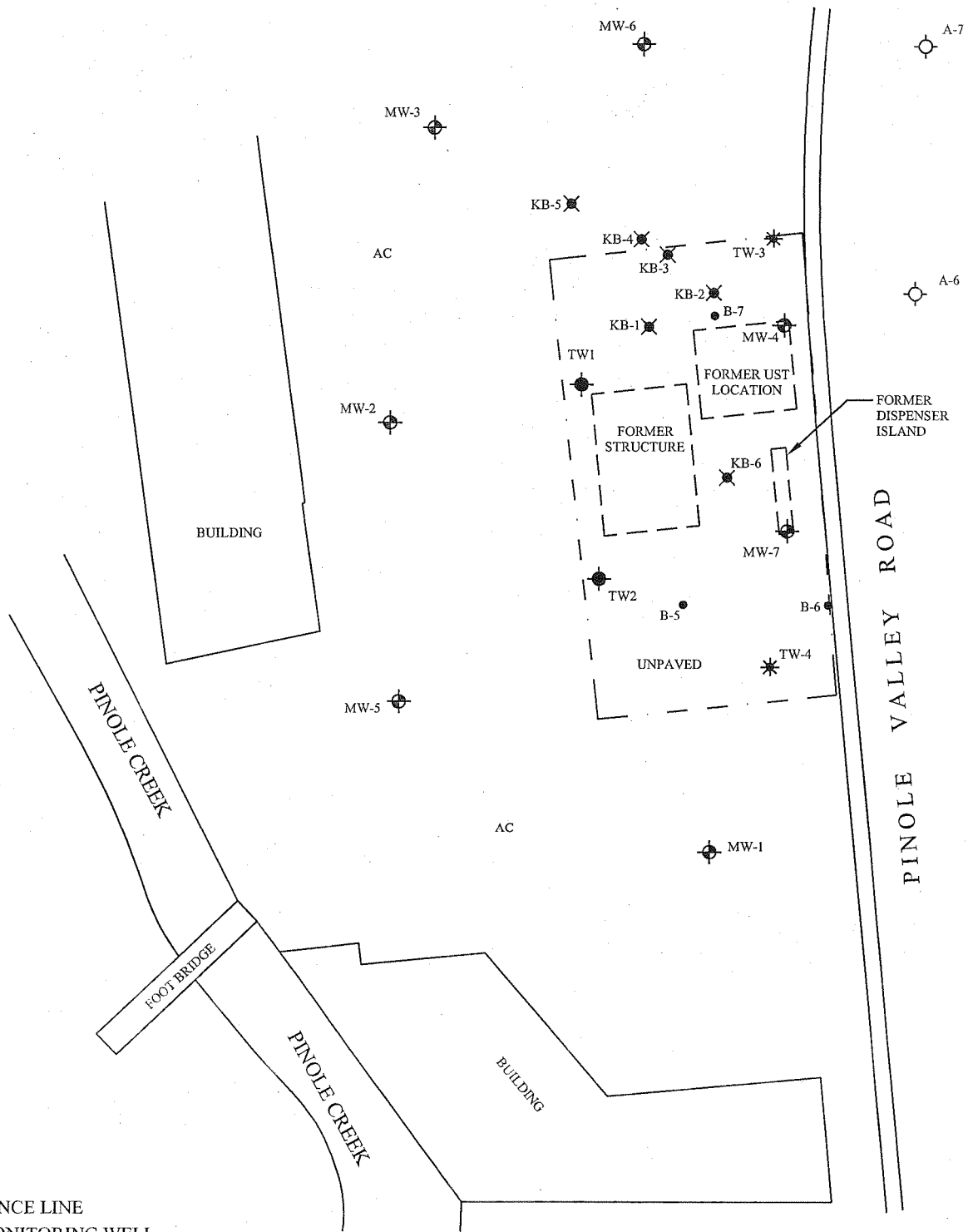
ft. bgs = Feet below ground surface.

TPH-g = Total petroleum hydrocarbons as gasoline by EPA Method 8015M.

BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether by EPA Method 8021B.

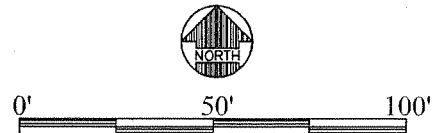
ND = Analyte not detected at or above the laboratory reporting limit.



EXPLANATION

- FENCE LINE
- ⊕ MONITORING WELL
- ⊗ SOIL BORING BY KRAZAN
- ⊛ "ABANDONED" TEXACO MONITORING WELL (PRE-1999)
- SOIL BORING BY GRAYLAND ENVIRONMENTAL (JUNE 2002)
- ⊙ TEXACO MONITORING WELL (PRE-1999)
- ⊕ ARCO MONITORING WELL
- AC ASPHALT CONCRETE

NOTE: Layout of well locations and buildings based on monitoring well survey conducted January 2005 by Virgil Chavez Land Surveying



SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

SITE MAP WITH SOIL BORINGS AND MONITORING WELLS

PINOLE VALLEY BEACON
2810 PINOLE VALLEY ROAD
PINOLE, CALIFORNIA

Scale:	Date:
AS SHOWN	1/06
Drawn by:	Approved by:
S. A.	S. B.
Project No.	Figure No.
044-03006	4

Krazan
SITE DEVELOPMENT ENGINEERS
Offices Serving the Western United States

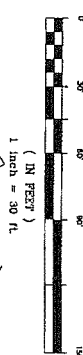
PINOLE VALLEY SHOPPING CENTER

PARKING LOT REMODEL, RENOVATION OF RETAIL BUILDINGS

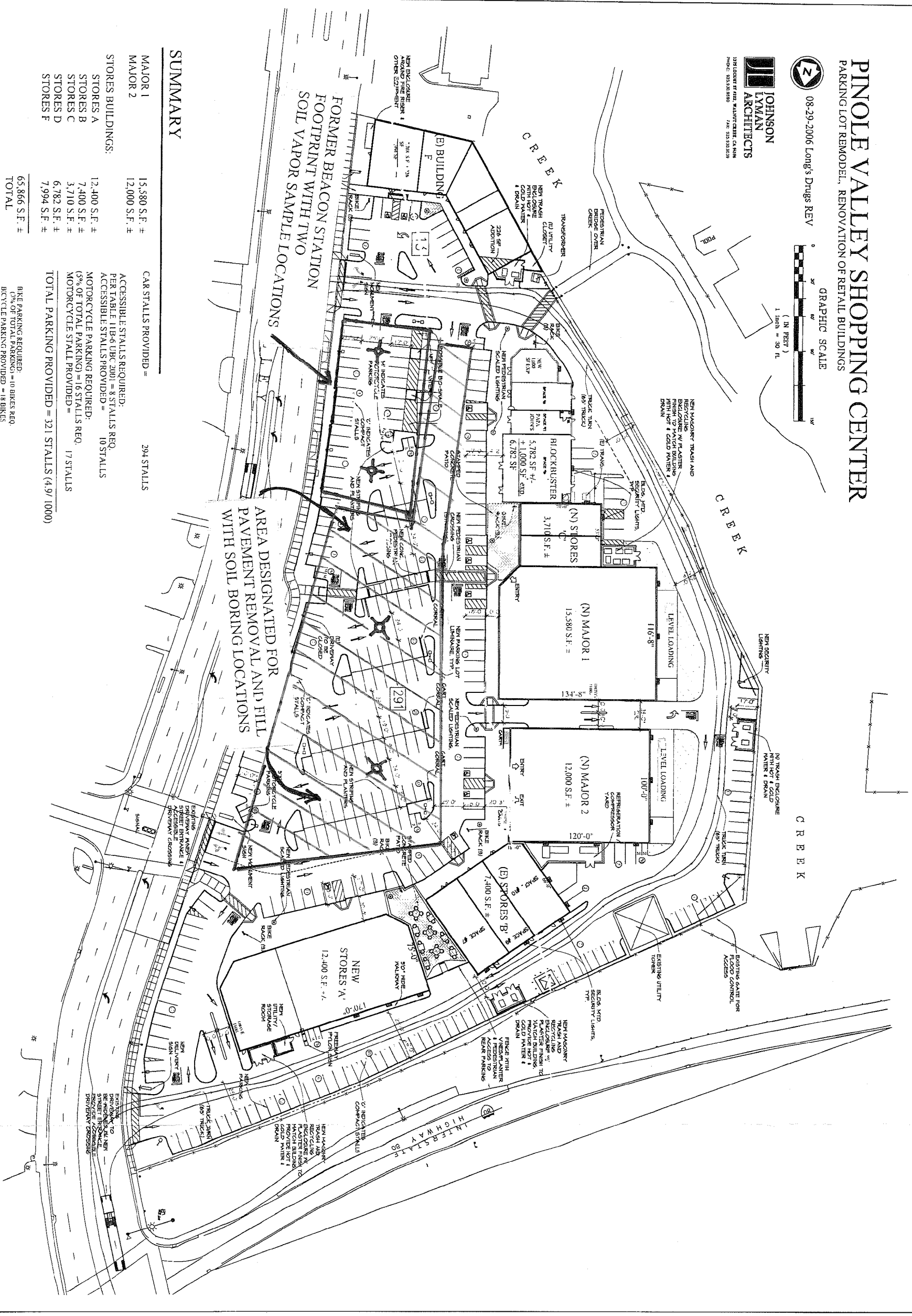


08-29-2006 Long's Drugs REV

GRAPHIC SCALE



239 LOCUST ST. P.O. BOX 10000, SAN FRANCISCO, CA 94110
PHONE: 415.774.3333 FAX: 415.774.3333



SUMMARY

MAJOR 1	15,580 S.F. ±
MAJOR 2	12,000 S.F. ±
STORES BUILDINGS:	
STORES A	12,400 S.F. ±
STORES B	7,400 S.F. ±
STORES C	3,710 S.F. ±
STORES D	6,782 S.F. ±
STORES F	7,994 S.F. ±
TOTAL	65,866 S.F. ±

CAR STALLS PROVIDED =	294 STALLS
ACCESSIBLE STALLS REQUIRED: PER TABLE 11B-6 UBC 2001 = 8 STALLS REQ. ACCESSIBLE STALLS PROVIDED =	10 STALLS
MOTORCYCLE PARKING REQUIRED: (3% OF TOTAL PARKING) = 16 STALLS REQ. MOTORCYCLE STALL PROVIDED =	17 STALLS
TOTAL PARKING PROVIDED = 321 STALLS (4.9' / 1000')	
BIKE PARKING REQUIRED: (3% OF TOTAL PARKING) = 18 BIKES REQ. BIKE PARKING PROVIDED = 18 BIKES	
PARKING CREDIT: BUS STOP (15% OF TOTAL) = 49 STALLS BICYCLE PARKING (18 BIKES) = 3 STALLS (1 STALL, 6 BIKES) MOTORCYCLE PARKING (17 MOTORCYCLES) = 1 STALL (1 STALL, 4 MOTORCYCLES)	
TOTAL CREDIT: +56 STALLS	

MAP LAYERS

- Leaking Underground Storage Tank (LUST) Cleanup Sites
- Cleanup Program Sites
- Land Disposal Sites
- Military Sites
- WDR Sites
- Irrigated Lands Regulatory Program
- Permitted Underground Storage Tank (UST) Facilities
- Oil and Gas Monitoring
- Non-Case Information / Project Sites
- Sampling Points - Public
- Field Points
- DTSC Cleanup Sites
- DTSC Haz Waste Permit
- DWR Groundwater Basins - [INFO](#)
- Public Water Systems - [INFO](#)

SIGNIFIES A CLOSED SITE

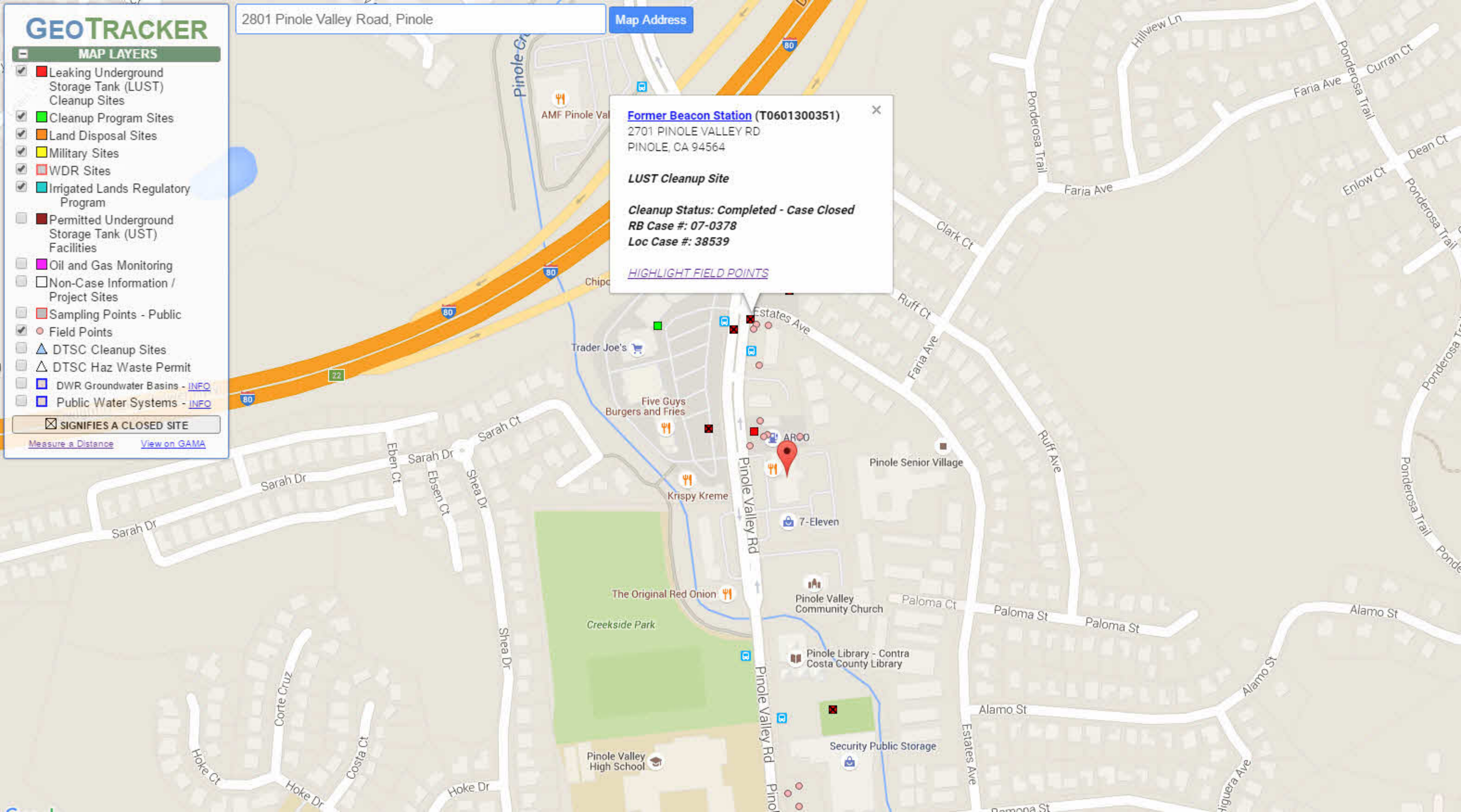
[Measure a Distance](#) [View on GAMA](#)

Former Beacon Station (T0601300351) ✕
2701 PINOLE VALLEY RD
PINOLE, CA 94564

LUST Cleanup Site

Cleanup Status: Completed - Case Closed
RB Case #: 07-0378
Loc Case #: 38539

[HIGHLIGHT FIELD POINTS](#)



FORMER BEACON STATION (T0601300351) - [\(MAP\)](#) [SIGN UP FOR EMAIL ALERTS](#)

2701 PINOLE VALLEY RD
PINOLE, CA 94564
CONTRA COSTA COUNTY
LUST CLEANUP SITE
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
SAN FRANCISCO BAY RWQCB (REGION 2) *(LEAD)* - CASE #: 07-0378
CASEWORKER: [BARBARA SIEMINSKI](#)
CONTRA COSTA COUNTY - CASE #: 38539
CASEWORKER: [SUE LOYD](#)

- [Summary](#)
- [Case Reviews](#)
- [Cleanup Action Report](#)
- [Regulatory Activities](#)
- [Environmental Data \(ESI\)](#)
- [Site Maps / Documents](#)
- [Community Involvement](#)
- [Related Cases](#)

Regulatory Profile

CLEANUP STATUS - [DEFINITIONS](#)
COMPLETED - CASE CLOSED AS OF 7/21/2010 - [CLEANUP STATUS HISTORY](#)

<p>POTENTIAL CONTAMINANTS OF CONCERN GASOLINE</p> <p>FILE LOCATION REGIONAL BOARD</p> <p>DWR GROUNDWATER SUB-BASIN NAME</p> <p>GROUNDWATER MONITORING FREQUENCY # OF WELLS MONITORED - SEMI-ANNUALLY : 7</p>	<p>POTENTIAL MEDIA OF CONCERN OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)</p> <p>BENEFICIAL USE NONE SPECIFIED</p> <p>RB WATERSHED NAME San Pablo - Pinole (206.60)</p>
--	---

Site History
No site history available



California Regional Water Quality Control Board

San Francisco Bay Region



Linda S. Adams
Secretary for
Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
<http://www.waterboards.ca.gov/sanfranciscobay>

Arnold Schwarzenegger
Governor

July 21, 2010
File No. 07-0378 (BGS)
2118.11

Ultramar Inc.
Attn: Robert Fishburn
Rob.Fishburn@valero.com
685 W Third Street
Hanford, CA 93230-5016

H. Victoire Group LLC
Attn: Victor Chiang
hvgroup@gmail.com
829 Helen Drive
Millbrae, CA 94030

SUBJECT: **Closure Letter** - Former Beacon Station, 2701 Pinole Valley Road, Pinole,
Contra Costa County

Dear Gentlemen:

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

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

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

Please contact our office, if you have any questions regarding this matter.

Sincerely,

Digitally signed by Stephen Hill
Date: 2010.07.21 14:22:39
-07'00'

Bruce H. Wolfe
Executive Officer

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: 07/20/2010

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2300
Responsible Staff Person: Barbara Sieminski	Title: Engineering Geologist

II. SITE INFORMATION

Site Facility Name: Former Beacon Station No. 12545				
Site Facility Address: 2701 Pinole Valley Road, Pinole, Contra Costa County				
RB Case Nos.: 07-0378		Local or LOP Case No.:		Priority:
URF Filing Date: N/A		SWEEPS No.:		
Responsible Parties (include addresses and phone numbers):				
1) Ultramar Inc., 685 W Third St, CA 93230; attn: Robert Fishburn (559) 583-3231 Rob.Fishburn@valero.com				
2) H. Victoire Group LLC, 829 Helen Dr, Millbrae, CA 94030; attn: Victor Chiang (650) 692-8839 hvgroup@gmail.com				
Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1,2	8,000 gal	gasoline	Removed	4/1987
3	10,000 gal	gasoline	Removed	4/1987

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Former UST's				
Site characterization complete? Yes		Date Approved by Oversight Agency: 07/20/2010		
Monitoring wells installed? Yes		Number: 8	Proper screened interval? Yes	
Highest GW Depth: 0.10'		Lowest GW Depth: 23.61'	Flow Direction: West	
Most Sensitive Current GW Use: Irrigation				
Most Sensitive Potential GW Use : Drinking Water and Probability of Use : Low				
Summary of water supply wells in vicinity: None within ½ mile of site				
Are drinking water wells affected? No		Aquifer Name: East Bay Plain		
Is surface water affected? No		Nearest surface water name: Pinole Creek Approx 0.1 mile west of site		
Off-Site Beneficial Use Impacts (Addresses/Locations): None				
Report(s) on file? Yes		Where is report(s) filed? SF Bay-RWQCB		
TREATMENT AND DISPOSAL OF AFFECTED MATERIAL				
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)		Date
Tanks	(2) 8,000-gal (1) 10,000-gal	Removed and disposed Removed and disposed		4/23/1987 4/23/1987
Groundwater/ Free Product	4,500 gallons/600 gallons	4,500 gallons of groundwater/free product mixture (of which 600 gallons was free product) were pumped from the trench excavated along the UST pit boundary.		1986

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP									
POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before ¹	After ²	Before ¹	After ³		Before ¹	After ²	Before ¹	After ³
TPHd	FP	25	FP	860	Ethylbenzene	FP	22	FP	78
TPHg	FP	570	FP	1000	Xylenes	FP	70	FP	0.9
Benzene	FP	7.7	FP	190	MTBE	FP	<0.005	FP	1.3
Toluene	FP	2.0	FP	<0.50					
Comments (Depth of Remediation, etc.):									
<p>¹ Free Product (FP) was encountered May 1986 in the UST pit area. Free product was removed, and the case was closed on 03/21/1987. The case was reopened in 2004, after high hydrocarbon concentrations, indicative of the presence of free product, were detected in boring B2, located in the northwestern corner of the site during the environmental investigation conducted for the property transaction.</p> <p>² Concentrations detected in soil samples collected between 2004-2007 from borings located in the northwestern corner of the site (higher concentrations [up to 1,400 ppm of TPHg, 1,500 ppm of TPHd, and 0.029 ppm of MtBE] were detected in offsite well boring MW-12, but hydrocarbons detected in this boring appear to have originated from the separate offsite source).</p> <p>³ Concentrations detected in groundwater beneath the northwestern corner of the site (in wells MW-6 and MW-7) during the last groundwater monitoring event on 09/08/2009 (except for TPHd and MtBE, which were detected at the highest levels in offsite wells MW-12 and MW-11, and appear to have migrated from the separate offsite sources).</p>									

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Yes		
<p>Site Management Requirements: There may be residual contamination in both soil and groundwater at the site that could pose an unacceptable risk under certain development activities such as site grading, excavation, or installation of water wells. Therefore, the impact of the disturbance of any residual contamination or the installation of a water well near the residual contamination shall be assessed and appropriate action taken so that there is no significant impact to human health, safety or the environment. This could necessitate additional sampling, health risk assessment, and mitigation measures. The County of Contra Costa Health Services Department, and the appropriate planning and building department shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risks are expected to reduce with time.</p>		
Should corrective action be reviewed if land use changes: Yes		
Monitoring Wells Decommissioned: Yes	Number Decommissioned: 8	Number Retained: 0
List Enforcement Actions Taken: None	List Enforcement Actions Rescinded: None	

V. ADDITIONAL COMMENTS, DATA, ETC.

The subject site is currently used for commercial purposes. The adjacent properties are used for commercial, residential, and transportation purposes. Formerly, the subject site was used as a service station.

In 1986, free product was detected in the UST pit area at the site. Hydrocarbon contamination was evaluated, free product removed, and the case was closed on March 21, 1997. However, high hydrocarbon concentrations, indicative of the presence of free product, were detected at the site again in 2004, during the environmental investigation conducted for the property transaction. Therefore, the case was reopened, and an additional environmental investigation was completed to determine the extent of the site pollution, and related potential risks to human health, and the environmental. The investigation results indicate that the site contamination has been adequately evaluated, and does not pose a significant risk to human health or the environment.

Case closure for this site is appropriate based on the following factors:

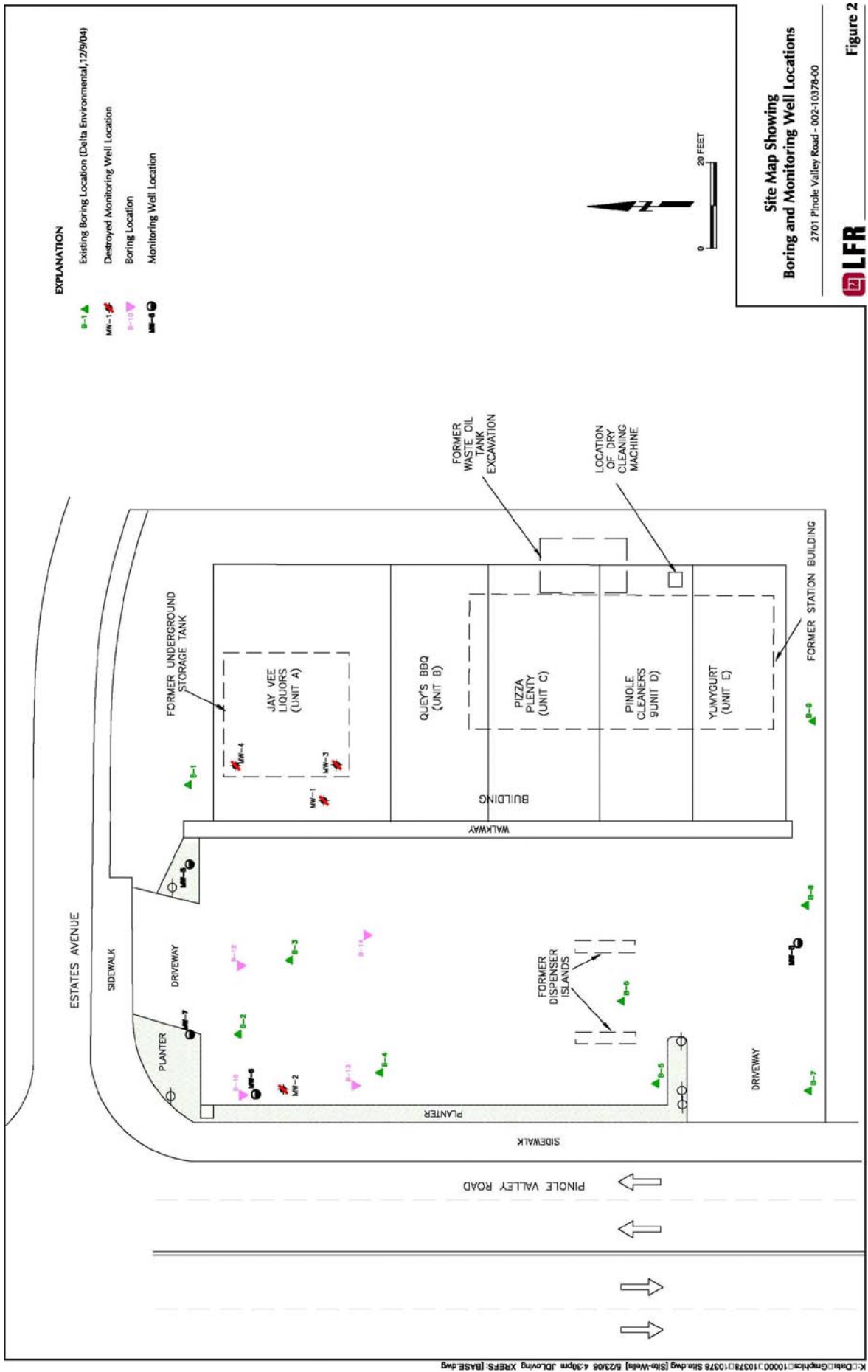
- 1) The primary source (USTs, product lines, and dispensers that formerly occupied this site) were removed in 1987, and no further storage of petroleum hydrocarbons has occurred at the site since that time.
- 2) The vertical and lateral extent of petroleum hydrocarbon pollution at the site has been adequately delineated. Petroleum hydrocarbon plume has a limited lateral extent, and has not migrated through offsite underground utility trenches located in Pinole Valley Road.
- 3) The dissolved hydrocarbon plume is shrinking. Hydrocarbon concentrations in groundwater have shown decreasing trends, or remained at low levels in all groundwater monitoring wells over the past three years.
- 2) There is little likelihood that the shallow groundwater near the site will be used as a drinking water source in the near future.
- 3) Hydrocarbon concentrations in soil gas at the site do not appear to pose a significant health risk to occupants of the strip mall structure at the site.
- 4) A residual soil and groundwater contamination is present beneath the site. However, hydrocarbon concentrations are low, and are expected to further decrease with time by natural attenuation. The residual contamination does not pose a significant threat to human health, environment, or water resources.

