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TRANSMITTAL

DATE: September 10, 2012

REFERENCE NO.: 060057

PROJECT NAME: Chevron 90917

Case No. RO 0000439

TO: Mr. Jerry Wickham
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED
11:34 am, Sep 11, 2012
Alameda County
Environmental Health

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QUANTITY	DESCRIPTION
1	Case Closure Request Report

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

COMMENTS:
Please call Nathan Lee at (510) 420-3333 if you have any questions or concerns.
Thank you.

Copy to: Ms. Catalina Espino Devine, Chevron

Copy to:

Completed by: Nathan Lee [Please Print] Signed: Nathan Lee

Filing: **Correspondence File**

Catalina Espino Devine
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-3949
espino@chevron.com

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Service Station No. 90917
5280 Hopyard Road
Pleasanton, CA

I have reviewed the attached report dated September 10, 2012.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga-Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Catalina Espino Devine
Project Manager

Attachment: Report

CASE CLOSURE REQUEST

CHEVRON SERVICE STATION NO. 90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA
Fuel Case Number RO 000439

Prepared For:

Mr. Mark Detterman
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Prepared by:
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SEPTEMBER 10, 2012
REF. NO. 060057 (16)
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CASE CLOSURE REQUEST

CHEVRON SERVICE STATION NO. 90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA
Fuel Case Number RO 000439

Celina Hernandez, PG 8931

Prepared by:
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SEPTEMBER 10, 2012
Ref. No. 060057 (16)
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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) is submitting this *Case Closure Request* on behalf of Chevron Environmental Management Company (Chevron) for Chevron Service Station No. 90917 located at 5280 Hopyard Road in Pleasanton, California. The site meets general- and media-specific criteria and should be closed under the Low Threat Underground Storage Tank (UST) Case Closure Policy (Low Threat Policy). The Low Threat Policy was established in 2012 by the State Water Board to control water quality and provide standard statewide closure criteria for low threat UST sites that are subject to Chapter 6.7 of Division 20 of the Health and Safety Code and Chapter 16 of Division 3 of Title 23 of the California Code of Regulations. The Conceptual Site Model (CSM), an evaluation of the Low Threat UST case closure criteria, and conclusions and recommendations are presented herein.

2.0 SITE DESCRIPTION

The site is an active Chevron station located at the southern corner of the intersection of Hopyard Road and Owens Drive in Pleasanton, California (Figure 1). Site facilities include a station building, car wash, four USTs, and six dispenser islands under a common canopy (Figure 2). A Shell-branded service station is located to the east across Hopyard Road, and has an open case with Alameda County Department of Environmental Health (ACEH). Surrounding land use is primarily commercial.

3.0 CONCEPTUAL SITE MODEL

3.1 SITE GEOLOGY AND HYDROGEOLOGY

The site is located in the Dublin Sub-Basin of the Livermore Valley Groundwater Basin. Soils in this sub-basin consist mainly of Holocene age valley-fill deposits, with a surficial clay layer cap up to about 40 feet thick. Alluvial fan and stream deposits consisting of unconsolidated sand, gravel, silt, and clay have been encountered below the clay cap in this sub-basin. The Park Fault trends east-northeast approximately 1 mile south of the site.[1] Aquifers in the Dublin Sub-Basin are generally flat lying; however, there is a drop in groundwater elevation of approximately 50 feet across the Park Fault.[2] The upper, unconfined groundwater in the Dublin Sub-Basin generally flows southward.

1 Pacific Environmental Group, Inc., Soil and Groundwater Investigation, dated August 11, 1997.

2 Evaluation of Groundwater Resources: Livermore and Sunol Valleys, Department of the Water Resources Bulletin Number 118-2, June 1974.

Based on site boring logs, the subsurface consists primarily of silt and clay to the maximum explored depth of 60 feet below grade (fbg). Boring logs are presented in Appendix A. Cross-section locations are shown on Figure 3. Geologic Cross-Sections A-A′ and B-B′ are presented on Figures 4 and 5, respectively. Groundwater depth ranges between approximately 5 and 11 fbg. The groundwater flow direction beneath the site is variable, with a predominant east-southeast trend as indicated by the rose diagram on Figure 2.

3.2 ENVIRONMENTAL SUMMARY

Environmental investigations have been ongoing since 1989, at which time the first three monitoring wells were installed. To date, nine monitoring wells have been installed onsite and offsite. More than 90 soil samples have been collected and analyzed to characterize the extent of petroleum hydrocarbons in soil. In addition, soil vapor and sub-slab soil vapor probes were installed to evaluate potential onsite soil vapor intrusion pathways to indoor air. A summary of previous environmental and remediation is presented in Appendix B.

3.3 HYDROCARBON SOURCE REMEDIATION

In June 1991, five USTs were removed: three gasoline, one diesel, and one used-oil. Petroleum hydrocarbon-bearing soil was excavated from the bottom of the tank pits and product pipeline up to approximately 10 fbg (Figure 2). Approximately 160 cubic yards of soil, excluding pea gravel, were removed during the UST and product line removals and over-excavation. A site plan showing the location of the former used-oil UST is also presented in Appendix B from the August 2, 1991 Blaine Tech Services, Inc. *Tank Removal and Replacement Report*. In February 2010, a second remedial excavation extended up to approximately 7 fbg beneath the remodelled station building and removed approximately 182 tons of hydrocarbon-bearing soil to mitigate potential vapor inhalation risk observed at vapor probe VP-1. In addition to the source mass removal from soil, groundwater remedial activities included the following:

- In 1999, oxygen release compound (ORC) socks were installed in source area wells MW-5 and MW-6 and removed in 2001
- In 2007, groundwater batch extraction occurred in well IWI-1 removing approximately 0.0051 pounds of TPHg

The remedial efforts have removed the petroleum hydrocarbon source to soil and groundwater to the extent necessary for low threat closure. Appendix B presents a detailed summary of source remediation.

3.4 HYDROCARBON DISTRIBUTION

Primary constituents of concern (COC) are total petroleum hydrocarbons quantified as gasoline (TPHg) and benzene. Other COCs are TPH quantified as diesel (TPHd), toluene, ethylbenzene, and total xylenes. Methyl tertiary-butyl ether (MTBE) concentrations are below Environmental Screening Levels (ESL)[3] and are not a COC. No light non-aqueous phase liquids (LNAPLs) have been reported. A discussion of soil, groundwater and vapor hydrocarbon distribution is presented in this section.

3.4.1 SOIL

The majority of petroleum hydrocarbons in soil are located at the southeast corner of the site (Figures 6 and 7). Lower concentrations were also detected on the sidewalls of the former UST pit in the northern portion of the site. Cumulative historical soil analytical data and applicable ESL are presented in Table 1. After excavations in 1991 and 2010, the overall maximum petroleum hydrocarbon concentrations in soil include:

- TPHd at 8 milligrams/kilogram (mg/kg) in piping sample #27, collected at 10 fbg (June 1991)
- TPHg at 880 mg/kg in sample IW-1, collected at 15.5 fbg (August 2006)
- Benzene at 3.4 mg/kg in SB7, collected at 18 fbg (October 2009)
- MTBE at 0.007 mg/kg in SB8, collected at 10 fbg (October 2009)

The Low Threat Policy addresses soil conditions between 0 and 5 fbg and 5 to 10 fbg specifically for benzene, ethylbenzene, naphthalene and poly-aromatic hydrocarbons. Only benzene and ethylbenzene have been analyzed at the site and the maximum concentrations for the depth ranges are listed below:

- 0 to 5 fbg
    - 0.001 mg/kg benzene
    - 2.9 mg/kg ethylbenzene

[3] San Francisco Bay Regional Water Quality Control Board's Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final November 2007 (Revised May 2008).

- 5 to 10 fbg
    - 1.1 mg/kg benzene
    - 2.3 mg/kg ethylbenzene

Hydrocarbons in soil are horizontally defined in all directions except east of SB8. Although no soil samples were apparently collected when Shell wells S-6 and S-7 were installed east of SB8, hydrocarbon concentrations in groundwater at those locations are consistently near or below reporting limits (Figure 8). This indicates residual hydrocarbon mass in soil near S6 and S7 is de minimis and does not result in hydrocarbon concentrations in groundwater at concentrations that are of concern. Therefore, it does not appear that hydrocarbons in soil extend significantly beyond SB8. A copy of Shell's Third Quarter 2011 groundwater monitoring data table is presented in Appendix C.

The vertical extent of hydrocarbons in soil is delineated by onsite borings SB6, SB7, and SB-8, where samples collected at 23.5 fbg did not contain detectable petroleum hydrocarbons (Table 1).

3.4.2 GROUNDWATER

Groundwater monitoring was performed for 20 years before it was discontinued in 2009 with the approval of ACEH. Petroleum hydrocarbon concentrations in wells MW-1 through MW-3 were near or below reporting limits prior to destruction in 1991 (Figure 2). Hydrocarbon concentrations in groundwater were generally coincident with the distribution in soil, with the highest concentrations detected in samples from MW-5 and MW-6, both of which are located downgradient of the former USTs and dispenser islands in the southern and southeastern portions of the site (Figure 8).

Dissolved-phase hydrocarbon concentrations are laterally defined in all directions by former wells MW-1 through MW-3, existing wells MW-4, MW-7, MW-8, MW-9, and Shell wells S-6 and S-7. Petroleum hydrocarbon constituents are vertically defined by grab-groundwater samples collected below 50 fbg from GP-1 and GP-2 (Figure 8). Shell and Chevron historical groundwater analytical data are presented in Appendix C and D and grab-groundwater sample analytical results are presented in Table 2. The most recent hydrocarbon concentrations in groundwater samples from monitoring wells are presented below in Table A.

TABLE A: PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUNDWATER							
	Date	***TPHg***	***Benzene***	***Toluene***	***Ethylbenzene***	***Total Xylenes***	***MTBE***
Micrograms per liter (µg/L)							
ESLs Table F-1a Drinking Water		*100*	*1*	*40*	*30*	*20*	*5*
ESL Table E-1 Potential Vapor Intrusion		*Use Soil Gas*	*540*	*380,000*	*170,000*	*160,000*	*24,000*
MW-4	2/19/09	<50	<0.5	<0.5	<0.5	<0.5	3
MW-5	6/11/09	**4,600**	**24**	<0.5	**110**	0.7J	0.6J
MW-6	6/11/09	**710**	<0.5	<0.5	<0.5	<0.5	2
MW-7	6/11/09	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	2/19/09	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	2/19/09	<50	<0.5	<0.5	<0.5	<0.5	<0.5
S-6	2/1/11	<50	<0.50	<0.50	<0.50	<1.0	<1.0
S-7	7/28/11	<50	<0.50	<0.50	<0.50	<1.0	**21**
J = estimated value							

Projections to Meet Environmental Screening Levels

CRA uses the guidance provided within the United States Environmental Protection Agency (EPA) document *Calculation and Use of First-Order Rate Constants for Monitored Natural Attenuation Studies* (November 2002) to estimate the time to reach water quality objectives (WQOs), specifically ESLs. Additionally, CRA also uses the EPA document *On-line Tools for Assessing Petroleum Releases* (September 2004) to assess the proper methodology of determining where to begin a trend analysis. A receptor is located some distance from the source, and no impact to the receptor is seen when the release first occurs. The analytes take time to travel to the receptor. The first data points that show an analyte detection is called the first arrival time. The first arrival time varies for each receptor based upon distance from the receptor and the transport rates through the heterogeneous medium.

As the analyte plume expands and stabilizes, the analyte concentration reaches the maximum concentration. If the source of the release is finite (e.g., a single release from an underground storage tank), the concentration will eventually decrease from the maximum, to below the concentration of concern. This period is called the duration.

CRA also evaluates groundwater monitoring data from each well (the receptor) and creates a degradation trend analysis for each analyte from the maximum detection through the latest sampling date. The starting point can vary from the maximum detection if the transport mechanisms are not sufficiently linear. For example, groundwater monitoring data may show that the maximum concentration occurred at some point in the past and that degradation seemed to be occurring. However, due to the heterogeneous nature of the subsurface and seasonal groundwater level fluctuations, the duration does not demonstrate a steady degradation behavior. The concentrations of the analyte may increase one or more times before showing consistent attenuation towards the concentration objective.

CRA calculated estimated times for dissolved TPHg and benzene concentrations to meet Water Quality Goals (WQGs), specifically Regional Water Quality Control Board (RWQCB) ESLs for drinking water, in wells MW-5 and MW-6. The drinking water ESLs for TPHg and benzene are 100 µg/L and 1 µg/L, respectively. CRA used the following first order exponential decay rate calculation[4] to estimate the time to meet the applicable WQGs:

$$y = be^{(ax)}$$

Where "a" is a decay constant, "b" is a concentration at time (x), y is concentration (WQG), and "x" is time.

The results of these analyses are described below. A summary of historical maximum concentrations and current concentrations for all active wells and projections to meet the ESLs are presented in Table B. Trend graphs and degradation calculations are presented as Appendix E.

Hydrocarbon Trends

TPHg and benzene concentrations have decreased by one to four orders of magnitude since their peak in 1992 through 1994. In monitoring well MW-6, benzene, toluene, ethylbenzene and xylenes (BTEX) concentrations remained near or below reporting limits since 2003 (Appendix E). The trend analysis graphs for MW-5 and MW-6 are presented in Figures A and B below.

[4] EPA-Groundwater Issue; Calculation and Use of First-Order Rate Constants for Monitored Natural Attenuation Studies; Charles J. Newell, et al., 2002.

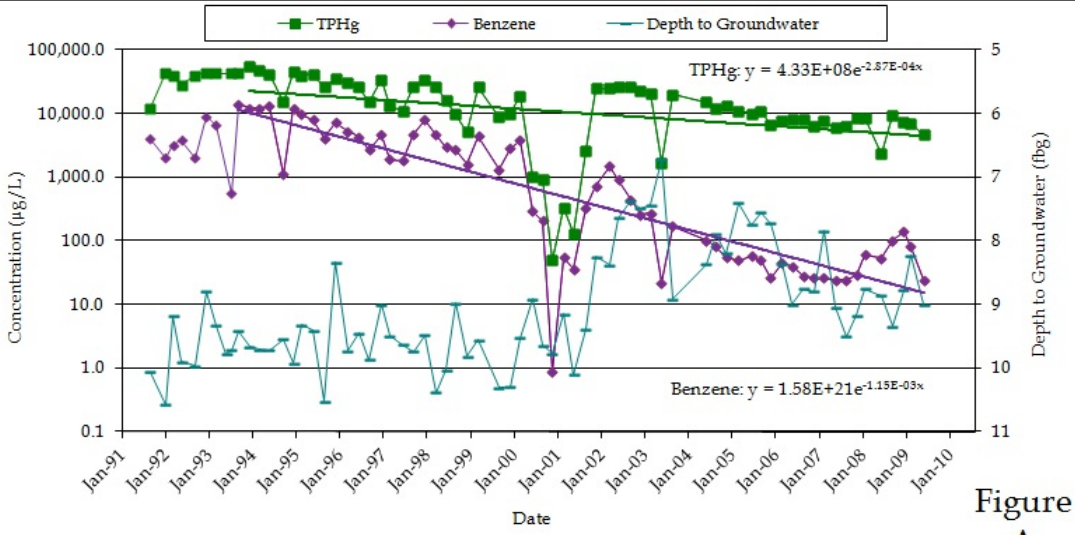


Figure A

CHEVRON SERVICE STATION #9-0917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

MW-5: TPHg AND BENZENE CONCENTRATIONS AND DEPTH TO GROUNDWATER

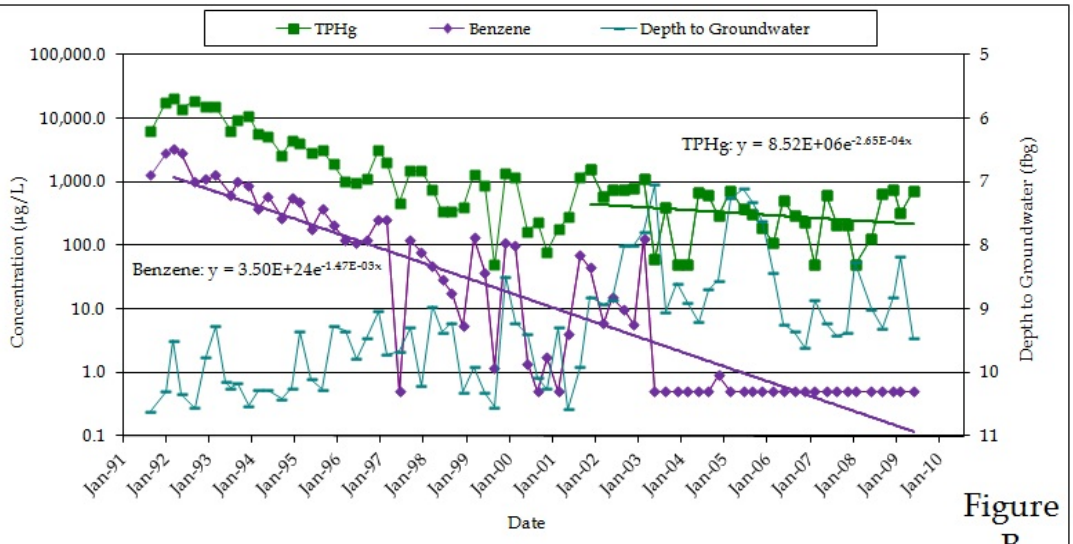


Figure B

CHEVRON SERVICE STATION #9-0917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

MW-6: TPHg AND BENZENE CONCENTRATIONS AND DEPTH TO GROUNDWATER

TABLE B - SUMMARY OF DEGRADATION RATE CALCULATIONS						
Well	*Analyte*	*Maximum Concentration (µg/L)*	*Most Recent Concentration (µg/L)*	*Half-Life (years)*	*Approximate Date to Reach ESLs*[5]	*Approximate Years to Reach ESLs*
MW-5	TPHg	56,000	4,600	6.60	2045	34
	Benzene	14,000	24	1.65	2015	4
MW-6	TPHg	21,000	710	7.17	2017	5
	Benzene	3,300	<0.5	1.29	2005	Reached

Wells have not been sampled since 2009 with regulatory agency approval. Trend analysis calculations predict that the TPHg concentration at the location of well MW-5 will be below the ESL of 100 µg/L by July 2045, and benzene will be below the ESL of 1 µg/L by December 2015. The calculations also predict that the TPHg concentration at well location MW-6 will likely met in 2017. Benzene previously reached the ESL.

3.4.3 VAPOR

Several vapor intrusion surveys have been conducted, at the site, even though under the Low Threat Policy a vapor intrusion to indoor air assessment is not required at active commercial service stations:

- Vapor probes VP-1 through VP-6 were installed at exterior locations (VP-1 was later destroyed)
- Sub-slab vapor probes SSVP-1 through SSVP-5 were installed inside the station building (SSVP-1 and SSVP-2 have been destroyed)
- Temporary vapor probes were installed in soil borings SB6, SB8, and SB9 (located on the east side of the building)
- Indoor and outdoor ambient air samples were collected inside and outside the station building

Vapor Probes

Soil vapor probes were sampled in 2009, 2010, and 2012 at the request of ACEH; analytical results are summarized in Table 3. Laboratory analyses for samples from vapor probes VP-1 through VP-6, and SB6, SB7, and SB8 indicated the presence of volatile petroleum hydrocarbons in soil vapor at depths ranging from 5 fbg to 6 fbg.

[5] The dates shown are approximate. Approximate Date to Reach ESLs is a calculation based on the entire data set. There may be individual data points that fall above the trend line, resulting in concentrations that are above ESLs when the trend line indicates ESLs have been met.

In 2009, soil vapor samples from probe VP-1 were analyzed using U.S. EPA Method TO-15. TPHg and benzene concentrations were reported at 160,000,000 and 1,500,000 micrograms per cubic meter (µg/m^3), respectively. Elevated concentrations of TPHg and benzene (i.e., 61,000,000 µg/m^3 and 48,000 µg/m^3, respectively) were reported at probe VP-6 in 2010.

In March 2012, CRA collected vapor samples from soil vapor probe VP-6 to confirm the July 2010 sampling results. TPHg and benzene concentrations were reported at 120,000,000 and 16,000 µg/m^3, respectively (Figure 9).

Sub-Slab Vapor Probes

On July 14, 2010, CRA collected sub-slab vapor samples from SSVP-3, SSVP-4, and SSVP-5. The highest TPHg concentration was 6,700 µg/m^3 (at SSVP-2). No BTEX, MTBE, or naphthalene were detected.

Ambient Air Sampling

In November 2009 and July 2010, CRA collected ambient air samples inside and outside the station building. No benzene, ethylbenzene, MTBE, or naphthalene were detected (Table 3). Low concentrations of TPHg, toluene, and total xylenes were detected in both the indoor and outdoor air samples. Therefore, it appears the analytes detected in the indoor air samples were likely sourced from air exchange between the building and outside air.

In March 2012, one final round of ambient indoor and outdoor air samples was collected (Table 3). No petroleum hydrocarbon constituents were detected.

3.5 LIGHT NON-AQUEOUS PHASE LIQUIDS

No LNAPL has been observed in site wells.

3.6 SENSITIVE RECEPTORS AND EXPOSURE PATHWAYS

3.6.1 SENSITIVE RECEPTOR SURVEY

The site is surrounded by commercial properties, with the nearest commercial building approximately 100 feet south of the site. No residences are located in the vicinity.

In October 2007, CRA completed a supply well survey within a 2,000-foot radius of the site. Zone 7 Water Agency (Zone 7) records identified 49 monitoring wells, two irrigation wells, nine unknown wells and three supply wells. The supply wells are located approximately 1,700 feet north and northeast (upgradient) and 1,125 fee south of the site; no other information regarding these wells has been recovered. Dissolved hydrocarbons are defined to the south by wells MW-7, MW-8 and MW-9 (Figure 8). Therefore, neither of these supply wells is at risk from the dissolved-phase hydrocarbons originating from the Chevron site. The supply wells are summarized in Table C and the Zone 7 well survey table and location map are presented in Appendix F.

TABLE C: WELL SURVEY DATA

Sensitive Receptor	*Type of Well*	*Approximate Distance From Site in Feet*	*Location Relative to Site*
3S1E 6G1	Supply	1,700	North (upgradient)
3S1E 6J2	Supply	1,700	Northeast (upgradient)
3S1E 6Q 1	Supply	1,125	South (downgradient)

The nearest surface water bodies are Chabot Canal and Hewlett Canal located 330 and 1,250 feet to the east of the site, respectively. Dissolved hydrocarbons are defined to the east by wells installed by Shell (S-6 and S-7) (Figure 8). Therefore, neither of these surface waters is at risk from dissolved-phase hydrocarbons originating at the Chevron site. Further discussion of the distribution of hydrocarbons in soil and groundwater is presented below in Section 4.0.

3.6.2 PREFERENTIAL PATHWAYS

Various utilities have been identified on and around the site (Figure 2[6] in Appendix F). However, it does not appear that the utility lines are acting as preferential pathways for significant hydrocarbon migration, because:

- Low hydrocarbon concentrations were detected in soil samples collected in shallow soil (i.e., less than 8 fbg)
- The dissolved-phase petroleum hydrocarbon plume is small, defined, of generally low concentrations, and not migrating
- No petroleum hydrocarbons were observed in soil around the storm drain and sanitary sewer pipes that were exposed during the February 2010 excavation.

[6] Figure 2 site plan with underground utilities previously presented in CRA's *Site Assessment and Excavation Report* dated August 22, 2010.

3.6.3 MEDIA-SPECIFIC EXPOSURE PATHWAYS

Soil Exposure Pathways

As mentioned previously, the Low Threat Policy evaluates direct contact with hydrocarbon-impacted soil or inhalation of soil vapor and particulates for soil up to 10 fbg. Table 1 presented in the Low Threat Policy presents concentration limits for constituents. The 0 to 5 fbg concentration limits protect from ingestion, dermal contact and inhalation of soil vapor and particulates; the 5 to 10 fbg concentration limits protect from inhalation of soil vapor; the 0 to 10 fbg concentration limits protect from exposure to utility workers. The following maximum concentrations have been observed at the site for the specific depth ranges:

- 0 to 5 fbg
    - 0.001 mg/kg benzene
    - 2.9 mg/kg ethylbenzene

- 5 to 10 fbg
    - 1.1 mg/kg benzene
    - 2.3 mg/kg ethylbenzene

These maximum concentrations do not exceed the Low Threat Policy for residential, commercial/industrial or utility worker (Table 4). Therefore, there is no significant human health risk under the Low Threat Policy.

Groundwater Exposure Pathways

Petroleum hydrocarbon concentrations exceed drinking water ESLs in onsite wells MW-5 and MW-6 (Table B). However, groundwater at these locations is not expected to reach human receptor populations because the plume is defined at downgradient wells MW-7, MW-8, MW-9, and Shell wells S-6 and S-7, and the two nearest supply wells are located approximately 1,700 feet upgradient of the site.

Additionally, the vertical extent of petroleum hydrocarbons has been delineated in deep grab-groundwater samples collected immediately beneath the site from depths below 50 fbg indicating vertical migration of dissolved-phase petroleum hydrocarbons to any deeper drinking water aquifers has not occurred.

Therefore the exposure pathway for groundwater is incomplete.

Vapor Intrusion and Shallow Soil Gas Exposure Pathways

The 2010 remedial excavation beneath the remodeled station building removed the potential vapor intrusion risk associated with the soil vapor concentrations observed at VP-1. The remaining potential risk is associated with vapor probe VP-6 since the commercial/industrial and residential ESLs for TPHg and benzene in shallow soil gas (for vapor intrusion concerns) were exceeded (Table 3 and Figure 9)[7].

Additional investigation was performed to evaluate potential risks associated with vapor intrusion. Sub-slab vapor probes were installed beneath the station building, and indoor and outdoor air samples were collected to evaluate potential vapor intrusion from sub-slab vapor to ambient air. No analytes were detected in March 2012 sub-slab vapor samples above residential ESLs; therefore, the exposure pathway is not complete.

On the basis of the site-specific soil vapor sampling results, the exposure pathway between the subsurface and ambient air is incomplete and vapor intrusion risks are not expected. The collective evidence for these conclusions includes:

- The TPHg concentration in the soil vapor sample collected at SV-6 at 5.5 fbg is over six orders of magnitude greater than any other soil vapor samples. If the pathway between the subsurface at VP-6 and the building sub-slab were complete, significantly higher concentrations would be observed in sub-slab samples. However, sub-slab soil vapor samples did not contain petroleum hydrocarbon constituents exceeding applicable ESLs, and no benzene was detected, indicating that vapor exchange between the area near SV-6 and the station building is minimal.

No TPHg or benzene were detected in ambient air samples, indicating there is no complete pathway between the sub-slab and ambient air.

The site-specific vapor intrusion assessment data demonstrates that there is no potential vapor intrusion risk to human health at the active service station and meets the Low Threat Policy criteria.

[7] CRA maintains the position that the elevated chemical concentrations observed at VP-6 may actually represent methane or another constituent with an ionization potential (IP) greater than 10.6 electron volts (eV), the highest photoionization detector (PID) lamp CRA utilizes in the field. Volatile organic compound readings measured during the installation of VP-6 were low (ranging from 4 to 24 parts per million), and benzene, if present at elevated concentrations, would have been detected (benzene has an IP of 9.25 eV).

4.0 DATA GAPS

No data gaps have been identified for this site.

5.0 REQUEST FOR LOW THREAT CLOSURE

5.1 GENERAL CRITERIA

Based on the information presented above, the site meets the general criteria presented in the Low Threat Policy:

5.1.2 THE UNAUTHORIZED RELEASE IS LOCATED WITHIN THE SERVICE AREA OF A PUBLIC WATER SYSTEM

The City of Pleasanton typically purchases 80 percent of the water supply from Zone 7 Water Agency, which is sourced from the Delta or Lake Del Valle. The other water supply comes from wells. All water is treated prior to public distribution.[8]

As discussed in Section 3.6.1, the 2007 well survey identified the following existing supply wells and surface water bodies within a 2,000-foot radius of the site: two supply wells located upgradient approximately 1,700 feet to the north and northeast, one supply well located downgradient approximately 1,125 feet to the south, Chabot Canal located approximately 330 feet to the east, and Hewlett Canal located 1,250 feet to the east. The supply wells and surface water bodies are not considered at risk from the dissolved-phase hydrocarbons originating at the Chevron because (1) the distance exceeds the 250 foot radius acceptable by the Low Threat Policy's groundwater specific criteria; (2) declining dissolved-phase petroleum hydrocarbon concentration trends in wells MW-5 and MW-6; and (3) an absence of dissolved-phase petroleum hydrocarbons in downgradient wells MW-7, MW-8, MW-9, and upgradient wells S-6, and S-7 (Figure 8).

5.1.3 THE UNAUTHORIZED RELEASE CONSISTS ONLY OF PETROLEUM

The site had five fiberglass USTs consisting of three 10,000-gallon gasoline, one 10,000-gallon diesel, and one 500-gallon used-oil UST were removed and replaced with

[8] Water supply information for the City of Pleasanton is from the City of Pleasanton's 2011 *Annual Water Quality Report*.

four 12,000-gallon double-walled fiberglass gasoline USTs. The primary COCs are TPHg and benzene. Other COCs are TPHd, toluene, ethylbenzene, and total xylenes. MTBE is not a COC because the concentrations are not detected above laboratory reporting limits or are below the ESL. The soil sample collected in 1991 beneath the former used-oil tank at 9 fbg (sample ID WoM or 28) was the only soil sample analyzed for chlorinated compounds by EPA Method 8010 and the concentrations were below laboratory reporting limits. Therefore, the unauthorized release consists only of petroleum.

5.1.4 THE UNAUTHORIZED ('PRIMARY') RELEASE FROM THE UST SYSTEM HAS STOPPED

The former USTs were removed in June 1991 and replaced with double-walled fiber glass tanks. During the same event, 160 cubic yards of hydrocarbon-bearing soil was excavated and removed from under the UST pit and product piping trenches. An additional 182 tons of hydrocarbon-bearing soil were excavated from beneath a proposed building footprint in 2010 to mitigate potential vapor intrusion risks observed at vapor probe VP-1.

Indications that the leak has stopped and the rate of natural attenuation is exceeding the rate of hydrocarbon mass flux from soil to groundwater include: (1) declining dissolved-phase petroleum hydrocarbon concentration trends in groundwater in wells MW-5 and MW-6 (Figure A and B); and (2) an absence of dissolved-phase petroleum hydrocarbons in downgradient wells MW-7, MW-8, MW-9, and upgradient wells S-6, and S-7 (Figure 8).

5.1.5 FREE PRODUCT HAS BEEN REMOVED TO THE MAXIMUM EXTENT PRACTICABLE

No LNAPL has been observed.

5.1.6 A CONCEPTUAL SITE MODEL THAT ASSESSES THE NATURE, EXTENT, AND MOBILITY OF THE RELEASE HAS BEEN DEVELOPED

Section 3.0 presents an updated CSM including geology and hydrogeology, hydrocarbon distribution for all media (i.e. soil, groundwater and vapor), sensitive receptor survey, and media-specific exposure pathways. The lateral and vertical extent of hydrocarbons in soil has been adequately defined by 27 onsite and offsite soil borings

and wells (Figures 6 and 7). Petroleum hydrocarbon concentrations in soil are limited to a small area at the north and southeastern section of the site (Figure 6 and 7), with concentrations below the Low Threat Policy criteria detected (Table 4). The dissolved-phase petroleum hydrocarbon plume does not appear to extend more than 100 feet as indicated by the absence of hydrocarbons in downgradient wells MW-7, MW-8, MW-9, and upgradient wells S-6, and S-7 (Figure 8). The plume also appears to be shrinking based on the decreasing concentrations trends in well MW-6 and MW-7 (Figure A and B). The site-specific vapor intrusion assessment data demonstrates that there is no potential vapor intrusion risk to human health at the active service station and meets the Low Threat Policy criteria.

5.1.7 SECONDARY SOURCE HAS BEEN REMOVED TO THE EXTENT PRACTICABLE

As discussed in section 3.3.1, in 1991, the first remedial excavation removed approximately 160 cubic yards of soil, excluding pea gravel, during the UST and product line removals and over-excavation. In 2010, a second remedial excavation completed beneath the remodelled station building removed approximately 182 tons of hydrocarbon-bearing soil to mitigate potential vapor inhalation risk observed at vapor probe VP-1. Groundwater remedial activities included the following:

- In 1999, oxygen release compound (ORC) socks were installed in source area wells MW-5 and MW-6 and removed in 2001
- In 2007, groundwater batch extraction occurred in well IWI-1 removing approximately 0.0051 pounds of TPHg

The remedial efforts have removed the petroleum hydrocarbon source to soil and groundwater to the extent necessary for Low Threat closure which is indicated by decreasing dissolved-phase petroleum hydrocarbon concentration trends. Therefore, the plume is shrinking in both size and mass indicating the secondary source has been removed to the extent necessary to support ongoing plume attenuation.

5.1.8 SOIL AND GROUNDWATER HAVE BEEN TESTED FOR MTBE AND RESULTS REPORTED IN ACCORDANCE WITH HEALTH AND SAFETY CODE SECTION 25296.15

Soil and groundwater have been tested for MTBE and are presented in Table 1 (soil data) and 2 (grab-groundwater data) and in Appendix C and D (Shell and Chevron groundwater monitoring well data). MTBE groundwater concentrations that are

detected in the Chevron wells are below ESLs. Table D presents the MTBE concentrations in groundwater for the Chevron wells.

TABLE D: MTBE CONCENTRATIONS IN GROUNDWATER

	Date	***MTBE***
ESLs Table F-1a Drinking Water		*5*
ESL Table E-1 Potential Vapor Intrusion		*24,000*
MW-4	2/19/09	3
MW-5	6/11/09	0.6J
MW-6	6/11/09	2
MW-7	6/11/09	<0.5
MW-8	2/19/09	<0.5
MW-9	2/19/09	<0.5

J = estimated value

5.1.9 NUISANCE AS DEFINED BY WATER CODE SECTION 13050 DOES NOT EXIST AT THE SITE

Nuisance is defined as follows per Water Code Section 130580. All three of the following requirements must be met to cause nuisance:

- Injurious to health, offensive to senses, or an obstruction of free property use
- Affects at the same time an entire community or neighborhood
- Occurs during or as the result of treatment or disposal of wastes (i.e., petroleum release)

Nuisance does not exist at the site. No community nuisance complaints have been filed to date.

5.2 MEDIA-SPECFIC CRITERIA

5.2.1 MEDIA-SPECIFIC CRITERIA FOR VAPOR INTRUSION TO INDOOR AIR

As stated in Section 3.6.3, vapor assessments have been completed at the site, even though under the Low Threat Policy a vapor intrusion to indoor air assessment is not required at active commercial service stations. The site-specific vapor intrusion assessment data demonstrates that there is no potential vapor intrusion risk to human health at the active service station and meets the Low Threat Policy criteria.

5.2.2 MEDIA-SPECIFIC CRITERIA FOR DIRECT CONTACT AND OUTDOOR AIR

The maximum soil concentrations for benzene and ethylbenzene between 0 and 10 fbg do not exceed the Low Threat Policy criteria for residential, commercial/industrial or utility worker. Therefore, there is no significant human health risk under the Low Threat Policy. Table 4 presents the soil analytical data compared to Low Threat Policy criteria for direct contact and outdoor air exposure.

5.2.3 MEDIA-SPECIFIC CRITERIA FOR GROUNDWATER

The Low Threat Policy has five groundwater classes with additional characteristics that must be met. The site meets the Class 1 criteria as discussed below:

- **The contaminant plume that exceeds water quality objectives is less than 100 feet in length.** The TPHg dissolved-phase plume does not appear to extend more than 100 feet as indicated by the absence of hydrocarbons in downgradient wells MW-7, MW-8, MW-9, and upgradient wells S-6, and S-7 (Figure 8). The plume also appears to be shrinking based on the decreasing concentrations trends in well MW-6 and MW-7 (Figure A and B).

- **There is no free product.** LNAPL has never been observed at the site.

- **The nearest existing water supply well or surface water body is greater than 250 feet from the defined plume boundary.** No water supply wells or surface water bodies have been identified within a 250 foot radius which is acceptable by the Low Threat Policy: three supply wells are located up to approximately 1,700 feet from the site; Chabot Canal is located to the east approximately 330 feet; and Hewlett Canal is

located to the east approximately 1,250 feet. However, dissolved hydrocarbons are defined to the east by wells installed by Shell (S-6 and S-7) and to the south by wells MW-7, MW-8 and MW-9 (Figure 8). Therefore, neither of these water supply wells or surface water bodies is at risk from dissolved-phase hydrocarbons originating at the Chevron site.

6.0 CONCLUSIONS AND RECOMMENDATIONS

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

FIGURES

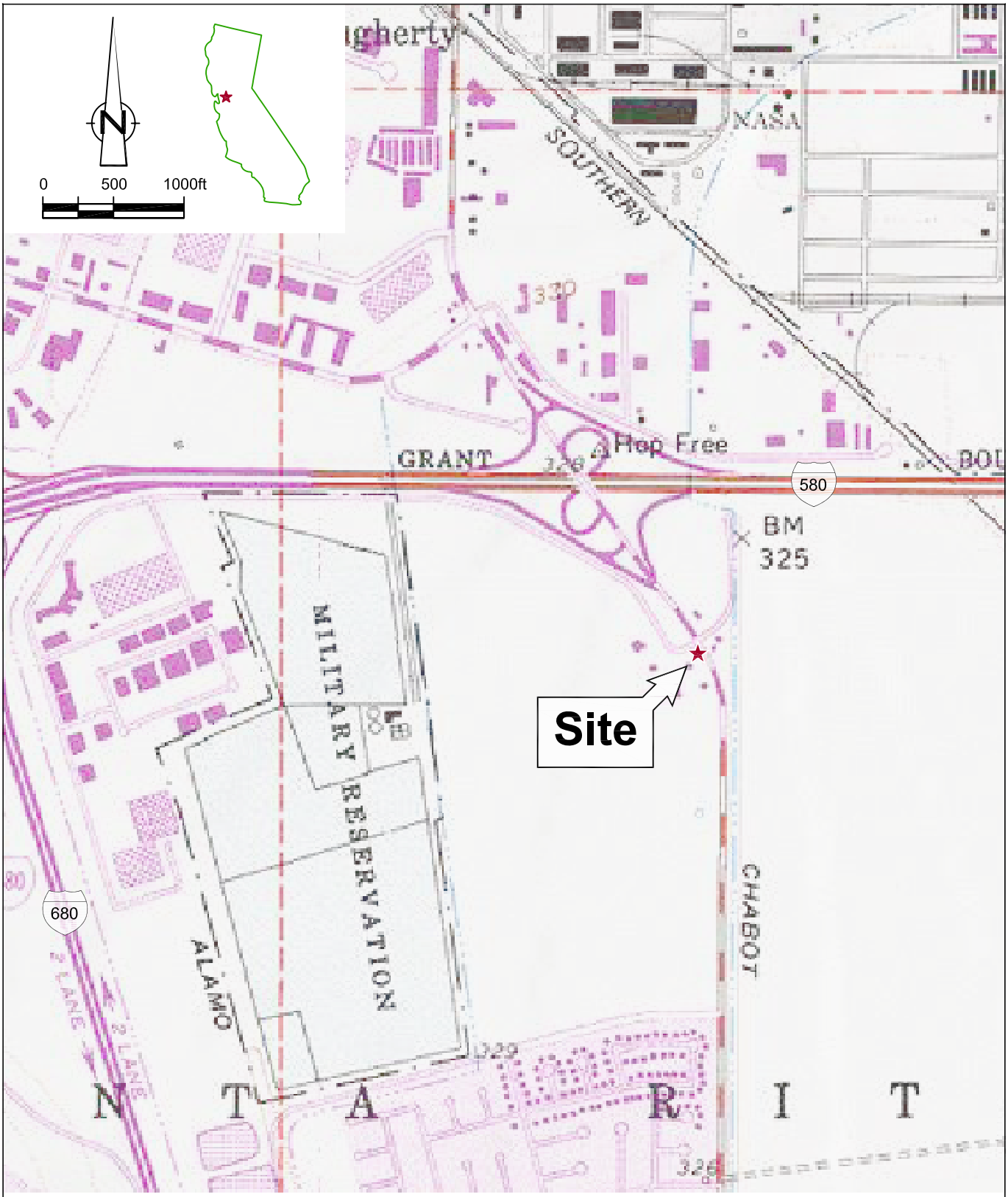


FIGURE 1

VICINITY MAP
CHEVRON STATION 90917
5280 HOPYARD ROAD
Pleasanton, California

060057-2012(016)GN-EM001 MAY 16/2012

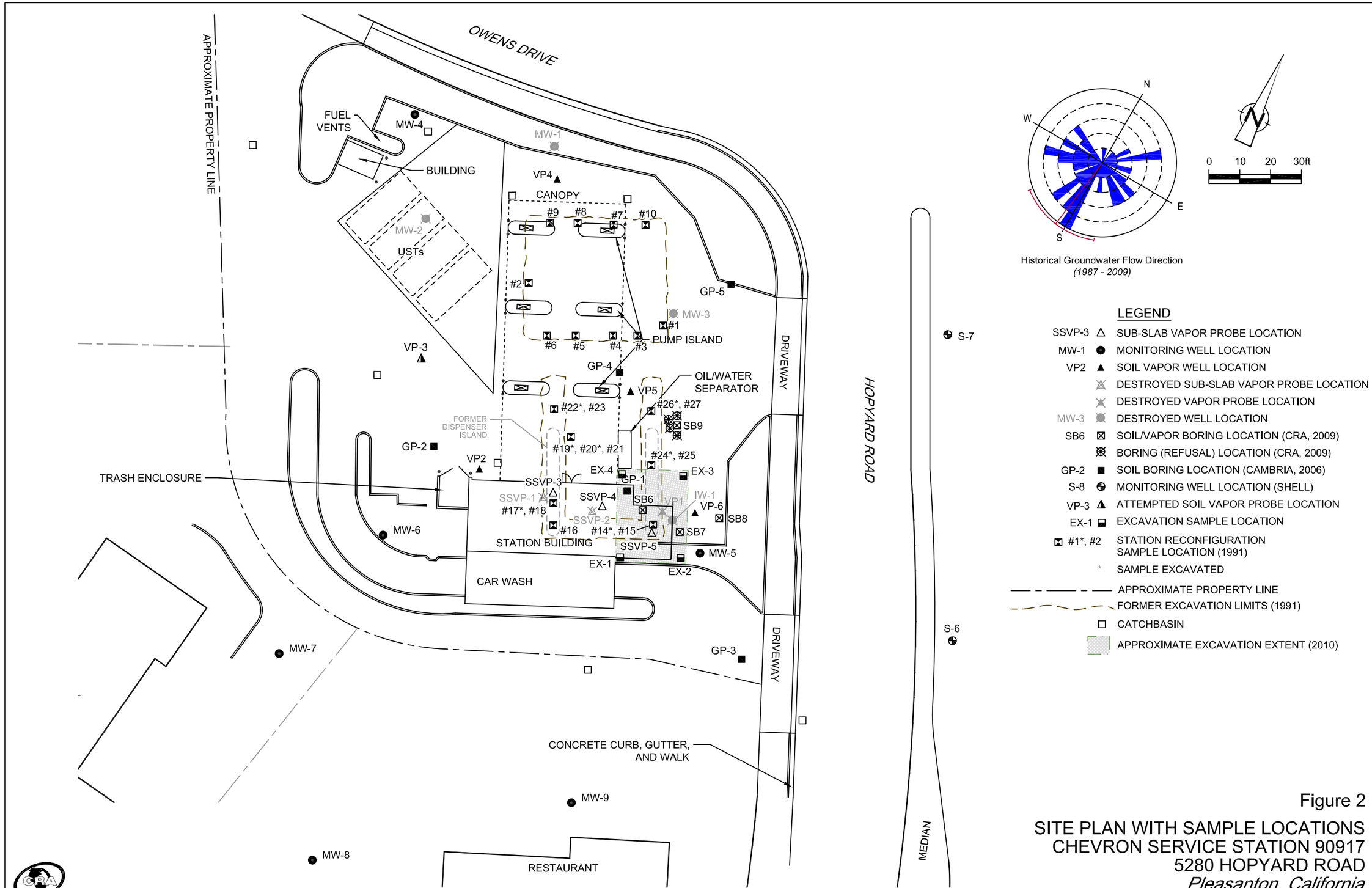


Figure 2

SITE PLAN WITH SAMPLE LOCATIONS
CHEVRON SERVICE STATION 90917
5280 HOPYARD ROAD
Pleasanton, California