The site qualifies as a low risk case.

VI. TECHNICAL REPORTS, CORRESPONDENCE, ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Site Closure Summary; SF Bay-RWQCB	March 13, 1997
Additional Site Assessment Report; LFR Inc.	May 31, 2006
Third Quarter 2009 Groundwater Monitoring Report; LFR Inc.	October 27, 2009
Soil-Gas Survey and Health Risk Evaluation; LFR, Inc.	December 15, 2009
Well Abandonment Report; Arcadis	July 14, 2010

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.



ENVIROSTOR

CLEANUP SITES

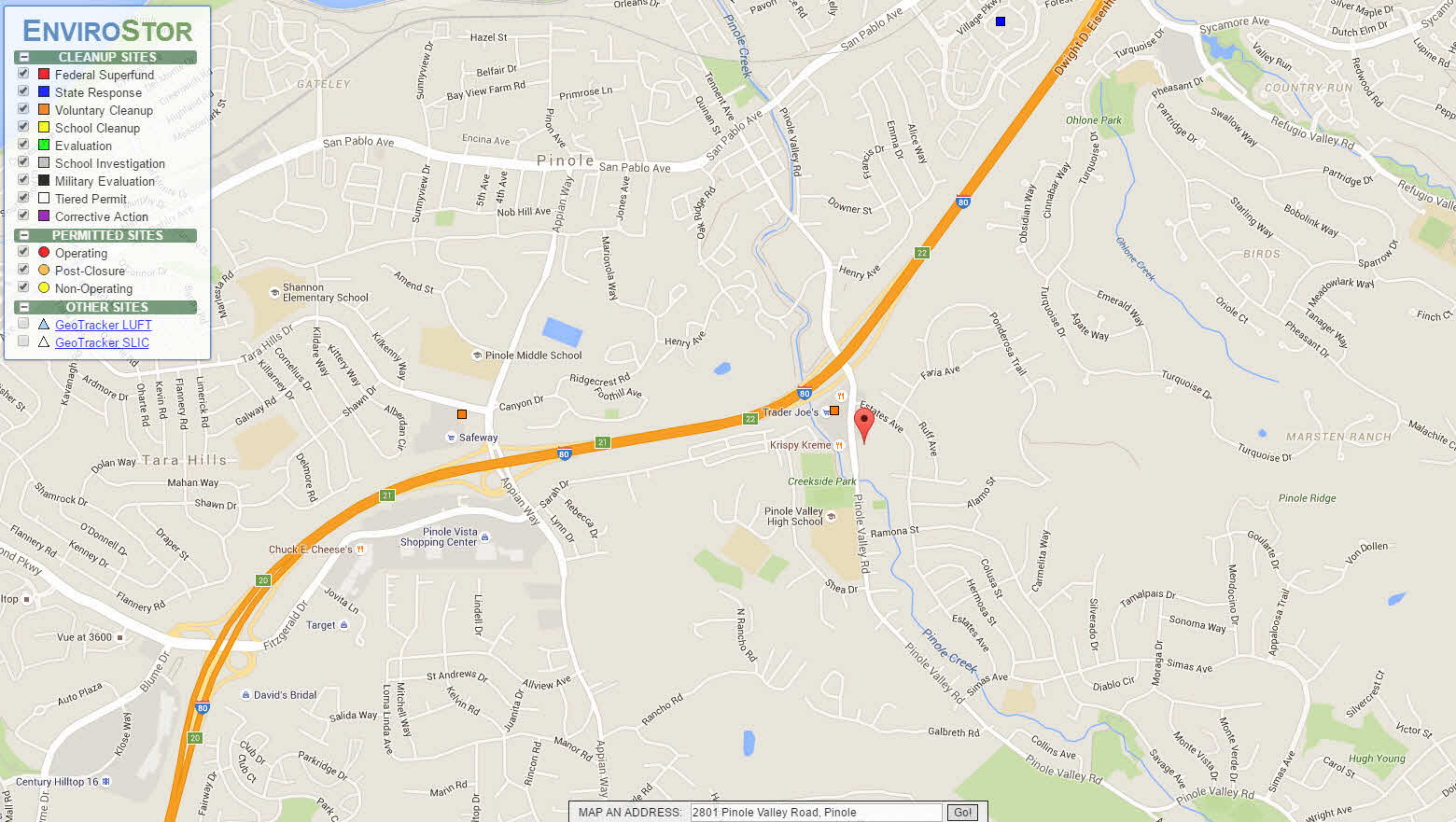
- Federal Superfund
- State Response
- Voluntary Cleanup
- School Cleanup
- Evaluation
- School Investigation
- Military Evaluation
- Tiered Permit
- Corrective Action

PERMITTED SITES

- Operating
- Post-Closure
- Non-Operating

OTHER SITES

- GeoTracker LUFT
- GeoTracker SLIC



MAP AN ADDRESS:

ENVIROSTOR

CLEANUP SITES

- Federal Superfund
- State Response
- Voluntary Cleanup
- School Cleanup
- Evaluation
- School Investigation
- Military Evaluation
- Tiered Permit
- Corrective Action

PERMITTED SITES

- Operating
- Post-Closure
- Non-Operating

OTHER SITES

- GeoTracker LUFT
- GeoTracker SLIC

MERCURY DRY CLEANERS (07720037)
2714 PINOLE VALLEY ROAD
PINOLE, CA 94564

SITE TYPE: VOLUNTARY CLEANUP
STATUS: CERTIFIED / OPERATION & MAINTENANCE

MERCURY DRY CLEANERS (07720037) [SIGN UP FOR EMAIL ALERTS](#)

<p>2714 PINOLE VALLEY ROAD PINOLE, CA 94584 CONTRA COSTA COUNTY SITE TYPE: VOLUNTARY CLEANUP</p>	<p>PROJECT MANAGER: SUPERVISOR: OFFICE:</p>	<p>JONATHAN LARGENT DANIEL MURPHY CLEANUP BERKELEY</p>
---	--	--

- Summary
- Activities
- Community Involvement
- Map
- Related Sites

Site Information

CLEANUP STATUS
CERTIFIED / OPERATION & MAINTENANCE AS OF 4/9/2008

<p>SITE TYPE: VOLUNTARY CLEANUP NATIONAL PRIORITIES LIST: NO ACRES: 3.63 ACRES APN: 401-310-002, 401-310-003, 401-310-010, 401310002, 401310003, 401310010 CLEANUP OVERSIGHT AGENCIES: DTSC - SITE CLEANUP PROGRAM - LEAD</p>	<p>ENVIROSTOR ID: 07720037 SITE CODE: 201298 SPECIAL PROGRAM: VOLUNTARY CLEANUP PROGRAM FUNDING: SITE PROPONENT ASSEMBLY DISTRICT: 15 SENATE DISTRICT: 09</p>
---	---

Regulatory Profile

PAST USE(S) THAT CAUSED CONTAMINATION
DRY CLEANING

<p>POTENTIAL CONTAMINANTS OF CONCERN TETRACHLOROETHYLENE (PCE) TRICHLOROETHYLENE (TCE) VINYL CHLORIDE 1,2-DICHLOROETHYLENE (CIS)</p>	<p>POTENTIAL MEDIA AFFECTED OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL</p>
---	--

Site History

The former Mercury Dry Cleaners operated at the Pinole Valley Shopping Center from 1959 to 1993. In February 1989, a citizen's complaint specified that the cleaners had left solvent filters outside the back door of the facility. In May 1989, the County inspected the facility and noted that the cleaners stored and disposed off-site two 55-gallon drums of perchloroethylene cartridges every three months. Subsequent to taking ownership of the shopping center, Bank of America notified the Regional Water Quality Control Board (RWQCB) of potential solvent releases at the Site. Bank of America conducted a series of site investigations under the RWQCB's oversight and noted that both the soil and groundwater had been impacted by the solvents. In 1999, the RWQCB referred the Site to DTSC for oversight.

**Biennial Groundwater Monitoring Report and Request to
Cease All Groundwater Monitoring Activities**

Former Mercury Dry Cleaners
2714 Pinole Valley Road, Pinole, California

Prepared for:

Bank of America Realty Finance, Inc.
Irvine, California

Prepared by:

AMEC Environment & Infrastructure, Inc.
1465 North McDowell Boulevard, Suite 200
Petaluma, California 94954

June 2014

AMEC Project No. OD14170240

**BIENNIAL GROUNDWATER MONITORING
REPORT AND REQUEST TO CEASE ALL
GROUNDWATER MONITORING ACTIVITIES**

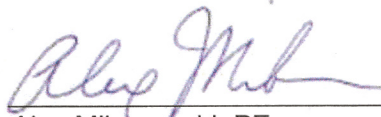
Former Mercury Dry Cleaner
2714 Pinole Valley Road, Pinole, California

June 2014
AMEC Project No. OD14170240

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Sarah Raker, PG, CHG
Senior Associate Geologist



Alex Mikszewski, PE
Senior Engineer

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LIST OF ACRONYMS

Agreement	Voluntary Cleanup Agreement
AMEC	AMEC Environment & Infrastructure, Inc.
BARFI	Bank of America Realty Finance, Inc.
bgs	below ground surface
Caltrans	California Department of Transportation
cis-1,2-DCE	cis-1,2-dichloroethene
County	Contra Costa County Environmental Health Division
CPT	cone penetration testing
DTSC	California Environmental Protection Agency, Department of Toxic Substances Control
EBMUD	Easy Bay Municipal Utility District
EPA	United States Environmental Protection Agency
ERD	enhanced reductive dechlorination
Geomatrix	Geomatrix Consultants, Inc.
HHRA	human Health risk assessment
LUC	land use covenant
MCLs	maximum contaminant levels
mg/kg	milligrams per kilogram
msl	mean seal level
µg/L	micrograms per liter
O&M	Operations and Maintenance
PCE	tetrachloroethene
Report	Biennial Groundwater Monitoring Report and Request to Cease All Groundwater Monitoring Activities
SGCMP	Soil and Groundwater Contingency Management Plan
Site	3714 Pinole Valley Road, Pinole California
TCE	trichloroethene
trans-1,2-DCE	trans-1,2-dichloroethene
VOCs	volatile organic compounds
Water Board	Regional Water Quality Control Board, San Francisco Bay Region

**BIENNIAL GROUNDWATER MONITORING REPORT AND
REQUEST TO CEASE ALL GROUNDWATER MONITORING ACTIVITIES**
Former Mercury Dry Cleaner
Pinole, California

EXECUTIVE SUMMARY

This *Biennial Groundwater Monitoring Report and Request to Cease All Groundwater Monitoring Activities* (Report) concerns the investigation and remediation of the former Mercury Dry Cleaners facility, located at 2714 Pinole Valley Road, Pinole, California (the Site). The submission of this Report satisfies Bank of America Realty Finance, Inc.'s (BARFI) biennial groundwater monitoring obligation.

Mercury Dry Cleaners operated at the Pinole Valley Shopping Center from 1959 to 1993. During this period, dry cleaning solvents were leaked or spilled into the soil as a result of the dry cleaning operations, causing soil and groundwater impacts at the Site. After the dry cleaners ceased operations in 1993, BARFI acquired the Site through foreclosure. Since then, BARFI has conducted extensive investigations and cleanup at the Site, including most recently conducting groundwater monitoring in January 2014 as part of its biennial groundwater monitoring obligation. Concentrations of volatile organic compounds in soil and groundwater have been reduced by several orders of magnitude and are now either below cleanup goals or at a level where, through natural attenuation, cleanup goals will be achieved in a reasonable time frame. Based upon these factors, BARFI requests that California Environmental Protection Agency Department of Toxic Substances Control allow BARFI to cease all groundwater monitoring activities at the Site.

To the extent that Five-Year Reviews are required in the future, such Five-Year Reviews will consist solely of a certification that the Site continues to be used for non-prohibited purposes, groundwater is not being used at the Site for any purpose, and the governing cleanup criteria have not changed since the approval of this Report.

BIENNIAL GROUNDWATER MONITORING REPORT AND REQUEST TO ALL GROUNDWATER MONITORING ACTIVITIES

Former Mercury Dry Cleaner
Pinole, California

1.0 INTRODUCTION

On behalf of Bank of America Realty Finance, Inc. (BARFI), AMEC Environment & Infrastructure, Inc. (AMEC) submits this *Biennial Groundwater Monitoring Report and Request to Cease All Groundwater Monitoring Activities* (Report) for the former Mercury Dry Cleaners facility, located at 2714 Pinole Valley Road, Pinole, California (“the Site”; Figure 1). The purpose of this Report is to satisfy BARFI’s biennial groundwater monitoring obligation and to request that California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) allow BARFI to cease all groundwater monitoring activities at the Site. BARFI previously submitted versions of this Report to DTSC in October 2013 and March 2014. This Report incorporates the comments on the earlier drafts, which were provided by DTSC in February 2014 and May 2014.

Mercury Dry Cleaners operated at the northern portion of the on-site Pinole Valley Shopping Center from 1959 to 1993. During this time, dry cleaning solvents were either leaked or spilled into the soil as a result of the dry cleaning operations. Volatile organic compounds (VOCs) detected at the Site as a result of the past dry cleaning operations include tetrachloroethene (PCE), a dry cleaning solvent, and its breakdown products trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride.

After the drycleaners stopped operating in 1993, BARFI acquired the Site through foreclosure. Since then, BARFI has extensively investigated soil, soil vapor, surface water, and groundwater impacts at the Site. During these investigations, VOCs were detected in soil and groundwater samples collected from locations at the Site. Figure 2 presents the existing Site features. The highest concentrations of these VOCs were detected in soil and groundwater samples collected beneath the paved area on the northern side of the Pinole Valley Shopping Center. This area is where dry cleaning filters were observed.

After thoroughly investigating the impacts at the Site over more than 20 years during different seasons and varied groundwater elevations, BARFI implemented several significant remedial actions at the Site between 2000 and 2003. As described in this Report, these remedial actions were effective in removing the source of the VOCs and significantly reducing VOC concentrations in groundwater. Soil and soil vapor at the Site currently do not pose a health risk based on the Site’s current and anticipated use as a shopping center, and groundwater data supports attenuation of VOCs to below maximum contaminant levels (MCLs) within 10 years.

Based upon a comprehensive analysis of the investigations and remedial actions conducted at the Site over the past 24 years and of the current and projected conditions at the Site, this Report demonstrates that all necessary remedial and monitoring activities have been completed and no further actions are required at the Site. Ceasing all groundwater monitoring is justified because:

- The source of the prior contamination has been removed and conditions at the Site have been extensively investigated and thoroughly characterized over more than 20 years.
- Total VOC concentrations in groundwater are decreasing and it is estimated that site-specific cleanup goals can be achieved in a reasonable time frame under natural conditions (approximately 10 years).
- Groundwater is not used at the Site or within the vicinity of the Site; water is municipally-supplied to the Site and surrounding community, and regulatory controls are in place such that it is unlikely that water-producing wells would be installed in the Site vicinity in the future.
- Analysis of the data indicate no significant risk to human health or potential on-site receptors; a soil and groundwater contingency management plan will be developed that establishes protective measures should construction workers come into contact with residual soil and groundwater impacts in the future.
- The Site is expected to remain a retail shopping center for the foreseeable future.

1.1 REPORT OVERVIEW

This Report was prepared using data and interpretations presented in previous reports prepared for BARFI for this Site. A list of key documents used to prepare this Report is provided in Table 1. The key data presented in the previous reports were compiled and are appended to this Report as follows:

- Appendix A Soil Data
- Appendix B Groundwater Data
- Appendix C Surface Water Data
- Appendix D Soil Vapor Data

In addition to reviewing and compiling historical data for this Report, AMEC evaluated the existing data to estimate the time to achieve cleanup goals for VOCs in groundwater. The results of this evaluation are appended to this Report as follows:

- Appendix E Groundwater Elevation versus Time Charts
- Appendix F VOCs Detected in Groundwater versus Time Charts
- Appendix G Linear Regression Analysis

This report also presents the results of biennial groundwater monitoring conducted in January 2014. These activities included measuring depth to groundwater in on-site and off-site monitoring wells. Groundwater samples were collected from shallow-depth monitoring wells and

analyzed for halogenated VOCs and for monitored natural attenuation parameters methane, ethane, and ethene. Biennial groundwater monitoring procedures, field data sheets, and laboratory certified analytical reports are compiled in Appendix H.

This report includes copies of DTSC's comments to the reports titled *Certification Request Report* to DTSC, prepared by AMEC in October 2013, and *Biennial Groundwater Monitoring Report and Request to Cease Operations and Maintenance Activities Including Groundwater Monitoring*, prepared by AMEC in March 2014. Appendix I contains a copy of DTSC's comments and AMEC's responses to DTSC's comments.

This Report is organized as follows:

Section 2.0 Background – Provides a summary of the Site including a history of regulatory oversight, previous investigations conducted prior to and after remedial activities, groundwater monitoring locations, and development of remedial cleanup goals.

Section 3.0 Remedial Activities – Summarizes source remedial activities and the effects of remediation on soil and groundwater at the Site.

Section 4.0 Conceptual Site Model – Provides a detailed description of the Site history and source of chemical impacts; geology and hydrogeology of the Site; the nature and extent of VOC impacts in soil, groundwater, soil vapor, and surface water; current conditions; current and future use; nearby receptors; and exposure and migration pathways and potential risks.

Section 5.0 Measures to Mitigate Risk – Describes the proposed land use covenant for the Site and the accompanying soil and groundwater contingency management plan.

Section 6.0 Achieving Cleanup Goals in Groundwater – Describes the occurrence of natural attenuation of VOCs in groundwater, the observed reduction of VOCs in groundwater, the estimated time to achieve cleanup goals for VOCs in groundwater, the absence of impacts to beneficial uses of groundwater, and a comparison of low threat closure criteria to the Site data.

Section 7.0 Request to Cease Groundwater Monitoring Activities – Provides justification for no further action at the Site.

Section 8.0 References – Provides a list of documents used to prepare this report.

2.0 BACKGROUND

The Site is located in a commercial area of Pinole (Figure 1). The Site is bounded to the north and northwest by a California Department of Transportation (Caltrans) right-of-way (Interstate 80 east, Pinole Valley Road off-ramp), to the east by Pinole Valley Road, to the southeast by adjacent commercial properties, and to the west and southwest by Pinole Creek.

The Site is located in the hills of Pinole, approximately 1.5 miles from San Pablo Bay, at an elevation of approximately 40 feet above mean sea level (msl). While the surrounding

topography is relatively hilly, the topography of the shopping center area is relatively flat. A steep embankment to the eastbound Interstate 80 off-ramp to Pinole Valley Road lies approximately 35 feet north of the Site boundary. Pinole Creek flows through an approximately 10-foot-deep gully immediately west and southwest of the Site.

The Site is improved with several one-story, slab on grade buildings surrounded by asphalt pavement. Mercury Dry Cleaners occupied the northernmost tenant space of the central shopping complex from 1959 to 1993. During this period, Mercury Dry Cleaners reportedly used dry cleaning solvents in its operation. It is suspected that dry cleaning solvents were either leaked or spilled into the soil at the Site as a result of these dry cleaning operations.

2.1 REGULATORY HISTORY

In February 1989, an anonymous caller filed a complaint with the Contra Costa County Environmental Health Division (the County), stating that Mercury Dry Cleaners had routinely left solvent filters outside the back door of the facility. Following the County's initial response, the Regional Water Quality Control Board, San Francisco Bay Region (Water Board) oversaw the remediation and investigation of the Site until 2000. DTSC then became the lead agency and DTSC and BARFI entered into a Voluntary Cleanup Agreement (Agreement) in August 2000. Over the years, BARFI has cooperated with DTSC and has funded the performance of several significant remedial activities at the Site, including excavation of soil in the source area and multiple injections of chemical treatments into soil and groundwater. In 2007, after BARFI completed the remedial activities at the Site, DTSC issued the Operations and Maintenance (O&M) Agreement to BARFI for ongoing groundwater monitoring. In 2008, DTSC issued a "Removal Action Certification" to BARFI and determined that "all appropriate removal/remedial actions have been completed and that all acceptable engineering practices were implemented; however, the Site requires ongoing operation and maintenance and monitoring efforts."

2.2 PRE-REMEDIAL ACTIVITIES

From 1989 to 2000, BARFI conducted numerous investigations to determine the nature and extent of VOCs in soil, groundwater, and surface water at the Site. Results of the pre-remediation activities are presented in the Section 4.3 of this report. These investigations included the following activities:

Soil:

- 1989 – Conducted Phase I Site Assessment
- 1992 – Collected soil samples from borings SB-1 to SB-3 near the sanitary sewer drain for VOC analysis
- 1992 to 1995 – Collected soil samples from borings SB-1 to SB-14 for VOC analysis
- 1994 to 1995 – Collected soil samples from borings MW-1 to MW-8 for VOC analysis

- 1996 – Collected soil samples from borings B-1 to B-6 and surface samples HS-1 to HS-8 for VOC analysis
- 1997 – Collected soil samples from borings S-1 to S-6 for VOC analysis
- 1997 – Collected surface soil samples from SS-1 to SS-4 for VOC analysis
- 2000 – Collected soil samples from TH1 to TH12 for VOC analysis

Groundwater:

- 1994 to 2000 – Installed monitoring wells, monitoring points, and a temporary well, and collected water levels and groundwater samples from shallow monitoring wells MW-1, MW-2, MW-2A, MW-3 to MW-12, deep monitoring wells DZ-1 to DZ-3, monitoring points MP-1 and MP-2, and temporary well P-1 for analysis of VOCs, inorganic water quality, and natural attenuation parameters
- 1992 – Collected grab groundwater samples from borings SB-1 to SB-3 near the sanitary sewer drain for VOC analysis
- 1995 – Collected grab groundwater samples from borings SB-4 to SB-14 for VOC analysis
- 1996 – Collected grab groundwater samples from borings B-1 to B-4 and cone penetration testing (CPT) borings CPT-1 and CPT-2 for VOC analysis
- 1997 – Collected grab groundwater samples from CPT borings CPT-1 to CPT-9 for VOC analysis
- 1997 – Reviewed aerial photographs and conducted a well survey
- 1998 – Collected grab groundwater samples from hydro-punch borings G-1 to G-4 for VOC analysis

Surface Water:

- 1997 – Collected hydraulic head measurements and water samples from temporary monitoring well points UC, MC, and DC for VOC analysis
- 1999 – Collected monthly creek and groundwater elevation data

2.3 REMEDIAL ACTIVITIES

From 2000 to 2003, BARFI conducted four separate phases of remedial activities. Results following these remedial activities are presented in the Section 4 of this Report. The following remedial activities were conducted at the Site:

- 2000 – Injected potassium permanganate into the subsurface
- 2001 – Injected additional potassium permanganate into the subsurface
- 2002 – Excavated and disposed of approximately 340 cubic yards of PCE-affected soil; collected confirmation soil samples from CS-1 to CS-7 for VOC analysis, and injected sodium lactate into the subsurface
- 2003 – Injected additional sodium lactate into the subsurface

2.4 POST-REMEDATION ACTIVITIES

From 2003 to 2013, BARFI conducted several additional investigations of soil, soil vapor, and groundwater to evaluate the effectiveness of its remedial activities. The findings of these efforts are presented in this report. The following activities were conducted following remediation at the Site:

- 2003 to 2014 – Collected water levels and groundwater samples from shallow monitoring wells MW-1, MW-2A, MW-3 to MW-12, deep monitoring wells DZ-2 and DZ-3, and monitoring points MP-1 and MP-2 for analysis of VOCs, inorganic water quality, and natural attenuation parameters
- 2005 – Prepared the Removal Action Effectiveness Report that provides a summary of findings from soil and groundwater investigations conducted at the Site, describes the scope of remedial activities completed, and provides an evaluation of the effectiveness of those remedial activities
- 2005 – Collected soil vapor samples from SG-1 to SG-13 for VOC analysis
- 2006 – Collected soil samples from SG-2, SG-3, SG-4, SG-6, SG-8 and SG-13 for physical parameters and conducted a human health risk assessment (HHRA) to assess whether VOC-affected groundwater posed a human health risk, primarily through indoor air pathway at the Site
- 2007 – Prepared the Explanation of Significant Differences to document the completion of the “Final Removal Action Work Plan and Evaluation of Remedial Technologies for Source Area Remediation” and modify the approved remedial activities to monitored natural attenuation
- 2011 – Prepared the Technical Impracticability Evaluation for Further Remedial Actions following Environmental Protection Agency guidance to evaluate the technical impracticability of attaining required groundwater cleanup levels and establishing protective remedial strategies where complete restoration is determined to be technically impracticable
- 2012 – Prepared the Five-Year Review report that evaluated whether the remedial measures implemented at the Site are protective of human health and the environment
- 2013 – Prepared the Soil Quality Data report that accurately summarized results of historical soil investigations and removal activities to a depth of 10 feet below ground surface (bgs) which is representative of soil conditions in the vadose zone
- 2013 – Prepared the draft Soil and Groundwater Contingency Management Plan to control potential exposure to low concentration VOCs left at the Site in saturated soil and groundwater
- 2014 – Conducted the biennial groundwater monitoring event to identify current groundwater conditions at the Site

2.5 MONITORING LOCATIONS

Groundwater monitoring has been ongoing at the Site since 1994. Monitoring well construction data are presented in Table 2.

A total of 14 shallow-zone groundwater monitoring locations currently are operational at the Site.

- Ten groundwater monitoring wells (MW-1 through MW-10) and one piezometer (P-1) were installed in shallow-zone groundwater (less than 20 feet bgs) during the time frame of 1994 through 1999.
- In 1999, two monitoring points (MP-1 and MP-2) were installed in the bank of Pinole Creek to monitor groundwater quality near Pinole Creek (Figure 2).
- In 2000, two additional shallow groundwater monitoring wells MW-11 and MW-12 were installed in the vicinity of monitoring well MW-2. These wells were installed to further assess the effectiveness of the remedial activities on shallow groundwater quality at the Site.
- In 2002, monitoring well MW-2 was abandoned and replaced in a similar location by well MW-2A. Monitoring well MW-4 was abandoned in 2002.

Two deeper zone groundwater monitoring locations currently are operational at the Site. During the period of 1996 through 1999, three groundwater monitoring wells (DZ-1 through DZ-3; Figure 2) were installed in deeper zone groundwater, which is believed to be just above the bedrock interface (approximately 64 to 70 feet bgs). DZ-1 was abandoned on July 31, 2002.

2.6 DEVELOPMENT OF REMEDIAL CLEANUP GOALS

Site-specific remedial goals were developed for both soil and groundwater and were approved by DTSC. These site-specific cleanup goals are presented in the Final Removal Action Report for Source Area Remediation prepared by LFR in 2002. These goals were developed to satisfy health- or risk-based concentration limits pertaining to a specific chemical in a certain medium (i.e., groundwater, soil, surface water, or soil vapor) using applicable risk assessment methods. The site-specific cleanup goals for both soil and groundwater are presented in Table 3.