060057-2012(016)GN-EM002 MAY 14/2012

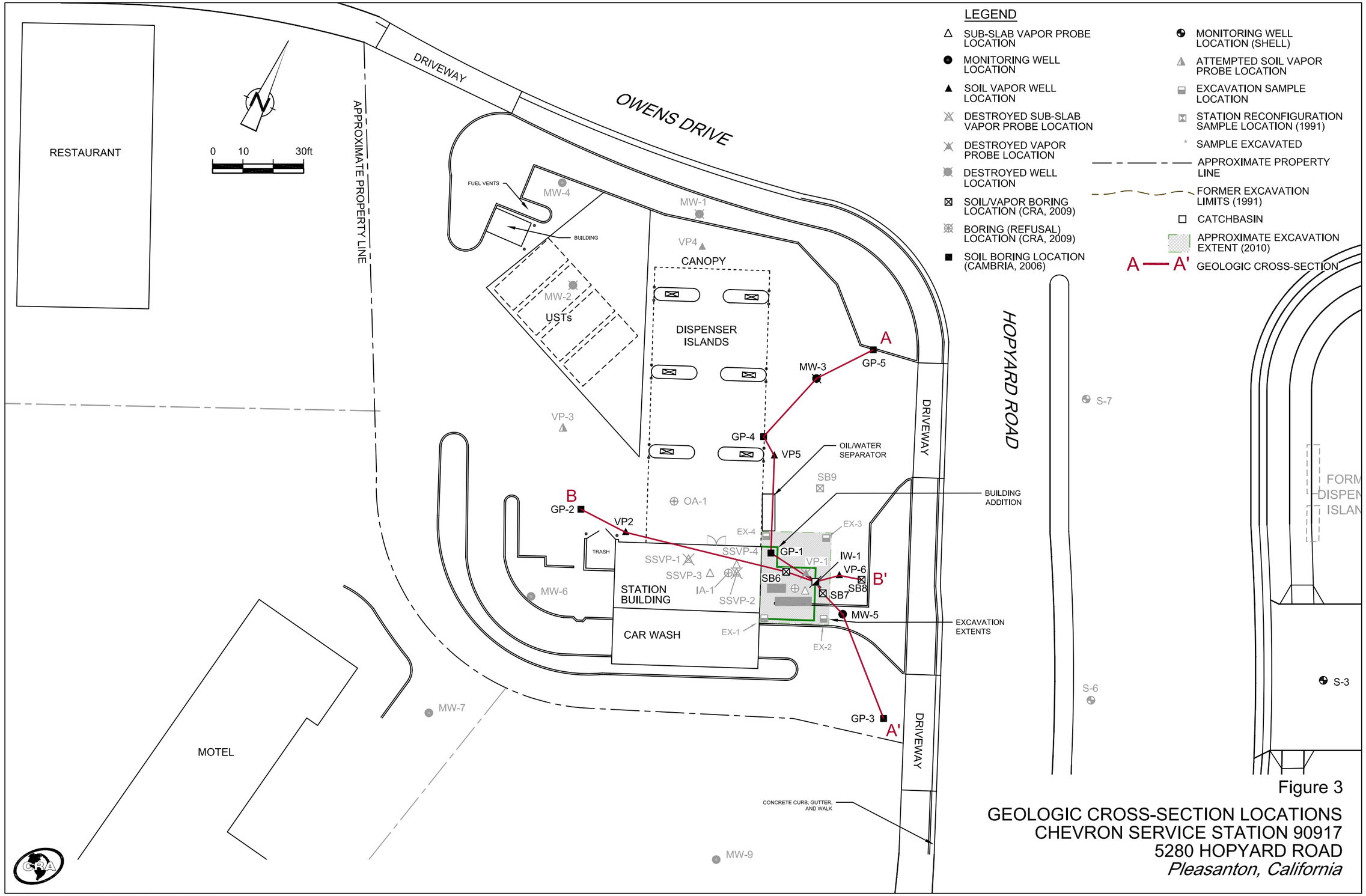
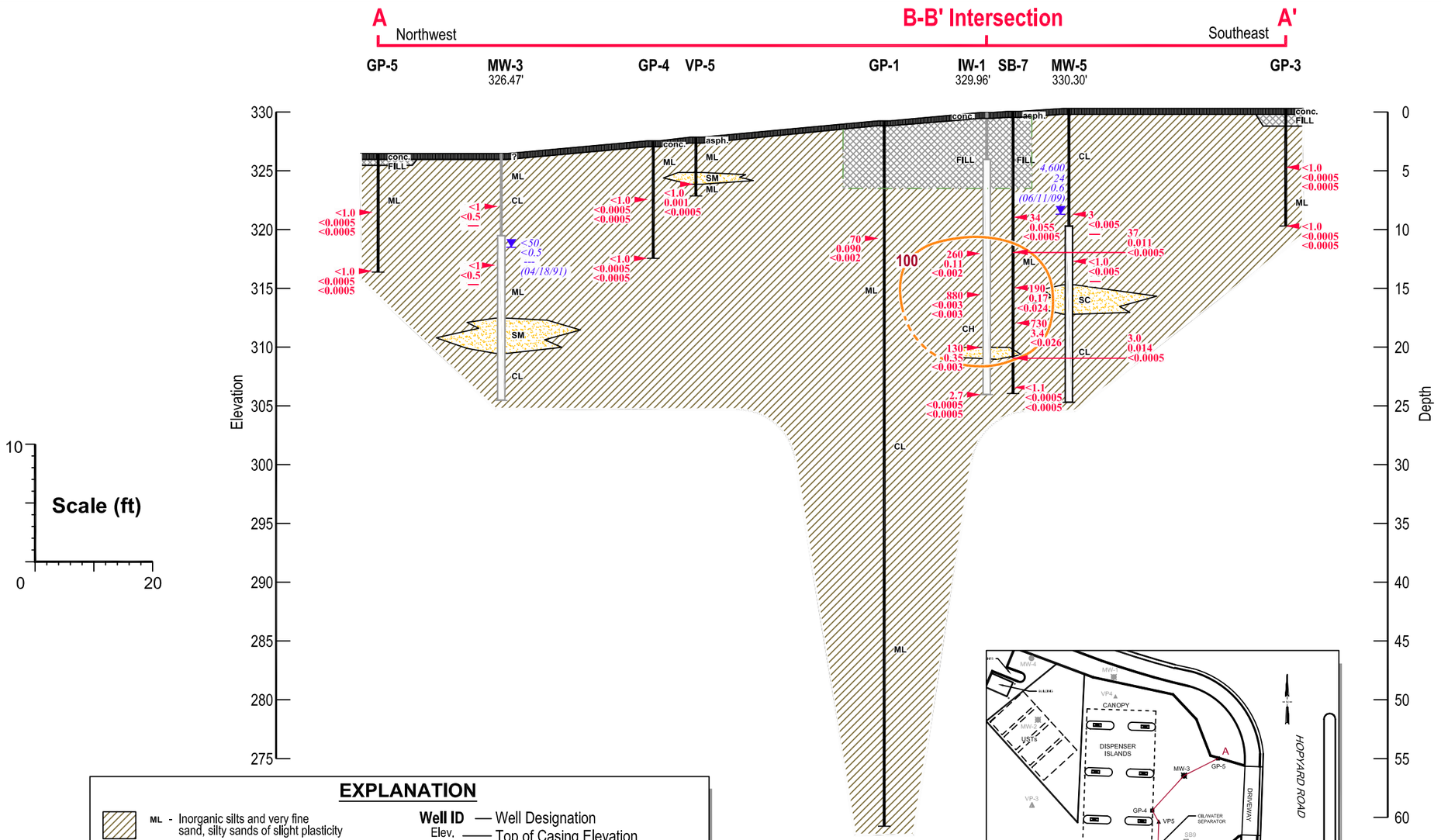
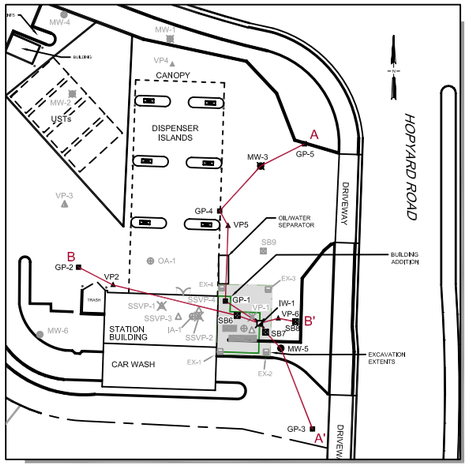


Figure 3

GEOLOGIC CROSS-SECTION LOCATIONS
CHEVRON SERVICE STATION 90917
5280 HOPYARD ROAD
Pleasanton, California





10
Scale (ft)
0
20

EXPLANATION

- ML - Inorganic silts and very fine sand, silty sands of slight plasticity
- CL - Inorganic clays of low plasticity, gravelly, sandy, or silty clays, lean clays
- MH - Elastic silts
- SM - Silty sands, >12% fines
- SC - Clayey sands, >12% fines
- = Post-Excavation Fill
- Approximate Excavation Extent (2010)
- 100 TPHG concentration contour line dashed where inferred
- TPHg / Benzene / MTBE — Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)
- Well ID — Well Designation
- Elev. — Top of Casing Elevation
- (offset)
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Approximate sample location
- Depth of Groundwater
- TPHg / Benzene / MTBE (Date) — Hydrocarbon concentrations in groundwater, in micrograms per liter (µg/L)

Figure 4

GEOLOGIC CROSS-SECTION A-A'
CHEVRON SERVICE STATION 90917
5280 HOPYARD ROAD
Pleasanton, California

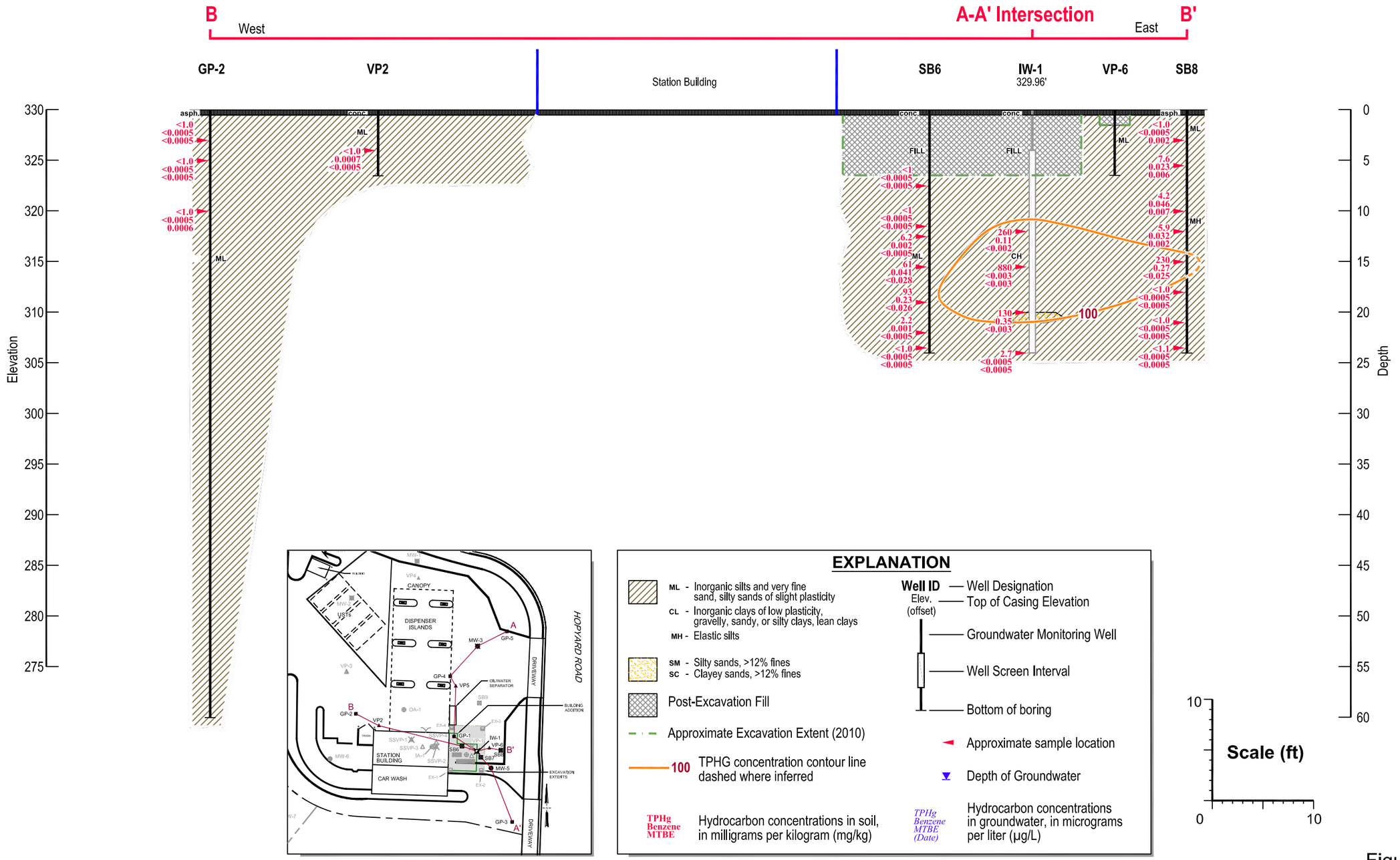


Figure 5

GEOLOGIC CROSS-SECTION B-B'
CHEVRON SERVICE STATION 90917
5280 HOPYARD ROAD
Pleasanton, California

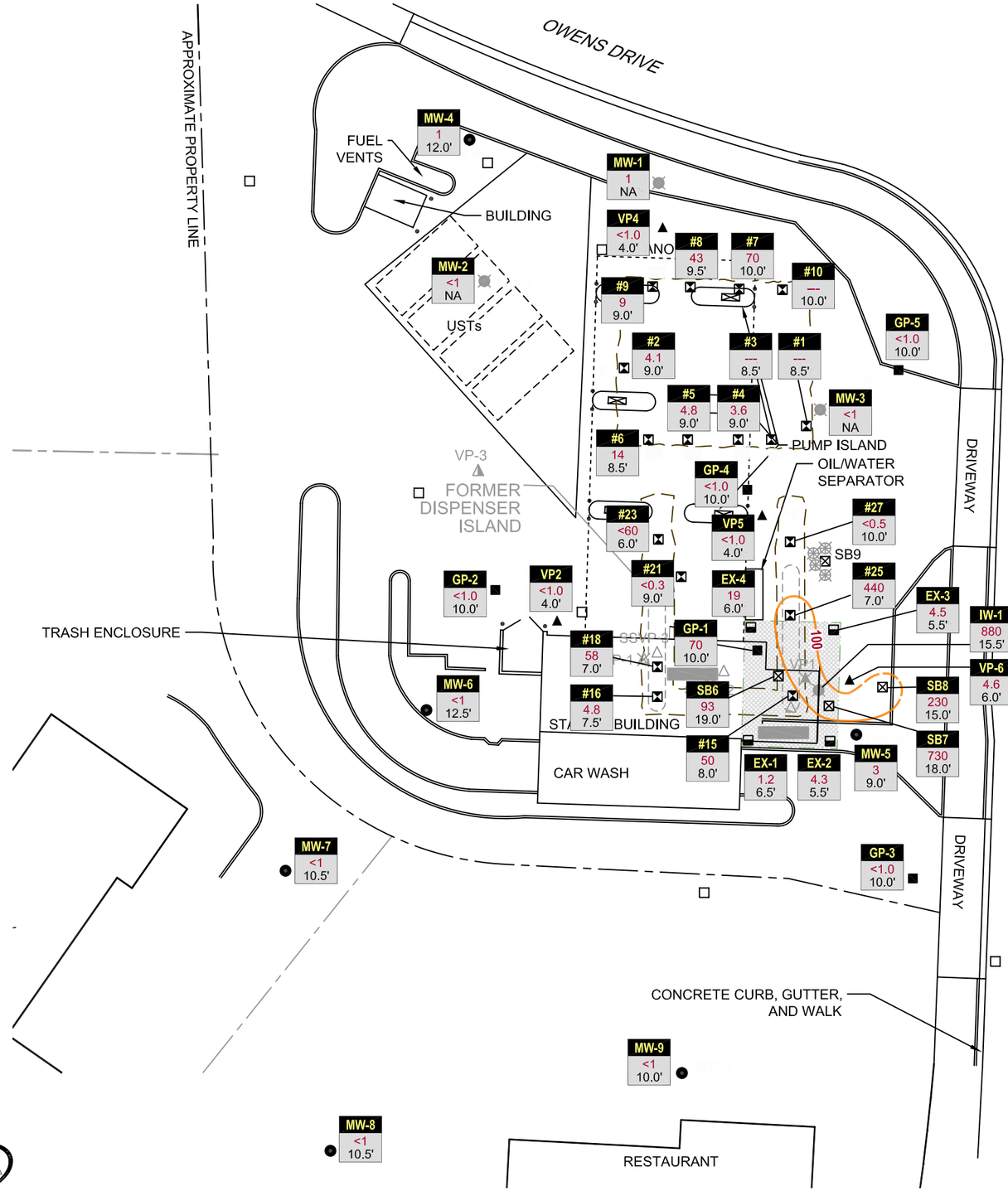


Figure 6

MAXIMUM TPHG CONCENTRATION REMAINING IN SOIL 0-20 FBG
CHEVRON SERVICE STATION 90917
5280 HOPYARD ROAD
Pleasanton, California

060057-2012(016)GN-EM006 MAY 17/2012

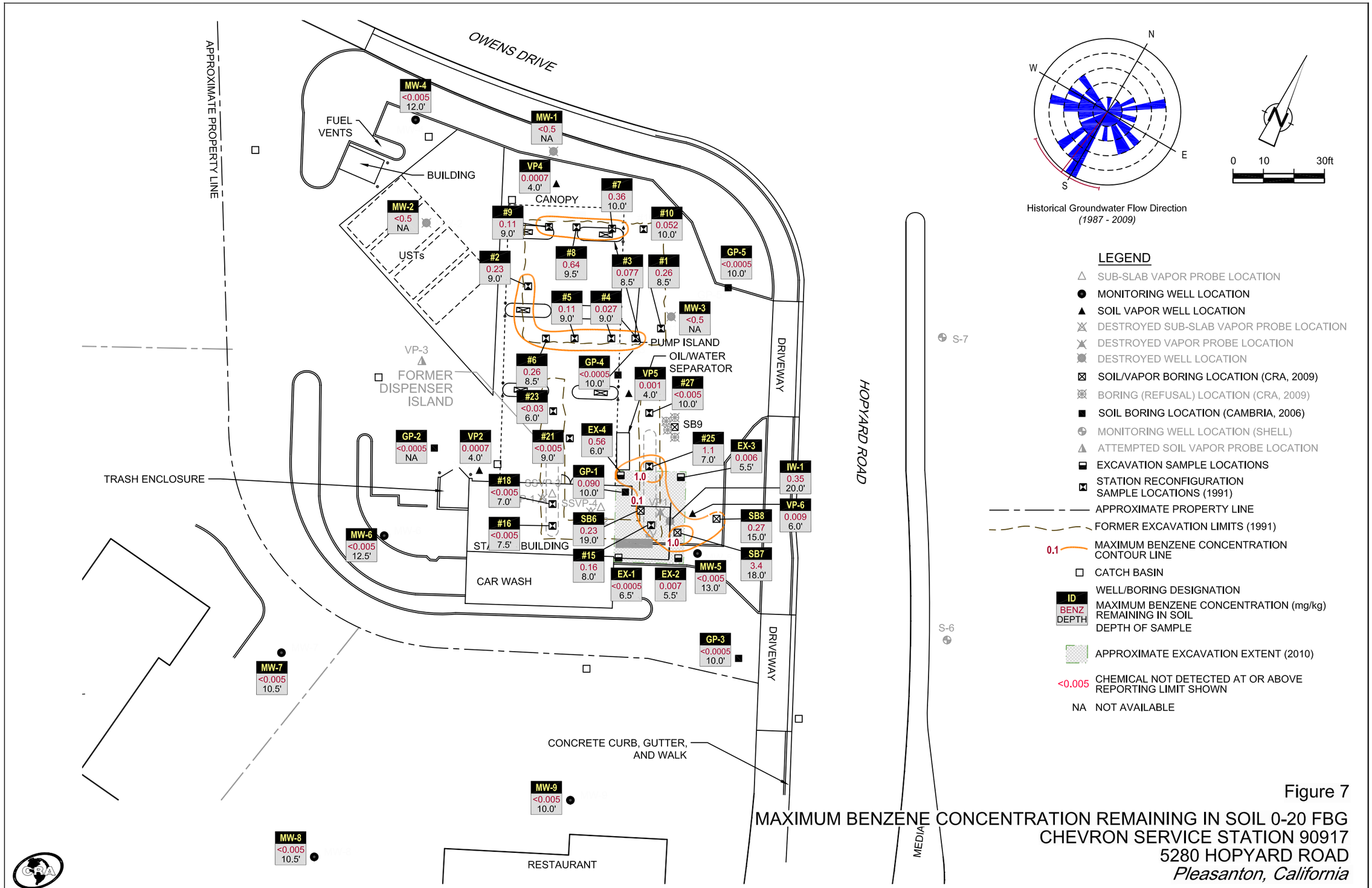


Figure 7

MAXIMUM BENZENE CONCENTRATION REMAINING IN SOIL 0-20 FBG
CHEVRON SERVICE STATION 90917
5280 HOPYARD ROAD
Pleasanton, California

060057-2012(016)GN-EM007 MAY 17/2012

RESTAURANT

0 10 30ft

DRIVEWAY

OWENS DRIVE

APPROXIMATE PROPERTY LINE

MW-4
<50
<0.5
3
2/19/09

MW-1

VP4

CANOPY

BUILDING

MW-2

USTs

FORMER
UST PIT

GP-5

MW-3

PUMP ISLAND

DRIVEWAY

VP3

GP-4

VP5

FORMER
SPENSER
ISLAND

GP-2 GGW 28.0	GP-2 GGW 51.0
110	<50
<0.5	<0.5
22	<0.5

GP-1 GGW 8.0	GP-1 GGW 36.0	GP-1 GGW 54.0
2,400	<50	<50
24	0.7	<0.5
<0.5	19	<0.5

VP2

VP1

IW-1

TRASH ENCLOSURE

MW-6
710
<0.5
2
6/11/09

STATION
BUILDING

CAR WASH

MW-5
4,600
24
0.6
6/11/09

GP-3

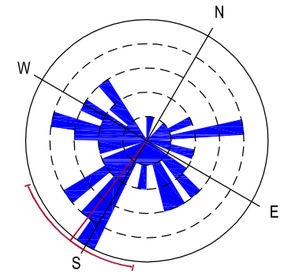
DRIVEWAY

MW-7
<50
<0.5
<0.5
6/11/09

CONCRETE CURB, GUTTER,
AND WALK

MW-9
<50
<0.5
<0.5
2/19/09

MW-8
<50
<0.5
<0.5
2/19/09



Historical Groundwater Flow Direction
(1987 - 2009)

S-7
<50
<0.50
21
7/28/11

HOPYARD ROAD

S-6
<50
<0.50
<1.0
2/1/11

D

LEGEND

GP-2 ■	SOIL BORING LOCATION
MW-1 ●	MONITORING WELL GRAB-GROUNDWATER SAMPLE LOCATION
S-8 ◒	MONITORING WELL LOCATION (SHELL)
MW-3 ☼	DESTROYED MONITORING WELL LOCATION
IW-1 ◪	REMEDIATION WELL LOCATION
V-1 ◭	VAPOR EXTRACTION WELL (SHELL)
VP1 ▲	SOIL VAPOR PROBE LOCATION
	FORMER EXCAVATION LIMITS
WELL TPHG BENZ MTBE DATE	WELL /BORING DESIGNATION TPHg CONCENTRATION (µg/L) BENZENE CONCENTRATION (µg/L) MTBE CONCENTRATION (µg/L) DATE
	APPROXIMATE EXCAVATION EXTENT (2010)
<0.5	CHEMICAL NOT DETECTED AT OR ABOVE REPORTING LIMIT SHOWN

Figure 8

TPHG, BENZENE, AND MTBE CONCENTRATIONS IN GROUNDWATER - 2009
CHEVRON STATION 90917
5280 HOPYARD ROAD
Pleasanton, California

060057-2012(016)GN-EM008 AUG 17/2012

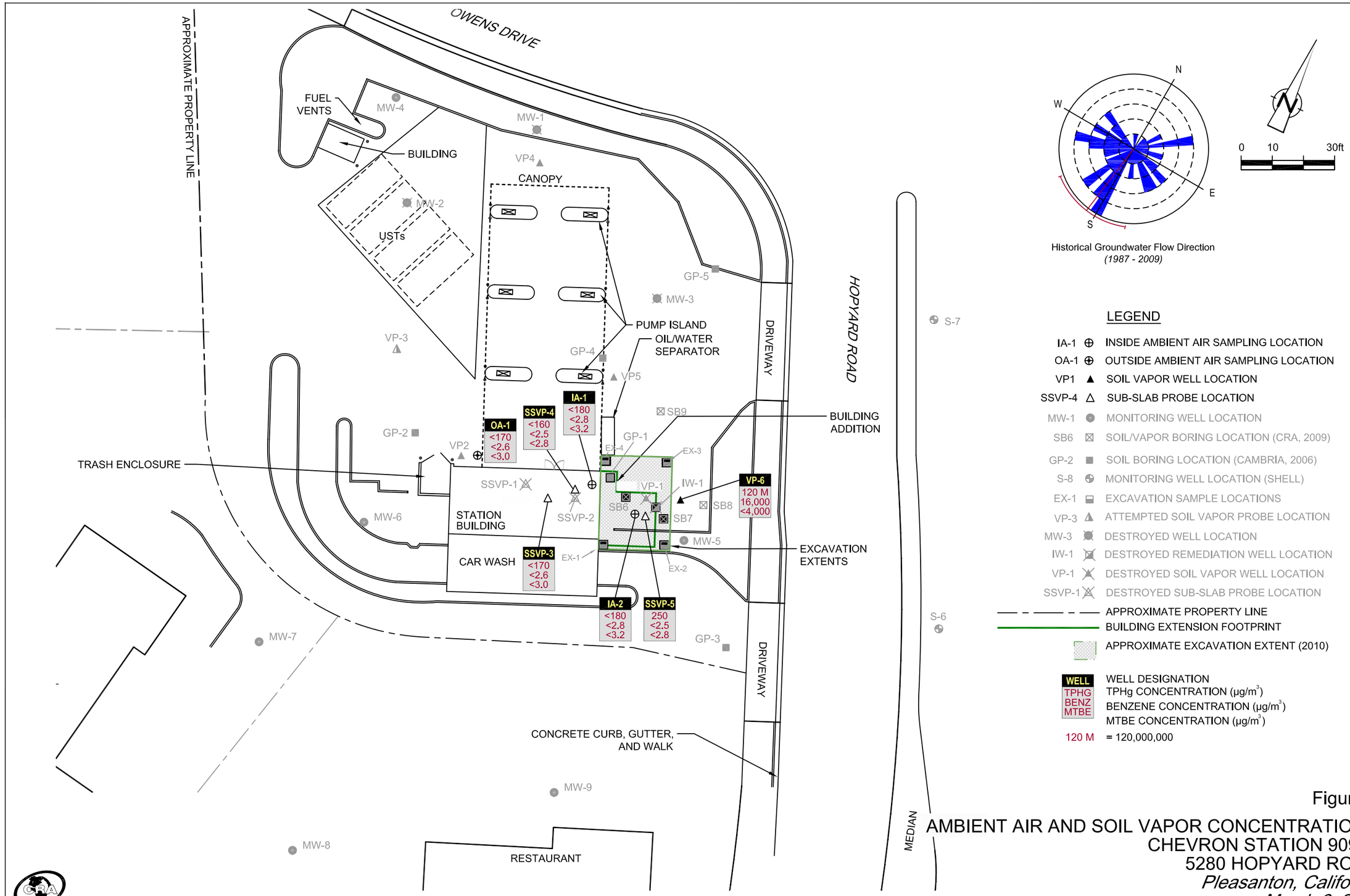


Figure 9

AMBIENT AIR AND SOIL VAPOR CONCENTRATIONS
CHEVRON STATION 90917
5280 HOPYARD ROAD
Pleasanton, California
March 6, 2012