The goals of the remedial activities were focused on achieving risk levels for soil and groundwater that are acceptable for unrestricted or residential land use. Because the Site will continue to be used as a commercial shopping center, the remedial goals established for the Site are conservative.

Soil

Residential cleanup goals for soil were based on U.S. Environmental Protection Agency (EPA) Region 9 Preliminary Remediation Goals for Residential Soil, November 2000, which considered exposure to chemicals via the following exposure and migration pathways:

- Soil via incidental ingestion
- Soil via dermal contact
- Soil vapor via inhalation of vapors or suspended particulates by both children and adults that would be residing at the Site.

Groundwater

The site-specific remedial goals for groundwater are the MCLs established by the California Department of Health Services (predecessor to the California Department of Public Health) in 2000 and are consistent with the current MCLs. These levels are acceptable for domestic consumption of groundwater. However, as described in Sections 4.6 and 6.4, groundwater at the Site and nearby properties is not currently used for domestic consumption and there is no indication that groundwater at the Site or nearby properties will be used for domestic consumption in the future. As a result, the site-specific groundwater remedial goals, like the site-specific soil remedial goals, are conservative.

The MCLs are also protective of human health from a vapor perspective. The Water Board has developed groundwater screening levels to evaluate potential health risks associated with vapor intrusion. Assuming residential land use at the Site and a fine-coarse mix of soil (which is recommended as the default soil type for used for Bay Area sites), the Environmental Screening Levels for the compounds of concern at the Site indicate the MCLs for groundwater are protective of human health from a vapor intrusion perspective (Water Board, 2013).

3.0 REMEDIAL ACTIVITIES

This section describes the specific remedial activities conducted at the Site from 2000 to 2003 and how these activities were effective in dramatically reducing VOC concentrations in soil and groundwater.

3.1 SOURCE REMEDIATION

A detailed description of the source removal is presented in the Removal Action Effectiveness Report prepared by LFR in 2005 and the Five-Year Evaluation Report of Remedial Actions prepared by ARCADIS in 2012. The following remedial activities were conducted at the Site:

1. **November 2000:** The injection of approximately 2,500 gallons of a 5 percent solution of potassium permanganate, a chemical oxidant, into 62 boreholes drilled into shallow sediments in the source area in the vicinity of monitoring well MW-2. The potassium permanganate injection was a treatability study that was conducted to evaluate the feasibility of in-situ oxidation of chloroethenes. Results of the study showed that the concentrations of VOCs in groundwater decreased after injection but gradually rebounded to near pre-injection concentrations over time.

VOC concentrations in groundwater samples collected from well MW-2 showed a significant reduction of PCE, from a pre-injection concentration of 62,000 milligrams per liter ($\mu\text{g/L}$) in a groundwater sample collected on November 6, 2000, to 22,000 $\mu\text{g/L}$ in a groundwater sample collected on November 27, 2000, after the injection activities. However, VOC concentrations in groundwater samples collected from well MW-2 rebounded to 37,000 $\mu\text{g/L}$ by the December 11, 2000 sampling event.

2. **February 2001:** An additional potassium permanganate injection event conducted from February 5 through 7, 2001. This event included the injection of approximately 1,300 gallons of a 5 percent solution of potassium permanganate into 59 boreholes

near and downgradient from the source area. VOC concentrations in groundwater declined directly after injection but gradually rebounded to near pre-injection levels. PCE concentration was reduced in source area well MW-2 and TCE and cis-1,2-DCE concentrations increased at this location. Soil samples indicated VOC concentrations were significantly reduced from the pre-injection levels.

It appears that either high background soil oxidant demand (i.e., from naturally-occurring organic carbon in soil), irregular distribution of injectate, distance of wells from the injection points or all three factors contributed to the overall limited success of the potassium permanganate injection program.

3. **July 2002:** The excavation and disposal of approximately 340 cubic yards (461 tons) of PCE-affected soil to 18 feet bgs, followed by the addition of approximately 275 gallons of sodium lactate (an enhanced reductive chlorination [ERD] agent) during backfilling to stimulate bioremediation. Reductive dechlorination is the breakdown of PCE into its daughter products TCE, cis-1,2-DCE, vinyl chloride, and ethene under anaerobic conditions. Approximately 3,000 gallons of groundwater were also removed from the excavation and disposed off site at a recycling facility. Seven confirmation soil samples were collected from the excavation sidewalls and base, from saturated soil. Analytical results indicated VOCs (up to 8,300 milligrams per kilogram [mg/kg] PCE) remained in the saturated soil. The excavation was backfilled with crushed rock. A porous geomembrane was placed on top of the gravel. The membrane was covered by compacted base rock and the surface was paved to match the previous conditions. During excavation activities, shallow groundwater monitoring well MW-2 was abandoned and replaced with shallow groundwater monitoring well MW-2A installed to approximately 20 feet bgs.

Excavation was successful in removing the majority of the source mass at the Site and, in combination with the application of sodium lactate, resulted in significant reduction in concentrations of VOCs in groundwater downgradient from the excavation.

4. **June 2003:** 1,200 pounds of sodium lactate (approximately 460 gallons of diluted sodium lactate solution) was injected into monitoring wells MW-2A, MW-5, MW-7, MW-9, MW-11, and MW-12 to enhance biodegradation of PCE-affected soil and groundwater at the Site. Groundwater monitoring wells were sampled approximately four weeks after the injection of the sodium lactate solution. Analytical results for these samples indicated that concentrations of PCE and TCE had markedly decreased in wells where injection had occurred, while concentrations of cis-1,2-DCE (a degradation product of PCE and TCE) in these wells had increased, indicating that the injection was effective in stimulating biodegradation. Quarterly groundwater monitoring data collected since June 2003 indicated further reductions in VOC concentrations in groundwater at the Site.

Results of inorganic and organic groundwater quality monitoring indicate that the second phase of sodium lactate injection was successful in reducing the concentrations of VOCs to low concentrations, and that the mechanism was biologically induced reductive dechlorination. The presence of relatively high methane in several wells indicated the continued presence of methanogenic conditions six months after the injection.

3.2 EFFECTS OF REMEDIATION ON SOIL AND GROUNDWATER

As further described in Section 6 of this report, the remedial activities conducted at the Site have been effective at reducing the concentrations of VOCs in soil, soil vapor, and groundwater to below cleanup goals, with the exception of a limited area where groundwater contains VOCs at concentrations above the cleanup goals. However, as discussed in Section 6, concentrations of VOCs that currently are above cleanup goals show decreasing trends and are predicted to achieve the cleanup goals within a reasonable timeframe. Excavation, in combination with the injection of sodium lactate, resulted in dramatic reductions in concentrations of VOCs in groundwater downgradient from the excavation area. The addition of sodium lactate to the backfill material and subsequent sodium lactate injections into adjacent monitoring wells enhanced biodegradation of the remaining VOCs. Analytical data for groundwater samples collected in late June 2003, after the injections, indicate that these injections were effective in stimulating bioremediation of the VOCs in groundwater. Ongoing natural attenuation has further reduced concentrations of PCE and its degradation products in groundwater.

Following remedial activities, soil sampling and groundwater monitoring were conducted to evaluate its effectiveness. As demonstrated by the analytical results, VOC concentrations in soil have been reduced to below cleanup goals, and VOC concentrations in groundwater have been reduced to below cleanup goals or, based upon analytical trend analysis, should achieve cleanup goals within a reasonable timeframe (See Section 6). In 2007, after BARFI completed the remedial activities at the Site, DTSC and BARFI entered into the O&M Agreement for ongoing groundwater monitoring at the Site. In 2008, DTSC issued a "Removal Action Certification" to BARFI and determined that "all appropriate removal/remedial actions have been completed and that all acceptable engineering practices were implemented; however, the site requires ongoing operation and maintenance and monitoring efforts." Operation, maintenance, and monitoring activities, including groundwater monitoring, have continued under the O&M Agreement. The groundwater monitoring results are summarized in this Report (See Section 4). For the reasons set forth herein, BARFI is requesting that DTSC allow BARFI to cease all groundwater monitoring activities upon approval of this Report.

4.0 CONCEPTUAL SITE MODEL

A conceptual site model is a written and/or illustrative representation of the conditions and the physical, chemical and biological processes that control the transport, migration and potential effects of chemical impacts in soil, groundwater, soil vapor, and surface water to human and/or ecological receptors. This section provides a detailed description of the Site history and source of VOC impacts; geology and hydrogeology of the Site; the nature and extent of VOC impacts in soil, groundwater, soil vapor, and surface water; the current and future Site use; nearby receptors; and exposure and migration pathways and potential risks.

4.1 SITE HISTORY AND SOURCE OF CHEMICAL IMPACTS

Dry cleaning operations took place at the Site from 1959 to late 1992. PCE was used as the primary chemical during the dry cleaning operations at Mercury Dry Cleaners. In February 1989, an anonymous caller filed a complaint with the County stating that Mercury Dry Cleaners had routinely left solvent filters outside the back door of the facility. The County's follow-up inspection noted that the facility generated 10 solvent filters and approximately four gallons of PCE waste per month, which was stored outside the facility. Site investigations identified PCE-affected soil and groundwater in a parking area near a trash disposal shed behind the facility, where solvent filters had allegedly been discarded. This area of the Site has been identified as the source for the VOCs detected in soil and groundwater samples collected at the Site, and has been the primary focus of the remedial activities that have been conducted at the Site. Based on the results of the initial soil investigation, soil samples within the dry cleaning facility contained relatively low concentrations of VOCs, indicating that this area was not a significant source area for the VOC impacts to groundwater at the Site.

4.2 GEOLOGY AND HYDROGEOLOGY

The geology and hydrogeology of the Site are presented in (1) the Results of Additional Investigation, and Monitoring Point Installation and Quarterly Monitoring Report, July to September 1999 reports prepared by Geomatrix Consultants, Inc. (Geomatrix) in 1997 and 1999, respectively; (2) the Five-Year Evaluation Report of Remedial Actions prepared by ARCADIS in 2012; and, (3) the Semiannual Groundwater Monitoring and Summary Report, prepared by ARCADIS in 2013.

The Site is located in the Coast Range geomorphic province, on the eastern side of San Pablo Bay. The Site is underlain by 15 to 70 feet of alluvial deposits above Tertiary-age siltstone and mudstone bedrock. Alluvial deposits beneath the Site consist primarily of well-compacted silt and clay with thin lenses of sandy silt and gravelly sand. A cross section showing the depth to bedrock and the limited extent of sand units beneath the Site is presented on Figure 3 (the cross-section location is shown on Figure 2).

Two groundwater-bearing zones are designated at the Site. The shallow groundwater-bearing zone is designated in the upper 30 feet and occurs primarily in the fine-grained sediments. The deeper groundwater-bearing zone is designated as just above the bedrock interface (approximately 64 to 70 feet bgs).

The shallow groundwater was recently monitored in January 2014 during the biennial event. Depth to groundwater in the shallow zone ranged from 4.78 feet bgs in monitoring point MP-1 to 16.50 feet bgs in well MW-10 (Table 4). Groundwater elevations ranged from 33.40 feet above msl (MW-10) to 37.49 feet above msl (MW-6); the direction of groundwater movement is toward the southwest. Shallow zone groundwater elevation contours are shown on Figure 4A. Historical water level data are included in Appendix B.

Shallow groundwater measurements collected during the January 2014 biennial monitoring event indicate that the hydraulic gradient was approximately flat immediately beneath the former dry cleaners. These results are consistent with historical trends. West of the former dry cleaners, the groundwater flows to the west-northwest towards Pinole Creek with a hydraulic gradient of approximately 0.04 foot per foot as calculated between wells MW-12 and MW-10, and a gradient of approximately 0.05 foot per foot as calculated between wells MW-9 and MP-1.

Pinole Creek and a freeway culvert that drains into the creek have an apparent local influence on the shallow groundwater flow (Figure 4A). The groundwater gradient for the shallow zone, which is relatively flat over the majority of the Site, steepens near the creek and culvert. Specifically, groundwater elevations in P-1 and MW-10 are about 3 feet lower than the elevations in nearby MW-7 and MW-9 indicating the gravel backfill around the culvert may divert shallow groundwater toward the culvert, rather than toward Pinole Creek. Additionally, Pinole Creek is a losing stream, that is, the creek discharges to groundwater at this location.

Groundwater elevations in the deeper groundwater-bearing zone were last measured in 1999 and ranged from 36.40 feet above msl in well DZ-2 to 37.41 feet above msl in well DZ-3. Previous water levels collected from the deep zone monitoring wells DZ-1, DZ-2, and DZ-3 indicated the horizontal hydraulic gradient was northwest, suggesting the groundwater in the deep zone generally flows towards the San Pablo Bay. Deep zone groundwater elevation contours are shown on Figure 4B. Historical water level data are included in Appendix B.

4.3 NATURE AND EXTENT OF VOC IMPACTS

The nature and extent of VOCs detected in soil, groundwater, soil vapor, and surface water at the Site have been thoroughly characterized. This section describes the extent of VOCs detected in soil, groundwater, and surface water prior to remedial activities conducted at the Site. Current soil, groundwater, and soil vapor conditions are described in Section 4.4 of this Report.

Summary of Findings Prior to Remediation

The extent of VOCs in soil and groundwater at the Site prior to remediation are presented in the Removal Action Effectiveness Report prepared by LFR in 2005 and in the Explanation of Significant Differences for Final Removal Action Work Plan for Source Area Remediation prepared by LFR in 2007. Historical data collected for soil, groundwater, and surface water are compiled in Appendix A, Appendix B, and Appendix C, respectively.

PCE, which was used as a dry cleaning solvent, and its breakdown products (TCE, cis-1,2-DCE, vinyl chloride) are the primary VOCs detected in soil and groundwater at the Site. Other VOCs including trans-1,2-dichloroethene (trans-1,2-DCE), 1,1,2-trichloroethane, chlorobenzene, 1,1,2,2-tetrachloroethane, 1,4-dichlorobenzene, and 1,2-dichloroethane have

been detected to a lesser extent in soil and groundwater beneath the Site. The discussion that follows will focus on the primary VOCs detected at the Site.

Soil

Based on the results of investigations conducted from 1992 to mid-1995, the highest concentrations of VOCs in soil were detected in the area of the former waste storage area. In this location, PCE was detected at a maximum concentration of 920 mg/kg in soil. PCE was also detected at relatively low concentrations in soil samples collected directly beneath the former dry cleaning facility. The maximum concentration of PCE detected in this area was 0.043 mg/kg. The analytical results indicated that this area was not a significant source of VOC impacts to groundwater at the Site (Appendix A).

Results of Groundwater and Surface Water Monitoring Prior to Remedial Activities

Prior to implementation of remedial activities, the highest concentrations of PCE (up to 110,000 µg/L [June 1999]) were detected in a groundwater sample collected from well MW-2. MW-2 (which was replaced with MW-2A in 2002) was located directly behind the backdoor of the former Mercury Cleaners. The area surrounding MW-2, where chemicals may have been released to the vadose (unsaturated) zone, is referred to as the “source area.” The most recent shallow-zone groundwater sample from well MW-2 prior to excavation activities (June 2002) contained concentrations of PCE, TCE, and cis-1,2-DCE at 45,000 µg/L, 18,000 µg/L, and 7,300 µg/L, respectively. VOCs were generally not detected in groundwater samples collected from wells MW-8, MW-4, and MW-3, located upgradient from the source area and VOCs were detected at significantly lower concentrations (less than 300 µg/L) immediately lateral to the source area, at MW-1.

Lower but elevated concentrations of VOCs (500 to 4,500 µg/L) were encountered in groundwater samples collected from wells MW-5, MW-11, and MW-12, between 50 and 100 feet downgradient from the source area prior to remedial activities.

The maximum VOC concentrations in the deeper groundwater zone were detected in a CPT sample collected approximately 50 feet from MW-2 at 60 feet bgs; PCE, TCE, and cis-1,2-DCE concentrations were 16 µg/L, 4.8 µg/L, and 4 µg/L, respectively.

Investigations over the years have consistently demonstrated that VOC-affected groundwater has not impacted the water quality of Pinole Creek. In September 1997, Geomatrix collected creek water samples upstream, adjacent to and downstream of the Site and installed two wells along Pinole Creek (MP-1 and MP-2) to evaluate whether VOCs were entering the creek (Table 5; Figure 5). The hydraulic evaluation indicated that at the time of the investigation, water in the creek was recharging groundwater (i.e. it is a losing stream). VOCs were not detected in the stream samples. Results of this investigation were consistent with the results of subsequent surface water sampling of Pinole Creek conducted in September 1999 (Table 5). VOCs were

not detected in initial and subsequent quarterly sampling in either of the two wells in Pinole Creek.

In summary, although elevated concentrations of VOCs existed in groundwater prior to remediation, the lateral extent of VOC-impacted groundwater was essentially limited to a relatively narrow footprint within the Site boundary and the vertical extent of VOC-impacted groundwater was limited to the shallow zone.

4.4 CURRENT CONDITIONS

As described in Section 3 of this report, soil and groundwater remedial activities were conducted at the Site from 2000 to 2003. The source of PCE at the Site was identified and removed and several rounds of chemical injections were conducted in the source area. As discussed below, these remedial actions removed the source of VOCs and significantly reduced VOC concentrations in groundwater. In addition, since the completion of remedial activities in 2003, VOC concentrations have continued to attenuate naturally.

The following section describes the current conditions of the soil, groundwater, surface water, and soil vapor at the Site.

Soil

The extent of VOCs in soil at the Site and the effectiveness of the remedial activities are presented in the Soil Quality Data report prepared by ARCADIS in 2013. Soil data collected at the Site are compiled in Tables 6A, 6B, and 6C and Appendix A. As depicted in Figure 6, the areas where contaminant levels in soil exceeded the site-specific cleanup standards were excavated by BARFI in 2002. The soil samples that exceeded the applicable cleanup goals prior to the 2002 excavation are highlighted in bold on Figure 6.

The effectiveness of the soil excavation was evaluated by comparing the analytical results for soil samples collected outside the excavation to the site-specific cleanup goals for soil presented in Table 3. The analytical results for soil samples collected at all but one soil boring, location S-4, indicate that elevated concentrations of PCE, TCE, and 1,1-dichloroethene in vadose zone soils have been removed. The sole soil sample containing PCE at a concentration above the applicable cleanup goal (soil boring S-4 at 1 foot bgs) was collected in 1997 from the northwest side of the fence, within the Caltrans right-of-way.

The concentration of PCE detected in soil boring S-4 is considered a minor, isolated exceedance that does not represent the actual soil conditions at the Site. In a deeper sample collected from boring S-4 at 5 feet bgs, PCE was measured at a concentration below the cleanup goal. Additionally, soil samples collected from borings surrounding boring S-4 at various depths did not identify impacts above applicable cleanup goals. Since the land in the vicinity of boring S-4 is unpaved, it is likely that PCE near soil boring S-4 has significantly attenuated through volatilization over the 17-year period since it was detected. Even assuming low

concentrations of PCE still exist in soil at boring S-4, the opportunity for human contact with the impacted soil at boring S-4 is unlikely because this area is within the Caltrans right-of-way. The Pinole Valley Shopping Center is separated from the Caltrans right-of-way by a chain link fence, which limits access to the S-4 location.

In summary, previous soil sampling data demonstrate that the applicable cleanup goals are achieved for on- and off-site soil, and concentrations of VOCs in soil, if any exist, do not present a risk to human health under the current site use.

Groundwater

Analytical results of groundwater samples collected as part of BARFI's January 2014 biennial groundwater investigation are summarized in Table 7. The laboratory certified analytical reports for these samples are included in Appendix H.

PCE concentrations detected during the recent biennial monitoring event remain significantly lower than PCE concentrations detected at the Site in 2005. PCE concentrations ranged from 1.1 µg/L to 40 µg/L (in wells MW-1 and MW-7, respectively; Table 7). The downward VOC trend in groundwater is depicted in Figures 7A through 7F.

The dimensions of the VOC plume are limited at the Site to small footprints around the former source area and downgradient near MW-7. Plume maps for PCE, TCE, cis-1,2-DCE, and vinyl chloride are presented on Figures 8A through 8D. The concentration of VOCs in profile view from the source area with distance away from the source are shown on Figure 9.

In addition to the most recent groundwater data collected in January 2014, this Reports includes groundwater quality data from the shallow zone from April 1994 through January 2014 (20 years) and from the deeper zone wells from October 1996 through September 2006 (10 years). This extensive data set indicates that the lateral extent of VOC-affected groundwater is limited to a small footprint within the Site boundary, and the vertical extent of VOC-affected groundwater is primarily limited to the shallow zone. Significantly, the data also indicate:

- Total VOCs in monitoring well MW-2A have decreased by approximately three orders of magnitude relative to pre-remediation concentrations
- Total VOC concentrations have also decreased in cross- and downgradient monitoring wells MW-1, MW-7, and MW-11
- Only a small plume footprint is present at the Site

As presented in Section 6 herein, results of a linear regression analysis demonstrate attenuation of VOCs in groundwater below cleanup goals within 10 years.

Surface Water

As stated in Section 4.3, investigations over the years have consistently demonstrated that VOC-affected groundwater has not impacted the water quality of Pinole Creek or any other

surface water. VOCs have not been detected in the two wells installed near Pinole Creek or in samples collected from Pinole Creek (Table 5 and 7; Figures 5 and 8A through 8D).

Soil Vapor

The extent of VOCs in soil vapor following remedial activities is presented in Results of Soil-Vapor Investigation and HHRA prepared by LFR in 2006 and the Five-Year Evaluation Report of Remedial Actions prepared by ARCADIS in 2012. Soil vapor analytical results are presented in Tables 8A and 8B and are shown on Figures 10A and 10B.

In June 2005, LFR conducted a soil-vapor investigation, collecting soil-vapor samples at 11 locations at the Site for analysis of VOCs. During this event, soil samples were collected near six of the soil-vapor sample locations for analysis of selected soil physical parameters. Soil-vapor and soil physical parameter data were then used to conduct a HHRA to assess whether VOC-affected groundwater posed a human health risk, primarily through indoor air pathway at the Site. The human health risk assumed an ongoing commercial/industrial site use.

Results from the HHRA indicated that the total estimated cancer risk is 1×10^{-6} and the total estimated non-cancer hazard is 2×10^{-2} , which are equal to and below the DTSC target risk and hazard of 1×10^{-6} and 1, respectively (Table 9). Therefore, VOCs in soil vapor migrating upward through the soil column and into structures are not likely to be present at concentrations that will result in adverse health effects under the current and foreseeable future commercial land use. In its comments to the first version of this report (see Appendix I), DTSC performed an updated analysis of the potential vapor risks to current and future commercial workers using its vapor intrusion model, groundwater results from 2012, more conservative attenuation factors, and current toxicity criteria. The results of DTSC's updated analysis indicate the risk is greater than the original risk calculation presented in the HHRA conducted in 2006 but is well within the acceptable risk range established by the EPA. DTSC's analysis is summarized in Appendix I.

4.5 CURRENT AND FUTURE SITE USE

The Site is occupied by the Pinole Valley Shopping Center, which consists of commercial, retail, and restaurant businesses. The shopping center was recently redeveloped in 2004 and 2007. The Site is zoned by Contra Costa County for commercial use. Given that the current zoning and the fact that the Pinole Valley Shopping Center was recently renovated, it is unlikely the Site's land use will change in the foreseeable future.

4.6 NEARBY RECEPTORS

Potential human and ecological receptors located at and near the Site were evaluated. Well surveys were conducted to identify nearby water supply wells in 1997 and in 2013 as described below. These well surveys demonstrated that there are no active water supply wells in the vicinity of the Site and therefore groundwater is not used in the vicinity of the Site.

Potential receptors to soil and groundwater include on-site construction workers conducting subsurface work behind the former dry cleaners. Potential receptors to soil vapor include on-site construction workers, commercial workers, and customers. The Site is paved and there are no ecological receptors on Site. As described in Section 4.4, Pinole Creek is not impacted by previous activities of the former dry cleaners.

In 1997, Geomatrix conducted a well survey within a 2,000-foot radius of the Site to evaluate whether there are potential receptors to groundwater in the vicinity of the Site. No water supply wells were identified. Aerial photographs dating from 1950 to 1996 were reviewed to identify buildings associated with historical agricultural activities and where supply wells might have been located. A pre-1960s farmhouse and barn are located at 1255 Pinole Valley Road, about 1 mile north of the Site. Geomatrix contacted East Bay Municipal Utility District (EBMUD), the City Pinole Department of Public Works, and the West Contra Costa County Wastewater District to identify whether any well records existed in the vicinity of the Site and to find out if any water services are provided to the farmhouse. Agency representatives reported that no water-supply wells exist for the specified area and that no water service is currently provided to the 1255 Pinole Valley road farm address.

In 2013, AMEC conducted a well survey to identify whether water supply wells had been installed in the vicinity of the Site since 1997. AMEC requested a search of available well completion reports within a 0.5-mile radius of the Site from the State of California Department of Water Resources. The well search identified eight properties with existing or abandoned groundwater monitoring wells (which appear to be used to monitor groundwater at nearby gas stations; see Table 10; Figure 11). No water supply wells were identified.

4.7 EXPOSURE AND MIGRATION PATHWAYS AND POTENTIAL RISKS

As described in Sections 4 and 6 of this report, the main contaminant migration pathways are groundwater and soil vapor. However, groundwater and soil vapor data indicate that migration of contamination does not extend beyond the boundary of the Site.

There are no current exposure pathways to groundwater or soil at the Site. The Site is capped with asphalt or a concrete building slab and the shallow groundwater is not being used. The depth of groundwater at the Site ranges from 7 to 12 feet bgs in shallow monitoring wells. Subsurface utilities are commonly located within the upper 8 feet bgs. Therefore, it is not expected that groundwater would be encountered during routine subsurface construction or maintenance activities at the Site. However, if there are unusual subsurface activities that require excavation to a depth greater than 8 feet bgs or that require dewatering of groundwater, construction workers could potentially be exposed to saturated soil, groundwater, and/or soil vapor containing VOCs above the cleanup goals. Section 5 describes the proposed measures to mitigate the potential risk to construction workers using a site-specific soil and groundwater management plan.

Based on current data available for the Site, exposure to contaminants through indoor vapor intrusion would not pose a significant health risk.

5.0 MEASURES TO MITIGATE RISK

As described in Sections 3, 4, and 6 of this report, there are currently no existing contaminant exposure pathways to groundwater or soil. However, mitigation measures as described in Sections 5.1 and 5.2 are proposed as precautionary measures to eliminate any potential risk from exposure to saturated soil, soil vapor, and groundwater at the Site.

5.1 LAND USE COVENANT - DEED RESTRICTION

As demonstrated by this Report, groundwater and soil vapor beneath the Site are not significantly impacted with PCE and its breakdown products. Low concentrations of the VOCs that do remain are expected to degrade and attenuate over time and as such do not pose risks to human health under the commercial land use scenario (see Section 6). In order to manage residual, minor VOC-impacts in the subsurface, a land use covenant (LUC) will be recorded that prohibits the use of shallow groundwater at the Site and restricts the use of the land to commercial/industrial uses. The LUC will inform the future land owners that affected groundwater is present at the Site. Based on the results of the HHRA, a commercial/industrial land use will be protective from a human health standpoint.

5.2 SOIL AND GROUNDWATER CONTINGENCY MANAGEMENT PLAN

PCE and its degradation products are present in groundwater at concentrations above the cleanup goals in a limited area of the Site. While there are no current plans for redevelopment or construction at the Site, construction workers could be exposed to vapors released from groundwater if subsurface construction activities were to occur. The potential risk to workers will be mitigated by using engineering controls (e.g. limited access to the water table by workers) as set forth in project-specific Soil and Groundwater Contingency Management Plans (SGCMPs). A project-specific SGCMP will be prepared and submitted to DTSC for approval prior to any construction activities. At DTSC's request, BARFI prepared a draft general SGCMP, which proposes ways to eliminate the potential risk from exposure to groundwater at the Site by implementing the following actions:

- Control exposure to impacted groundwater and groundwater-saturated soils within the Site, including for future development and subsurface construction activities;
- Provide notification procedures and describe how the SGCMP will be made available.

The draft SGCMP was not finalized because DTSC and BARFI agreed that project-specific SGCMPs would be more protective of site workers than a general SGCMP that does not address specific aspects of future proposed projects.

5.3 FIVE-YEAR REVIEWS

To the extent that Five-Year Reviews are required in the future, such Five-Year Reviews will consist solely of a certification that the Site continues to be used for non-prohibited purposes, groundwater is not being used at the Site for any purpose, and the governing cleanup criteria have not changed since the approval of this Report.

6.0 ACHIEVING CLEANUP GOALS IN GROUNDWATER

As described in Sections 3 and 4 of this report, the concentrations of VOCs in groundwater at the Site decreased significantly after the completion of the on-site remedial activities. In addition, natural attenuation processes are ongoing and are further reducing VOC concentrations in groundwater (Figures 7A through 7F). This section describes the observed natural attenuation of VOCs in groundwater, the plume reduction with time, and the estimated time to achieve cleanup goals in groundwater. This section also documents that Site groundwater does not impair or impact any beneficial use of groundwater.

As described below, the significant decrease in PCE concentrations at MW-2A located near the source area clearly illustrates the effectiveness of the remedial activities conducted at the Site and ongoing natural attenuation. Groundwater analytical data indicate that concentrations of PCE at other monitoring locations have decreased substantially over time, and the reduction is attributable to the remedial measures conducted at the Site and natural attenuation. In addition, concentrations of the breakdown products of PCE have been decreasing overall in samples collected from the wells since the remedial activities were conducted at the Site.

6.1 NATURAL ATTENUATION

The natural attenuation processes observed in groundwater at the Site were presented in the Explanation of Significant Differences for Final Removal Action Work Plan for source area Remediation prepared by LFR in 2007 and the Five-Year Evaluation Report of Remedial Actions prepared by ARCADIS in 2012. Results of groundwater samples collected for water quality parameters and monitored natural attenuation parameters, including samples collected during the January 2014 groundwater monitoring event, are presented in Tables 11 and 12, respectively.

Following source removal, VOC concentrations in groundwater are reduced through natural attenuation mechanisms. Natural attenuation mechanisms include:

- Biodegradation – is the process by which naturally-occurring microbes utilize the target compound as a source of energy or food in their metabolic process. In doing so, the target compound is chemically transformed (degraded) to a new compound; eventually, the target compound degrades to a less toxic or inert compound
- Dilution - mixing of groundwater containing VOCs with surrounding clean or less affected groundwater, resulting in reduced VOC concentrations

- Dispersion - mixing of groundwater due to variations in the velocity of groundwater movement, resulting in longitudinal, transverse, and vertical spreading of the plume, and reduced contaminant concentrations
- Diffusion - spreading and dilution of VOCs due to molecular diffusion of the contaminant in groundwater from areas of relatively high concentration to areas of lower concentration, resulting in overall decreases in contaminant concentrations
- Volatilization - volatilization or transfer of contaminants from the groundwater phase to soil vapor in the vadose zone, lowering groundwater concentrations
- Sorption - sorbing of contaminants to organic carbon or clay minerals in the saturated sediments, thus sequestering the contaminant and reducing groundwater concentrations and the potential for migration

All of these processes result in a decrease in the dissolved-phase concentration of the VOCs.

Biogeochemical parameters, including oxidation reduction potential, dissolved oxygen, methane, hydrogen, ethene, ethane, and inorganic compounds, detected in samples collected from shallow monitoring wells indicate conditions are conducive to biological degradation of PCE. VOCs (including PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) are being biologically degraded completely to the innocuous end-products ethene and ethane through reductive dechlorination. The biogeochemical parameters supporting ongoing reductive dechlorination of PCE and its breakdown products include the following:

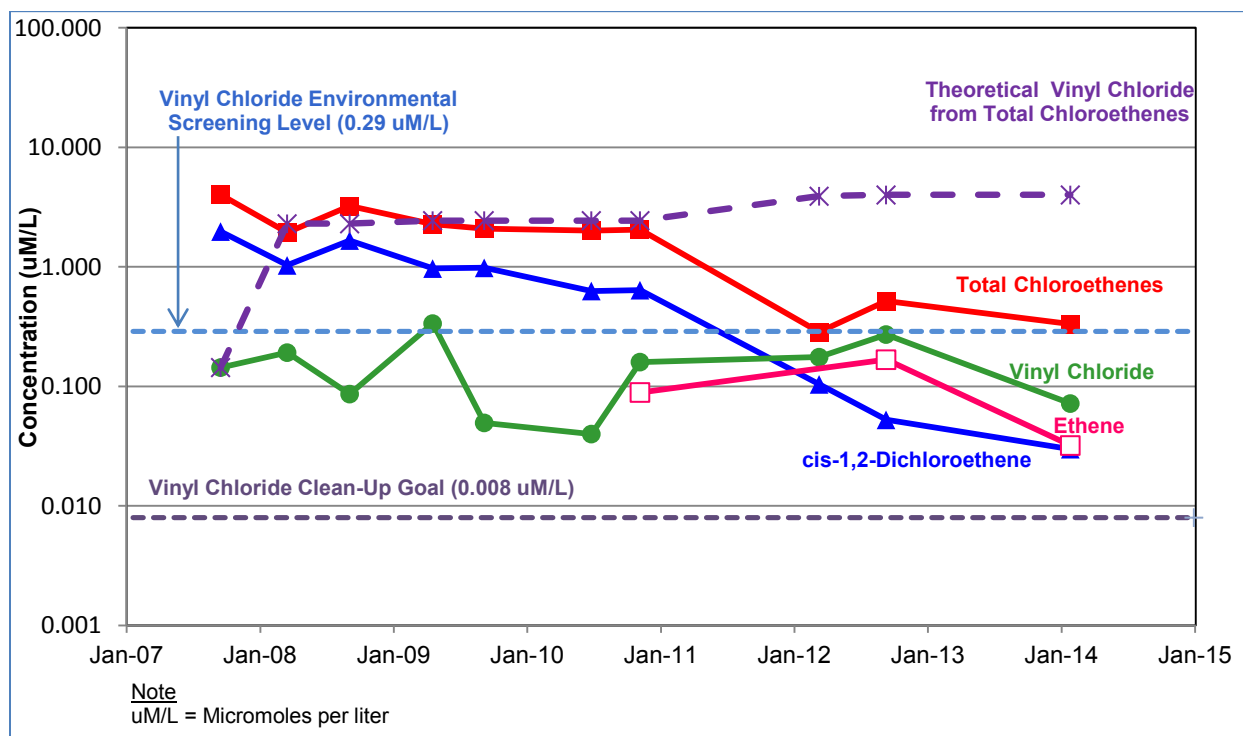
- Ethene and Ethane: Both of these compounds are end-products of the complete reductive dechlorination of PCE. Ethene and ethane (detected at concentrations up to 8.5 µg/L) were present at multiple monitoring wells in January 2014, indicating that reductive dechlorination processes are proceeding to completion within the plume (Table 12).
- pH: Groundwater pH values within 5 and 9 are considered optimal for reductive dechlorination of chlorinated compounds. During the 2014 monitoring event, all recorded pH values were within the optimal range (Table 11).
- Methane: The presence of methane (detected at concentrations up to 1,100 µg/L) indicate reducing conditions occur within the plume that are conducive to reductive dechlorination (Table 12).

To further evaluate the progress of monitored natural attenuation and concentrations trends of vinyl chloride at MW-2A, AMEC estimated the theoretical concentration of vinyl chloride that would be present if degradation of chloroethenes were “stalling” at vinyl chloride. This was done by tracking the total molar concentration of chloroethene compounds (PCE, TCE, cis-1,2-DCE, and vinyl chloride) at MW-2A. If degradation were completely stalled at vinyl chloride and vinyl chloride was not further degrading to ethene and ethane, the total molar concentration of chloroethenes would theoretically remain the same over time, while the vinyl chloride concentrations would increase due to the accumulation of the degraded parent compounds.

The theoretical, “stalled” vinyl chloride concentration for each sampling event was calculated as the accumulation of “missing” chloroethene moles from the prior sampling event. As depicted in

the Figure 12, the theoretical vinyl chloride concentration is significantly higher than the measured concentration of vinyl chloride. This result supports the conclusion that vinyl chloride is degrading. In addition, as the natural attenuation of the parent compounds PCE, TCE, and cis-1,2-DCE proceeds, there will be an ultimate reduction in vinyl chloride concentrations because there will be no parent compounds remaining to produce it. Note that the reduction of vinyl chloride to ethene may be kinetically slower, as indicated by the stability of the vinyl chloride concentration on the graph. However, as shown on Figure 12, if the vinyl chloride were not degrading the concentration would be much greater and the vinyl chloride trend would be increasing.

The behavior of the overall system clearly demonstrates chlorinated solvents, including vinyl chloride, are degrading naturally. This is further supported by the presence of ethene at concentrations that are comparable to vinyl chloride concentrations in recent sampling events.



Theoretical Vinyl Chloride Concentrations in Groundwater

Note:

Vinyl Chloride Environmental Screening Level from the Water Board; estimated concentration of vinyl chloride in groundwater that is protective of indoor air for potential vapor intrusion in fine to coarse grained sediment under the commercial/industrial land use scenario, Table E-1, December 2013.

6.2 PLUME REDUCTION

Water level elevation data and time-series charts for VOCs detected in groundwater were used to evaluate the changes in the plume configuration since remedial activities were completed at the Site.

Water Level Elevation Data

AMEC prepared groundwater elevation versus time charts to evaluate the relationship between the shallow and deep zone groundwater and the potential effects of seasonal changes in water levels on VOC concentrations. Groundwater elevations from 2000 to 2014 for shallow and deep monitoring wells installed at the Site are compiled in Appendix E.

As shown on Figure 13, the groundwater elevations in the shallow zone groundwater are similar to each other for a given monitoring event indicating a consistent gradient occurs across the Site with time. Groundwater elevations in the shallow zone are about 4 feet higher in the winter compared to the summer elevations indicating local recharge during the wet season.

Groundwater elevations in the deep zone monitoring wells DZ-1, DZ-2, and DZ-3 show a similar seasonal pattern. The groundwater elevations in shallow monitoring wells P-1, MP-1, MP-2, and MW-10, located near Pinole Creek, are consistently lower than the other shallow zone and deep zone monitoring wells at the Site. The water levels in these wells are about 4 to 6 feet lower than other wells indicating a downward vertical gradient near Pinole Creek. Seasonal variations in water levels are less pronounced in P-1, MP-1, MP-2, and MW-10 compared to the other shallow wells. As described in Section 4.4, Pinole Creek is a losing stream.

The seasonal changes in groundwater elevation indicate a rise and fall in the water table of about 4 feet. This change is relatively small and does not appear to influence VOC concentrations in groundwater, as described below.

Concentration Time-Series Data

AMEC prepared concentrations versus time charts for PCE and its breakdown products detected in samples collected from shallow and deep monitoring wells from 2000 to 2014 (Figures 7A through 7F; Appendix F). The time-series charts indicate the following trends:

- The concentration of PCE decreases sharply in the source area (MW-2 and MW-2A) and downgradient in MW-5, MW-11 and MW-12 immediately following the excavation and implementation of the ERD injections. Similarly, the concentrations of PCE breakdown products have decreased by three orders of magnitude in the source area (MW-2 and MW-2A) following remedial activities.
- The concentrations of PCE and its breakdown products have decreased in all wells at the Site following remedial activities.
- The concentrations of PCE in all site wells continue to decrease following implementation of the ERD injections (note that although the concentration of PCE initially rebounded in some wells, the long-term trend shows an ongoing decrease in PCE concentrations).
- TCE, cis-1,2-DCE, and vinyl chloride are present in groundwater before remediation indicating biodegradation was occurring naturally prior to the ERD injections.
- TCE, cis-1,2-DCE, and vinyl chloride are present at lower concentrations after the ERD injections indicating ongoing attenuation.

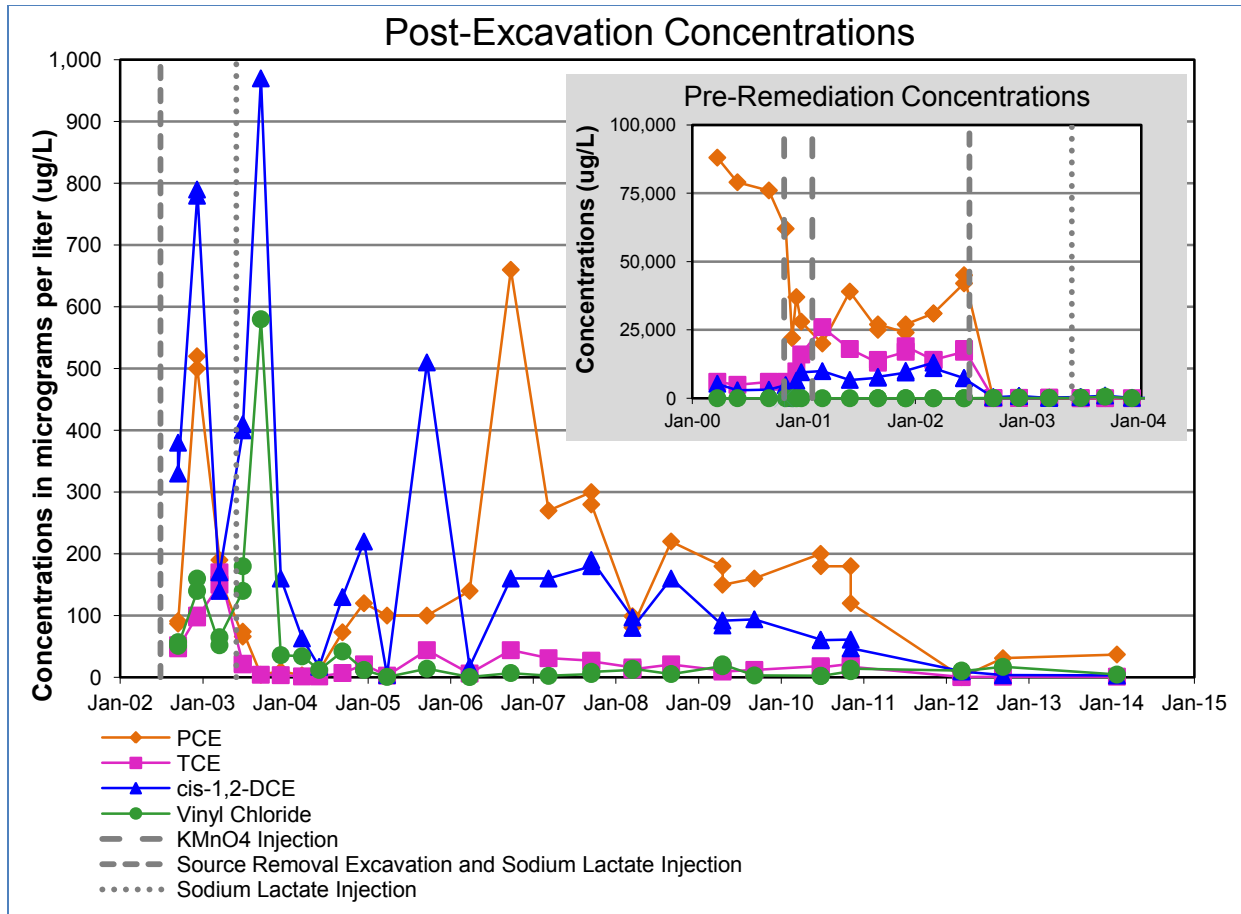
6.3 TIMEFRAME TO ACHIEVE CLEANUP GOALS

AMEC evaluated the timeframe to achieve cleanup goals in groundwater using routine statistics and a linear regression analysis.

Analysis of the likely time to achieve cleanup goals was previously conducted by ARCADIS, as presented in the Five-Year Evaluation Report of Remedial Actions (2012). The previous analysis utilized groundwater data that was generated following the 2003 sodium lactate injection. However, as shown by the charts presented in Figures 7A through 7F and Appendix F, considerable fluctuation of data occurred following the injection, suggesting that the ERD remedial activity was ongoing and not yet exhausted. For most of the VOCs, fluctuation in their concentrations continued until at least 2007.

As further detailed below, the statistical analyses presented herein differs from the analysis conducted by ARCADIS in that the selection of the dataset for each well and each constituent was based on the cessation of the observed effects of the remedial activity. This allows the regression analysis to reflect the effects of natural attenuation alone. Results of the analysis support attenuation of VOCs in groundwater to below cleanup goals within 10 years of the date of this Report.

Groundwater monitoring results for samples collected from MW-2 and replacement well MW-2A from 2000 to 2014, which are presented in Figures 7A and graphically shown below, illustrate the data fluctuation that occurred during and after implementation of the remedial activities.



Volatile Organic Compounds in Groundwater vs Time, MW-2/MW-2A

Notes:

1. MW-2 was destroyed on July 22, 2002 and replaced by MW-2A on July 25, 2002.
2. Pre-remediation concentrations shown on insert as dramatic decrease in post-remediation concentrations cannot be shown on the same non-logarithmic scale.

As shown by the results in MW-2A presented above:

- Pre-remediation concentrations of VOCs are orders of magnitude higher than post-remediation concentrations; excavation of source material resulted in an immediate and substantial decrease in VOC concentrations.
- Considerable fluctuation of the post-excitation VOC data continued for approximately four years following the last sodium lactate injection; at this time, a clear downward trend for PCE and its daughter products, was established and continues to present day.
- Vinyl chloride concentrations appear to follow the general attenuation trend of the parent VOCs, but are classified as “stable” at MW-2A (see Mann-Kendall Analysis below) due to the on-going balance between vinyl chloride generation from cis-1,2-DCE and vinyl chloride degradation to ethene. Given the overall declining trend of

parent chloroethene concentrations, vinyl chloride is expected to attenuate in a comparable period of time as the parent VOCs.

- The vinyl chloride present in groundwater does not pose a threat to indoor air for commercial workers. The concentration of vinyl chloride detected in samples collected from MW-2A are less than the estimated Environmental Screening Level concentration of vinyl chloride in groundwater that is protective of indoor air for potential vapor intrusion in fine to coarse grained sediment under the commercial/industrial land use scenario (Water Board, 2013).

Mann Kendall Analysis

The Mann-Kendall trend analysis is a nonparametric statistical evaluation that uses the relative magnitude of the data, over time, to estimate the probability that a trend exists (Gilbert, 1987). The data are ordered by time and each data point is compared to data points corresponding to earlier sampling dates. The number of earlier data points that are higher or lower than each data point being evaluated is used to calculate the Mann-Kendall statistic. The statistics show one of the following potential trends:

- Increasing (I)
- Stable (S)
- Decreasing (D)
- Not Applicable (NA) due to insufficient data; less than 4 sampling events or greater than half of the samples were non-detect

Mann-Kendall statistics were estimated for VOCs detected in monitoring wells located along the groundwater flow path from the former source area (MW-2A) and downgradient (MW-11, MW-12) towards Pinole Creek (MW-7). Results of the Mann-Kendall analysis are summarized in Table 13.

The initial start date for the trend analysis was estimated based on observed changes in VOC concentrations following remedial activities. For most of the VOCs detected in MW-2A, MW-11, MW-12, and MW-7, VOC concentrations fluctuated following remedial activities as late as September 2007. The concentrations of cis-1,2-DCE and vinyl chloride detected in samples collected from MW-11 and MW-12 continued to fluctuate until September 2008. Vinyl chloride concentrations detected in samples collected from MW-7 fluctuated until September 2009. Since then, concentrations at all monitoring wells, with the exception of vinyl chloride in MW-2A, are showing an overall decreasing trend. The trend observed for vinyl chloride in samples collected from MW-2A is stable. The trend for PCE from MW-12 could not be determined because PCE was not detected in more than half of the samples collected from MW-12.

AMEC prepared linear regression charts for VOCs detected in monitoring wells located along the groundwater flow path from the former source area (MW-2A) and downgradient (MW-11, MW-12) towards Pinole Creek (MW-7) (Appendix G). A trend line was applied to the VOC concentration time-series charts and a correlation coefficient and attenuation equation was

produced. The trend line indicates the estimated time to achieve cleanup goals for each compound. The initial time zero on each chart is consistent with the date used to generate the Mann-Kendall trend statistic.

Results of the analysis support attenuation in groundwater to below cleanup goals within 10 years (Table 14). The following VOCs have already achieved cleanup: TCE and cis-1,2-DCE in MW-2A and PCE and TCE in MW-11 and MW-12. Note that the concentration of vinyl chloride in MWA-2A is above the water quality goal for drinking water but less than the environmental screening level established by the Water Board that considers the groundwater to indoor air pathway [Water Board, 2013]). It is anticipated that the concentrations of all compounds at the Site will continue to decrease with time because the source of contamination has been removed and natural attenuation is occurring.

AMEC also prepared a linear regression chart for vinyl chloride detected in MW-5. There is a decreasing trend at this location. The estimated time to achieve cleanup goal for vinyl chloride at this location is six years.

6.4 NO IMPACT TO BENEFICIAL USE OF GROUNDWATER

This section summarizes the existing and potential beneficial uses of groundwater at the Site and the institutional mechanisms that would prevent groundwater from being used in the future.

The existing and potential beneficial uses of groundwater at the Site are designated by the Water Board in their Basin Plan. There are no existing beneficial uses of groundwater at the Site. The Site is located outside any groundwater basin or sub-basin identified by the Water Board. Bedrock is located about 65 to 70 feet bgs and the sediments do not readily yield water. However, unless otherwise designated by the Water Board, all groundwater is considered suitable, or potentially suitable, for municipal and domestic water supply (MUN).

Municipal and domestic water is provided to Pinole and tenants at the Pinole Valley Shopping Center by EBMUD. EBMUD's water supply begins at the Mokelumne River watershed in the Sierra Nevada and extends 90 miles to the East Bay. AMEC contacted Kenneth K. Minn, Groundwater Resources Coordinator, Water Supply Improvements Division, EBMUD, to inquire about EBMUD's future plans to develop groundwater in the Pinole area. Per Mr. Minn, EBMUD has no plans for future groundwater development in the Pinole area. They conducted a study in the Richmond basin located west of Pinole, and determined the water was of poor quality.

The County governs the permitting process with respect to the installation of water supply wells. According to the County's water supply well construction requirements, a well is required to have a 50-foot sanitary seal and be set back 100 feet from property lines and septic systems. Thus, the minimum depth for a water supply well in Contra Costa County would be comparable to wells DZ-1, DZ-2, and DZ-3, which were completed approximately 64 to 70 feet bgs, or deeper.

The well permitting process also requires the proponent to conduct research into the land use and groundwater quality in the area surrounding the proposed well location. According to a conversation in April 2012 with ARCADIS and Ms. Christina Bos who worked for the Land Use Division of the County, such research includes review of the GeoTracker database and DTSC's EnviroStor database, along with physical inspection (drive-by surveys) of the neighborhood for the proposed well location. Based on the conversation with Ms. Bos, should the proposed well be located within 0.25 mile of a property that had a documented release of chemically affected groundwater, the County would contact the lead regulatory agency (even for closed cases) and discuss the potential well installation project. Ms. Bos did indicate that it is unlikely that the County would grant a permit to install a water supply well within approximately 1,000 feet of a property with documented groundwater impacts.

Development of groundwater for domestic use is restricted by the Ordinance Code of Contra Costa County, California, Title 4, Division 414 Approved Water Supply Systems (1981). The ordinance requires "any person proposing to subdivide or develop any property needing water for domestic purposes shall demonstrate an approved water supply and obtain written approval from the health officer for such development." In 1985, the County passed additional regulations that govern installation of a small water system and an individual water system for domestic use, including requirements for the proponent to conduct a hydrogeologic investigation to demonstrate an available water supply for the proposed development. As previously stated, the Pinole Valley Shopping Center is located in EBMUD's service area and potential development near the Site would have access to the municipal water supply.

7.0 REQUEST TO CEASE ALL GROUNDWATER MONITORING ACTIVITIES

The information presented in this Report demonstrates that the Site satisfies the criteria to cease all groundwater monitoring activities. Specifically, this Report shows:

- The source has been removed and conditions at the Site have been extensively investigated and thoroughly characterized over more than 20 years.
- Total VOC concentrations in groundwater are decreasing and it is estimated that site-specific cleanup goals can be achieved in a reasonable time frame under natural conditions (approximately 10 years).
- Groundwater is not used at the Site or within the vicinity of the Site; water is municipally-supplied to the Site and surrounding community, and regulatory controls are in place such that it is unlikely that water-producing wells would be installed in the Site vicinity in the future.
- Analysis of the data indicate no significant risk to human health or potential on-site receptors; a soil and groundwater contingency management plan will be developed that establishes protective measures should construction workers come into contact with residual soil and groundwater impacts in the future.
- The Site is expected to remain a retail shopping center for the foreseeable future.

Based upon the foregoing, BARFI requests that DTSC allow BARFI to cease all groundwater monitoring activities at the Site. The request is supported by the following: 1) the Site has been thoroughly characterized; 2) the source has been identified; 3) the nature and extent of VOCs have been defined; 4) the source has been removed; 5) mitigation measures will be implemented to avoid exposure to low-concentration VOCs remaining in groundwater; and 6) groundwater will attain cleanup goals in a reasonable time frame.

8.0 REFERENCES

- ARCADIS, 2011. *Technical Impracticability Evaluation for Further Activities for the Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole, California*. November 4.
- ARCADIS, 2012. *Five-Year Evaluation Report of Remedial Actions, Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole, California*. December 11.
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- Gilbert, 1987. *Statistical methods for environmental pollution monitoring*. John Wiley & Sons, New York, USA.
- LFR, 2001. *Final Report, Potassium Permanganate Treatability Study, Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole, California*. June 6.
- LFR, 2002. *Final Removal Action Report for Source Area Remediation, Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole, California*. May 14.
- LFR, 2002. *Revised Removal Action Report for Source Area Remediation, Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole, California*. October 31.
- LFR, 2005. *Removal Action Effectiveness Report, Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole, California*. March 4.
- LFR, 2006. *Revised Report: Results of Soil-Vapor Investigation and Human Health Risk Assessment, Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole, California*. April 3.
- LFR, 2007. *Final Revision, Explanation of Significant Differences for Final Removal Action Work Plan for Source Area Remediation, Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole, California*. March 2.

McLaren Hart, 1992. *Results of Agency Research and the Phase II Soil and Groundwater Sampling and Analysis at Mercury Dry Cleaners, 2714 Pinole Valley Road in Pinole, California*. October 13.