060057-2012(016)GN-EM009 MAY 16/2012

TABLES

TABLE 1
CUMMULATIVE SOIL ANALYTICAL DATA
CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*DIPE*	*TAME*	*TBA*	*ETBE*	*EPA 8010 Compounds*	*Metals*	*Pb*
			← *Concentrations reported in milligrams per kilogram (mg/kg)* →														
ESL [1] Table G: Soil Leaching, Current or Potential Groundwater Resource			NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	0.075	NE	--	***Varies***	***200***
ESL Table K-2: Direct Exposure: Commercial/Industrial Worker			3,700	450	450	0.27	210	5.0	100	65	NE	NE	320,000	NE	Varies	Varies	750
ESL Table K-3: Direct Exposure: Construction/Trench Worker			12,000	4,200	4,200	12	650	210	420	2,800	NE	NE	320,000	NE	Varies	Varies	750
2010 CRA Soil Vapor Probe Re-Installation and Sampling Report																	
VP-6	06/16/10	6.0	--	--	4.6	0.009	<0.001	0.011	0.007	0.002	--	--	--	<0.001	--	--	--
2010 CRA Excavation - Area of Station Building Expansion																	
EX-1	02/24/10	6.5	--	<4.0	1.2	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.022	--	--	--	--
EX-2	02/24/10	5.5	--	<4.0	4.3	0.007	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.021	--	--	--	--
EX-3	02/24/10	5.5	--	<4.0	4.5	0.006	<0.001	0.001	0.002	0.004	<0.001	<0.001	<0.021	--	--	--	--
EX-4	02/24/10	6.0	--	<4.0	19	**0.56**	0.005	0.099	0.11	<0.0005	<0.001	<0.001	<0.020	--	--	--	--
2009 CRA Additional Assessment - Area of Planned Station Building Expansion																	
SB6	10/28/09	3.0	--	--	~~<1.1~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~<0.0005~~	--	--	--	--	--	--	--
SB6	10/28/09	7.5	--	--	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--
SB6	10/28/09	11.5	--	--	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--
SB6	10/28/09	12.5	--	--	6.2	0.002	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--
SB6	10/28/09	15.5	--	--	61	0.041	<0.056	<0.056	<0.056	<0.028	--	--	--				
SB6	10/28/09	19.0	--	--	**93**	**0.23**	<0.051	1.7	<0.051	<0.026	--	--	--	--	--	--	--
SB6	10/28/09	22.0	--	--	2.2	0.001	<0.001	0.013	<0.001	<0.0005	--	--	--	--	--	--	--

TABLE 1
CUMMULATIVE SOIL ANALYTICAL DATA
CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*DIPE*	*TAME*	*TBA*	*ETBE*	*EPA 8010 Compounds*	*Metals*	*Pb*
			← *Concentrations reported in milligrams per kilogram (mg/kg)* →														
ESL [1] Table G: Soil Leaching, Current or Potential Groundwater Resource			NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	0.075	NE	--	***Varies***	***200***
ESL Table K-2: Direct Exposure: Commercial/Industrial Worker			3,700	450	450	0.27	210	5.0	100	65	NE	NE	320,000	NE	Varies	Varies	750
ESL Table K-3: Direct Exposure: Construction/Trench Worker			12,000	4,200	4,200	12	650	210	420	2,800	NE	NE	320,000	NE	Varies	Varies	750
SB6	10/28/09	23.5	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--
														--	--	--	--
SB7	10/29/09	3.0	--	--	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~<0.0005~~	--	--	--	--	--	--	--
SB7	10/29/09	6.0	--	--	~~<1.1~~	~~0.0007~~	~~<0.0009~~	~~<0.0009~~	~~0.001~~	~~<0.0005~~	--	--	--	--	--	--	--
SB7	10/29/09	9.0	--	--	34	**0.055**	0.002	0.047	0.011	<0.0005	--	--	--	--	--	--	--
SB7	10/29/09	12.0	--	--	37	0.011	<0.001	0.033	<0.001	<0.0005	--	--	--	--	--	--	--
SB7	10/29/09	15.0	--	--	**190**	**0.17**	<0.049	1.0	<0.049	<0.024	--	--	--	--	--	--	--
SB7	10/29/09	18.0	--	--	**730**	**3.4**	<0.051	**14**	4.8	<0.026	--	--	--	--	--	--	--
SB7	10/29/09	21.0	--	--	3.0	0.014	<0.001	0.096	0.023	<0.0005	--	--	--	--	--	--	--
SB7	10/29/09	23.5	--	--	<1.1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--
SB8	10/29/09	3.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	0.002	--	--	--	--	--	--	--
SB8	10/29/09	5.5	--	--	7.6	0.023	0.001	0.007	0.004	0.006	--	--	--	--	--	--	--
SB8	10/29/09	10.0	--	--	4.2	**0.046**	<0.001	0.024	0.001	0.007	--	--	--	--	--	--	--
SB8	10/29/09	12.0	--	--	5.9	0.032	<0.001	0.063	0.001	0.002	--	--	--	--	--	--	--
SB8	10/29/09	15.0	--	--	**230**	**0.27**	<0.049	1.5	<0.049	<0.025	--	--	--	--	--	--	--
SB8	10/29/09	18.0	--	--	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--

TABLE 1
CUMMULATIVE SOIL ANALYTICAL DATA
CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*DIPE*	*TAME*	*TBA*	*ETBE*	*EPA 8010 Compounds*	*Metals*	*Pb*
			← *Concentrations reported in milligrams per kilogram (mg/kg)* →														
ESL [1] Table G: Soil Leaching, Current or Potential Groundwater Resource			NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	0.075	NE	--	***Varies***	***200***
ESL Table K-2: Direct Exposure: Commercial/Industrial Worker			3,700	450	450	0.27	210	5.0	100	65	NE	NE	320,000	NE	Varies	Varies	750
ESL Table K-3: Direct Exposure: Construction/Trench Worker			12,000	4,200	4,200	12	650	210	420	2,800	NE	NE	320,000	NE	Varies	Varies	750
SB8	10/29/09	21.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--
SB8	10/29/09	23.5	--	--	<1.1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--
2009 CRA Soil Vapor Probe Installation																	
VP1	01/27/09	4.0	--	--	~~**100**~~	~~**1.2**~~	~~<0.046~~	~~**2.4**~~	~~0.54~~	~~<0.023~~	--	--	--				
VP2	01/27/09	4.0	--	--	<1.0	0.0007	<0.001	<0.001	<0.001	<0.0005	--	--	--				
VP4	01/27/09	4.0	--	--	<1.0	0.0007	<0.0009	<0.0009	<0.0009	<0.0005	--	--	--				
VP5	01/27/09	4.0	--	--	<1.0	0.001	<0.0009	<0.0009	<0.0009	<0.0005	--	--	--				
2006 Cambria Injection Well Installation																	
IW-1	08/04/06	5.0	--	--	~~3.2~~	~~<0.0005~~	~~<0.001~~	~~0.003~~	~~<0.001~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.020~~	~~<0.001~~	--	--	--
IW-1	08/04/06	12.0	--	--	**260**	**0.11**	0.007	0.97	0.17	<0.002	<0.005	<0.005	<0.099	<0.005	--	--	--
IW-1	08/04/06	15.5	--	--	**880**	<0.003	0.007	**3.4**	1.6	<0.003	<0.005	<0.005	<0.10	<0.005	--	--	--
IW-1	08/04/06	20.0	--	--	**130**	**0.35**	<0.005	1.5	1.4	<0.003	<0.005	<0.005	<0.10	<0.005	--	--	--
IW-1	08/04/06	24.0	--	--	2.7	<0.0005	<0.001	0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--

TABLE 1
CUMMULATIVE SOIL ANALYTICAL DATA
CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*DIPE*	*TAME*	*TBA*	*ETBE*	*EPA 8010 Compounds*	*Metals*	*Pb*
			← *Concentrations reported in milligrams per kilogram (mg/kg)* →														
ESL [1] Table G: Soil Leaching, Current or Potential Groundwater Resource			NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	0.075	NE	--	***Varies***	***200***
ESL Table K-2: Direct Exposure: Commercial/Industrial Worker			3,700	450	450	0.27	210	5.0	100	65	NE	NE	320,000	NE	Varies	Varies	750
ESL Table K-3: Direct Exposure: Construction/Trench Worker			12,000	4,200	4,200	12	650	210	420	2,800	NE	NE	320,000	NE	Varies	Varies	750
2006 Cambria Subsurface Investigation																	
GP-1	02/09/06	5.0	--	--	~~110~~	~~0.026~~	~~<0.005~~	~~1.4~~	~~0.063~~	~~<0.003~~	~~<0.005~~	~~<0.005~~	~~0.1~~	~~0.005~~	--	--	--
GP-1	02/09/06	7.0	--	--	7.9	0.003	<0.001	0.003	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-1	02/09/06	10.0	--	--	70	**0.090**	<0.005	1.3	<0.005	<0.002	<0.005	<0.005	0.099	<0.005	--	--	--
GP-2	02/02/06	3.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-2	02/02/06	5.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-2	02/02/06	10.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	0.0006	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-3	02/02/06	5.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-3	02/02/06	10.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-4	02/02/06	5.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-4	02/02/06	10.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-5	02/02/06	5.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
GP-5	02/02/06	10.0	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.020	<0.001	--	--	--
1997 PEG Offsite Well Installation																	
MW-7	05/05/97	5.0	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.01	--	--	--	--	--	--	--
MW-7	05/05/97	10.5	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.01	--	--	--	--	--	--	--
MW-8	05/05/97	5.5	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.01	--	--	--	--	--	--	--
MW-8	05/05/97	10.5	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.01	--	--	--	--	--	--	--

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CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*DIPE*	*TAME*	*TBA*	*ETBE*	*EPA 8010 Compounds*	*Metals*	*Pb*
			← *Concentrations reported in milligrams per kilogram (mg/kg)* →														
ESL [1] Table G: Soil Leaching, Current or Potential Groundwater Resource			NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	0.075	NE	--	***Varies***	***200***
ESL Table K-2: Direct Exposure: Commercial/Industrial Worker			3,700	450	450	0.27	210	5.0	100	65	NE	NE	320,000	NE	Varies	Varies	750
ESL Table K-3: Direct Exposure: Construction/Trench Worker			12,000	4,200	4,200	12	650	210	420	2,800	NE	NE	320,000	NE	Varies	Varies	750
MW-9	05/05/97	5.0	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.01	--	--	--	--	--	--	--
MW-9	05/05/97	10.0	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.01	--	--	--	--	--	--	--
1991 GTI Well Replacement																	
MW-4	08/22/91	12.0	--	--	1	<0.005	0.010	<0.005	<0.005	--	--	--	--	--	--	--	--
MW-5	08/22/91	9.0	--	--	3	<0.005	0.022	<0.005	<0.005	--	--	--	--	--	--	--	--
MW-5	08/22/91	13.0	--	--	<1	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
MW-6	08/22/91	12.5	--	--	<1	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
1991 Station Reconfiguration (former UST excavation samples)																	
1	06/07/91	8.5	--	<1	--	**0.26**	0.015	0.009	0.008	--	--	--	--	--	--	--	--
2	06/07/91	9.0	--	--	4.1	**0.23**	0.047	0.31	0.16	--	--	--	--	--	--	--	--
3	06/07/91	8.5	--	<1	--	**0.077**	0.007	0.025	0.61	--	--	--	--	--	--	--	--
4	06/07/91	9.0	--	--	3.6	0.027	0.01	0.091	0.053	--	--	--	--	--	--	--	--
5	06/07/91	9.0	--	--	4.8	**0.11**	<0.005	0.16	0.18	--	--	--	--	--	--	--	--
6	06/07/91	8.5	--	--	14	**0.26**	0.08	<0.03	0.25	--	--	--	--	--	--	--	--
7	06/07/91	10.0	--	--	70	**0.36**	0.3	0.13	0.59	--	--	--	--	--	--	--	--
8	06/07/91	9.5	--	--	43	**0.64**	0.12	2.3	0.49	--	--	--	--	--	--	--	--
9	06/07/91	9.0	--	--	9	**0.11**	0.06	<0.03	0.17	--	--	--	--	--	--	--	--

TABLE 1
CUMMULATIVE SOIL ANALYTICAL DATA
CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*DIPE*	*TAME*	*TBA*	*ETBE*	*EPA 8010 Compounds*	*Metals*	*Pb*
			Concentrations reported in milligrams per kilogram (mg/kg)														
ESL [1] Table G: Soil Leaching, Current or Potential Groundwater Resource			NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	0.075	NE	--	***Varies***	***200***
ESL Table K-2: Direct Exposure: Commercial/Industrial Worker			3,700	450	450	0.27	210	5.0	100	65	NE	NE	320,000	NE	Varies	Varies	750
ESL Table K-3: Direct Exposure: Construction/Trench Worker			12,000	4,200	4,200	12	650	210	420	2,800	NE	NE	320,000	NE	Varies	Varies	750
10	06/07/91	10.0	--	<1	--	**0.052**	0.024	0.071	0.14	--	--	--	--	--	--	--	--
1991 Station Reconfiguration (product line samples)																	
~~14~~	06/07/91	2.0	--	~~<100~~	~~970~~	~~32~~	~~120~~	~~0.6~~	~~130~~	--	--	--	--	--	--	--	--
15	06/07/91	8.0	--	<1	50	**0.16**	0.25	0.14	0.27	--	--	--	--	--	--	--	--
16	06/07/91	7.5	--	--	4.8	<0.005	0.067	0.040	0.044	--	--	--	--	--	--	--	--
17	06/07/91	3.0	~~--~~	~~--~~	~~59~~	~~0.1~~	~~0.070~~	~~0.54~~	~~0.98~~	--	--	--	--	--	--	--	--
18	06/07/91	7.0	--	--	58	<0.005	0.090	0.45	1.4	--	--	--	--	--	--	--	--
19	06/07/91	3.0	~~--~~	~~--~~	~~<5~~	~~<0.005~~	~~0.010~~	~~<0.005~~	~~0.019~~	--	--	--	--	--	--	--	--
20	06/07/91	6.0	--	--	~~<0.3~~	~~<0.005~~	~~0.011~~	~~<0.005~~	~~<0.005~~	--	--	--	--	--	--	--	--
21	06/07/91	9.0	--	--	<0.3	<0.005	0.013	<0.005	0.008	--	--	--	--	--	--	--	--
22	06/07/91	3.0	--	~~--~~	~~<0.3~~	~~<0.005~~	~~0.035~~	~~<0.005~~	~~0.032~~	--	--	--	--	--	--	--	--
23	06/07/91	6.0	--	--	<60	<0.03	0.24	0.21	0.54	--	--	--	--	--	--	--	--
~~24~~	06/07/91	3.0	--	~~<1~~	~~53~~	~~**0.32**~~	~~0.42~~	~~0.22~~	~~3.1~~	--	--	--	--	--	--	--	--
25	06/07/91	7.0	--	<3	~~**440**~~	~~**1.1**~~	5.2	0.54	22	--	--	--	--	--	--	--	--
~~26~~	06/07/91	3.0	--	~~<4~~	~~**1,800**~~	~~**12**~~	~~15~~	~~**2.9**~~	~~**70**~~	--	--	--	--	--	--	--	--
27	06/07/91	10.0	--	8	<0.5	<0.005	0.017	<0.005	0.075	--	--	--	--	--	--	--	--

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CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*DIPE*	*TAME*	*TBA*	*ETBE*	*EPA 8010 Compounds*	*Metals*	*Pb*
			← *Concentrations reported in milligrams per kilogram (mg/kg)* →														
ESL [1] Table G: Soil Leaching, Current or Potential Groundwater Resource			NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	0.075	NE	--	***Varies***	***200***
ESL Table K-2: Direct Exposure: Commercial/Industrial Worker			3,700	450	450	0.27	210	5.0	100	65	NE	NE	320,000	NE	Varies	Varies	750
ESL Table K-3: Direct Exposure: Construction/Trench Worker			12,000	4,200	4,200	12	650	210	420	2,800	NE	NE	320,000	NE	Varies	Varies	750
1991 Station Reconfiguration (waste oil storage tank pit samples)																	
WoM (28)	06/07/91	9.0	<50	<1	4	**0.051**	0.054	0.011	0.13	--	--	--	--	--	ND	b	<0.1
1989 GTI Well Installation																	
MW1A	07/13/89	4.5	--	--	<1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.25
MW1B	07/13/89	9.5	--	--	1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.25
MW2A	07/13/89	4.5	--	--	<1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.25
MW2B	07/13/89	9.5	--	--	<1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.25
MW3A	07/13/89	4.5	--	--	<1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.25
MW3B	07/13/89	9.5	--	--	<1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.25

TABLE 1
CUMMULATIVE SOIL ANALYTICAL DATA
CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DIPE	TAME	TBA	ETBE	EPA 8010 Compounds	Metals	Pb
			← Concentrations reported in milligrams per kilogram (mg/kg) →														
ESL [1] Table G: Soil Leaching, Current or Potential Groundwater Resource			NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	0.075	NE	--	***Varies***	***200***
ESL Table K-2: Direct Exposure: Commercial/Industrial Worker			3,700	450	450	0.27	210	5.0	100	65	NE	NE	320,000	NE	Varies	Varies	750
ESL Table K-3: Direct Exposure: Construction/Trench Worker			12,000	4,200	4,200	12	650	210	420	2,800	NE	NE	320,000	NE	Varies	Varies	750

Abbreviations/Notes:

Total oil and grease (TOG) analyzed by EPA Method 8015, unless otherwise noted.

Total petroleum hydrocarbons as diesel (TPHd), analyzed by GC FID/3550 (1991) or by EPA Method 8015 (2009).

Total petroleum hydrocarbons as gasoline (TPHg) analyzed by EPA Method 8015 unless otherwise noted.

Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; before 2009, analyzed by EPA Method 8020 unless otherwise noted.

Methyl tertiary-butyl ether (MTBE), di-isopropyl ether (DIPE), t-amyl methyl ether (TAME), tert-butyl alcohol (TBA), and ethyl tertiary butyl ether (ETBE)analyzed by EPA Method 8260B, unless otherwise noted.

EPA 8010 Compounds = As reported in August 2, 1991 *Tank Removal and Replacement* report. Specific constituents and detection limits not originally reported.

fbg = feet below grade.

[1] Environmental Screening Levels (ESLs). Source: *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* by the California Regional Water Quality Control Board (RWQCB), San Francisco Bay Region Interim Final November 2007, revised May 2008.

-- = not analyzed or not applicable.

<X = Not detected at or above reporting limit X.

ND = Not detected; detection limit unknown.

b = <1.0 mg/kg Antimony, 1.6 mg/lg barium, <0.05 mg/kg cadmium, <0.1 mg/kg chromium VI, <0.1 mg/kg lead, <0.01 mg/kg mercury, <0.1 mg/kg selenium, <0.1 mg/kg silver by EPA Method 6010 except lead by California DHS, and mercury by EPA Method 7470.

Bold = Concentration exceeds applicable ESL.

~~100~~ = Over-excavated sample location.

TABLE 2
CUMULATIVE GRAB-GROUNDWATER ANALYTICAL DATA
CHEVRON SERVICE STATION 90917
5280 HOPYARD RD.
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*	*Ethanol*
			Concentrations reported in micrograms per liter (µg/L)												
ESL [1] Table F-1a: Potential Drinking Water Resource			*100*	*1*	*40*	*30*	*20*	*5*	*12*	*NE*	*NE*	*NE*	*0.5*	*0.05*	*NE*
ESL Table E-1: Evaluation of Potential Vapor Intrusion Concerns - Residential			*Use Soil Gas*	*540*	*380,000*	*170,000*	*160,000*	*24,000*	*Use Soil Gas*	*NE*	*NE*	*NE*	*200*	*150*	*NE*
2009 CRA Additional Assessment - Area of Planned Station Building Expansion															
SB-6	10/28/2009	9.0	**620**	**33**	<0.5	16	<0.5	<0.5	--	--	--	--	--	--	--
SB-7	10/29/2009	9.0	**1,400**	**25**	6	25	6	<0.5	--	--	--	--	--	--	--
2006 Cambria Subsurface Investigation															
GP-1	2/9/2006	8.0	**2,400**	**24**	<0.5	**98**	0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
GP-1	2/9/2006	36.0	<50	0.7	<0.5	2	<0.5	19	<5	<0.5	<0.5	3	<0.5	<0.5	<50
GP-1	2/9/2006	54.0	<50	<0.5	<0.5	1	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
GP-2	2/10/2006	28.0	**110**	<0.5	<0.5	2	<0.5	22	<5	<0.5	<0.5	0.7	<0.5	<0.5	<50
GP-2	2/10/2006	51.0	<50	<0.5	<0.5	2	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
GP-3	2/2/2006	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
GP-4	2/2/2006	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
GP-5	2/2/2006	--	<50	<0.5	<0.5	<0.5	<0.5	1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<50

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) analyzed by EPA Method 8015M.

Benzene, toluene, ethylbenzene and xylenes (BTEX)analyzed by EPA Method 8260B

Methyl tertiary-butyl ether (MTBE), di-isopropyl ether (DIPE), t-Amyl methyl ether (TAME), t-Butyl alcohol (TBA), ethyl tertiary-butyl ether (ETBE), 1,2-Dichloroethane (1,2-DCA) and 1,2-Dibromoethane (EDB) analyzed by EPA Method 8260B.

[1] Environmental Screening Levels (ESLs). Source: Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater prepared by the California Regional Water Quality Control Board, San Francisco Bay Region Interim Final November 2007, revised May 2008.

fbg = Feet below grade.

<X = Not detected at or above reporting limit X.

Bold = Value exceeds applicable ESL.