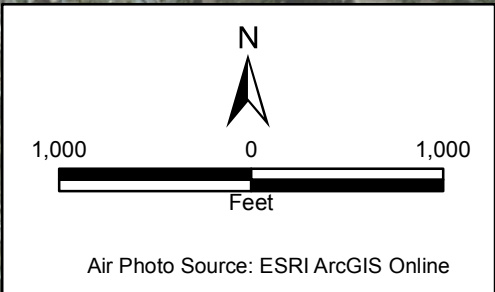
Regional Water Quality Control Board, San Francisco Bay Region (Water Board), 2013. Update to Environmental Screening Levels, December 2013, http://www.waterboards.ca.gov/rwqcb2/water_issues/programs/esl.shtml.

United States Environmental Protection Agency (EPA), Region 9, Preliminary Remediation Goals (PRGs) for Residential Soil, November 2000.

FIGURES



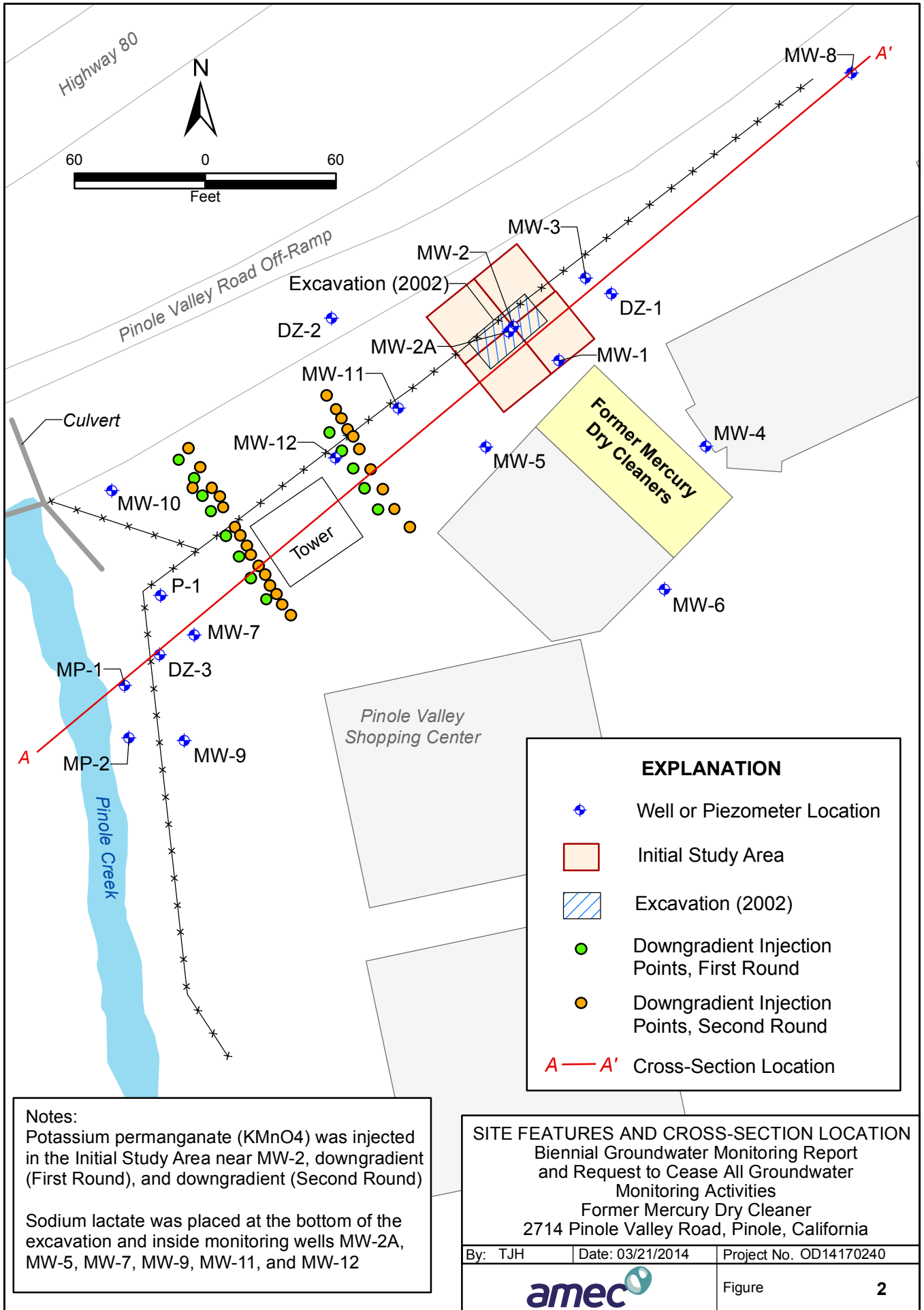
SITE
Former Mercury
Dry Cleaners



SITE VICINITY MAP
Biennial Groundwater Monitoring Report
and Request to Cease All Groundwater
Monitoring Activities
Former Mercury Dry Cleaner
2714 Pinole Valley Road, Pinole, California

By: TJH	Date: 06/06/2014	Project No. OD14170240
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	Figure 1
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Notes:
 Potassium permanganate (KMnO₄) was injected in the Initial Study Area near MW-2, downgradient (First Round), and downgradient (Second Round)
 Sodium lactate was placed at the bottom of the excavation and inside monitoring wells MW-2A, MW-5, MW-7, MW-9, MW-11, and MW-12

EXPLANATION

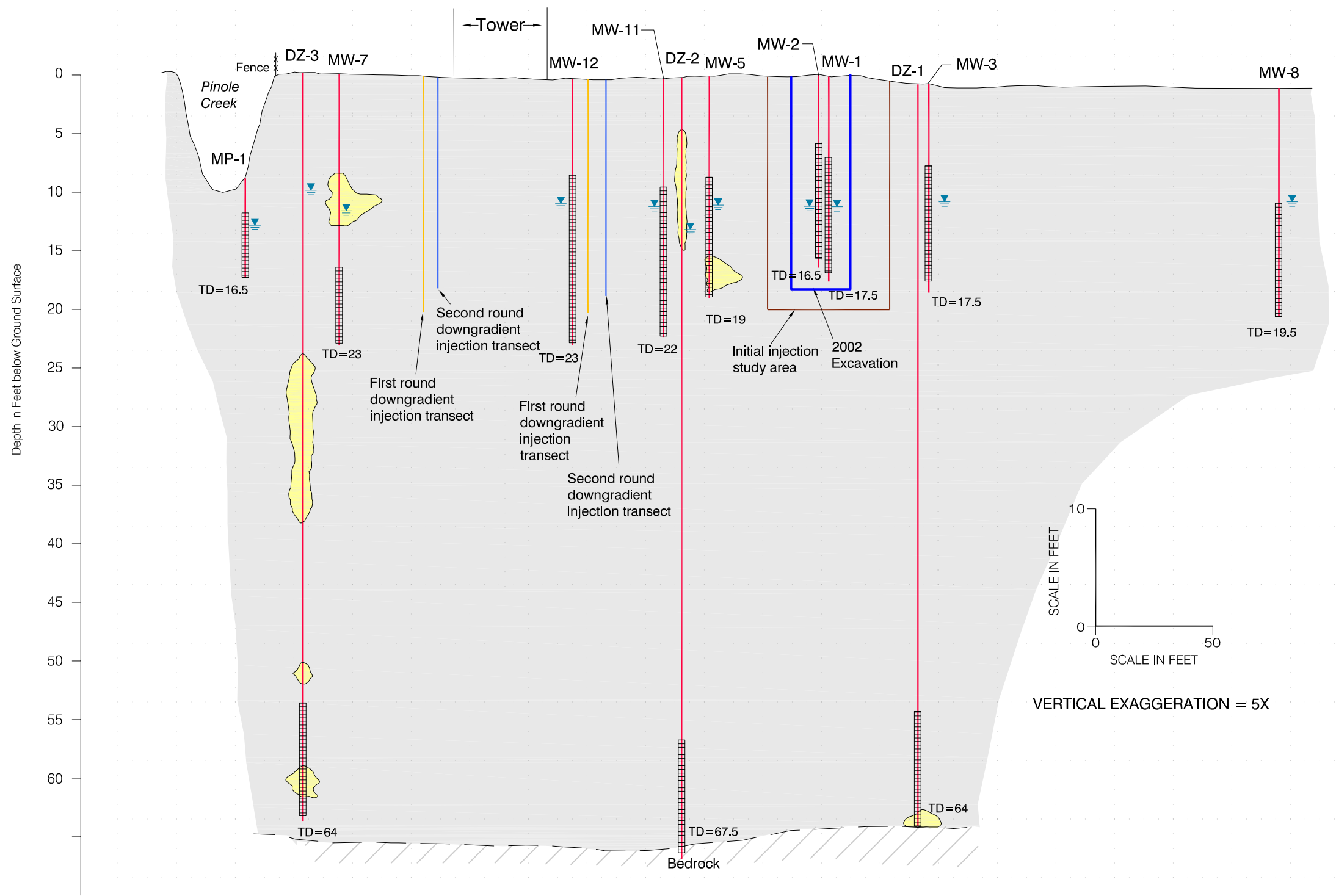
- Well or Piezometer Location
- Initial Study Area
- Excavation (2002)
- Downgradient Injection Points, First Round
- Downgradient Injection Points, Second Round
- Cross-Section Location

SITE FEATURES AND CROSS-SECTION LOCATION
 Biennial Groundwater Monitoring Report
 and Request to Cease All Groundwater
 Monitoring Activities
 Former Mercury Dry Cleaner
 2714 Pinole Valley Road, Pinole, California

By: TJH	Date: 03/21/2014	Project No. OD14170240
		Figure 2

A

A'



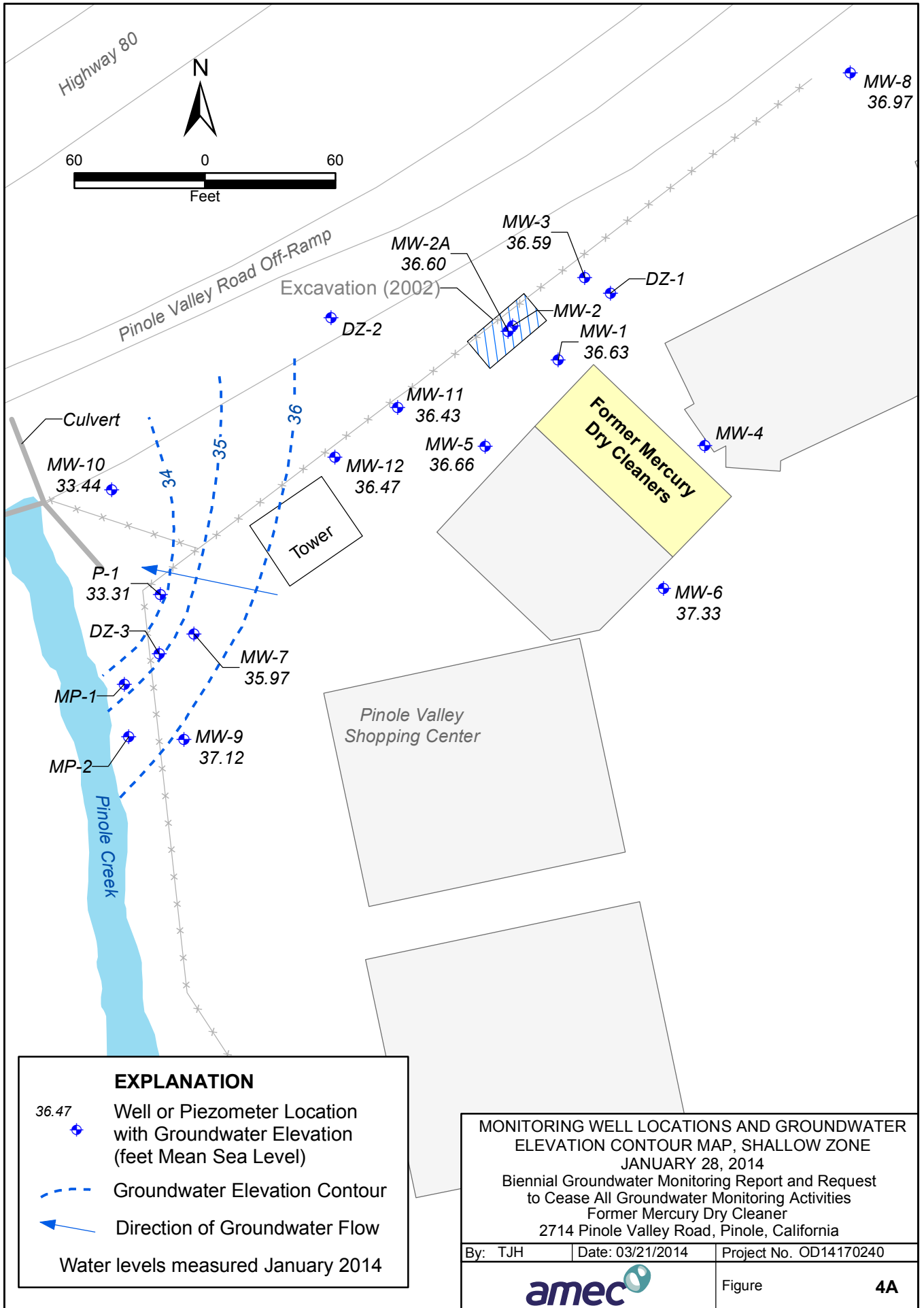
EXPLANATION

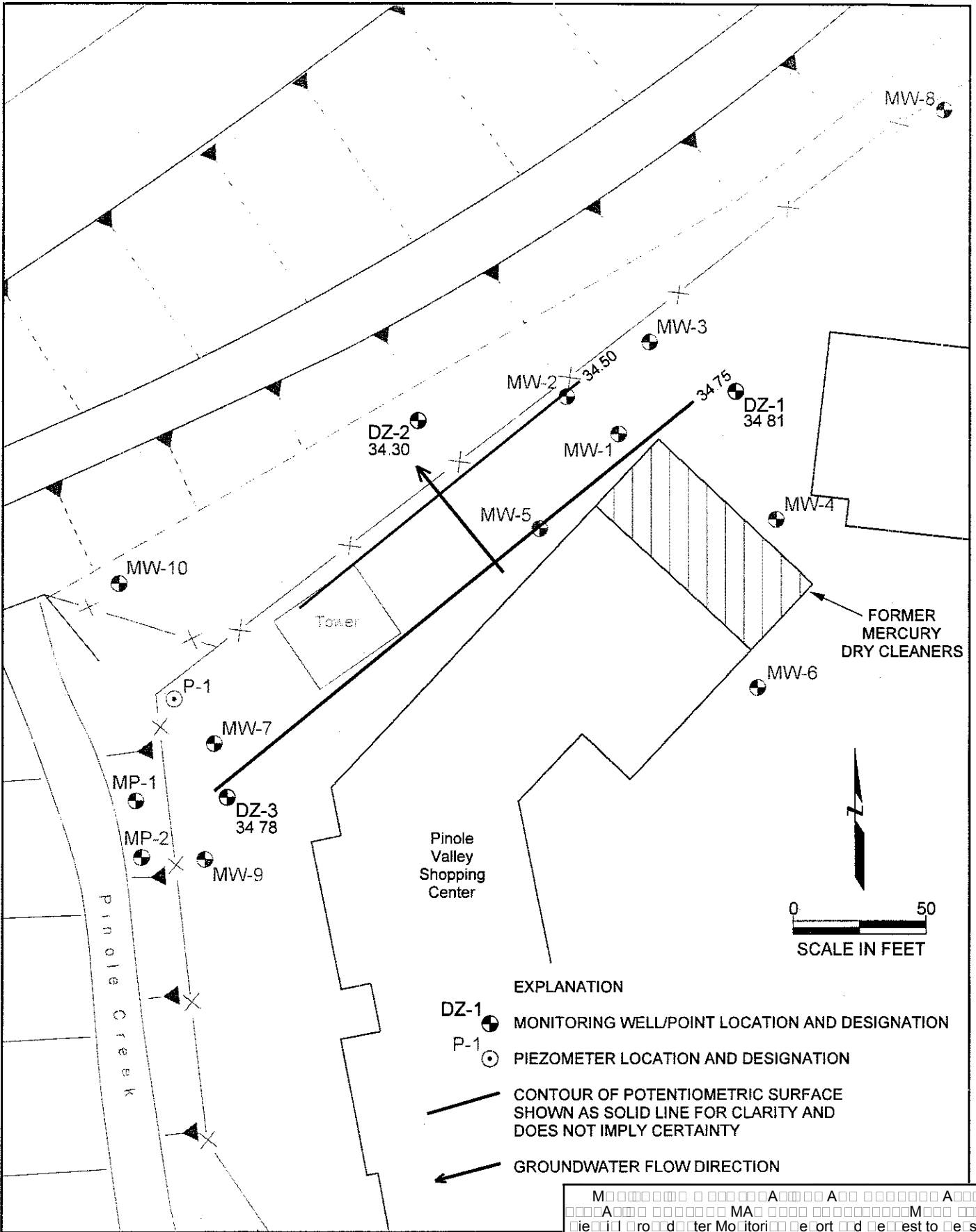
- Hydrogeologic Units
- Coarse-grained Sediments
 - Fine-grained Sediments
 - Siltstone and Mudstone Bedrock
- MW-3 Well Name
- Well Location
 - Screen Interval
 - Depth to Water below Ground Surface, September 2012
 - Limits of 2002 Excavation
 - Initial Injection Study Area
 - First Round Injection Transect
 - Second Round Injection Transect
- TD=64 Total Depth in feet below Ground Surface

Source of information from boring logs prepared by others; see Appendix B of this report

CROSS SECTION A-A'
Biennial Groundwater Monitoring Report
and Request to Cease All Groundwater
Monitoring Activities
Former Mercury Dry Cleaner
2714 Pinole Valley Road Pinole, California

By: TJH	Date: 09/2013	Project No. OD14170240
		Figure 3



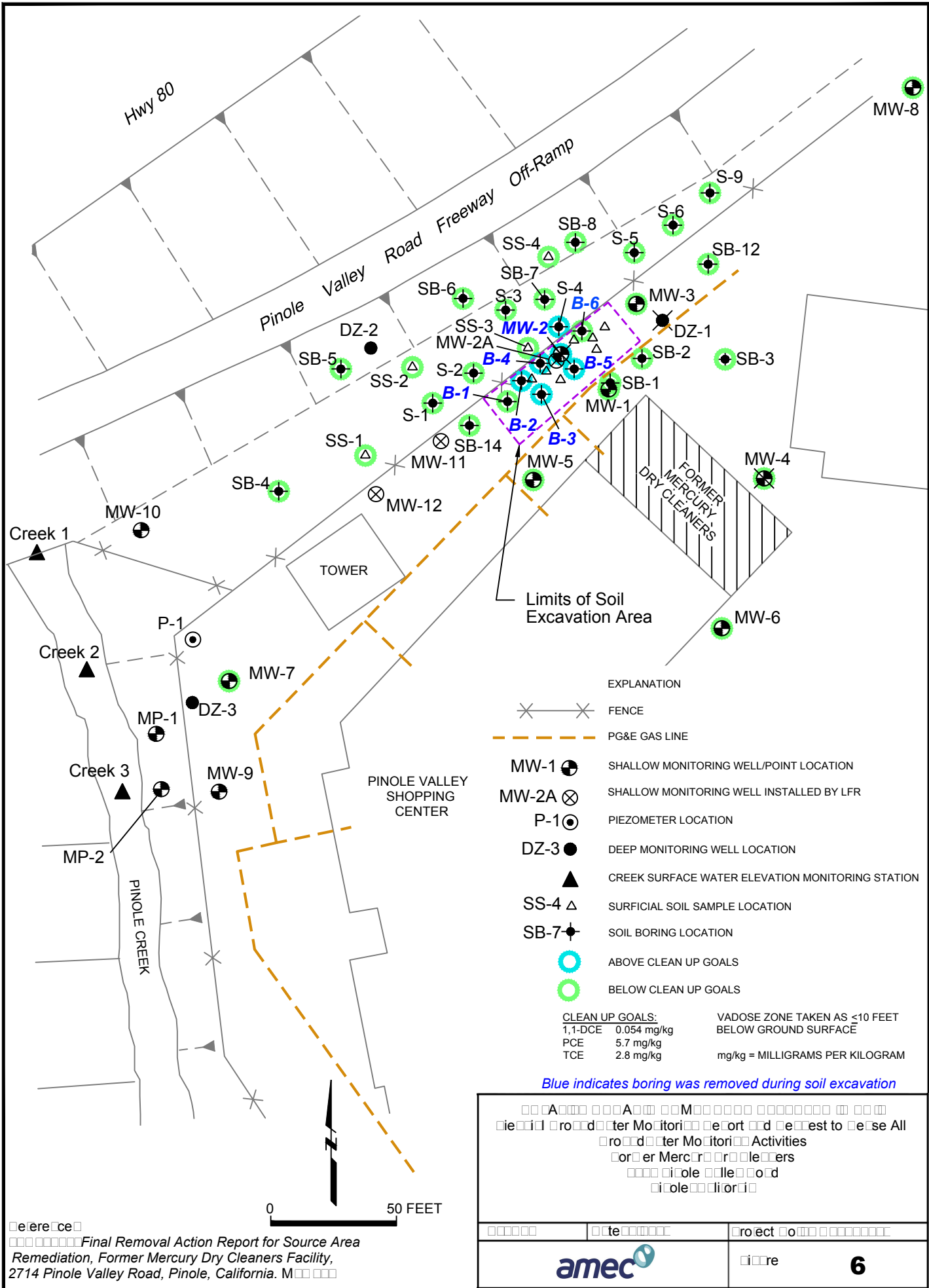


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 17-OCT-1999 10:19

- EXPLANATION**
- DZ-1 ● MONITORING WELL/POINT LOCATION AND DESIGNATION
 - P-1 ⊙ PIEZOMETER LOCATION AND DESIGNATION
 - CONTOUR OF POTENTIOMETRIC SURFACE SHOWN AS SOLID LINE FOR CLARITY AND DOES NOT IMPLY CERTAINTY
 - ← GROUNDWATER FLOW DIRECTION

Reference
 See Tri Monitoring Point Installation and Quarterly Monitoring Report, July to September 1999, Former Mercury Dry Cleaners Facility, 2714 Pinole Valley Road, Pinole

M A ro ter Mo itori ce ort d ce est to ce se All ro d ter Mo itori Activities or er Merc r r e l e r s ro le il e o d ro le il i o r o d	
te ro ect o	re o



- EXPLANATION
- ✕ — ✕ FENCE
 - - - - - PG&E GAS LINE
 - MW-1 ● SHALLOW MONITORING WELL/POINT LOCATION
 - MW-2A ⊗ SHALLOW MONITORING WELL INSTALLED BY LFR
 - P-1 ⊙ PIEZOMETER LOCATION
 - DZ-3 ● DEEP MONITORING WELL LOCATION
 - ▲ CREEK SURFACE WATER ELEVATION MONITORING STATION
 - SS-4 △ SURFICIAL SOIL SAMPLE LOCATION
 - SB-7 ● SOIL BORING LOCATION
 - ABOVE CLEAN UP GOALS
 - BELOW CLEAN UP GOALS
- CLEAN UP GOALS:
 1,1-DCE 0.054 mg/kg
 PCE 5.7 mg/kg
 TCE 2.8 mg/kg
- VADOSE ZONE TAKEN AS <10 FEET BELOW GROUND SURFACE
 mg/kg = MILLIGRAMS PER KILOGRAM

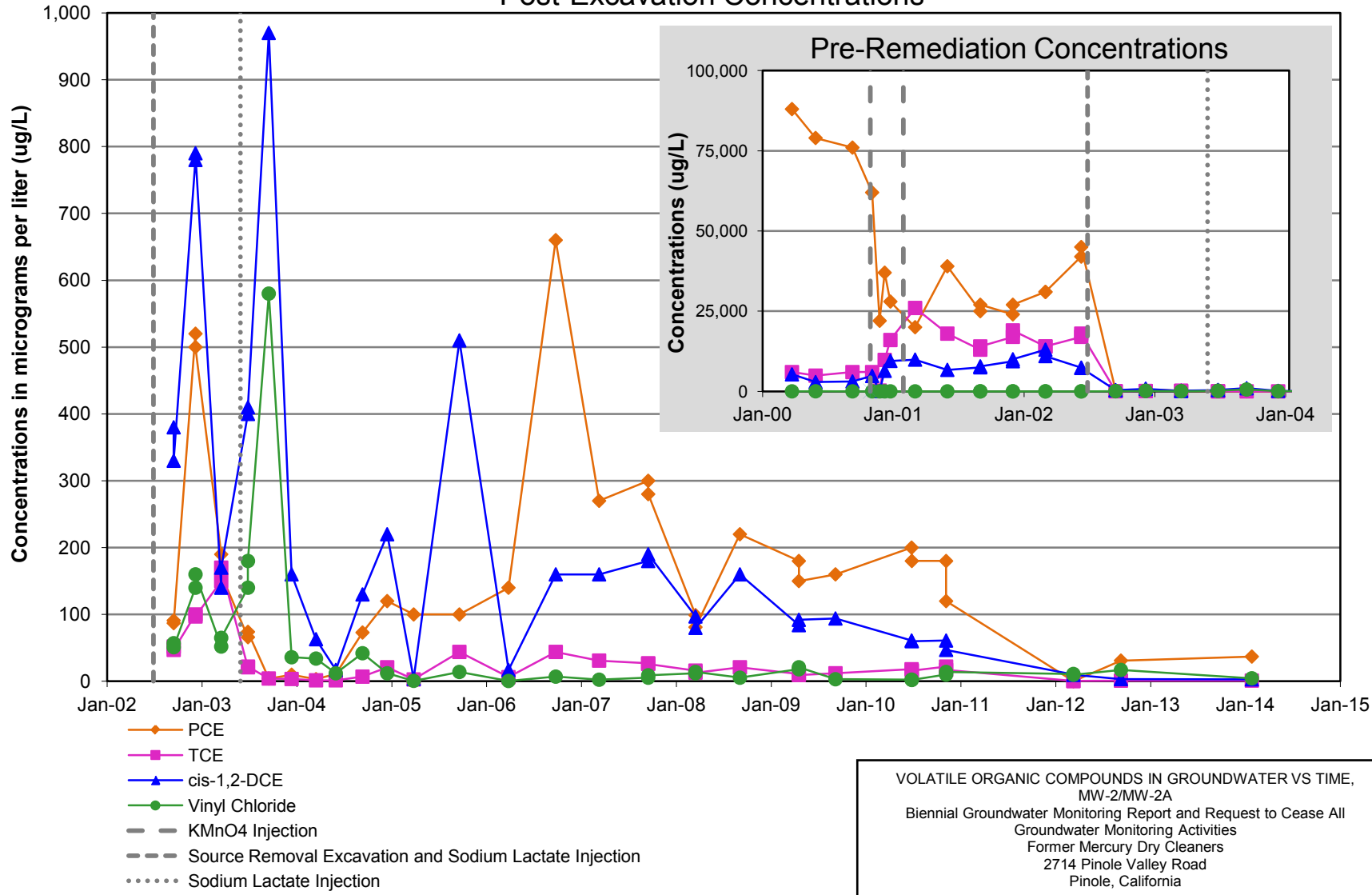
Blue indicates boring was removed during soil excavation

Final Removal Action Report for Source Area
 Remediation, Former Mercury Dry Cleaners Facility,
 2714 Pinole Valley Road, Pinole, California. M

amec

6

Post-Excavation Concentrations



- Notes**
- MW-2 was destroyed on July 22, 2002 and replaced by MW-2A on July 25, 2002.
 - Pre-remediation concentrations shown on insert as dramatic decrease in post-remediation concentrations cannot be shown on the same non-logarithmic scale.