TABLE 3

CUMMULATIVE VAPOR ANALYTICAL DATA
CHEVRON STATION 90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Sample Depth (fbg)*	*TPHg (by TO-3) ($\mu g/m^3$)*	*TPHg (by TO-15) ($\mu g/m^3$)*	*Benzene ($\mu g/m^3$)*	*Toluene ($\mu g/m^3$)*	*Ethyl-benzene ($\mu g/m^3$)*	*Total Xylenes[1] ($\mu g/m^3$)*	*MTBE ($\mu g/m^3$)*	*Naph-thalene ($\mu g/m^3$)*	*Helium (% Vol)*	*Oxygen (% Vol)*	*Methane (% Vol)*	*CO_2 (% Vol)*	*N_2 (% Vol)*	*Hydrogen Sulfide (ppbv)*	*Carbonyl Sulfide (ppbv)*	*Thiophene (ppbv)*
ESL[2] Table E-2: Shallow Soil Gas (Commercial/Industrial Land Use)			*29,000*	*29,000*	*280*	*180,000*	*3,300*	*58,000*	*31,000*	*240*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
ESL Table E-2: Shallow Soil Gas (Residential Exposure)			*10,000*	*10,000*	*84*	*63,000*	*980*	*21,000*	*9,400*	*72*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
ESL Table E-3 - Ambient and Indoor Air (Commercial/Industrial Land Use)			*14*	*14*	*0.14*	*88*	*1.6*	*29*	*16*	*0.12*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
ESL Table E-3 - Ambient and Indoor Air (Residential Exposure)			*10*	*10*	*0.084*	*63*	*0.98*	*21*	*9.4*	*0.072*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
2012 CRA Soil Vapor and Sub-Slab Vapor Sampling																		
VP-6	03/06/12	5.5	--	**120,000,000**	**16,000**	<4,200	<4,900	<4,900	<4,000	<23,000	<0.11	9.4	32	9.1	48	--	--	--
VP-6 DUP	03/06/12	5.5	--	**180,000,000**	**21,000**	<3,200	<3,600	<3,600	<3,000	<18,000	<0.084	0.81	42	12	43	--	--	--
SSVP-3	03/06/12	0.5	--	<170	<2.6	<3.1	<3.6	<3.6	<3.0	<17	<0.11	20	<0.00022	0.60	79	--	--	--
SSVP-4	03/06/12	0.5	--	<160	<2.5	<2.9	<3.4	<3.4	<2.8	<16	<0.10	20	<0.00021	0.19	80	--	--	--
SSVP-5	03/06/12	0.5	--	250	<2.5	<2.9	<3.4	<3.4	<2.8	<16	<0.10	19	0.00040	<0.020	81	--	--	--
IA-1	03/06/12	--	--	<180	<2.8	<3.3	<3.8	<3.8	<3.2	<18	<0.088	22	0.00021	0.056	78	--	--	--
IA-2	03/06/12	--	--	<180	<2.8	<3.3	<3.8	<3.8	<3.2	<18	<0.088	22	0.00020	0.054	78	--	--	--
OA-1	03/06/12	--	--	<170	<2.6	3.8	<3.6	<3.6	<3.0	<17	<0.082	22	0.00022	0.046	78	--	--	--
2010 CRA Soil Vapor Probe Re-Installation and Sampling Report																		
VP-6	07/13/10	5.5	--	**61,000,000**	**48,000**	<9,100	<10,000	<10,000	<8,700	<51,000	<0.12	2.0	22	9.8	65	--	--	--
SSVP-3	07/14/10	0.5	--	<250	<3.9	<4.6	<5.2	<5.2	<4.4	<25	<0.12	20	<0.00024	0.60	79	--	--	--
SSVP-4	07/14/10	0.5	--	1,300	<3.6	<4.2	<4.9	<4.9	<4.0	<23	<0.11	19	<0.00022	0.34	81	--	--	--
SSVP-5	07/14/10	0.5	--	2,100	<3.6	<4.2	<4.9	<4.9	<4.0	<23	<0.23	14	0.0026	<0.045	86	--	--	--
IA-1	07/14/10	--	--	410	<3.6	4.2	<4.9	<4.9	<4.0	<23	<0.15	24	0.00042	0.079	76	--	--	--
IA-1	LAB DUPLICATE		--	--	--	--	--	--	--	--	<0.15	25	0.00042	0.082	75	--	--	--
IA-1 DUP	07/14/10	--	--	<220	<3.5	4.4	<4.8	<4.8	<4.0	<23	<0.18	22	<0.00035	0.080	78	--	--	--

TABLE 3

CUMMULATIVE VAPOR ANALYTICAL DATA
CHEVRON STATION 90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Sample Depth (fbg)*	*TPHg (by TO-3) ($\mu g/m^3$)*	*TPHg (by TO-15) ($\mu g/m^3$)*	*Benzene ($\mu g/m^3$)*	*Toluene ($\mu g/m^3$)*	*Ethyl-benzene ($\mu g/m^3$)*	*Total Xylenes[1] ($\mu g/m^3$)*	*MTBE ($\mu g/m^3$)*	*Naph-thalene ($\mu g/m^3$)*	*Helium (% Vol)*	*Oxygen (% Vol)*	*Methane (% Vol)*	*CO_2 (% Vol)*	*N_2 (% Vol)*	*Hydrogen Sulfide (ppbv)*	*Carbonyl Sulfide (ppbv)*	*Thiophene (ppbv)*
ESL[2] Table E-2: Shallow Soil Gas (Commercial/Industrial Land Use)			*29,000*	*29,000*	*280*	*180,000*	*3,300*	*58,000*	*31,000*	*240*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
ESL Table E-2: Shallow Soil Gas (Residential Exposure)			*10,000*	*10,000*	*84*	*63,000*	*980*	*21,000*	*9,400*	*72*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
ESL Table E-3 - Ambient and Indoor Air (Commercial/Industrial Land Use)			*14*	*14*	*0.14*	*88*	*1.6*	*29*	*16*	*0.12*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
ESL Table E-3 - Ambient and Indoor Air (Residential Exposure)			*10*	*10*	*0.084*	*63*	*0.98*	*21*	*9.4*	*0.072*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
IA-2	07/14/10	--	--	<240	<3.7	4.9	<5.0	<5.0	<4.2	<24	<0.12	21	<0.00023	0.098	79	--	--	--
OA-1	07/14/10	--	--	<220	<3.4	<4.1	<4.7	<4.7	<3.9	<23	<0.11	22	0.00022	0.041	78	--	--	--
OA-1	LAB DUPLICATE		--	<220	<3.4	<4.1	<4.7	<4.7	<3.9	<23	--	--	--	--	--	--	--	--
2009 Sub-Slab Vapor Sampling																		
SSVP-1	11/25/09	--	--	140	<3.9	<4.6	<5.2	<5.2	<4.4	<25	0.25	20	<0.00024	0.66	79	--	--	--
SSVP-2	11/25/09	--	--	6,700	<3.9	<4.6	<5.2	<5.2	<4.4	<25	1.9	20	0.00061	0.39	78	--	--	--
IA-1	11/25/09	--	--	250	<3.5	11	<4.8	5.9	<4.0	<23	<0.11	20	0.00026	0.080	80	--	--	--
IA-1	LAB DUPLICATE		--	--	--	--	--	--	--	--	<0.11	20	0.00026	0.080	80	--	--	--
OA-1	11/25/09	--	--	290	<3.5	7.6	<4.8	4.9	<4.0	<23	<0.11	22	0.00028	0.064	78	--	--	--
OA-1 DUP	11/25/09	--	--	180	<3.9	7.8	<5.2	8.1	<4.4	<25	<0.12	21	0.00027	0.057	79	--	--	--
OA-1	LAB DUPLICATE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2009 CRA Additional Assessment - Area of Planned Station Building Expansion																		
SB6	10/29/09	6	--	<970	<38	<45	<52	<52	<43	<250	<0.12	20	<0.00024	2.0	--	--	--	--
SB8	10/29/09	6	--	**130,000,000**	**23,000**	<4,500	<5,200	<5,200	<4,300	<25,000	<0.12	6.6	38	11	--	--	--	--
SB8 DUP	10/29/09	6	--	**120,000,000**	**22,000**	<4,500	<5,200	<5,200	<4,300	<25,000	<0.12	6.8	38	11	--	--	--	--
SB9	10/29/09	6	--	**260,000**	190	120	500	71	<43	**420**	<0.12	21	0.054	0.32	--	--	--	--

TABLE 3

CUMMULATIVE VAPOR ANALYTICAL DATA
CHEVRON STATION 90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Sample Depth (fbg)*	*TPHg (by TO-3) ($\mu g/m^3$)*	*TPHg (by TO-15) ($\mu g/m^3$)*	*Benzene ($\mu g/m^3$)*	*Toluene ($\mu g/m^3$)*	*Ethyl-benzene ($\mu g/m^3$)*	*Total Xylenes[1] ($\mu g/m^3$)*	*MTBE ($\mu g/m^3$)*	*Naph-thalene ($\mu g/m^3$)*	*Helium (% Vol)*	*Oxygen (% Vol)*	*Methane (% Vol)*	*CO_2 (% Vol)*	*N_2 (% Vol)*	*Hydrogen Sulfide (ppbv)*	*Carbonyl Sulfide (ppbv)*	*Thiophene (ppbv)*
ESL[2] Table E-2: Shallow Soil Gas (Commercial/Industrial Land Use)			***29,000***	***29,000***	***280***	***180,000***	***3,300***	***58,000***	***31,000***	***240***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***
ESL Table E-2: Shallow Soil Gas (Residential Exposure)			***10,000***	***10,000***	***84***	***63,000***	***980***	***21,000***	***9,400***	***72***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***
ESL Table E-3 - Ambient and Indoor Air (Commercial/Industrial Land Use)			***14***	***14***	***0.14***	***88***	***1.6***	***29***	***16***	***0.12***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***
ESL Table E-3 - Ambient and Indoor Air (Residential Exposure)			***10***	***10***	***0.084***	***63***	***0.98***	***21***	***9.4***	***0.072***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***	***NE***
2009 Soil Vapor Probe Installation																		
VP1	02/02/09	6 - 6.5	**120,000,000**	--	**960,000**	5,400	470,000	**84,000**	<4,500	<26,000	0.35	5.0	34	5.9	--	--	--	--
VP1 DUPLICA	02/02/09	6 - 6.5	**120,000,000**	--	**750,000**	<4,600	320,000	54,000	<4,400	<26,000	0.34	4.9	33	5.8	--	--	--	--
VP1 RESAMPL	02/02/09	6 - 6.5	**200,000,000**	--	**840,000**	<4,600	400,000	**87,000**	<4,400	<26,000	<0.12	2.9	57	6.7	--	--	--	--
VP1	05/14/09	6 - 6.5	**190,000,000**	**140,000,000**	**1,500,000**	<13,000	98,000	55,000	<12,000	<70,000	<0.34	1.4	26	12	57	6.1	15	8.0
VP1 DUPLICA	05/14/09	6 - 6.5	**200,000,000**	**160,000,000**	**1,500,000**	<12,000	95,000	**59,000**	<12,000	<69,000	<0.33	0.96	26	12	58	--	--	--
VP1 RESAMPL	05/14/09	6 - 6.5	**120,000,000**	**110,000,000**	**980,000**	<8,400	180,000	**66,000**	<8,000	<47,000	<0.22	11	23	7.5	56	--	--	--
VP2	02/02/09	6 - 6.5	**36,000**	--	**280**	89	150	180	<6.8	<40	<0.44	6.5	0.012	6.3	--	--	--	--
VP2	LAB DUPLICATE		**36,000**	--	**280**	91	160	190	<14	<79	--	--	--	--	--	--	--	--
VP2	05/14/09	6 - 6.5	17,000	13,000	150	400	54	490	23	82J	<0.22	1.4	0.0051	20	78	--	--	--
VP4	02/02/09	5 - 5.5	4,700	--	26	24	120	88	<4.2	<24	<0.12	9.3	0.00030	8.1	--	--	--	--
VP4	05/14/09	5 - 5.5	1,800	1,100	9	<4.5	<5.2	10	<4.3	<25UJ	<0.12	5.9	0.00037	11	83	--	--	--
VP5	02/02/09	5 - 5.5	**890,000**	--	230	350	<50	110	<41	<240	<0.12	1.7	5.2	2.2	--	--	--	--
VP5	LAB DUPLICATE		**--**	--	**--**	**--**	**--**	**--**	**--**	**--**	<0.12	1.7	5.2	2.2	--	--	--	--
VP5	05/14/09	5 - 5.5	**1,100,000**	**1,200,000**	**1,400**	<530	<610	<610	<510	<3,000	<0.11	1.4	6.0	4.7	88	1300	<4.0	<4.0

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) analyzed by EPA Methods TO-3 and TO-15.

Benzene, toluene, ethylbenzene, xylenes (BTEX), methyl-tertiary butyl ether (MTBE), and naphthalene analyzed by EPA Method TO-15.

Helium, oxygen, methane, carbon dioxide (CO_2), and nitrogen (N_2) analyzed by ASTM D-1946.

Full suite of mercaptnas were analyzed by ASTM D-5504; only detected compounds (i.e., hydrogen sulfide, carbonyl sulfide and thiophene) are reported.

fbg = Feet below grade.

TABLE 3

CUMMULATIVE VAPOR ANALYTICAL DATA
CHEVRON STATION 90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	Date	Sample Depth (fbg)	TPHg (by TO-3) ($\mu g/m^3$)	TPHg (by TO-15) ($\mu g/m^3$)	Benzene ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	Ethyl-benzene ($\mu g/m^3$)	Total Xylenes[1] ($\mu g/m^3$)	MTBE ($\mu g/m^3$)	Naph-thalene ($\mu g/m^3$)	Helium (% Vol)	Oxygen (% Vol)	Methane (% Vol)	CO_2 (% Vol)	N_2 (% Vol)	Hydrogen Sulfide (ppbv)	Carbonyl Sulfide (ppbv)	Thiophene (ppbv)
ESL[2] Table E-2: Shallow Soil Gas (Commercial/Industrial Land Use)			29,000	29,000	280	180,000	3,300	58,000	31,000	240	NE	NE	NE	NE	NE	NE	NE	NE
ESL Table E-2: Shallow Soil Gas (Residential Exposure)			10,000	10,000	84	63,000	980	21,000	9,400	72	NE	NE	NE	NE	NE	NE	NE	NE
ESL Table E-3 - Ambient and Indoor Air (Commercial/Industrial Land Use)			14	14	0.14	88	1.6	29	16	0.12	NE	NE	NE	NE	NE	NE	NE	NE
ESL Table E-3 - Ambient and Indoor Air (Residential Exposure)			10	10	0.084	63	0.98	21	9.4	0.072	NE	NE	NE	NE	NE	NE	NE	NE

$\mu g/m^3$ = Micrograms per cubic meter.

% Vol. = Percent Volume.

ppbv = Parts per billion volume.

<X = Not detected at or above reporting limit X.

-- = not analyzed or not applicable.

[1] Highest xylene, either m, p-xylene, or o-xylene, concentration reported.

[2] Environmental Screening Levels (ESLs). Source: Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater prepared by the California Regional Water Quality Control Board, San Francisco Bay Region Interim Final November 2007, revised May 2008.

J = Estimated value due to bias in the CCV.

UJ = Non-detected compound associate with low bias in the CCV.

NE = Not established.

Bold = Concentration exceeds applicable ESL.

TABLE 4
LOW THREAT POLICY SOIL DATA COMPARISON
CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Sample Date*	*Depth (fbg)*	*Benzene (mg/kg)*	*Ethyl-benzene (mg/kg)*
		Low Threat Policy Criteria		
Residential				
0 to 5 fbg			1.9	***21***
Volatilization to outdoor air -5 to 10 fbg			2.8	***32***
Commerical				
0 to 5 fbg			***8.2***	***89***
Volatilization to outdoor air -5 to 10 fbg			***12***	***134***
Utility Worker				
0 to 10 fbg			14	***314***
Investigations				
VP-6	06/16/10	6.0	0.009	0.011
EX-2	02/24/10	5.5	0.007	<0.001
EX-3	02/24/10	5.5	0.006	0.001
EX-4	02/24/10	6.0	0.56	0.099
SB7	10/29/09	9.0	0.055	0.047
SB8	10/29/09	5.5	0.023	0.007
SB8	10/29/09	10.0	0.046	0.024
VP2	01/27/09	4.0	0.0007	<0.001
VP4	01/27/09	4.0	0.0007	<0.0009
VP5	01/27/09	4.0	0.001	<0.0009
GP-1	02/09/06	7.0	0.003	0.003
GP-1	02/09/06	10.0	0.090	1.3
1991 Station Reconfiguration (former UST excavation samples)				
1	06/07/91	8.5	0.26	0.009
2	06/07/91	9.0	0.23	0.31
3	06/07/91	8.5	0.077	0.025
4	06/07/91	9.0	0.027	0.091
5	06/07/91	9.0	0.11	0.16
6	06/07/91	8.5	0.26	<0.03
7	06/07/91	10.0	0.36	0.13
8	06/07/91	9.5	0.64	2.3
9	06/07/91	9.0	0.11	<0.03
10	06/07/91	10.0	0.052	0.071
1991 Station Reconfiguration (product line samples)				
15	06/07/91	8.0	0.16	0.14
16	06/07/91	7.5	<0.005	0.040
18	06/07/91	7.0	<0.005	0.45
23	06/07/91	6.0	<0.03	0.21
25	06/07/91	7.0	1.1	0.54
1991 Station Reconfiguration (waste oil storage tank pit samples)				
WoM (28)	06/07/91	9.0	0.051	0.011

TABLE 4
LOW THREAT POLICY SOIL DATA COMPARISON
CHEVRON STATION #90917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

Sample ID	*Sample Date*	*Depth (fbg)*	*Benzene (mg/kg)*	*Ethyl-benzene (mg/kg)*
		Low Threat Policy Criteria		
Residential				
0 to 5 fbg			1.9	***21***
Volatilization to outdoor air -5 to 10 fbg			2.8	***32***
Commerical				
0 to 5 fbg			***8.2***	***89***
Volatilization to outdoor air -5 to 10 fbg			***12***	***134***
Utility Worker				
0 to 10 fbg			14	***314***

Abbreviations/Notes:

The table presents soil concentrations detected between 0 and 10 fbg.
Benzene and ethylbenzene analyzed by EPA Method 8260B; before 2009, analyzed by EPA Method 8020 unless otherwise noted.
fbg = feet below grade.
mg/kg = milligrams per kilogram
<X = Not detected at or above reporting limit X.

APPENDIX A

BORING LOGS

GROUNDWATER TECHNOLOGY, INC.

Monitoring Well 1

Drilling Log

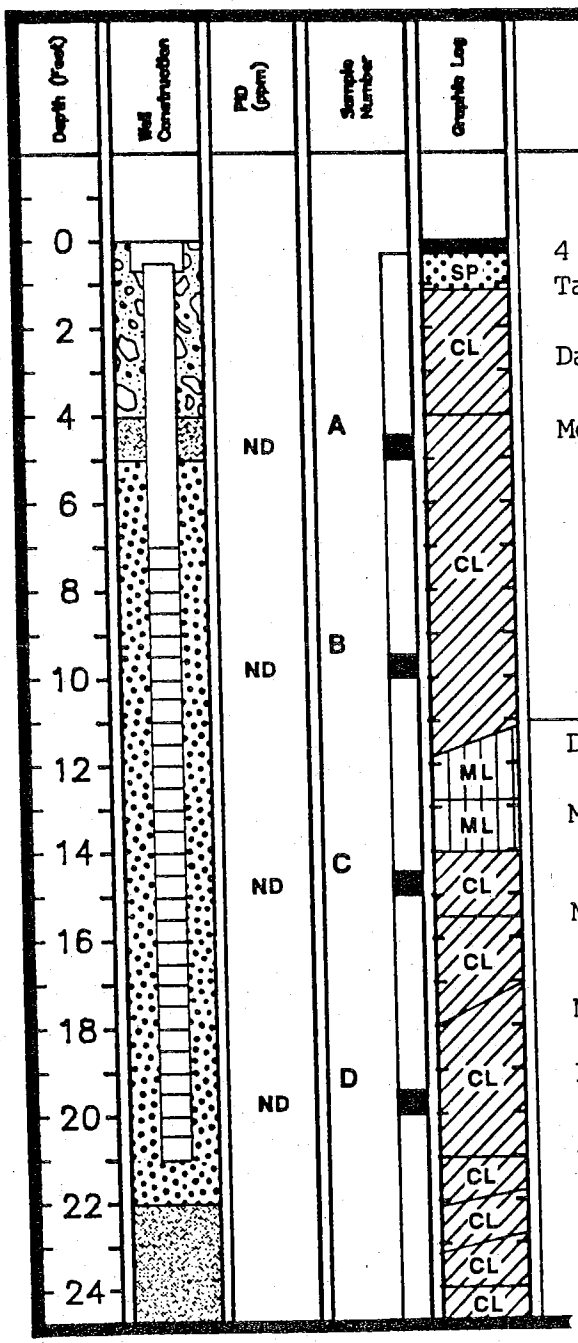
Project Chevron/Hopyard — Owner Chevron U.S.A. Inc.
Location Pleasanton, Ca. — Project Number 203/175-3284
Date Drilled 7/13/89 — Total Depth of Hole 26 ft. — Diameter 10.5 in.
Surface Elevation — Water Level Initial 11 ft. — 24-hour
Screen: Dia. 4 in. — Length 14 ft. — Slot Size .020 in.
Casing: Dia. 4 in. — Length 7 ft. — Type PVC
Drilling Company Sierra Pacific — Drilling Method Hollow stem Auger
Driller A. Schonberger — Log by C. Robertson
Geologist / Engineer — License No.

Sketch Map

SEE SITE PLAN

ND-non detectable

Notes: Boring was continuous core sampled



Description/Soil Classification (Color, Texture, Structures)

4 inches asphalt
Tan-brown, medium to coarse gravelly sand (loose, damp, strong product odor)
Dark brown-gray, silty clay (medium stiff, moist, strong product odor)
Medium dark gray, silty clay (medium stiff, moist, strong product odor)

▼ Encountered water 7/13/89 (1020 hours)
Dark yellowish brown, fine sandy silt with clay (soft, saturated, strong product odor)
Moderate olive gray, clayey silt with fine sands and angular gravel (medium dense, saturated, strong product odor)
Mottled moderate brown and medium light gray, clayey silt (medium stiff, saturated, moderate product odor)
Medium gray, silty clay (hard, saturated, slight product odor)
Dark yellowish brown, silty clay (hard, wet, no product odor)

Medium brownish gray, silty clay (medium stiff, moist no product odor)
Olive gray, silty clay (stiff, moist, no product odor
Olive gray, silty clay (hard, moist, no product odor)
Dark greenish gray clay with clay with silt (hard, damp, no product odor)

GROUNDWATER TECHNOLOGY, INC.

Monitoring Well 1

Drilling Log

Depth (Feet)	Well Construction	PID (ppm)	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
26		ND	E	CL SM	Grayish olive-green clay with silt (hard, moist, no product odor) Moderate olive-brown, silty, medium to fine sand (loose, saturated, no product odor) End of boring at 26'. Backfilled with bentonite to 22'. Added 1' of sand for base, set well at 21'
28					
30					
32					
34					
36					
38					
40					
42					
44					
46					
48					
50					
52					
54					
56					
58					

GROUNDWATER TECHNOLOGY, INC.

Monitoring Well 2

Drilling Log

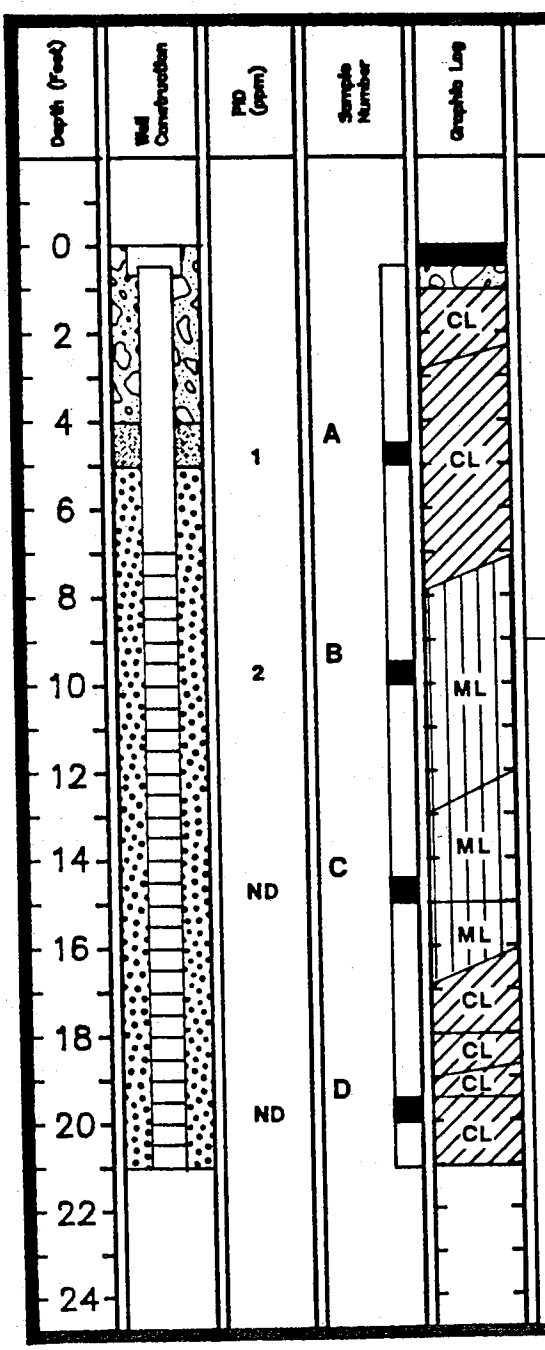
Project Chevron/Hopyard — Owner Chevron U.S.A. Inc.
Location Pleasanton, Ca. — Project Number 203/175-3284
Date Drilled 7/13/89 — Total Depth of Hole 21 ft. — Diameter 10.5 in.
Surface Elevation — Water Level Initial 9 ft. — 24-hour
Screen: Dia. 4 in. — Length 14 ft. — Slot Size .020 in.
Casing: Dia. 4 in. — Length 7 ft. — Type PVC
Drilling Company Sierra Pacific — Drilling Method Hollow stem Auger
Driller A. Schonberger — Log by C. Robertson
Geologist / Engineer — License No.

Sketch Map

- SEE SITE PLAN

ND-non detectable

Notes: Boring was continuous core sampled



Description/Soil Classification (Color, Texture, Structures)

6 inches asphalt over 6 inches aggregate base
Brownish black, silty clay (hard, damp, slight product odor)
Dark gray, silty clay (hard, moist, moderate product odor)

Medium dark gray, clayey silt (stiff, wet, slight product odor)
▼ Encountered water 7/13/89 (1438 hours)

Dark yellowish brown, clayey silt (medium stiff, saturated, no product odor)

Moderately dark yellowish brown, fine sandy silt with clay (stiff, saturated, no product odor)
Dark brownish gray, silty clay (hard, wet, no product odor)
Olive gray, silty clay (hard, wet, no product odor)
Moderate brown, silty clay (very stiff, moist, no product odor)
Dark yellowish brown, silty clay (very stiff, moist, no product odor)
End of boring at 21', installed monitoring well

6/88 REV. C

GROUNDWATER TECHNOLOGY, INC.

Monitoring Well 3

Drilling Log

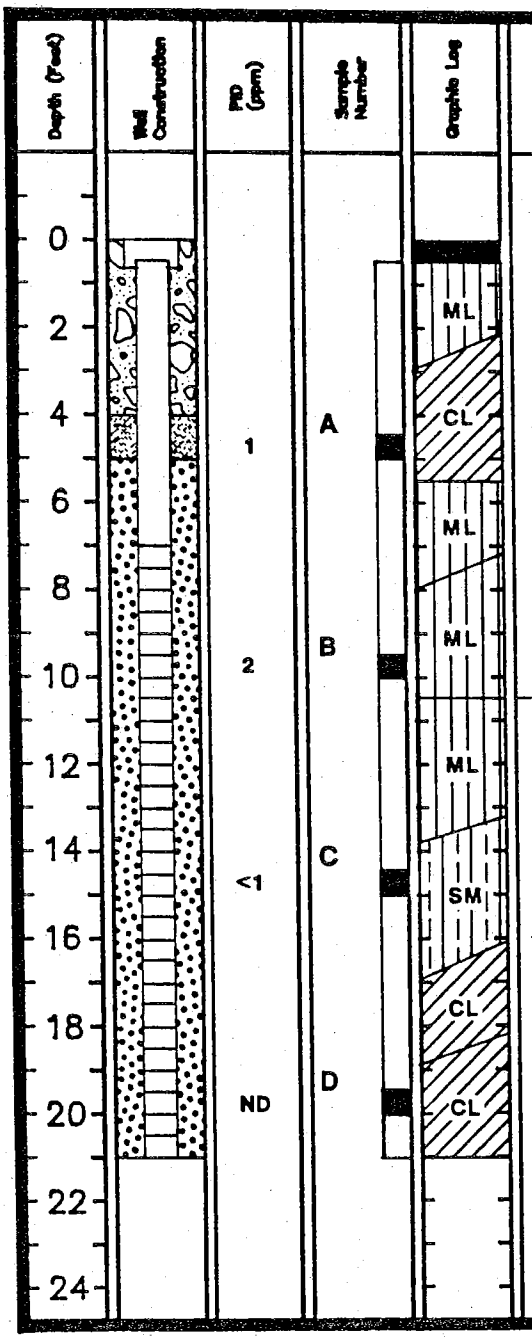
Project Chevron/Hopyard — Owner Chevron U.S.A. Inc.
Location Pleasanton, Ca. — Project Number 203/175-3284
Date Drilled 7/13/89 — Total Depth of Hole 21 ft. — Diameter 10.5 in.
Surface Elevation — Water Level Initial 10.5 ft. — 24-hour
Screen: Dia. 4 in. — Length 14 ft. — Slot Size .020 in.
Casing: Dia. 4 in. — Length 7 ft. — Type PVC
Drilling Company Sierra Pacific — Drilling Method Hollow stem Auger
Driller A. Schonberger — Log by C. Robertson
Geologist / Engineer — License No.

Sketch Map

SEE SITE PLAN

ND-non detectable

Notes: Boring was continuous core sampled



Description/Soil Classification (Color, Texture, Structures)

6 inches asphalt
Dark bluish gray, clayey silt (very stiff, damp, slight product odor)
Dark gray, silty clay (very stiff, damp, no product odor)

Dark yellowish brown, clayey silt with fine sand (medium stiff, damp, no product odor)
Grayish black, clayey silt (stiff, moist, no product odor)

▼ Encountered water 7/13/89 (1620 hours)
Dark yellowish brown, fine sandy silt with clay (medium stiff, saturated, no product odor)

Dark yellowish brown, fine silty sand with clay (medium dense, saturated, no product odor)

Dark yellowish brown, silty clay (medium stiff, wet, no product odor)

Dark yellowish brown, silty clay (soft, wet, no product odor)

End of boring at 21', installed monitoring well

Drilling Log

MW-4

GROUNDWATER TECHNOLOGY, INC.

Monitoring Well MW-

Project CHV/5280 Hopyard Road Owner Chevron USA, Inc.

Location Pleasanton, CA Project Number 020301661

Date Drilled 08/22/91 Total Depth of Hole 25.0 ft. Diameter 8.5 in.

Top of Casing ____ Water Level Initial 13.0 ft. Static 9.54 ft.

Screen: Dia 2.0 in. Length 15 ft. Slot Size 0.020 in.

Casing: Dia 2.0 in. Length 10 ft. Type SCH 40 PVC

Filter Pack Material Lapis Lustre #2/12 Rig/Core Type Mobile B-53/Continuous Core

Drilling Company Sierra Pacific/C-57 434343 Dril./Mon. Method Hollow Stem Flight Auger

Driller Manuel Arguillo Log By Craig Robertson

Geologist/Engineer Ed Simonis License No RG# 4422

See Site Map For Boring Location

NOTES:

Depth (feet)	Well Completion	Sample ID	Blow Count / % Recovery	Graphic Log	Soil Class	Description (Color, Texture, Structure)
0			%			Four inches CONCRETE
						Brown mottled grey CLAY . (medium stiff, damp)
2						
4						
6						
8		A				
10						Dark olive grey silty CLAY (soft, wet)
12		B			CL	
14						*Encountered water at 13.0 feet on 8/22/91 (1055 hours).*
16						(grades sandy, saturated)
18		C				(grades to medium brown)
20						(grades to brown)
22						
24						
26						End of boring at 25.0 feet. Constructed groundwater monitoring well.

Drilling Log

Monitoring Well ~~MW-2~~ MW-5

GROUNDWATER TECHNOLOGY, INC.

Project CHV/5230 Hopyard Road | Owner Chevron USA, Inc.
Location Pleasanton, CA | Project Number 020301661
Date Drilled 08/22/91 | Total Depth of Hole 25.0 ft. | Diameter 8.5 in.
Top of Casing | Water Level Initial 14.0 ft. | Static 10.25 ft.
Screen: Dia 2.0 in. | Length 15 ft. | Slot Size 0.020 in.
Casing: Dia 2.0 in. | Length 10 ft. | Type SCH 40 PVC
Filter Pack Material Lapis Lustre #2/12 | Rig/Core Type Mobile B-53/Continuous Core
Drilling Company Sierra Pacific/C-57 434343 | Dril./Mon. Method Hollow Stem Flight Auger
Driller Manuel Arguillo | Log By Craig Robertson
Geologist/Engineer Ed Simonis | License No RG# 4422

See Site Map For Boring Location

NOTES:

Depth (feet)	Well Completion	Sample ID	Blow Count / % Recovery	Graphic Log	Soil Class	Description (Color, Texture, Structure)
0						Brownish grey CLAY (medium stiff, damp)
2						
4						
6						Dark olive grey CLAY with silt (medium stiff, damp)
8					CL	
10		A				Olive mottled brownish grey silty CLAY (medium stiff, very moist)
12						
14		B				*Encountered water at 14.0 feet on 8/22/91 (1350 hours).* Dark grey clayey well graded SAND (medium dense, saturated)
16					SC	
18		C				Dark olive grey CLAY with trace fine gravel (medium stiff, wet)
20						
22					CL	Grey CLAY (stiff, wet)
24						
26						End of boring at 25.0 feet. Constructed groundwater monitoring well.

Drilling Log

GROUNDWATER TECHNOLOGY, INC.

Monitoring Well MW-6

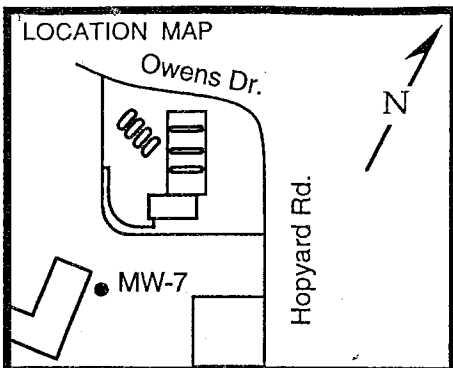
Project: CHV/5280 Hopyard Road — Owner: Chevron USA, Inc.
Location: Pleasanton, CA — Project Number: 020301661
Date Drilled: 08/22/91 — Total Depth of Hole: 25.0 ft. — Diameter: 8.5 in.
Top of Casing: — Water Level Initial: 13.5 ft. — Static: 12.26 ft.
Screen: Dia 2.0 in. — Length: 15 ft. — Slot Size: 0.020 in.
Casing: Dia 2.0 in. — Length: 10 ft. — Type: SCH 40 PVC
Filter Pack Material: Lapis Lustre #2/12 — Rig/Core Type: Mobile B-53/Continuous Core
Drilling Company: Sierra Pacific/C-57 434343 — Dril./Mon. Method: Hollow Stem Flight Auger
Driller: Manuel Arguillo — Log By: Craig Robertson
Geologist/Engineer: Ed Simonis — License No: RG# 4422

See Site Map For Boring Location

NOTES:

Depth (feet)	Well Completion	Sample ID	Blow Count / % Recovery	Graphic Log	Soil Class	Description (Color, Texture, Structure)
0						Brownish grey CLAY (medium stiff, damp)
2						
4						
6						Very dark brown silty CLAY (medium stiff, damp)
8		A				
10						
12		B			CL	
14						*Encountered water at 13.5 feet on 8/22/91 (1630 hours).* Olive CLAY with very fine SAND (soft, wet)
16		C				
18						Dark olive grey CLAY with trace fine gravel (medium stiff, wet) Grey CLAY (stiff, wet)
20						
22						
24						
26						End of boring at 25.0 feet. Constructed groundwater monitoring well.

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

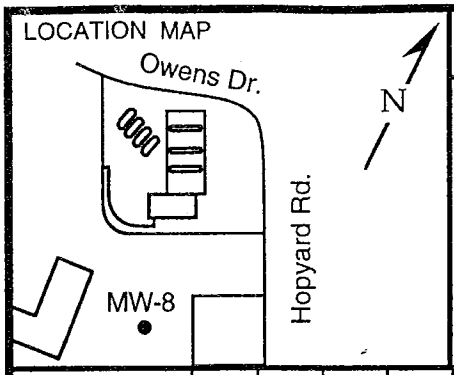
WELL NO. MW-7
PAGE 1 OF 1

PROJECT NO. 320-164.1B
LOGGED BY: T.B.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
SAND PACK: 2 X 12 SAND

CLIENT: CHEVRON
DATE DRILLED: 5-5-97
LOCATION: 5280 Hopyard Rd., Pleasanton
HOLE DIAMETER: 8"
HOLE DEPTH: 21.5'
WELL DIAMETER: 2"
WELL DEPTH: 20'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
GROUT				1			CL	ASPHALT SILTY CLAY: dark brown; medium plasticity; 80-90% silt and clay; 10-20% sand; dense; no product odor.
	Dp			2				
				3				
				4				
	Dp		27	5			CL	CLAY: dark brown; medium plasticity; 90% silt and clay; 10% fine to medium sand; very stiff; no product odor.
				6				
BENTONITE				7				
				8				
				9				
	Mst		24	10				@10': as above; dark brown; medium plasticity; 95% silt and clay; 5% sand; very stiff.
				11				
				12				
				13				
				14				
	Wt		17	15				@15': as above.
SAND				16			SC	CLAYEY SAND: very dark grayish brown; 45% silt and clay; 55% sand; medium dense; no product odor.
				17				
				18				
				19			CL	SANDY CLAY: dark brown; medium plasticity; 70% silt and clay; 30% sand; stiff; no product odor.
	Wt		13	20				
SLOUGH				21				
				22				BOTTOM OF BORING AT 21.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

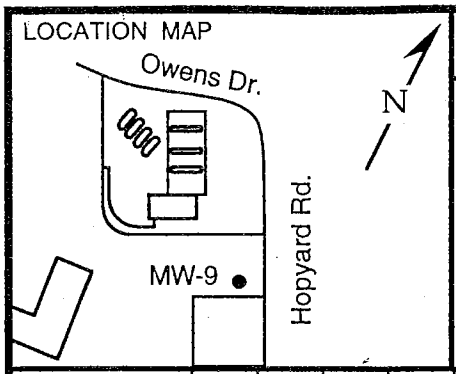
WELL NO. MW-8
PAGE 1 OF 1

PROJECT NO. 320-164.1B
LOGGED BY: T.B.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
SAND PACK: 2 X 12 SAND

CLIENT: CHEVRON
DATE DRILLED: 5-5-97
LOCATION: 5280 Hopyard Rd., Pleasanton
HOLE DIAMETER: 8"
HOLE DEPTH: 21.5'
WELL DIAMETER: 2"
WELL DEPTH: 20'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL / GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
GROUT				1			ASPHALT
	Dp			2		CL	SILTY CLAY: dark brown; moderate plasticity; 90% silt and clay; 8% medium sand; 2% fine subrounded gravel; no product odor.
				3			
				4		CL	CLAY: black to very dark brown; moderate plasticity; 90% silt and clay; 7% medium sand; 3% fine subrounded gravel; very stiff; no product odor.
			29	5			
BENTONITE				6			
				7			
				8			
				9			
	Mst		17	10			@10': very dark brown; moderate plasticity; 90% silt and clay; 5% medium to fine sand; 5% gravel; very stiff; no product odor.
				11			
				12			
				13			
				14			
	Wt		12	15			@15': dark grayish brown with dark gray mottling; moderate plasticity; 95% silt and clay; 5% fine to medium sand; trace gravel; stiff; no product odor.
				16			
				17			
				18			
				19			
	Wt		20	20			@20': dark grayish brown with dark gray mottling; moderate plasticity; 95% silt and clay; 5% fine to medium sand; trace gravel.
SAND				21			
SLOUGH				22			BOTTOM OF BORING AT 21.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-9
PAGE 1 OF 1

PROJECT NO. 320-164.1B
LOGGED BY: T.B.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
SAND PACK: 2 X 12 SAND

CLIENT: CHEVRON
DATE DRILLED: 5-5-97
LOCATION: 5280 Hopyard Rd., Pleasanton
HOLE DIAMETER: 8"
HOLE DEPTH: 21.5'
WELL DIAMETER: 2"
WELL DEPTH: 20'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
GROUT				1–4			CL	ASPHALT CLAY: dark yellowish brown; moderate plasticity; 95% clay and silt; 5% fine to medium sand; trace gravel.
BENTONITE	Mst		19	5–9				@5': very dark brown; moderate plasticity; 95% silt and clay; trace sand; 5% fine gravel; very stiff.
SAND	Mst		19	10–14				@10': dark brown; moderate plasticity; 95% silt and clay; 5% sand; trace fine gravel; very stiff.
	Wt		17	15–17				@15': dark grayish brown; moderate plasticity; 98% silt and clay; 2% medium sand; trace fine gravel; very stiff.
SLOUGH	Wt		25	20–22				@20': grayish brown; moderate plastiicty; 97% silt and clay; 2% sand; very stiff.
								BOTTOM OF BORING AT 21.5'

Cambria Environmental Technology, Inc.
2000 Opportunity Drive, Suite 110
Roseville, CA
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Fax: 916-677-3687

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	IW-1
JOB/SITE NAME	9-0917	**DRILLING STARTED**	04-Aug-06
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	04-Aug-06
PROJECT NUMBER	61H-1959	**WELL DEVELOPMENT DATE (YIELD)**	15-Aug-06 (100)
DRILLER	Gregg Drilling & Testing, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger/ Geoprobe	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	10"	**SCREENED INTERVAL**	4 to 24 fbg
LOGGED BY	K. Hoey	**DEPTH TO WATER (First Encountered)**	22.0 fbg (04-Aug-06)
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
					Asphalt: 6-inches	0.5
					CLAY Dark brown; dry; 90% clay, 10% silt; high plasticity, low estimated permeability.	
10		IW-1@ 5	5	CH	medium plasticity, low estimated permeability.	
			10		90% clay, 10% silt	12.0
451		IW-1@ 12			80% clay, 10% silt, 10% sand	14.0
					75% clay, 10% silt, 15% sand	15.0
964		IW-1@ 15.5	15	CH	**Sandy CLAY**: Grey brown; moist; 50% clay, 40% fine-grained sand, 10% silt; high plasticity; lowestimated permeability.	17.0
				CH	**CLAY** Grey brown; dry; 90% clay, 10% silt; high plasticity, low estimated permeability.	
			20			20.0
1006		IW-1@ 20		CH SC	**Sandy CLAY**: Grey brown; wet; 50% clay, 40% fine-grained sand, 10% silt; high plasticity; moderate estimated permeability.	20.5 21.0
				CH	**Clayey SAND**: Grey brown; wet; 55% sand, 35% clay, 10% silt; medium plasticity; moderate estimated permeability.	
82.4		IW-1@ 24			**CLAY**: Grey brown; moist; 90% clay, 10% silt; high plasticity; low estimated permeability.	24.0

WELL DIAGRAM: Portland Type I/II; Bentonite Seal; Monterey Sand #2/12; 4"-diam., 0.010" Slotted Schedule 40 PVC; Bottom of Boring @ 24 fbg

WELL LOG (PID) R:\9-0917 PLEASANTON\GINT\9-0917.GPJ DEFAULT.GDT 9/26/06

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP1
JOB/SITE NAME	Chevron Station 9-0917	**DRILLING STARTED**	27-Jan-09
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	27-Jan-09
PROJECT NUMBER	060057	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex Inc. (C57-705927)	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	NA
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	Brandon S. Wilken P.G. #7564	**DEPTH TO WATER (Static)**	NA
REMARKS	Soil vapor probe installed at 6.0 to 6.5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	Portland Type I/II Cement
22		VP1-S -4		5	ML		**Clayey SILT with gravel:** Brown; damp; 10% clay, 75% silt, 10% gravel; medium plasticity; low estimated permeability. Composition and color changes: dark grey; damp; 25% clay, 75% silt; medium plasticity; low estimated permeability.	6.5	Bentonite Seal Monterey Sand #2/12 Bottom of Boring @ 6.5 fbg

WELL LOG (PID) I:\CHEVRON\0600-\060057-1\060323-1\060057-GINT.GPJ DEFAULT.GDT 4/14/09

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5900 Hollis Street, Suite A
Emeryville, CA 94608
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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP2
JOB/SITE NAME	Chevron Station 9-0917	**DRILLING STARTED**	27-Jan-09
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	27-Jan-09
PROJECT NUMBER	060057	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex Inc. (C57-705927)	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	NA
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	Brandon S. Wilken P.G. #7564	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Soil vapor probe installed at 6.0 to 6.5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.5	Portland Type I/II Cement
0		VP2-4 -S		5	ML		**Clayey SILT:** Dark grey; damp; 30% clay, 70% silt; high plasticity; low estimated permeability.	6.5	Bentonite Seal Monterey Sand #2/12 Bottom of Boring @ 6.5 fbg

WELL LOG (PID) I:\CHEVRON\0600-\060057-1\060323-1\060057-GINT.GPJ DEFAULT.GDT 4/14/09

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Emeryville, CA 94608
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Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP3
JOB/SITE NAME	Chevron Station 9-0917	**DRILLING STARTED**	27-Jan-09
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	27-Jan-09
PROJECT NUMBER	060057	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex Inc. (C57-705927)	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	NA
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	Brandon S. Wilken P.G. #7564	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Pea-gravel encountered, soil vapor probe could not be installed		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	
							FILL: Pea gravel.	1.0	Bottom of Boring @ 1 fbg

WELL LOG (PID) I:\CHEVRON\0600-\060057-1\060323-1\060057-GINT.GPJ DEFAULT.GDT 4/14/09

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Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP4
JOB/SITE NAME	Chevron Station 9-0917	**DRILLING STARTED**	27-Jan-09
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	27-Jan-09
PROJECT NUMBER	060057	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex Inc. (C57-705927)	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	NA
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	Brandon S. Wilken P.G. #7564	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Soil vapor probe installed at 5.0 to 5.5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.5	Portland Type I/II Cement
					GM		**Silty GRAVEL:** Brown; damp; 30% silt, 10% sand, 60% gravel; non-plastic; moderate estimated permeability.	1.0	
							Clayey SILT: Dark grey; damp; 20% clay, 80% silt; high plasticity; low estimated permeability.		
					ML				Bentonite Seal
0		VP4-4 -S		5					Monterey Sand #2/12
								5.5	Bottom of Boring @ 5.5 fbg