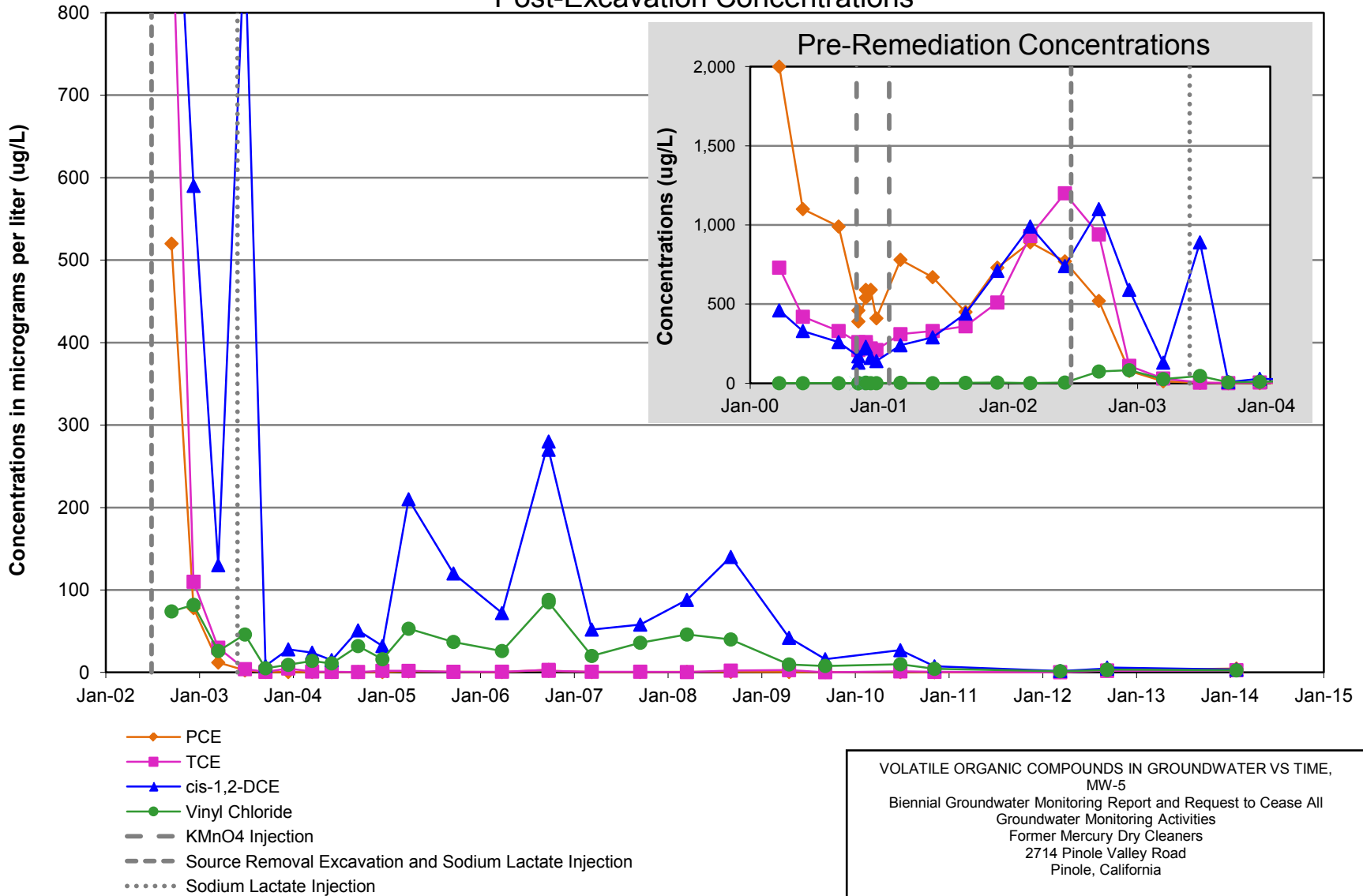
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER VS TIME,
 MW-2/MW-2A
 Biennial Groundwater Monitoring Report and Request to Cease All
 Groundwater Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road
 Pinole, California

By: ZTC Date: 3/2014 Project: OD14170240



Figure **7A**

Post-Excavation Concentrations

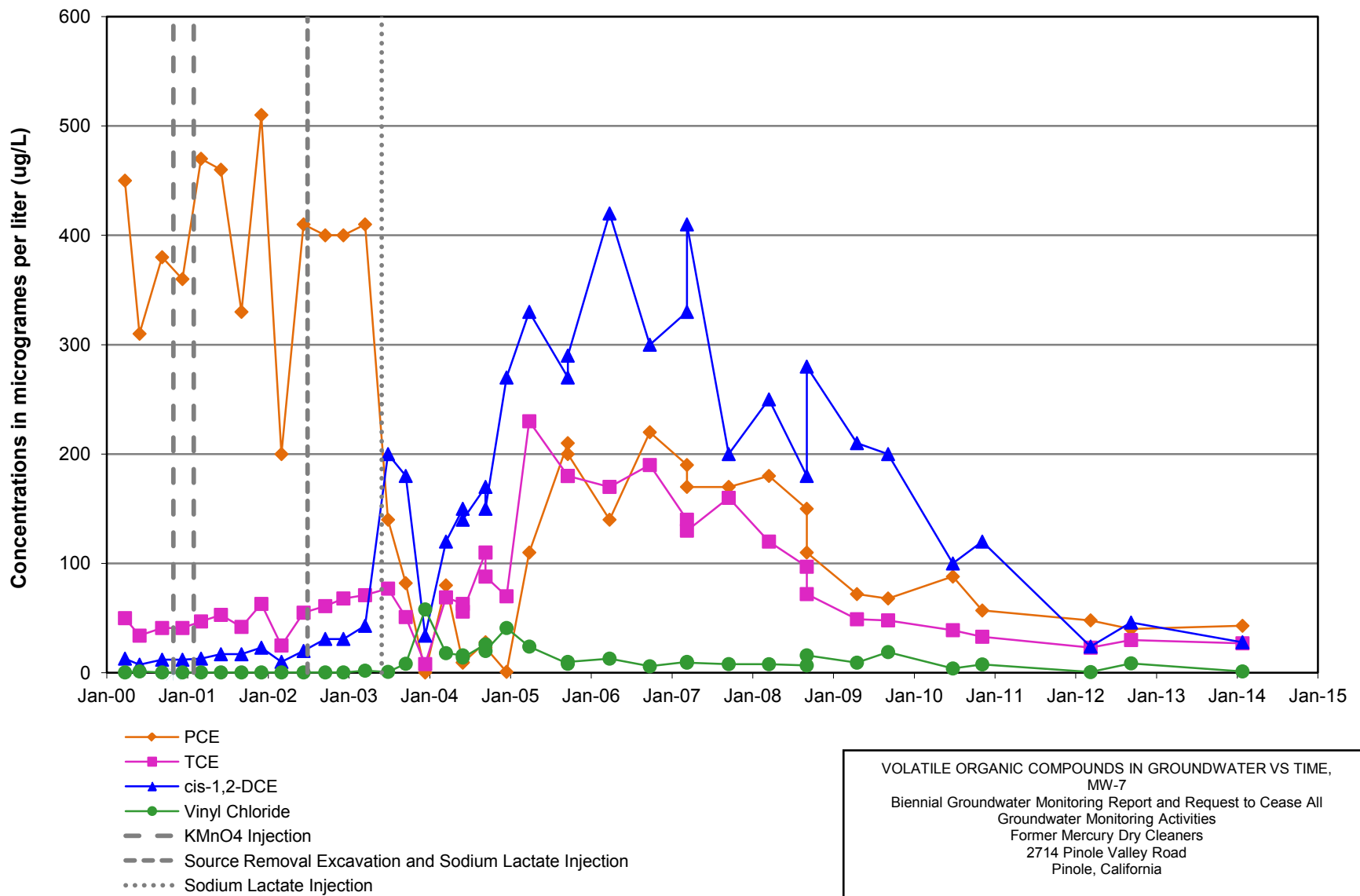


Note
 1. Pre-remediation concentrations shown on insert; as dramatic decrease in post-remediation concentrations can not be shown on the same non-logarithmic scale.

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER VS TIME,
 MW-5
 Biennial Groundwater Monitoring Report and Request to Cease All
 Groundwater Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road
 Pinole, California

By: ZTC Date: 3/2014 Project: OD14170240

 Figure **7B**

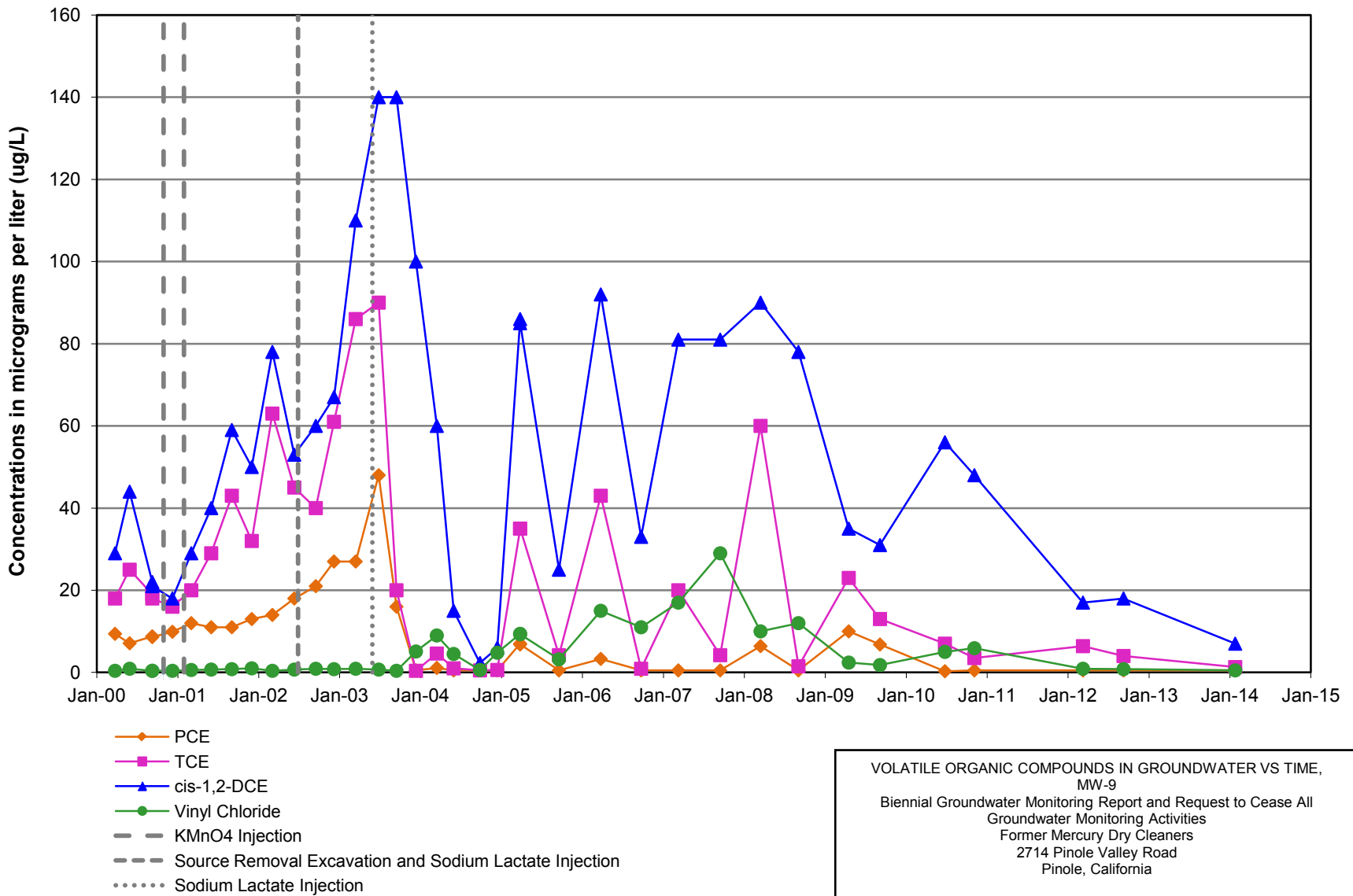


VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER VS TIME,
 MW-7
 Biennial Groundwater Monitoring Report and Request to Cease All
 Groundwater Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road
 Pinole, California

By: ZTC Date: 3/2014 Project: OD14170240



Figure **7C**



VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER VS TIME,
 MW-9
 Biennial Groundwater Monitoring Report and Request to Cease All
 Groundwater Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road
 Pinole, California

By: ZTC

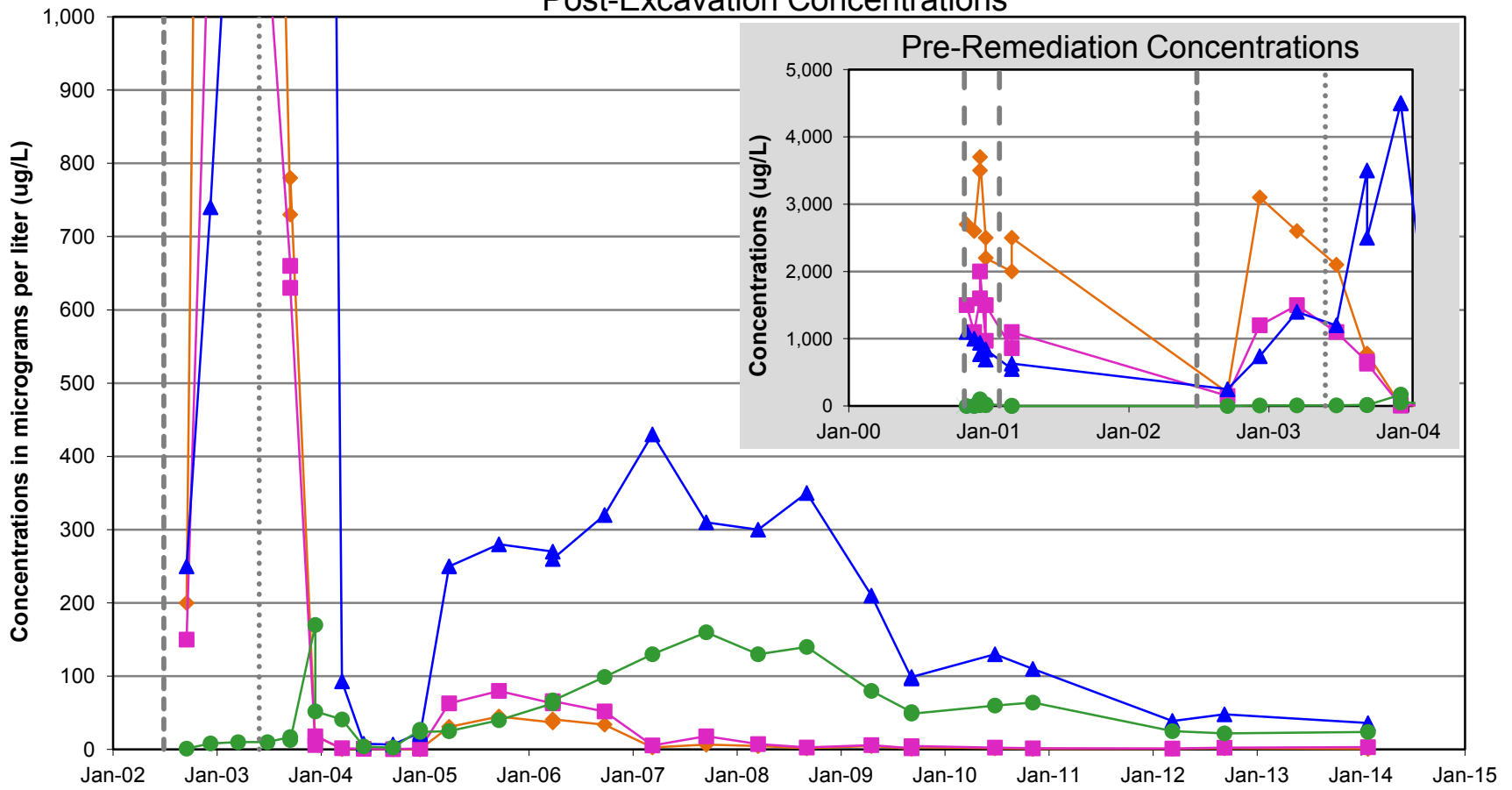
Date: 3/2014

Project: OD14170240



Figure 7D

Post-Excavation Concentrations



- ◆— PCE
- TCE
- ▲— cis-1,2-DCE
- Vinyl Chloride
- — KMnO4 Injection
- - - Source Removal Excavation and Sodium Lactate Injection
- Sodium Lactate Injection

Note

1. Pre-remediation concentrations shown on insert; as dramatic decrease in post-remediation concentrations can not be shown on the same non-logarithmic scale.

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER VS TIME,
MW-11
Biennial Groundwater Monitoring Report and Request to Cease All
Groundwater Monitoring Activities
Former Mercury Dry Cleaners
2714 Pinole Valley Road
Pinole, California

By: ZTC

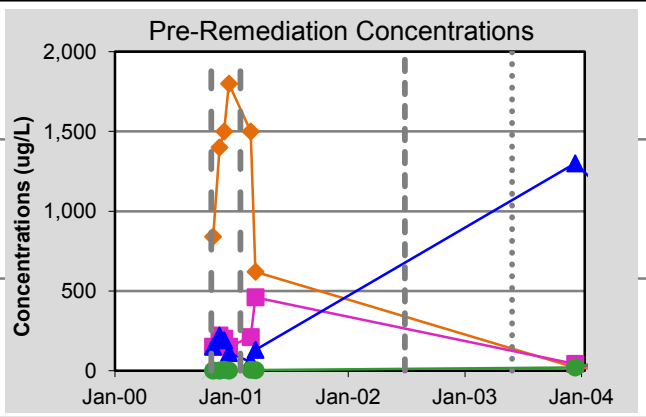
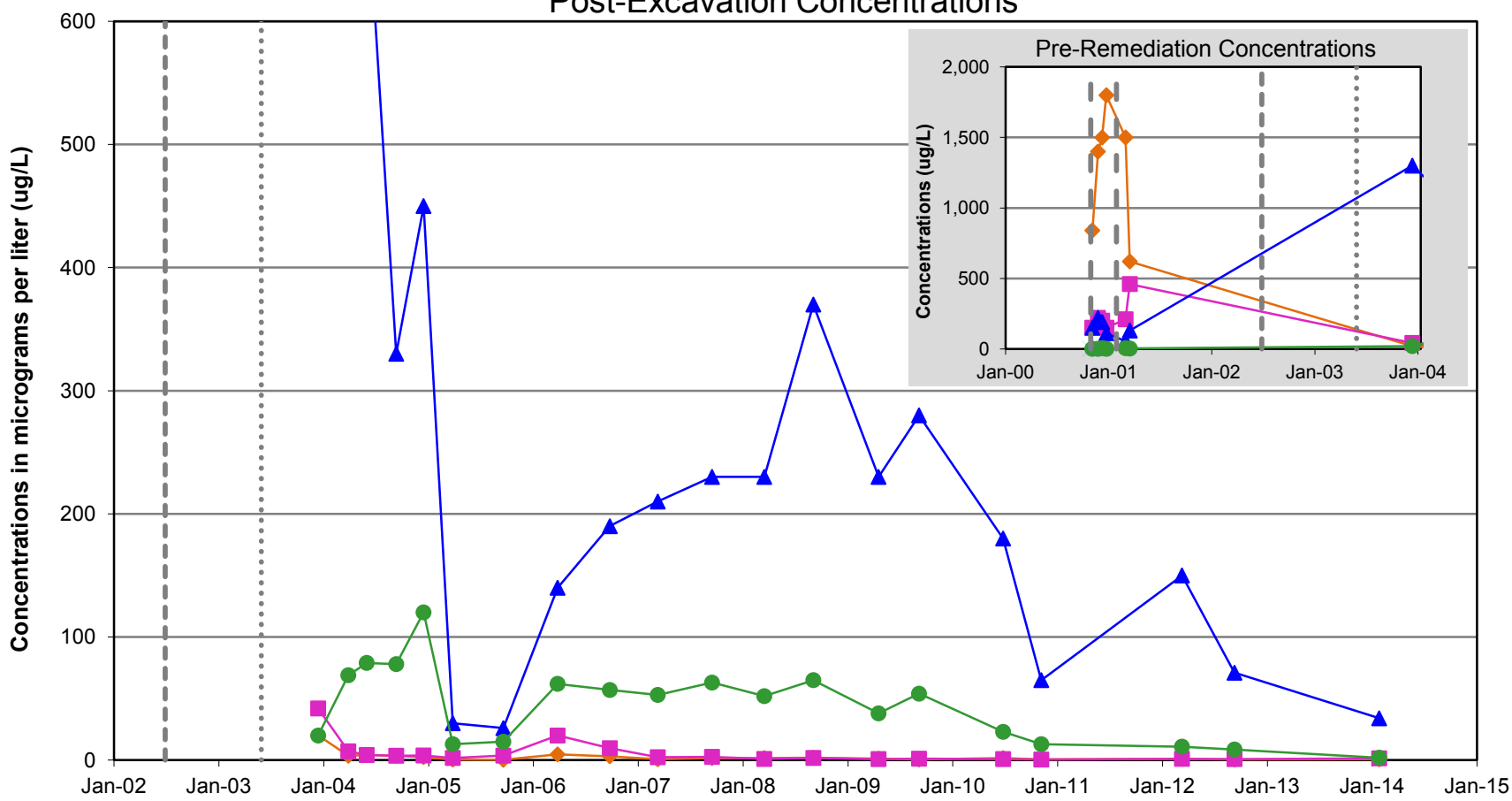
Date: 3/2014

Project: OD14170240



Figure **7E**

Post-Excavation Concentrations

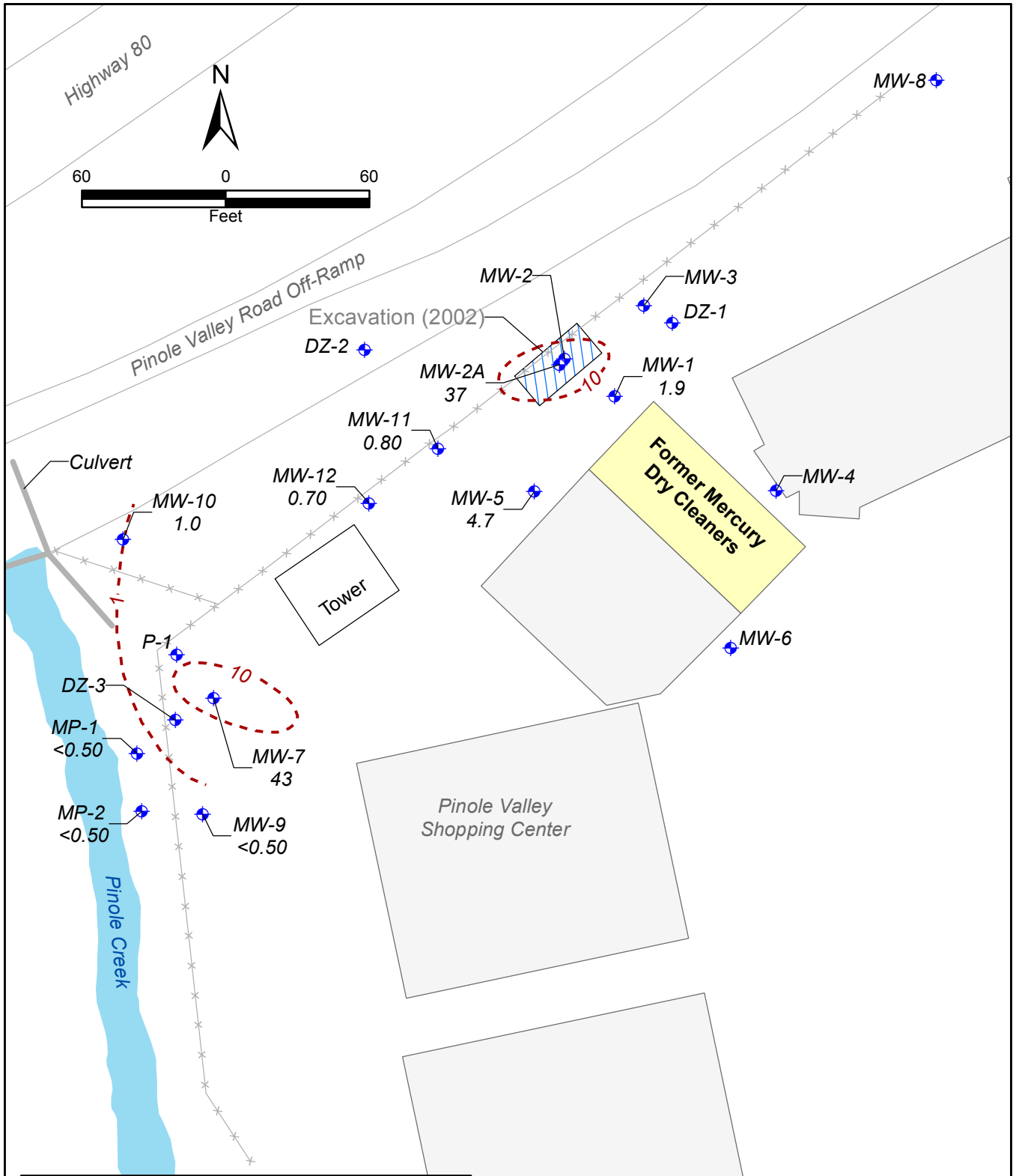


- ◆— PCE
- TCE
- ▲— cis-1,2-DCE
- Vinyl Chloride
- — — KMnO4 Injection
- - - - Source Removal Excavation and Sodium Lactate Injection
- Sodium Lactate Injection

Note
 1. Pre-remediation concentrations shown on insert; as dramatic decrease in post-remediation concentrations can not be shown on the same non-logarithmic scale.