WELL LOG (PID) I:\CHEVRON\0600-\060057-1\060323-1\060057-GINT.GPJ DEFAULT.GDT 4/14/09

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Emeryville, CA 94608
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Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP5
JOB/SITE NAME	Chevron Station 9-0917	**DRILLING STARTED**	27-Jan-09
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	27-Jan-09
PROJECT NUMBER	060057	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex Inc. (C57-705927)	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	NA
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	Brandon S. Wilken P.G. #7564	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Soil vapor probe installed at 5.0 to 5.5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	Portland Type I/II Cement
					ML		**Clayey SILT with gravel:** Grey; damp; 20% clay, 60% silt, 20% gravel; high plasticity; low estimated permeability.	3.0	
					SM		**Silty SAND:** Grey; damp; 5% clay, 15% silt, 80% sand; low plasticity; moderate permeability.	4.0	Bentonite Seal
0		VP5-4 -S		5	ML		**Sandy SILT with clay:** Grey; damp; 10% clay, 70% silt, 20% sand; medium plasticity; moderate estimated permeability.	5.6	Monterey Sand #2/12
									Bottom of Boring @ 5.5 fbg

WELL LOG (PID) I:\CHEVRON\0600-\060057-1\060323-1\060057-GINT.GPJ DEFAULT.GDT 4/14/09

Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP-6
JOB/SITE NAME	Chevron Station 9-0917	**DRILLING STARTED**	16-Jun-10
LOCATION	5280 Hopyard Road, Pleasanton, California	**DRILLING COMPLETED**	16-Jun-10
PROJECT NUMBER	060057	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	VaporTech Sevices (C57-916085)	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hand auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3 inches	**SCREENED INTERVALS**	5.5 to 5.6 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	Nathan Lee P.G. #8486	**DEPTH TO WATER (Static)**	NA

REMARKS Soil vapor probe constructed with a permeable push-to-connect stainless-steel tip at 5.5 fbg connected to 1/4-inch Teflon tubing.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	Hydrated granular bentonite
							FILL	1.0	
							SILT: Brown; moist; medium plasticity.		
							@ 2 fbg: color changes to dark grey		
4					ML				Dry bentonite
24		VP-6- S-6		5					Sand #2/12 Vapor Probe
22							@ 6 fbg: mottling	6.5	Hydrated granular bentonite
							Bottom of Boring 6.5 ft.		Bottom of Boring @ 6.5 fbg

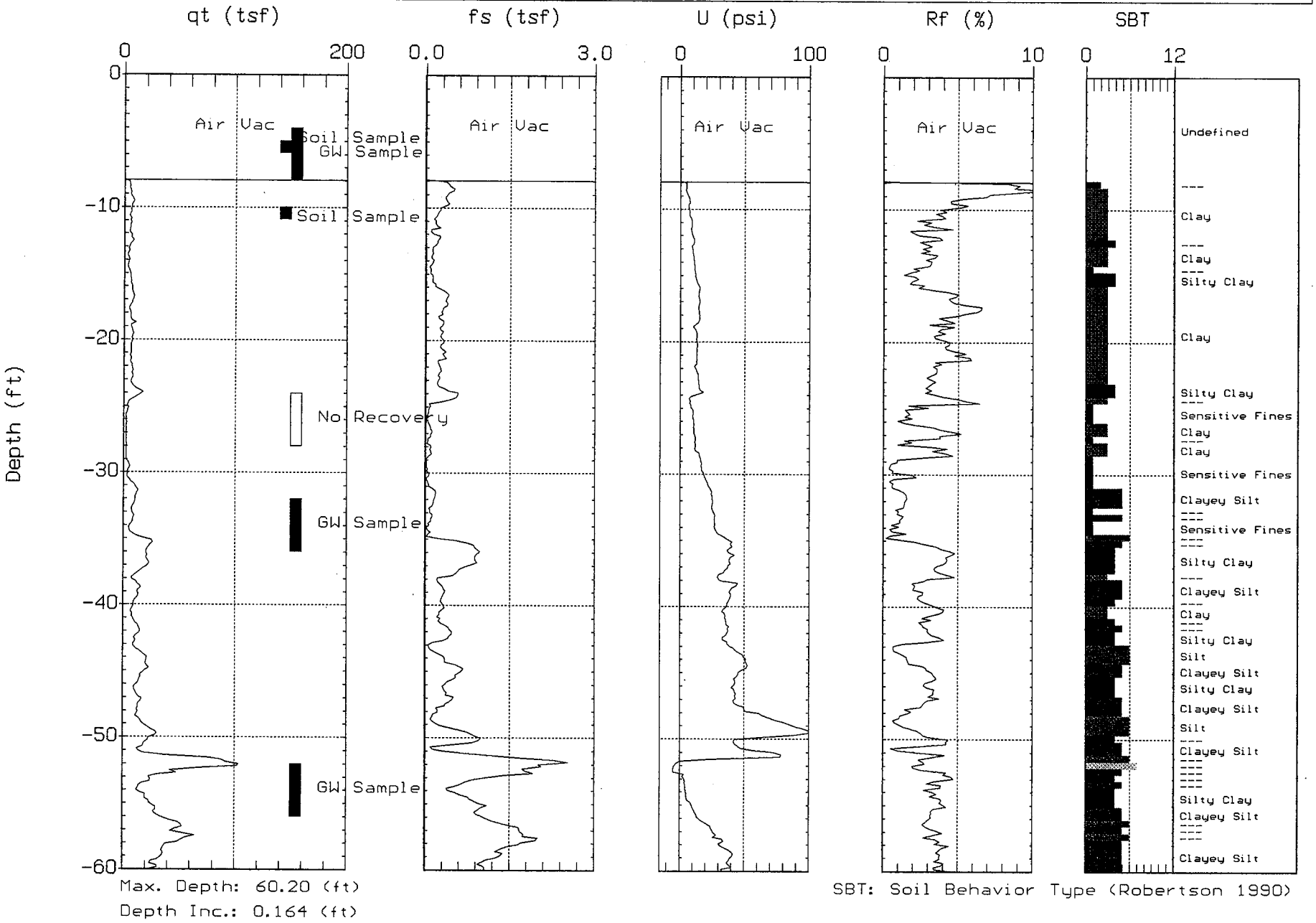
WELL LOG (PID) I:\CHEVRON\0600-\060057~1\060323~1\060057-GINT.GPJ DEFAULT.GDT 8/17/10

GREGG

CAMBRIA

Site: 5280 HOPYARD RD.
Location: CPT-GP-1

Engineer: C.SUNDIRY
Date: 02:09:06 12:14



Max. Depth: 60.20 (ft)
Depth Inc.: 0.164 (ft)

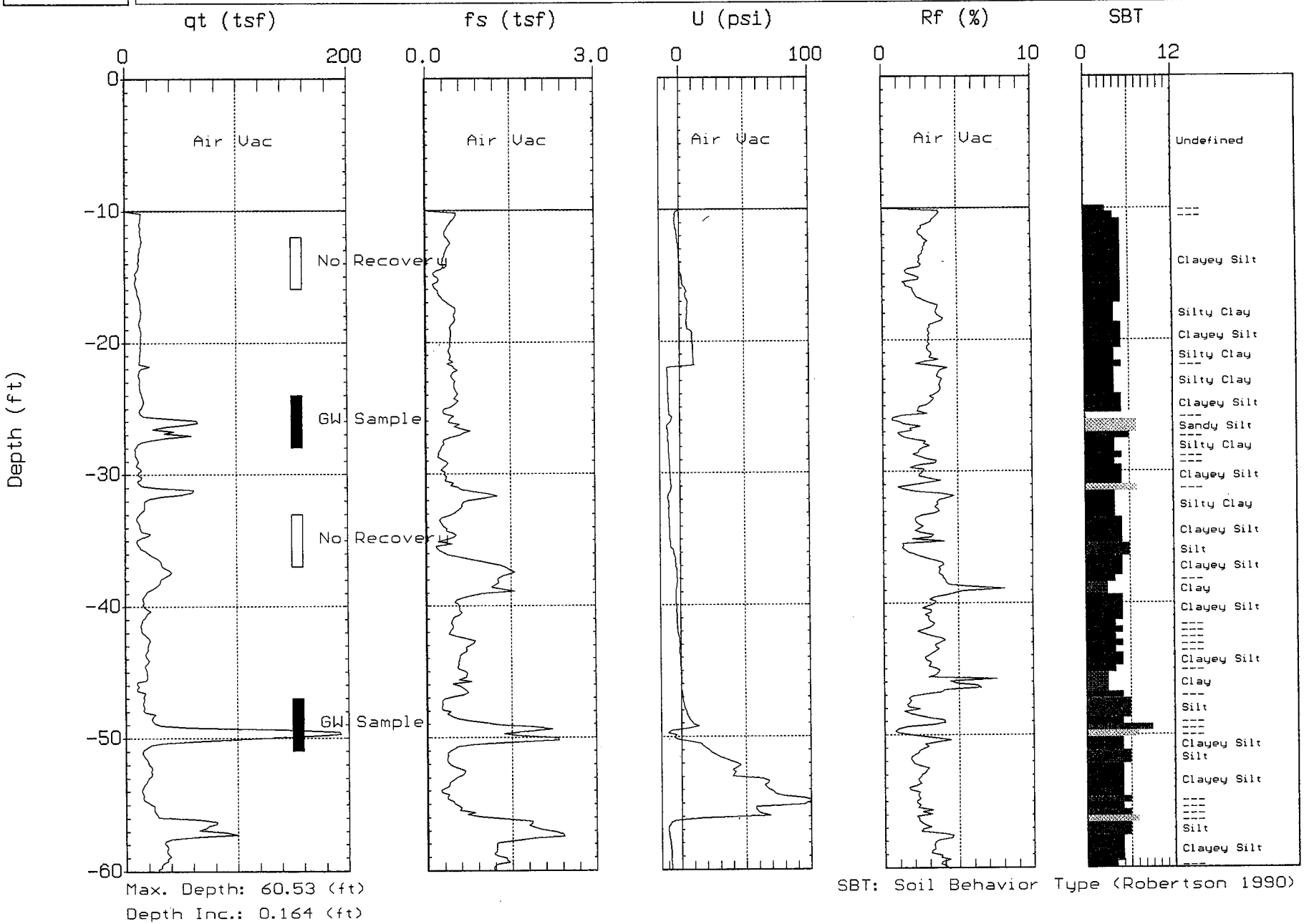
SBT: Soil Behavior Type (Robertson 1990)

GREGG

CAMBRIA

Site: 5280 HOPYARD RD.
Location: CPT-GP-2

Engineer: C.SUNDIRY
Date: 02:08:06 11:13



Max. Depth: 60.53 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Cambria Environmental Technology, Inc.
8620 Holly Drive, Suite 200
Everett, WA 98208
Telephone: 425.353.6628
Fax: 425.3536443

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	GP-3
JOB/SITE NAME	9-0917	**DRILLING STARTED**	02-Feb-06
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	02-Feb-06
PROJECT NUMBER	61H-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Cambria Environmental	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVAL**	NA
LOGGED BY	R. Ratilainen	**DEPTH TO WATER (First Encountered)**	9.0 ft (02-Feb-06) ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete: 6-inches.	0.5	Concrete
							Fill	1.5	
0		GP-5@ 5'		5	ML		**SILT with sand**: Grey with brown mottling; moist; 55% silt, 30% clay, 15% fine-grained sand; medium to high plasticity; low to moderate estimated permeability.		Portland Type I/II
0		GP-5@ 10'		10				10.0	Bottom of Boring @ 10 ft

WELL LOG (PID) R:\9-0917 PLEASANTON\GINT\9-0917.GPJ DEFAULT.GDT 3/28/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	GP-4
JOB/SITE NAME	9-0917	**DRILLING STARTED**	02-Feb-06
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	02-Feb-06
PROJECT NUMBER	61H-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Cambria Environmental	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVAL**	NA
LOGGED BY	R. Ratilainen	**DEPTH TO WATER (First Encountered)**	9.0 ft (02-Feb-06) ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete: 6-inches.	0.5	Concrete
0		GP-5@ 5'		5	ML		**SILT with sand**: Grey with brown mottling; moist; 50% silt, 25% fine-grained sand, 25% clay; medium plasticity; moderate estimated permeability. - Brown mottling disappears after approximately 5 fbg. - Solid grey below 5 fbg		Portland Type I/II
0		GP-5@ 10'		10			▽	10.0	Bottom of Boring @ 10 ft

WELL LOG (PID) R:\9-0917 PLEASANTON\GINT\9-0917.GPJ DEFAULT.GDT 3/28/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	GP-5
JOB/SITE NAME	9-0917	**DRILLING STARTED**	02-Feb-06
LOCATION	5280 Hopyard Road, Pleasanton, CA	**DRILLING COMPLETED**	02-Feb-06
PROJECT NUMBER	61H-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Cambria Environmental	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVAL**	NA
LOGGED BY	R. Ratilainen	**DEPTH TO WATER (First Encountered)**	9.0 ft (02-Feb-06) ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete: 6-inches.	0.5	Concrete
							Fill	1.0	
0		GP-5@ 5'		5	ML		**SILT with sand**: Grey with brown mottling; moist; 50% silt, 25% fine-grained sand, 25% clay; medium plasticity; moderate estimated permeability. - Brown mottling disappears after approximately 5 fbg. - Solid grey below 5 fbg		Portland Type I/II
0		GP-5@ 10'		10			▽	10.0	Bottom of Boring @ 10 ft

WELL LOG (PID) R:\9-0917 PLEASANTON\GINT\9-0917.GPJ DEFAULT.GDT 3/28/06

APPENDIX B

ENVIRONMENTAL SITE HISTORY

ENVIRONMENTAL SITE HISTORY

CHEVRON SERVICE STATION NO. 90917
5280 HOPYARD ROAD, PLEASANTON, CALIFORNIA

July 1989 Monitoring Well Installation

Groundwater Technology, Inc. (GTI) installed onsite groundwater monitoring wells MW-1 through MW-3. Details of this investigation can be found in GTI's *Site Assessment Report*, dated August, 1989.

June 1991 UST Replacement and Soil Excavation

Blaine Tech Services, Inc. observed the underground storage tank (UST) system removal and soil excavation, and collected soil and groundwater samples. Five fiberglass USTs including three 10,000-gallon gasoline, one 10,000-gallon diesel, and one 500-gallon used-oil UST were removed and replaced with four 12,000-gallon double-walled fiberglass gasoline USTs. Over-excavation of UST and product piping areas extended to maximum depths of approximately 10 feet below grade (fbg). Groundwater was encountered in the excavation at approximately 10 fbg.

Approximately 90 cubic yards of soil, not including pea gravel, were removed during UST removal and over-excavation, and approximately 70 cubic yards of soil were removed during product line removal and over-excavation. Based on hydrocarbon distribution in soil, the probable hydrocarbon source area was the former dispenser island and associated northeastern product lines. Details of this investigation can be found in Gettler-Ryan's (G-R) *Site Conceptual Model and Closure Request*, dated January 25, 2002.

July 1991 Monitoring Well Destruction and Well Installation

GTI destroyed wells MW-1 through MW-3 and installed groundwater monitoring wells MW-4 through MW-6. Groundwater was encountered at a depth of approximately 13 fbg. Details of this investigation can be found in GTI's *Well Installation Report*, November 14, 1991.

May 1997 Monitoring Well Installation

Pacific Environmental Group, Inc. (PEG) installed offsite groundwater monitoring wells MW-7 through MW-9 to define the extent of petroleum hydrocarbons and methyl tertiary-butyl ether (MTBE) in groundwater south of the source area. Details of this investigation can be found in PEG's *Soil and Groundwater Investigation*, dated August 11, 1997.

March 1999 Enhanced Bioremediation

G-R installed oxygen release compound (ORC) socks in wells MW-5 and MW-6 to increase the dissolved oxygen concentrations in groundwater and enhance hydrocarbon biodegradation.

ORC in this application had an estimated release time of approximately six months. Total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene and xylenes (BTEX) concentrations decreased by one to two orders of magnitude in well MW-5, but rebounded within two years. Hydrocarbon concentrations changes in well MW-6 were not as apparent. G-R removed the ORC socks on September 7, 2001 at the request of ACEH.

February 2006 Subsurface Investigation

Cambria Environmental Technology, Inc. (Cambria) advanced soil borings GP-1 through GP-5 onsite. Two of the borings were advanced to deeper groundwater bearing zones using a Cone Penetration Testing (CPT) direct push drill rig to collect groundwater samples for vertical plume definition. Details of this investigation can be found in Cambria's *Subsurface Investigation Report*, dated March 29, 2006.

August 2006 Well Installation

Cambria installed remediation well IW-1 for potential surfactant enhanced non-aqueous-phase liquid removal. Details of this investigation can be found in Cambria's *Subsurface Investigation Report*, dated September 26, 2006.

January 2007 Groundwater Batch Extraction

Cambria performed batch groundwater extraction from well IW-1 to remove aqueous-phase hydrocarbon mass. The calculated TPHg mass removed was only 0.0051 pounds. Review of the boring log and physical soil data indicate the majority of soil encountered beneath the site has high clay content and low permeability, therefore it yielded little hydrocarbon mass through groundwater extraction. Details of this investigation can be found in Cambria's *Groundwater Batch Extraction Results*, dated March 12, 2007.

January 2009 Soil Vapor Probe Installations

Conestoga-Rovers & Associates (CRA) installed onsite soil vapor probes VP1 through VP5 to evaluate the potential for a vapor intrusion pathway from soil gas to indoor air. Hydrocarbon vapor concentrations in soil gas exceeded environmental screening levels. Details of this investigation can be found in CRA's *Soil Vapor Probe Installation and Sampling Report*, dated April 19, 2009.

May 2009 Soil Vapor Sampling

CRA collected a second set of samples from vapor points VP1, VP2, VP4 and VP5. Hydrocarbon vapor concentrations in soil gas again exceeded environmental screening levels. Details of this investigation can be found in CRA's *Soil Vapor Sampling Report and Work Plan for Sub-Slab Vapor Probes*, dated June 29, 2009.

October 2009 Additional Site Assessment

CRA advanced direct-push soil borings SB6 through SB9. Soil samples were collected from borings SB6, SB7 and SB8. Grab-groundwater samples were collected from SB6 and SB7. Subsurface debris prevented soil and groundwater sample collection from SB9. Soil vapor samples were collected from SB6, SB8, and SB9.

Hydrocarbons were detected in soil from borings SB6, SB7 and SB8 with the highest concentrations between about 15 to 19 fbg, which is below the water table. Temporary soil vapor probes were advanced using a direct-push rig and installed inside the direct-push rods at 6 fbg. TPHg and benzene concentrations in soil vapor exceeded screening levels in borings SB8 and SB9. Details of this investigation can be found in CRA's *Site Assessment and Excavation Report*, dated April 22, 2010.

November 2009 Sub-Slab Soil Vapor Sampling

CRA installed sub-slab vapor probes SSVP-1 and SSVP-2 and collected soil vapor samples, ambient indoor air samples, and outdoor air samples. No analytes in the sub-slab samples exceeded screening levels. TPHg was detected in indoor air at concentrations similar to outdoor air concentrations. Additionally, toluene and xylenes were detected in indoor and outdoor air at similar concentrations, although neither of these constituents were detected in the sub-slab vapor samples. Based on these results it was concluded that analytes detected in indoor air are from air exchange with outdoor air, not from sub-slab vapors, and there is not a complete pathway for vapor intrusion from the subsurface into the onsite building. Therefore, onsite workers are not at risk from sub-slab vapor intrusion. Details of this investigation can be found in CRA's *Sub-Slab Vapor Results*, dated December 15, 2009.

January-February 2010 Well Destruction and Excavation

CRA destroyed extraction well IW-1 and vapor well VP1 to facilitate station building expansion. Sub-slab vapor probes SSVP-1 and SSVP-2 were destroyed during the building remodeling. From February 22 to February 26, 2010, CRA observed Wendt & Son's Construction Incorporated of Lodi, California excavate approximately 182-tons of hydrocarbon-bearing soil from beneath the building extension footprint, including an additional 5 lateral feet towards the north and east. The excavation was completed to depths ranging from 6 to 7 fbg (near the water table). The objective was to remove hydrocarbon-bearing soil from beneath the proposed building to reduce risk from vapor intrusion from the subsurface into the building. Details can be found in CRA's *Site Assessment and Excavation Report*, dated April 22, 2010.

July 2010 Vapor Probe and Sub-slab Probes Re-Installation

Vapor probe VP-6 and sub-slab probes SSVP-3 through SSVP-5 were installed to replace VP-1, SSVP-1, and SSVP-2. No analytes were detected in the sub-slab samples above screening levels. Based on these results it was concluded that onsite workers are not at risk from vapor intrusion.

Details of this investigation can be found in CRA's *Soil Vapor Probe Re-Installation and Sampling Report,* dated August 27, 2010.

Groundwater Monitoring

Groundwater monitoring wells were first installed in 1989. Groundwater was monitored until June 2009, at which time monitoring was suspended with ACEH approval documented in a July 23, 2009 letter.

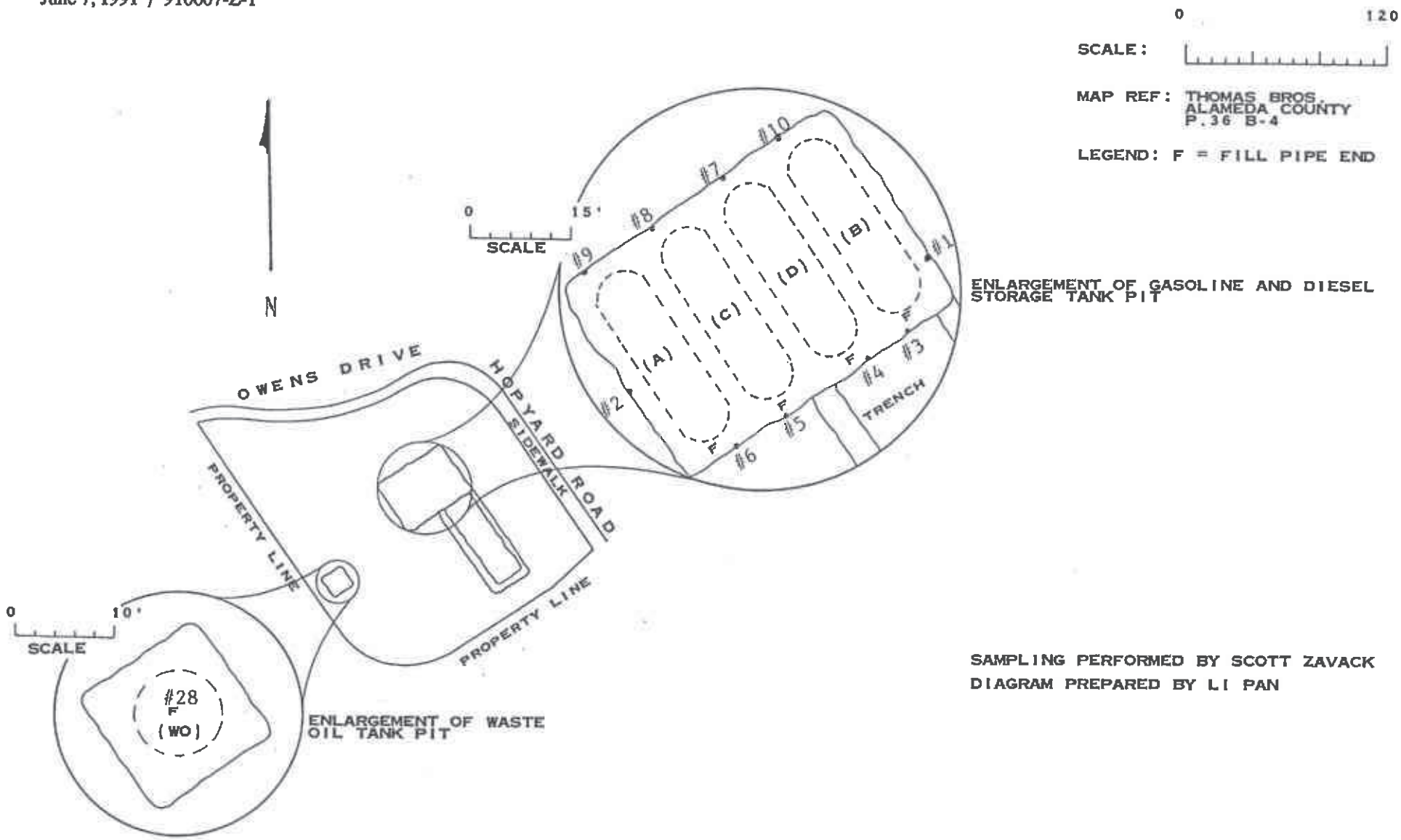
March 2012 Vapor Sampling

On March 6, 2012, CRA collected vapor samples from the sub-slab vapor probes SSVP-3 through SSVP-5, soil vapor probe VP-6, indoor air locations (IA-1 and IA-2), and outdoor ambient air locations (OA-1) to confirm previous sampling results from the July 2010 event. The results of the investigation demonstrated that sub-slab soil vapor, indoor air, and ambient air concentrations did not indicate a complete vapor intrusion pathway. These sampling results resembled results of the investigation conducted in July 2010.