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER VS TIME,
 MW-12
 Biennial Groundwater Monitoring Report and Request to Cease All
 Groundwater Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road
 Pinole, California

By: ZTC	Date: 3/2014	Project: OD14170240
		Figure 7F

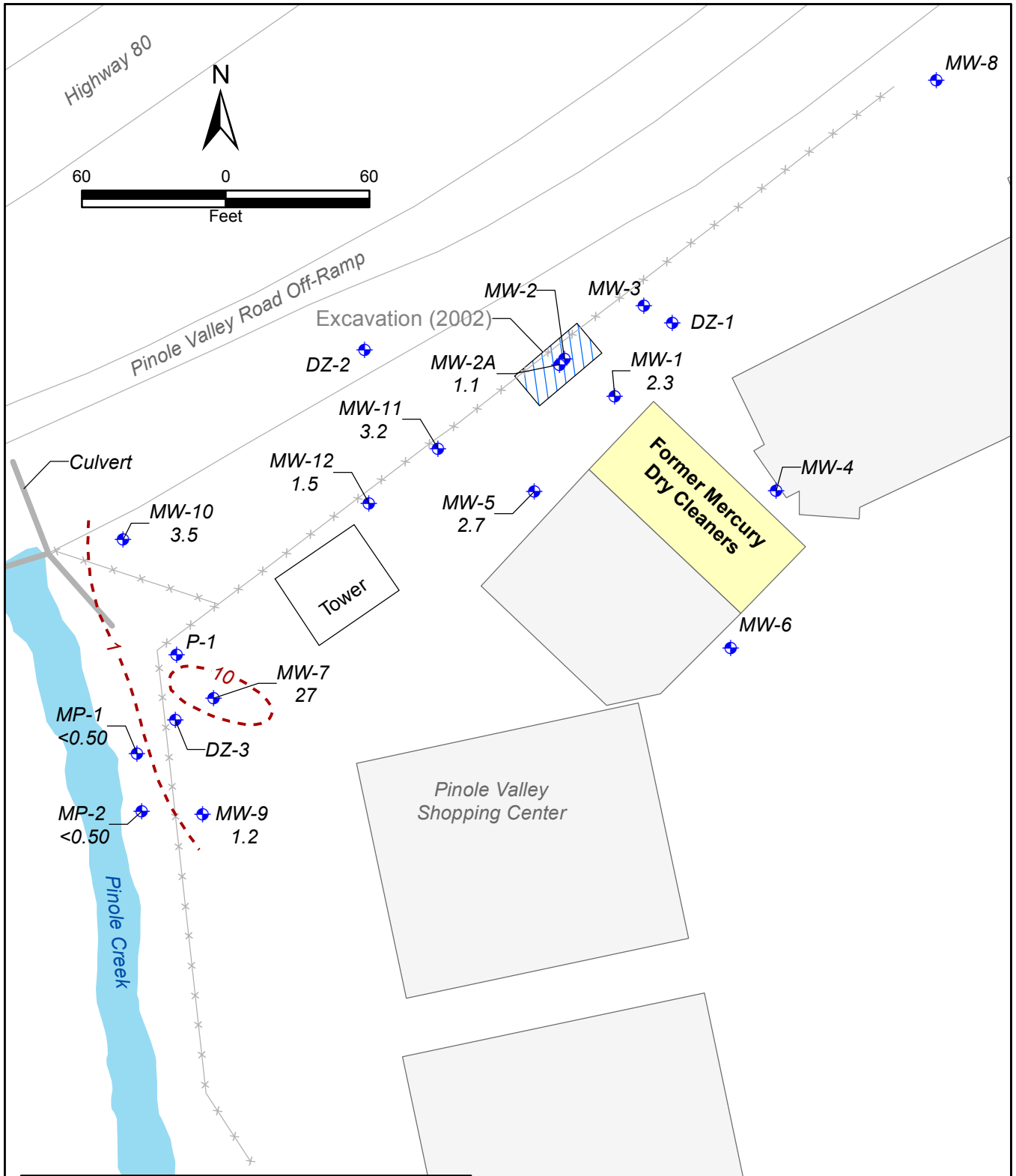


EXPLANATION

- Well Location with Tetrachloroethene Concentration (Micrograms per Liter)
- Tetrachloroethene Contour
- <0.5 - Indicates compound was not detected above level shown

TETRACHLOROETHENE DETECTED IN GROUNDWATER, JANUARY 28, 2014
 Biennial Groundwater Monitoring Report and Request to Cease All Groundwater Monitoring Activities
 Former Mercury Dry Cleaner
 2714 Pinole Valley Road, Pinole, California

By: TJH	Date: 03/21/2014	Project No. OD14170240
		Figure 8A

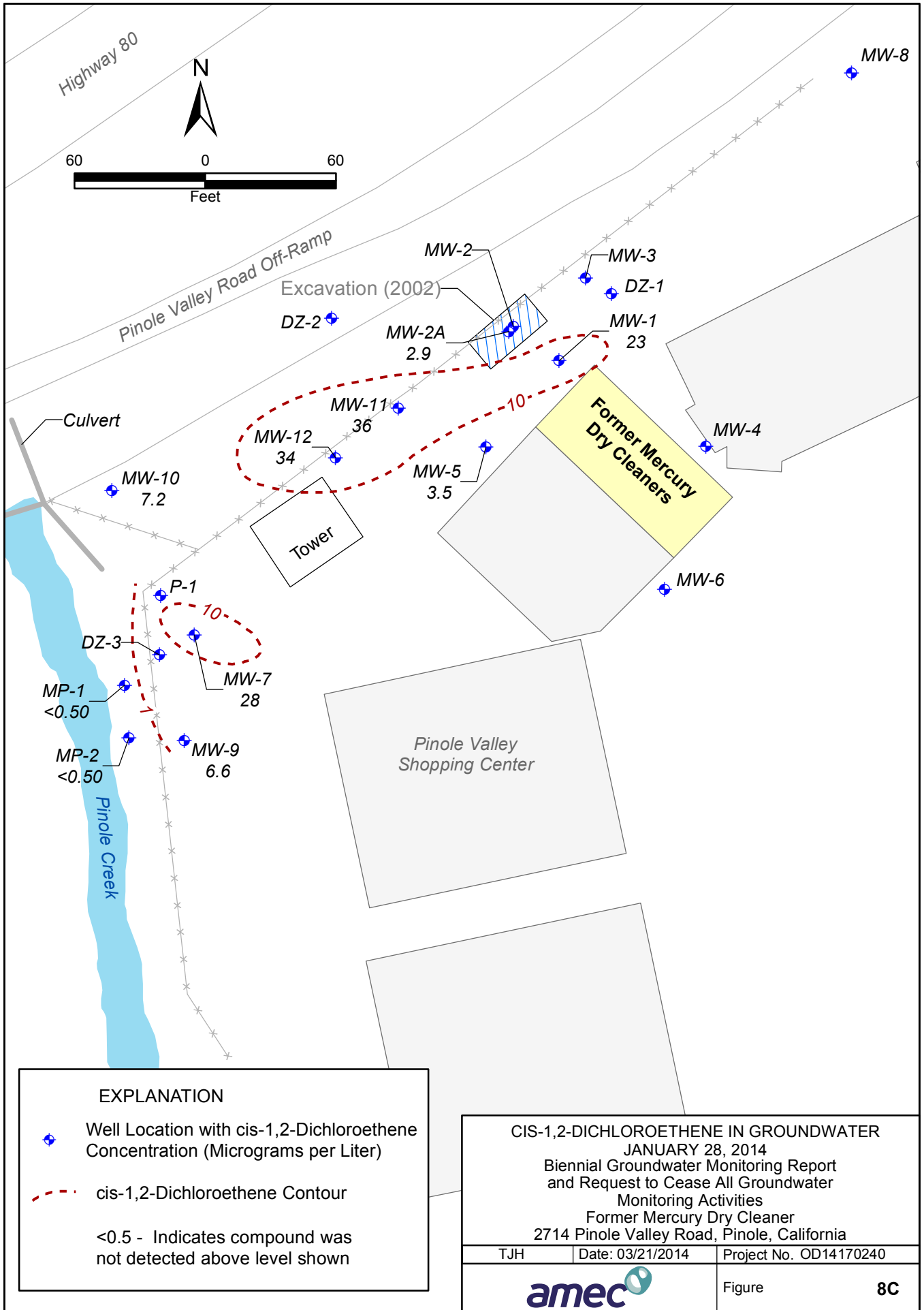


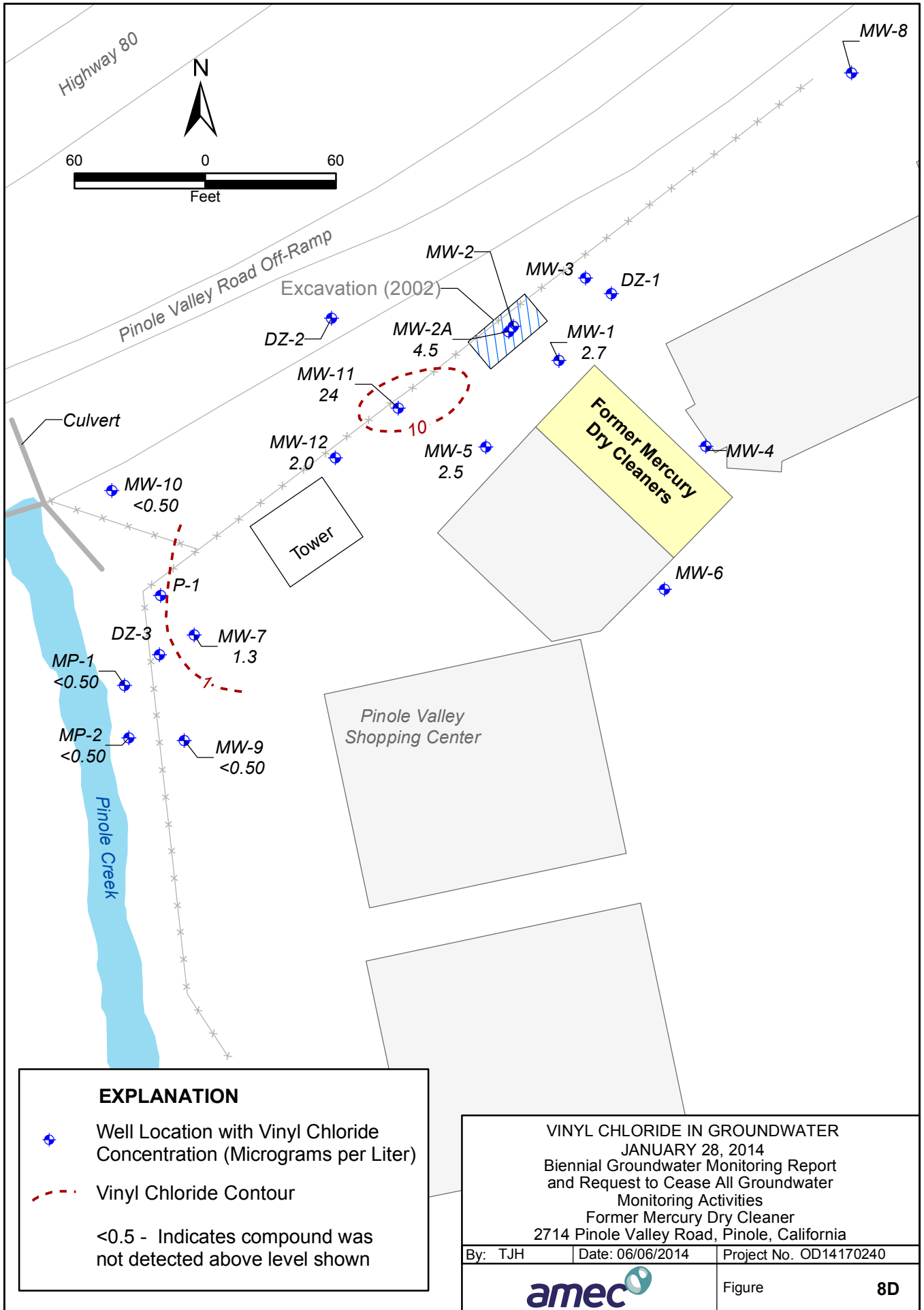
EXPLANATION

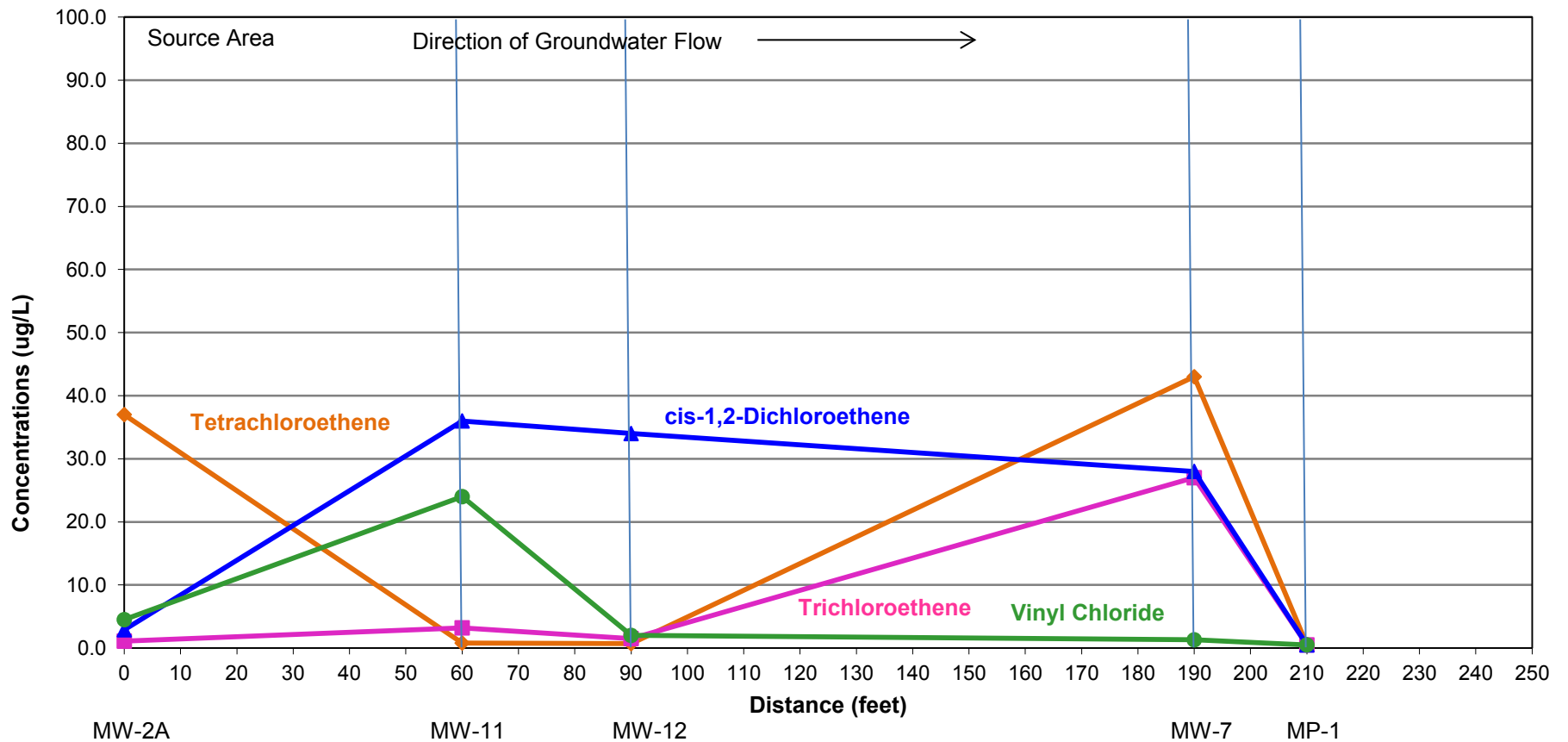
- Well Location with Trichloroethene Concentration (Micrograms per Liter)
- Trichloroethene Contour
- <0.5 - Indicates compound was not detected above level shown

TRICHLOROETHENE IN GROUNDWATER
 JANUARY 28, 2014
 Biennial Groundwater Monitoring Report
 and Request to Cease All Groundwater
 Monitoring Activities
 Former Mercury Dry Cleaner
 2714 Pinole Valley Road, Pinole, California

By: TJH	Date: 06/06/2014	Project No. OD14170240
		Figure 8B





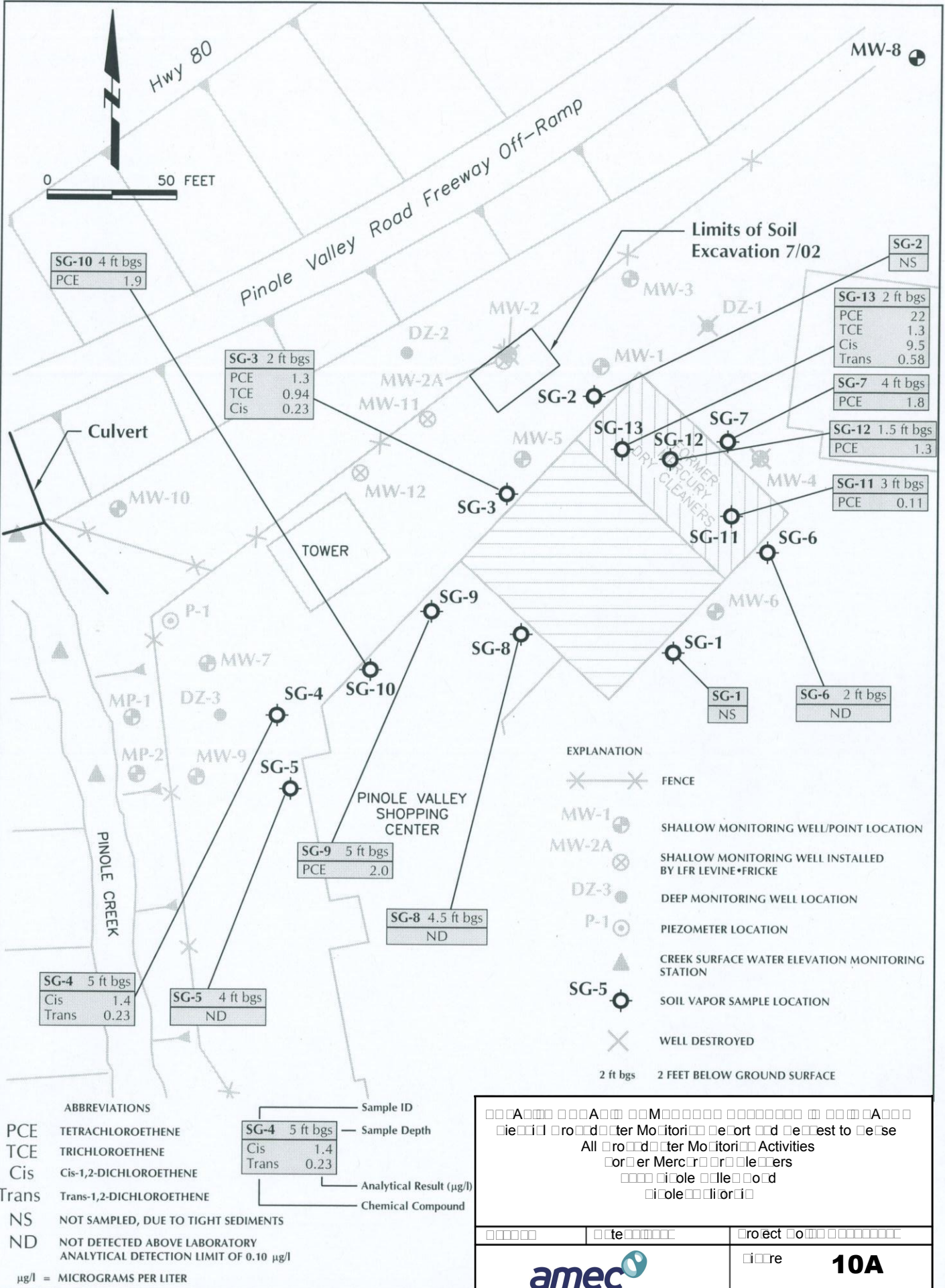


VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER WITH DISTANCE FROM THE SOURCE
 Biennial Groundwater Monitoring Report and Request to Cease All Groundwater Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road
 Pinole, California

By: ZTC Date: 3/2104 Project: OD14170240



Figure **9**



SG-10 4 ft bgs
PCE 1.9

SG-3 2 ft bgs
PCE 1.3
TCE 0.94
Cis 0.23

SG-13 2 ft bgs
PCE 2.2
TCE 1.3
Cis 9.5
Trans 0.58

SG-7 4 ft bgs
PCE 1.8

SG-12 1.5 ft bgs
PCE 1.3

SG-11 3 ft bgs
PCE 0.11

SG-2
NS

SG-9 5 ft bgs
PCE 2.0

SG-8 4.5 ft bgs
ND

SG-4 5 ft bgs
Cis 1.4
Trans 0.23

SG-5 4 ft bgs
ND

- EXPLANATION
- FENCE
 - SHALLOW MONITORING WELL/POINT LOCATION
 - SHALLOW MONITORING WELL INSTALLED BY LFR LEVINE-FRICKE
 - DEEP MONITORING WELL LOCATION
 - PIEZOMETER LOCATION
 - CREEK SURFACE WATER ELEVATION MONITORING STATION
 - SOIL VAPOR SAMPLE LOCATION
 - WELL DESTROYED
 - 2 ft bgs 2 FEET BELOW GROUND SURFACE

ABBREVIATIONS

PCE TETRACHLOROETHENE
TCE TRICHLOROETHENE
Cis Cis-1,2-DICHLOROETHENE
Trans Trans-1,2-DICHLOROETHENE
NS NOT SAMPLED, DUE TO TIGHT SEDIMENTS
ND NOT DETECTED ABOVE LABORATORY ANALYTICAL DETECTION LIMIT OF 0.10 µg/l
µg/l = MICROGRAMS PER LITER

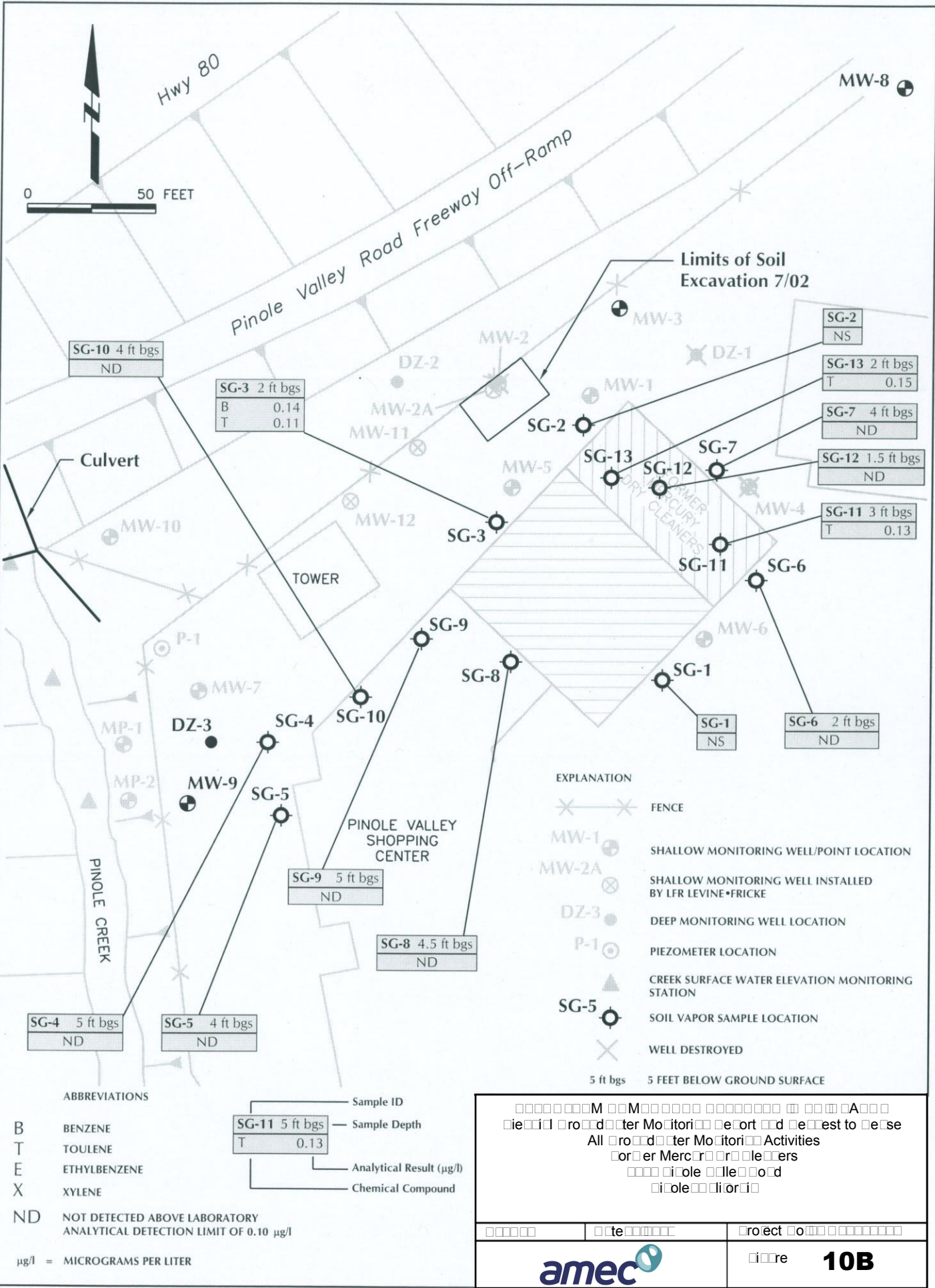
Sample ID
Sample Depth
Analytical Result (µg/l)
Chemical Compound

SG-4 5 ft bgs
Cis 1.4
Trans 0.23

AMERICAN OVERSIGHT CORPORATION
All Remediation Monitoring Activities
Former Mercury Dry Cleaners
Pinole, California

Project No. 10A

amec



SG-10 4 ft bgs
ND

SG-3 2 ft bgs
B 0.14
T 0.11

SG-2
NS

SG-13 2 ft bgs
T 0.15

SG-7 4 ft bgs
ND

SG-12 1.5 ft bgs
ND

SG-11 3 ft bgs
T 0.13

SG-1
NS

SG-6 2 ft bgs
ND

SG-9 5 ft bgs
ND

SG-8 4.5 ft bgs
ND

SG-4 5 ft bgs
ND

SG-5 4 ft bgs
ND

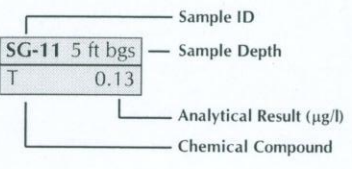
SG-11 5 ft bgs
T 0.13

EXPLANATION

- FENCE
- SHALLOW MONITORING WELL/POINT LOCATION
- SHALLOW MONITORING WELL INSTALLED BY LFR LEVINE-FRICKE
- DEEP MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- CREEK SURFACE WATER ELEVATION MONITORING STATION
- SOIL VAPOR SAMPLE LOCATION
- WELL DESTROYED
- 5 ft bgs 5 FEET BELOW GROUND SURFACE

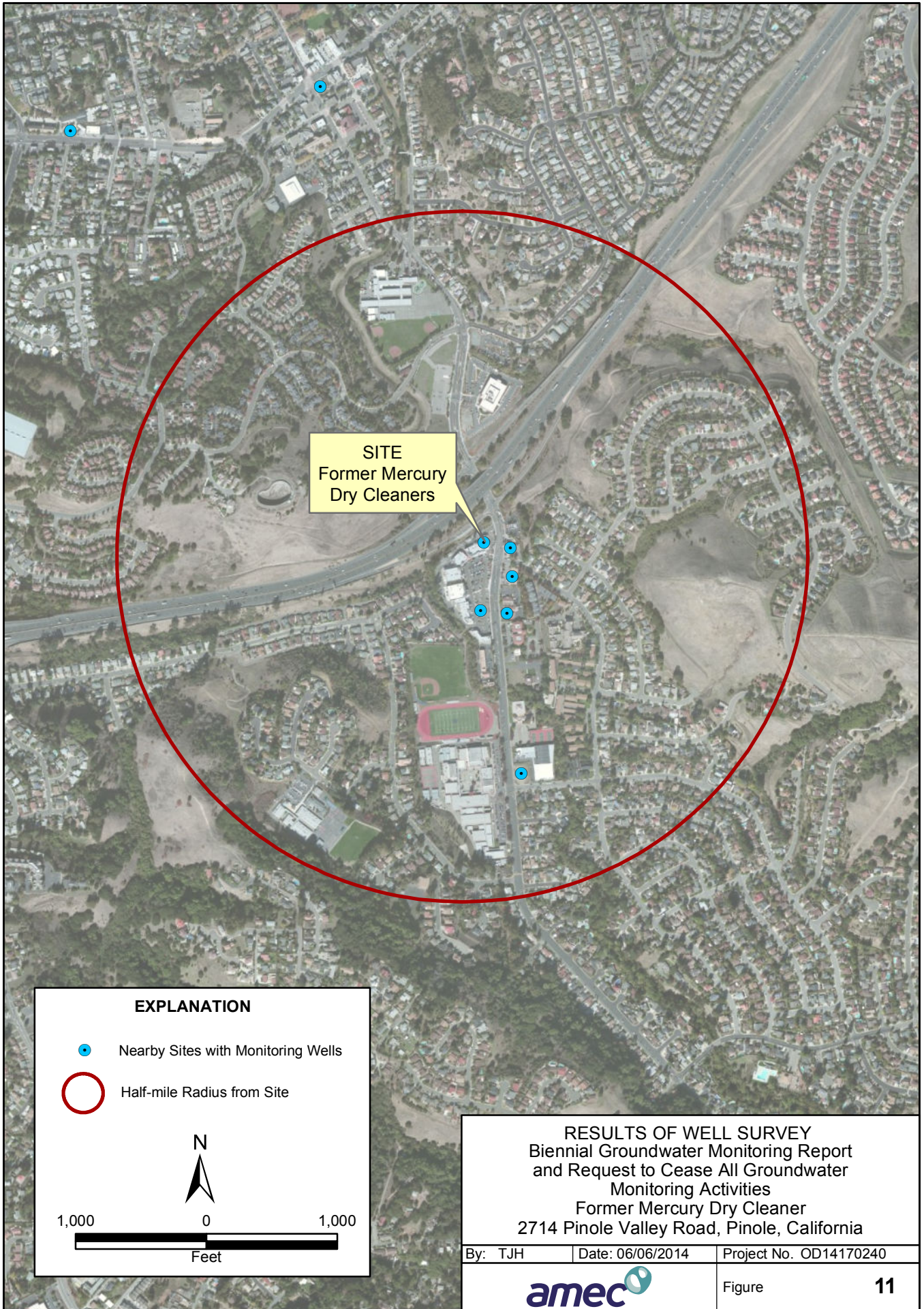
ABBREVIATIONS

- B BENZENE
- T TOULENE
- E ETHYLBENZENE
- X XYLENE
- ND NOT DETECTED ABOVE LABORATORY ANALYTICAL DETECTION LIMIT OF 0.10 µg/l
- µg/l = MICROGRAMS PER LITER



AMERICAN OVERSEAS LABORATORIES
 10000 River Road, Suite 100, Irvine, CA 92618
 All Groundwater Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road, Pinole, CA 94564
 Telephone: (949) 261-1100

Project: 10B



SITE
Former Mercury
Dry Cleaners

EXPLANATION

- Nearby Sites with Monitoring Wells
- Half-mile Radius from Site

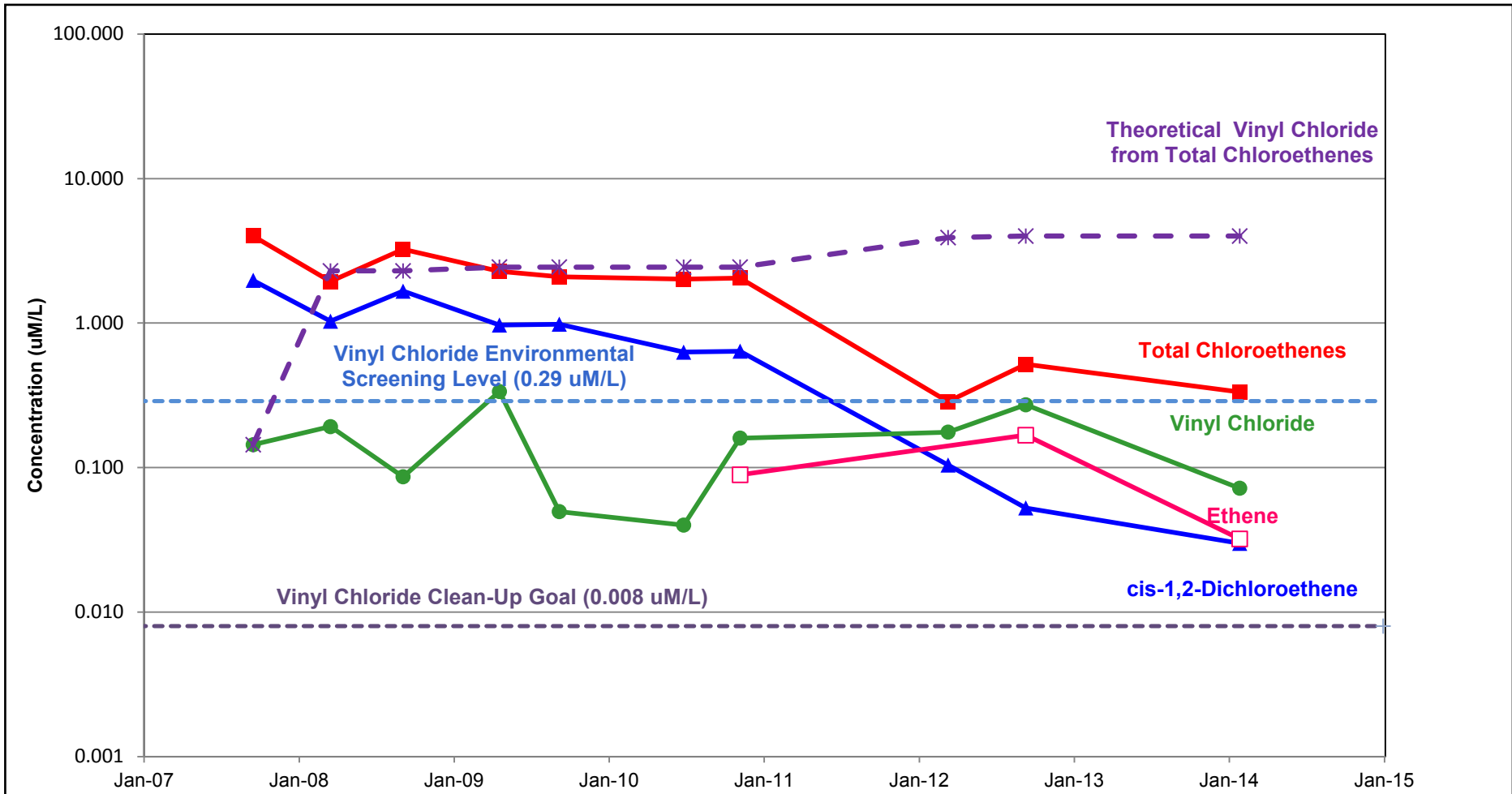
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1,000 0 1,000

Feet

RESULTS OF WELL SURVEY
Biennial Groundwater Monitoring Report
and Request to Cease All Groundwater
Monitoring Activities
Former Mercury Dry Cleaner
2714 Pinole Valley Road, Pinole, California

By: TJH	Date: 06/06/2014	Project No. OD14170240
		Figure 11



Note
 uM/L = Micromoles per liter

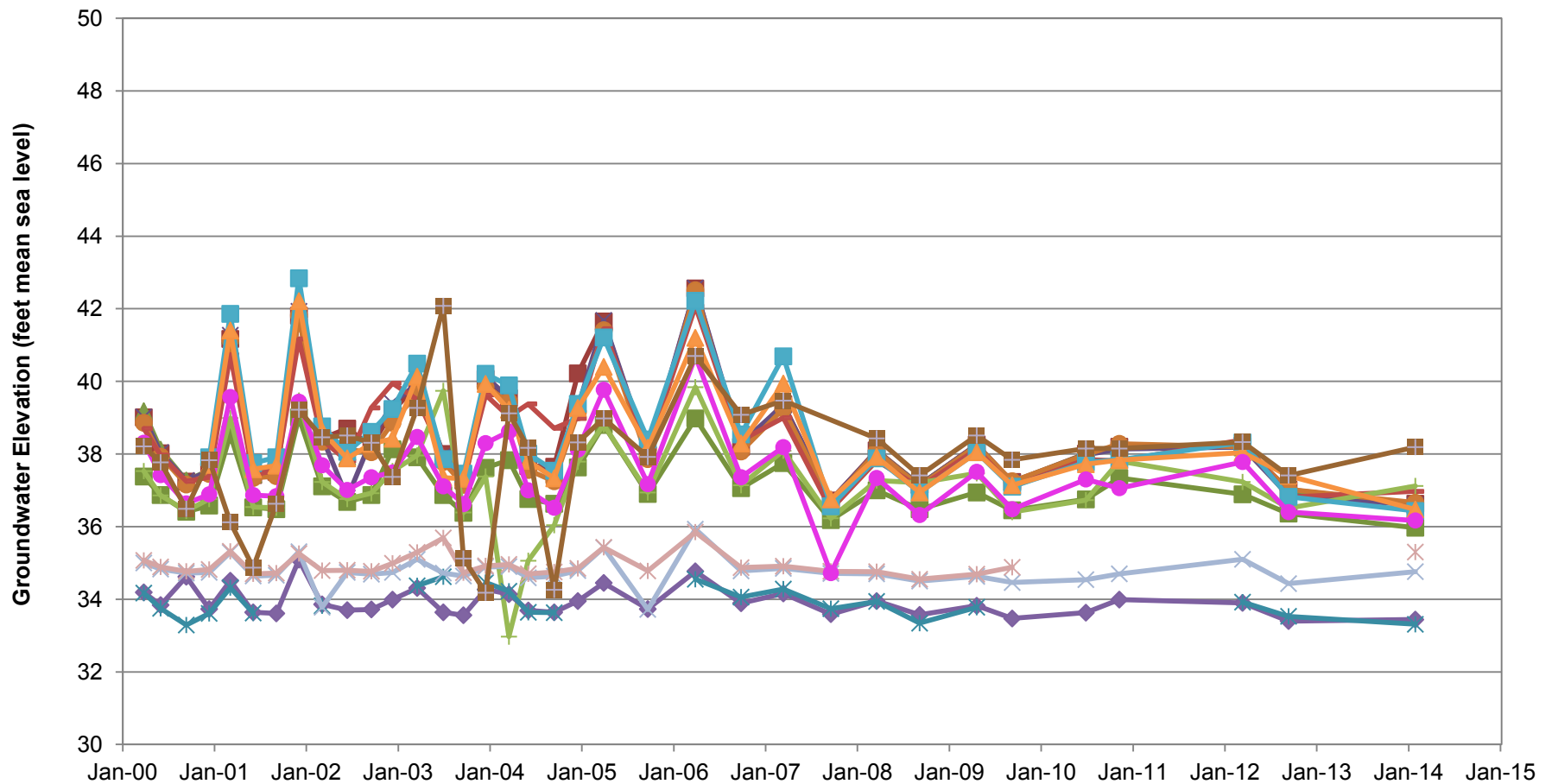
Vinyl Chloride Environmental Screening Level from the Regional Water Quality Control Board, San Francisco Bay Region; estimated concentration of vinyl chloride in groundwater that is protective of indoor air for potential vapor intrusion in fine to coarse grained sediment under the commercial/industrial land use scenario; December 2013.

THEORETICAL VINYL CHLORIDE CONCENTRATIONS
 IN GROUNDWATER, MW-2A
 Biennial Groundwater Monitoring Report and Request to Cease All Groundwater
 Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road
 Pinole, California

By: AM	Date: 3/2014	Project: OD14170240
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Figure **12**



- MW-1 ▲ MW-2/MW-2A × MW-3 ● MW-5
- MW-6 ■ MW-7 — MW-8 ● MW-9
- ◆ MW-10 ■ MW-11 ▲ MW-12 * P-1
- × MP-1 * MP-2 ◆ DZ-2 ■ DZ-3

GROUNDWATER ELEVATIONS VS TIME, 2000 to 2014
 Biennial Groundwater Monitoring Report and Request to Cease All
 Groundwater Monitoring Activities
 Former Mercury Dry Cleaners
 2714 Pinole Valley Road
 Pinole, California

By: ZTC	Date: 3/2014	Project: OD14170240
		Figure 13

APPENDIX E
STATEMENT OF QUALIFICATIONS

PAWEL A. WOLOSZYN

Biography: Pawel Woloszyn is a real estate environmental risk expert with a degree in chemical engineering from UC Santa Barbara. He has 25 years of direct environmental industry experience including more than 15 years as President of Pacific Environmental Management, Inc. preceded by close to 6 years working in the environmental risk management department for a large commercial real estate lender.

Pawel's experience includes 1,000's of hours working on technical analyses and strategy for complex environmental liability litigation including environmental defense to construction delay damages based on the doctrine of unclean hands, diminution of property value, cost recovery and Proposition 65. One case was concluded at an intensive three-day mediation with over 40 participants from three countries that resulted in a settlement in favor of the client for close to \$70 million.

Pawel completed his first phase I environmental site assessment report in 1988. His accumulative environmental site assessment experience includes the complete preparation (data acquisition, interpretation and report production) or review of site assessment reports for more than 2,400 commercial real estate transactions. Projects include a wide range of agricultural, commercial, industrial and residential properties primarily located throughout California and the Western United States.

Pawel's review of reports by others includes phase I and phase II environmental site assessments and associated investigation and remediation reports for real estate to be used as collateral by banks. Pawel has reviewed reports prepared by over 125 different environmental consulting firms for more than 1,800 properties. Written correspondence for each property included a summary of environmental conditions, quantification of potential environmental liabilities, requirements for additional investigation, requirements for regulatory agency oversight and final recommendations.

Pawel has participated in the development of bank environmental risk policy and provided training for bank personnel (risk analysts, appraisers, lenders and senior management).

Pawel has managed all aspects of complex solvent groundwater contamination sites including preparation and review of request for proposals, selecting contractors, negotiating budgets, cost tracking, successful identification and regulatory agency prosecution of additional responsible parties, regular communication (verbal and written) with regulatory agencies and providing strategic direction for all investigation and remediation tasks. Examples include a multi-party commingled groundwater contamination project at one of the first ever semiconductor manufacturing facilities on the west coast, a multi-party commingled groundwater contamination project at a former fabricated metal manufacturing facility, a 500 acre former explosives manufacturing facility with impacted off-site water supply wells and a dry cleaning facility located in a strip retail shopping center.

Additional historical experience includes: designed, installed and operated soil and groundwater remediation systems for sites impacted by leaking underground storage tanks; hazardous waste disposal projects including solvents, paints, empty containers, waste oil, wastewater, contaminated soil, heavy metals, lab packs, caustics, acids, pesticides, etc.; facility environmental audits including hazardous material and hazardous waste storage, handling and disposal practices, sewer discharges, aboveground and underground storage tanks, air emissions, environmental permits, hazard communication programs, hazardous materials management plans, emergency response plans and hazardous waste taxes; responsible for extensive proposals for large water treatment plants – reviewed technical specifications, generated cost estimates and bid evaluations of vendors for various liquids and solids handling systems and associated equipment; conducted inspections and testing of air pollution sources and air quality monitoring for emergency response; performed safety audits of industrial buildings and equipment; and conducted asbestos assessment and abatement projects.

STATEMENT OF INSURANCE

Pacific Environmental Management, Inc. (PEM) maintains the following policies of insurance:

- (a) Commercial general liability insurance with limits of not less than \$1,000,000. PEM's liability policy includes the following coverage: (i) products/completed operations hazard; (ii) contractual liability insurance; (iii) broad form property damage; (iv) independent contractors; (v) personal injury; (vi) premises - operations.
- (b) Professional Liability insurance, also known as Errors and Omissions insurance, with limits of not less than \$1,000,000.
- (c) Automobile liability insurance with limits equal to or greater than that required by law. PEM's automobile liability includes the following coverage: (i) owned; (ii) hired; (iii) non-owned.
- (d) Such worker's compensation and employer's liability insurance as will protect PEM from claims under the worker's compensation law or other liability imposed by law upon PEM for injury, death or disease suffered by its employees in connection with any work performed pursuant to this agreement and proposal.

APPENDIX H

OTHER SUPPORTING DOCUMENTATION



AEI Consultants

PRE-SURVEY QUESTIONNAIRE (Environmental)

Instructions: Please complete the following questionnaire to the best of your knowledge.

SITE INFORMATION			
Street Address(es)/Location: 2801 Pinole Valley Road			
City: Pinole		County: Contra Costa	State: CA Zip: 94564
Parcel Number(s): 360-010-029-5			
Contact	Name	Phone Number	Yrs. Associated w/Site
Owner:	Brian Baniqued	510-851-2748	20
Site Contact:	Brian Baniqued	510-851-2748	
Key Site Manager:			
Previous Owners, Operators and/or Occupants:			
PROPERTY USE AND SPECIFICATIONS			
<input type="checkbox"/> Residential <input checked="" type="checkbox"/> Office/Retail <input type="checkbox"/> Industrial <input type="checkbox"/> Vacant Land <input type="checkbox"/> Agricultural <input type="checkbox"/> Other: _____			
Provide all known current/former addresses and/or parcel numbers:			
Are there any plans for site redevelopment or change in use? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If yes, describe: We are in submission for approval for 17,000 sq ft. expansion of the existing office and retail and for the new construction for a 24 unit apartment on the same parcel.			
Total Property Size (acres): 1.78		Electricity Provider: PG&E	
Number of Buildings: 1		Heating System Fuel Source(s): Electric	
Building Size(s) (SF): 21,625 sq ft.		Gas Provider:	
Original Construction Date(s): 1984		Cooling System Power Source: Electric	
Date(s) of Renovation(s):		Potable Water Source/Provider: EBMUD	
Number of vacant units: 0		Sanitary Sewer Provider: Republic Services	
Any waste water discharge at the site? <input type="checkbox"/> Septic Tank/Leachfield <input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Other <input checked="" type="checkbox"/> None			
PROPERTY HISTORY			
Current and Previous Occupant(s)	Years of occupancy	Brief description of on-site operations	
Retail and office			
Has the subject site ever been occupied by the following? NO			
<input type="checkbox"/> Dry Cleaner <input type="checkbox"/> Gas Station <input type="checkbox"/> Printing Facility <input type="checkbox"/> Manufacturing Facility			
If yes, provide years of occupancy:			
Have any previous investigations been performed at the subject property? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes			
If Yes, are copies available? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes			
If Yes, what type: <input checked="" type="checkbox"/> Phase I ESA <input type="checkbox"/> Phase II <input type="checkbox"/> Asbestos Survey <input type="checkbox"/> Lead Paint Survey <input type="checkbox"/> Radon Sampling			
<input type="checkbox"/> Other: _____			

Project Number:		Return via Fax:	
Project Manager:		Return via Email:	



AEI Consultants

ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions, **either current or former**, on the subject site?

Environmental Condition/Issue	Response	Environmental Condition/Issue	Response
Aboveground Storage Tanks (ASTs)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Polychlorinated Biphenyls (PCBs)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Underground Storage Tanks (USTs)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Electrical Transformers	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Hazardous/Toxic Substances/Chemicals	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Hydraulic Lifts	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Chemical Spills/Releases	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Elevators	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Dump Areas/Landfills	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Asbestos	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Waste Treatment Systems	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Lead-Based Paint	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Wastewater Discharges	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Oil/Gas Wells	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Floor Drains, Sumps, Clarifiers/Oil Water Separators	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Flooding, Leaks, Other Water Intrusion	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Pits, Ponds, Lagoons	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Environmental Permits	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Stained Soil, Stressed Vegetation	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Environmental Cleanups	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Pesticide/Herbicide Use	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Water Damage, Mold	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes

OTHER ENVIRONMENTAL CONDITIONS

Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? No Yes If yes, provide brief explanation.

Are you aware of any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? No Yes If yes, provide brief explanation.

Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? No Yes If yes, provide brief explanation.

SIGNATURE INFORMATION

Person completing questionnaire: Brian Baniqued

Title/Affiliation to property: Owner

Number of years associated with property: 20

Date: 2/18/2021

SITE VISIT INFORMATION

- A person knowledgeable of current property use/business operations should be present during the site visit.
- Access to a percentage of units should be provided as requested by the field professional.
- Access to the following areas should be provided: all common areas, storage areas, and utility areas; all underground features and chemical storage/disposal areas.
- The following documentation should be provided for review if applicable: all hazardous waste manifests, environmental permits, and any previous environmental reports.

Project Number:		Return via Fax:	
Project Manager:		Return via Email:	

APPENDIX I

QUALIFICATIONS

Allison Essary – Project Manager, Due Diligence

BS – Animal Science (Wildlife Conservation), University of California, Davis

Ms. Essary provides project management to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Assessments, Environmental Transaction Screens, Regulatory Database Review, and Historical Records Review.

Project experience for Ms. Essary includes:

- Phase I Environmental Site Assessments (PHI ESA)
- Environmental Transaction Screens (ETS)
- Limited Environmental Site Assessments
- Records Research with Risk Assessments
- Regulatory Database Review
- Historical Records Review

In addition, prior to joining the environmental consulting industry, Ms. Essary spent four years studying a diverse range of environmental disciplines including: environmental policy analysis, environmental law, geology, Geographic Information Systems (GIS), sustainable development, and environmental planning.

Ron Bridgeman Regional Director, National Client Manager

Environmental Consultant Illinois State University

Accredited Asbestos Inspector

Illinois Department of Public Health Licensed Asbestos Inspector

Member of the American Society of Environmental Engineers and Technicians Airborne Asbestos Test

Asbestos or Lead-based Paint Operations and Enforcement Response Team Member

Member of the National Association of Environmental Consultants

AAO or ISO 9001 certification verification April 2000

ASTM Environmental Site Assessments for Commercial and Industrial Property Assessment

Mr. Bridgeman has over the past years of environmental consulting experience as a Regional Director Mr. Bridgeman is responsible for the management and oversight of staff and the diligent completion of projects focused on commercial real estate. In addition Mr. Bridgeman is a national client manager and senior author of several ASTM codes of practice and satisfaction of client requirements for environmental site assessments, environmental protection, remediation, and industrial hygiene projects.

Project experience for Mr. Bridgeman includes:

- Phase I Environmental Site Assessments – performance and review of numerous ASTM (All Appropriate Inquiry) Phase I investigations for sites ranging from multi-family properties to industrial facilities.
- Performed Limited Phase II assessment investigation requiring subsurface soil and ground water sampling to estimate the nature and extent of contamination.
- Provided asbestos and lead-based paint consulting services including: inspections, abatement design, project management, air sampling and analysis.
- Industrial hygiene surveys and occupational exposure assessments for commercial, industrial, and manufacturing sites; and indoor air quality and mold surveys and investigations for commercial and high-rise office buildings.
- Conducted research on endangered species, Indian tribes, wetlands, flood plains, archaeological and historical architectural sites, and preparation of reports for FCC National Environmental Policy Act (NEPA) projects.

Katie Hindt – Client Manager

B.A. – Environmental Studies, University of California, Santa Cruz

Registered Environmental Property Assessor (REPA) #528528

Ms. Hindt has over 10 years of experience in the environmental service industry and provides project management to ensure ASTM compliance and satisfaction of client requirements for Phase 1 Environmental Site Assessments, Environmental Transaction Screens, Environmental Transaction Analyses, Records Research with Risk Assessments, Regulatory Database Reviews and Historical Records Reviews. She has completed assessments on a variety of residential, agricultural, commercial and industrial sites. Ms. Hindt is familiar with all aspects of Due Diligence Property Assessments and the requirements of many reporting standards including, ASTM, AAI, HUD and client-specific formats.

Project experience for Ms. Hindt includes:

- Phase 1 Environmental Site Assessments (Phase 1 ESA)
- Environmental Transaction Screens (ETS)
- Environmental Transaction Analyses (ETA)
- Records Search with Risk Assessment (RSRA)
- Regulatory Database Reviews
- Historical Records Reviews
- Project Coordination and Setup

As a Client Manager, Ms. Hindt provides senior author services and client management. Additional responsibilities include managing projects and staff mentorship.

In addition, prior to joining the environmental service industry, Ms. Hindt spent four years studying a broad range of environmental disciplines including: National environmental law, policy and economics, restoration ecology, California environmental history and California freshwater policy/issues.

APPENDIX J

LIST OF COMMONLY USED ABBREVIATIONS

UNITS

µg/L	Micrograms per Liter	pCi/L	PicoCuries per Liter
mg/kg	Milligrams per Kilogram	ppb	Parts per Billion
mg/L	Milligrams per Liter	ppm	Parts per Million

ABBREVIATIONS AND ACRONYMS

ACM	Asbestos-Containing Material	NESHAP	National Emission Standards for Hazardous Air Pollutants
ADJ	Adjacent site	NFA	No Further Action
AEI	AEI Consultants	NFRAP	No Further Remedial Action Planned
AHERA	Asbestos Hazard Emergency Response Act	NLR	No Longer Reporting
APN	Assessor's Parcel Number	NOV	Notice of Violation
AST	Aboveground Storage Tank	NPL	National Priorities List
AUL	Activity and Use Limitation	O&M	Operations and Maintenance
bgs	Below Ground Surface	OEC	Other Environmental Considerations
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes	OSHA	Occupational Safety and Health Administration
CERCLA	Comprehensive Environmental Response Compensation and Liability Act	PCB	Polychlorinated Biphenyl
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System	PCE, PERC	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene
CESQGs	Conditionally Exempt Small Quantity Generators	RCRA	Resource Conservation and Recovery Act
COC	Contaminant of Concern	REC	Recognized Environmental Condition
CREC	Controlled Recognized Environmental Condition	RP	Responsible Party
EC	Engineering Controls	SDS	Safety Data Sheet
EDR	Environmental Data Resources, Inc.	SEMS	Superfund Enterprise Management System
EPA	Environmental Protection Agency	SF	Square Footage/Square Feet
ERIS	Environmental Risk Information Services	SP	Subject Property
ERNS	Emergency Response Notification System	SQG	Small Quantity Generator
ESA	Environmental Site Assessment	SWLF	Solid Waste Landfill
GPR	Ground-Penetrating Radar	SVOC	Semi-Volatile Organic Compound
HREC	Historical Recognized Environmental Condition	TCE	Trichloroethylene, Trichloroethene
HVAC	Heating, Ventilation and Air Conditioning	TPH	Total Petroleum Hydrocarbons
HWS	Hazardous Waste Site	TPHd	Total Petroleum Hydrocarbons (diesel range)
IC	Institutional Controls	TPHg	Total Petroleum Hydrocarbons (gasoline range)
LBP	Lead-Based Paint	TPHo	Total Petroleum Hydrocarbons (oil range)
LCP	Lead-Containing Paint	TRPH	Total Recoverable Petroleum Hydrocarbons
LLP	Landowner Liability Protection	TSDF	Treatment, Storage, and Disposal Facility
LQG	Large Quantity Generator	USDA	United States Department of Agriculture
LUST	Leaking Underground Storage Tank	USGS	United States Geological Survey
MCL	Maximum Contaminant Level	UST	Underground Storage Tank
MTBE	Methyl Tertiary Butyl Ether	VCP	Voluntary Cleanup Program
ND	None Detected	VOC	Volatile Organic Compound