TANK REMOVAL DIAGRAM

June 7, 1991 / 910607-Z-1

DIAGRAM ONE



SAMPLING PERFORMED BY SCOTT ZAVACK
DIAGRAM PREPARED BY LI PAN

APPENDIX C

SHELL HISTORICAL GROUNDWATER DATA

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-1	01/25/1991	1,500	2,500	460	<25	130	36	---	---	---	---	---	---	---	326.73	---	---	---
S-1	04/06/1991	2,600 a	6,700	2,600	14	580	250	---	---	---	---	---	---	---	326.73	---	---	---
S-1	07/24/1991	3,800 a	8,800	2,300	30	640	220	---	---	---	---	---	---	---	326.73	---	---	---
S-1	10/18/1991	3,300 a	12,000	3,600	380	990	580	---	---	---	---	---	---	---	326.73	8.85	317.88	---
S-1	01/23/1992	890	1,600	450	3	120	17	---	---	---	---	---	---	---	326.73	---	---	---
S-1	04/27/1992	500 a	1,100 g	610	<10	110	10	---	---	---	---	---	---	---	326.73	---	---	---
S-1	07/21/1992	290 c	5,100	1,900	54	460	140	---	---	---	---	---	---	---	326.73	---	---	---
S-1	10/16/1992	390 c	13,000	3,200	310	780	360	---	---	---	---	---	---	---	326.73	---	---	---
S-1	01/23/1993	30 d	2,300	640	<5.0	110	13	---	---	---	---	---	---	---	326.73	7.96	318.77	---
S-1	04/28/1993	390	4,600	780	<0.50	250	<0.50	---	---	---	---	---	---	---	326.73	9.07	317.66	---
S-1	09/22/1993	610 a	3,000	660	28	160	17	---	---	---	---	---	---	---	326.73	8.68	318.05	---
S-1	12/08/1993	280	520	210	<2.5	49	<2.5	---	---	---	---	---	---	---	326.73	8.23	318.50	---
S-1	03/04/1994	---	640	190	1.4	18	1.3	---	---	---	---	---	---	---	326.73	8.81	317.92	---
S-1 (D)	03/04/1994	---	640	180	1.7	17	1.3	---	---	---	---	---	---	---	326.73	8.81	317.92	---
S-1	06/16/1994	---	2,500	390	9.5	31	7.5	---	---	---	---	---	---	---	326.73	8.80	317.93	---
S-1 (D)	06/16/1994	---	2,000	410	7.8	120	20	---	---	---	---	---	---	---	326.73	8.80	317.93	---
S-1	09/13/1994	---	1,400	310	7.7	29	8.5	---	---	---	---	---	---	---	326.73	8.62	318.11	---
S-1 (D)	09/13/1994	---	1,400	240	7.9	44	6.3	---	---	---	---	---	---	---	326.73	8.62	318.11	---
S-1	05/05/1995	---	800	120	3.6	26	2.7	---	---	---	---	---	---	---	326.73	11.54	315.19	---
S-1 (D)	05/05/1995	---	710	110	3.4	19	2.7	---	---	---	---	---	---	---	326.73	11.54	315.19	---
S-1	05/21/1996	---	1,500	170	8.5	120	6.7	---	---	---	---	---	---	---	326.73	8.88	317.85	---
S-1	05/12/1997	---	4,700	200	15	210	20	2,300	---	---	---	---	---	---	326.73	11.19	315.54	2.4
S-1 (D)	05/12/1997	---	4,800	210	16	190	16	3,200	2,900	---	---	---	---	---	326.73	11.19	315.54	2.4
S-1	05/08/1998	---	500	18	2.1	2.3	2.0	1,000	---	---	---	---	---	---	326.73	8.38	318.35	2.1
S-1	06/27/1999	---	2,970	117	32.0	69.1	17.5	374	---	---	---	---	---	---	326.73	8.79	317.94	2.4
S-1	04/28/2000	---	1,920	50.5	15.0	67.2	46.7	276	---	---	---	---	---	---	326.73	8.50	318.23	2.8
S-1	05/30/2001	---	3,900	27	12	140	28	---	140	---	---	---	---	---	326.73	8.18	318.55	2.6
S-1	06/17/2002	---	2,700	25	11	51	14	---	140	---	---	---	---	---	326.73	8.39	318.34	3.2
S-1	05/30/2003	---	3,900	12	8.2	47	12	---	270	---	---	---	---	---	326.74	7.41	319.33	1.2
S-1	05/03/2004	---	3,700	32	21	170	34	---	410	---	---	---	---	---	326.74	11.18	315.56	2.4
S-1	01/14/2005	---	4,200	22	34	380	33	---	100	---	---	---	---	---	326.74	7.10	319.64	0.58
S-1	05/05/2005	---	5,000	33	110	970	210	---	190	630	<0.50	<0.50	0.95	---	326.74	11.32	315.42	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-1	08/05/2005	---	4,600 l	32 l	52 l	420 l	69 l	---	110 l	410 l	<40 l	<40 l	<40 l	---	326.74	9.04	317.70	---
S-1	09/16/2005	---	3,300	14	28	280	43	---	60	260	51	<10	<10	---	326.74	11.37	315.37	---
S-1	11/08/2005	---	4,700	19.2	47.0	416	84.0	---	50.2	<10.0	<0.500	<0.500	<0.500	---	326.74	9.06	317.68	---
S-1	01/31/2006	---	6,380	21.0	33.1	280	31.0	---	59.9	306	<0.500	<0.500	<0.500	---	326.74	8.12	318.62	---
S-1	05/16/2006	---	9,080	25.8	46.6	517	86.6 m	---	69.5	268	<0.500	<0.500	<0.500	---	326.74	7.95	318.79	---
S-1	08/23/2006	---	4,980	19.0	22.7	74.7	38.7	---	42.9	252	<0.500	<0.500	<0.500	---	326.74	7.95	318.79	---
S-1	11/13/2006	---	7,900	38	41	480	52	---	44	480	<5.0	<5.0	<5.0	---	326.74	7.99	318.75	---
S-1	02/01/2007	---	1,500	18	15	110	17	---	27	640	<10	<10	<10	---	326.74	8.19	318.55	---
S-1	05/23/2007	---	5,300 n	35	42	260	67.9	---	<5.0	720	<10	<10	<10	---	326.74	10.50	316.24	---
S-1	08/07/2007	---	6,900 n	26	31	240	40.9 o	---	30	270	<10	<10	<10	---	326.74	8.13	318.61	---
S-1	11/29/2007	---	840 n	16	18	120	14.5	---	26	190	<2.0	<2.0	<2.0	---	326.74	9.40	317.34	---
S-1	02/08/2008	---	4,500 n	25	39	410	37	---	28	330	<10	<10	<10	---	326.74	7.91	318.83	---
S-1	02/20/2008	---	5,700 n	29	56	650	89	---	35	200	<10	<10	<10	<500	326.74	8.70	318.04	---
S-1	03/07/2008	---	6,800 n	25	37	310	59.2	---	<5.0	240	<10	<10	<10	<500	326.74	10.54	316.20	---
S-1	03/21/2008	---	5,300	22	23	210	38.7	---	<2.0	220	<4.0	<4.0	<4.0	<200	326.74	9.79	316.95	---
S-1	04/08/2008	---	4,200	15	18	230	26.4	---	<2.0	240	<4.0	<4.0	<4.0	<200	326.74	8.27	318.47	---
S-1	04/21/2008	---	6,600	21	27	440	53	---	<2.0	170	<4.0	<4.0	<4.0	<200	326.74	8.17	318.57	---
S-1	05/06/2008	---	5,700	21	29	440	56	---	<5.0	270	<10	<10	<10	<500	326.74	8.00	318.74	---
S-1	05/21/2008	---	7,800	29	51	620	108	---	40	190	<10	<10	<10	<500	326.74	8.27	318.47	---
S-1	08/06/2008	---	7,600	17	27	140	30	---	24	180	<10	<10	<10	---	326.74	8.01	318.73	---
S-1	11/18/2008	---	6,500	27	35	310	45.0	---	22	180	<20	<20	<20	---	326.74	7.59	319.15	---
S-1	01/20/2009	---	5,100	19	21	140	22	---	21	230	<10	<10	<10	---	326.74	8.28	318.46	---
S-1	05/06/2009	---	6,100	26	37	520	51	---	27	180	<10	<10	<10	---	326.74	8.04	318.70	---
S-1	07/06/2009	---	5,800	25	34	370	44	---	22	180	<10	<10	<10	---	326.74	8.42	318.32	---
S-1	02/09/2010	---	8,800	18	33	340	37	---	13	66	---	---	---	---	326.74	8.18	318.56	---
S-1	08/12/2010	Unable to access		---	---	---	---	---	---	---	---	---	---	---	326.74	---	---	---
S-1	08/18/2010	---	4,000	15	26	87	34	---	10	---	---	---	---	---	326.74	7.92	318.82	---
S-1	02/01/2011	---	5,900 q	13	21	38	21	---	14	56	---	---	---	---	326.74	7.91	318.83	---
S-1	**07/28/2011**	**---**	**8,800**	**19**	**37**	**120**	**46**	**---**	**9.5**	**43**	**---**	**---**	**---**	**---**	**326.74**	**8.33**	**318.41**	**---**
S-2	01/25/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	---	---	---
S-2	04/16/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	---	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-2	07/24/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	---	---	---
S-2	10/18/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	8.83	317.76	---
S-2	01/23/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	---	---	---
S-2	04/27/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	---	---	---
S-2	07/17/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	---	---	---
S-2	10/16/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	---	---	---
S-2	01/23/1993	140 b	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	8.10	318.49	---
S-2	04/28/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	9.06	317.53	---
S-2	09/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	326.59	8.91	317.68	---
S-2	12/08/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	326.59	9.07	317.52	---
S-2	03/04/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	326.59	8.90	317.69	---
S-2	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	326.59	8.98	317.61	---
S-2	09/13/1994	---	<50	<0.50	2.5	<0.50	<0.50	---	---	---	---	---	---	---	326.59	8.78	317.81	---
S-2	05/05/1995	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	8.60	317.99	---
S-2	05/21/1996	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.59	8.75	317.84	---
S-2	05/12/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	326.59	8.72	317.87	3.4
S-2	05/08/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	326.59	8.63	317.96	3.1
S-2	06/27/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	---	---	---	---	---	326.59	8.79	317.80	2.6
S-2	04/28/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	326.59	8.33	318.26	2.0
S-2	05/30/2001	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	326.59	8.56	318.03	1.8
S-2	06/17/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	326.59	8.87	317.72	---
S-2	05/30/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	18	---	---	---	---	---	326.47	7.89	318.58	1.7
S-2	05/03/2004	---	<250	<2.5	<2.5	<2.5	<5.0	---	510	---	---	---	---	---	326.47	5.44	321.03	0.1
S-2	01/14/2005	---	<250	<2.5	<2.5	<2.5	<5.0	---	270	---	---	---	---	---	326.47	7.88	318.59	---
S-2	05/05/2005	---	<50	<0.50	<0.50	<0.50	<0.50	---	280	8.9 j	<0.50	<0.50	0.55	---	326.47	8.14	318.33	---
S-2	08/05/2005	---	<50 l	<0.50 l	<0.50 l	<0.50 l	<1.0 l	---	320 l	510 l	<2.0 l	<2.0 l	<2.0 l	---	326.47	8.24	318.23	---
S-2	09/16/2005	---	<250	<2.5	<2.5	<2.5	<5.0	---	320	1,800	<10	<10	<10	---	326.47	8.06	318.41	---
S-2	11/08/2005	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	375	1,130	<0.500	<0.500	0.610	---	326.47	8.20	318.27	---
S-2	01/31/2006	---	281	<0.500	<0.500	<0.500	<0.500	---	354	3,090	<0.500	<0.500	<0.500	---	326.47	8.18	318.29	---
S-2	05/16/2006	---	785	<0.500	<0.500	<0.500	<0.500	---	282	3,250	<0.500	<0.500	<0.500	---	326.47	8.34	318.13	---
S-2	08/23/2006	---	344	<0.500	<0.500	<0.500	<0.500	---	194	10,600	<0.500	<0.500	0.560	---	326.47	8.32	318.15	---
S-2	11/13/2006	---	320	<5.0 f	<5.0 f	<5.0 f	<5.0 f	---	140 f	6,000 f	<5.0 f	<5.0 f	<5.0 f	---	326.50	8.37	318.13	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-2	02/01/2007	---	160	<0.50	<0.50	<0.50	<1.0	---	130	3,900	<2.0	<2.0	<2.0	---	326.50	8.13	318.37	---
S-2	05/23/2007	---	120 n	<0.50	<1.0	<1.0	<1.0	---	110	1,500	<2.0	<2.0	<2.0	---	326.50	8.55	317.95	---
S-2	08/07/2007	---	93 n,p	<2.5	<5.0	<5.0	<5.0	---	120	1,700	<10	<10	<10	---	326.50	8.26	318.24	---
S-2	11/29/2007	---	110 n,p	<0.50	<1.0	<1.0	<1.0	---	98	880	<2.0	<2.0	<2.0	---	326.50	8.29	318.21	---
S-2	02/08/2008	---	110 n,p	<0.50	<1.0	<1.0	<1.0	---	110	830	<2.0	<2.0	<2.0	---	326.50	8.07	318.43	---
S-2	02/20/2008	---	73 n,p	<0.50	<1.0	<1.0	<1.0	---	100	650	<2.0	<2.0	<2.0	<100	326.50	8.30	318.20	---
S-2	03/07/2008	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	57	240	<2.0	<2.0	<2.0	<100	326.50	9.25	317.25	---
S-2	03/21/2008	---	73	<0.50	<1.0	<1.0	<1.0	---	91	480	<2.0	<2.0	<2.0	<100	326.50	9.01	317.49	---
S-2	04/08/2008	---	88	<0.50	<1.0	<1.0	<1.0	---	72	310	<2.0	<2.0	<2.0	<100	326.50	8.46	318.04	---
S-2	04/21/2008	---	60	<0.50	<1.0	<1.0	<1.0	---	8.6	310	<2.0	<2.0	<2.0	<100	326.50	9.60	316.90	---
S-2	05/06/2008	---	62	<0.50	<1.0	<1.0	<1.0	---	53	300	<2.0	<2.0	<2.0	<100	326.50	10.55	315.95	---
S-2	05/21/2008	---	130	<0.50	<1.0	<1.0	<1.0	---	61	320	<2.0	<2.0	<2.0	<100	326.50	9.43	317.07	---
S-2	08/06/2008	---	76	<0.50	<1.0	<1.0	<1.0	---	46	77	<2.0	<2.0	<2.0	---	326.50	8.41	318.09	---
S-2	11/18/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	42	18	<2.0	<2.0	<2.0	---	326.50	8.38	318.12	---
S-2	01/20/2009	---	57	<0.50	<1.0	<1.0	<1.0	---	46	13	<2.0	<2.0	<2.0	---	326.50	8.64	317.86	---
S-2	05/06/2009	---	64	<0.50	<1.0	<1.0	<1.0	---	58	<10	<2.0	<2.0	<2.0	---	326.50	8.31	318.19	---
S-2	07/06/2009	---	110	<0.50	<1.0	<1.0	<1.0	---	59	<10	<2.0	<2.0	<2.0	---	326.50	8.53	317.97	---
S-2	02/09/2010	---	62	<0.50	<1.0	<1.0	<1.0	---	42	<10	---	---	---	---	326.50	8.20	318.30	---
S-2	08/12/2010	Unable to access		---	---	---	---	---	---	---	---	---	---	---	326.50	---	---	---
S-2	08/18/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	24	---	---	---	---	---	326.50	8.40	318.10	---
S-2	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	6.9	<10	---	---	---	---	326.50	8.39	318.11	---
S-2	**07/28/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**20**	**<10**	**---**	**---**	**---**	**---**	**326.50**	**8.49**	**318.01**	**---**
S-3	01/25/1991	330	870	230	<2.5	130	<2.5	---	---	---	---	---	---	---	327.38	---	---	---
S-3	04/16/1991	140 a	190	12	0.80	6.2	1.5	---	---	---	---	---	---	---	327.38	---	---	---
S-3	07/24/1991	1,200 a	1,700	450	4.4	150	2.9	---	---	---	---	---	---	---	327.38	---	---	---
S-3	10/18/1991	500	1,900	370	3.1	120	220	---	---	---	---	---	---	---	327.38	9.64	317.74	---
S-3	01/23/1992	650 a	2,000	580	3.0	200	<0.5	---	---	---	---	---	---	---	327.38	---	---	---
S-3	04/27/1992	230 a	1,100	150	<3.0	76	14	---	---	---	---	---	---	---	327.38	---	---	---
S-3	07/17/1992	58	810	200	<2.5	57	3.8	---	---	---	---	---	---	---	327.38	---	---	---
S-3	10/16/1992	190 c	440	79	1.8	18	4.6	---	---	---	---	---	---	---	327.38	---	---	---
S-3	01/23/1993	170 d	670	79	1.5	46	15	---	---	---	---	---	---	---	327.38	8.81	318.57	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-3	04/28/1993	<50	2,000	300	3.4	210	38	---	---	---	---	---	---	---	327.38	9.87	317.51	---
S-3	09/22/1993	670 a	4,800	2,000	34	150	51	---	---	---	---	---	---	---	327.38	9.65	317.73	---
S-3	12/08/1993	11	1,200	440	<5.0	120	29	---	---	---	---	---	---	---	327.38	9.26	318.12	---
S-3	03/04/1994	---	630	130	<0.50	17	0.80	---	---	---	---	---	---	---	327.38	9.64	317.74	---
S-3	06/16/1994	---	1,800	430	19	35	21	---	---	---	---	---	---	---	327.38	9.78	317.60	---
S-3	05/05/1995	---	160	50	0.90	7.2	4.1	---	---	---	---	---	---	---	327.38	9.38	318.00	---
S-3	05/21/1996	---	270	45	<0.50	1.4	<0.50	---	---	---	---	---	---	---	327.38	9.41	317.97	---
S-3 (D)	05/21/1996	---	210	<0.5	<0.50	0.95	<0.50	---	---	---	---	---	---	---	327.38	9.41	317.97	---
S-3	05/12/1997	---	420	<1.0	<1.0	<1.0	<1.0	57	---	---	---	---	---	---	327.38	9.30	318.08	2.5
S-3	05/08/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	327.38	9.12	318.26	2.2
S-3	06/27/1999	---	106	8.51	<0.500	<0.500	<0.500	31.0	---	---	---	---	---	---	327.38	9.39	317.99	2.1
S-3	04/28/2000	---	139	7.58	<0.500	<0.500	<0.500	42.6	---	---	---	---	---	---	327.38	9.04	318.34	1.8
S-3	05/30/2001	---	2,200	510	6.9	100	21	---	33	---	---	---	---	---	327.38	9.19	318.19	2.0
S-3	06/17/2002	---	600	150	2.1	30	11	---	36	---	---	---	---	---	327.38	9.35	318.03	0.1
S-3	05/30/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	9.0	---	---	---	---	---	327.04	8.39	318.65	1.2
S-3	05/03/2004	---	61 k	0.90	<0.50	<0.50	<1.0	---	9.8	---	---	---	---	---	327.04	8.73	318.31	1.2
S-3	01/14/2005	---	94	4.6	<0.50	3.1	1.0	---	13	---	---	---	---	---	327.04	8.00	319.04	---
S-3	05/05/2005	---	<50	<0.50	<0.50	<0.50	<0.50	---	5.7	<5.0	<0.50	<0.50	<0.50	---	327.04	8.31	318.73	---
S-3	08/05/2005 l	---	<50 l	0.51 l	<0.50 l	<0.50 l	<1.0 l	---	6.0 l	42 l	<2.0 l	<2.0 l	<2.0 l	---	327.04	8.32	318.72	---
S-3	09/16/2005	---	<50	0.62	<0.50	<0.50	<1.0	---	7.9	<5.0	<2.0	<2.0	<2.0	---	327.04	8.29	318.75	---
S-3	11/08/2005	---	166	63.0	1.32	7.20	2.99	---	8.67	<10.0	<0.500	<0.500	<0.500	---	327.04	8.17	318.87	---
S-3	01/31/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	7.05	<10.0	<0.500	<0.500	<0.500	---	327.04	8.05	318.99	---
S-3	05/16/2006	---	<50.0	3.23	<0.500	1.42	1.63 m	---	3.92	<10.0	<0.500	<0.500	<0.500	---	327.04	8.62	318.42	---
S-3	08/23/2006	---	<50.0	18.9	<0.500	1.72	0.800	---	7.65	<10.0	<0.500	<0.500	<0.500	---	327.04	8.54	318.50	---
S-3	11/13/2006	---	530	130 f	3.4 f	10 f	4.6 f	---	17 f	<80 f	<2.0 f	<2.0 f	<2.0 f	---	327.01	8.65	318.36	---
S-3	02/01/2007	---	430	230	4.4	4.0	<5.0	---	17	<25	<10	<10	<10	---	327.01	8.41	318.60	---
S-3	05/23/2007	---	1,400 n	370	11	17	11.58 o	---	21	12	<2.0	<2.0	<2.0	---	327.01	8.37	318.64	---
S-3	08/07/2007	---	1,000 n	150	4.6 o	4.1 o	4.0 o	---	21	<50	<10	<10	<10	---	327.01	8.59	318.42	---
S-3	11/29/2007	---	710 n	110	3.1	3.8	5.3 o	---	17	<10	<2.0	<2.0	<2.0	---	327.01	8.78	318.23	---
S-3	02/08/2008	---	300 n	2.7	<1.0	<1.0	<1.0	---	19	<10	<2.0	<2.0	<2.0	---	327.01	8.05	318.96	---
S-3	02/20/2008	---	620 n	150	4.1	11	11	---	19	<10	<2.0	<2.0	<2.0	<100	327.01	8.57	318.44	---
S-3	03/07/2008	---	170 n	15	<1.0	2.5	4.0	---	12	<10	<2.0	<2.0	<2.0	<100	327.01	8.87	318.14	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-3	03/21/2008	---	68	4.8	<1.0	1.3	1.6	---	8.6	<10	<2.0	<2.0	<2.0	<100	327.01	9.00	318.01	---
S-3	04/08/2008	---	170	7.8	<1.0	2.6	4.0	---	8.1	<10	<2.0	<2.0	<2.0	<100	327.01	8.55	318.46	---
S-3	04/21/2008	---	350	2.8	<1.0	1.2	1.9	---	12	<10	<2.0	<2.0	<2.0	<100	327.01	8.65	318.36	---
S-3	05/06/2008	---	210	2.3	<1.0	<1.0	<1.0	---	9.1	<10	<2.0	<2.0	<2.0	<100	327.01	8.60	318.41	---
S-3	05/21/2008	---	430	21	<1.0	3.5	4.2	---	17	<10	<2.0	<2.0	<2.0	<100	327.01	8.81	318.20	---
S-3	08/06/2008	---	210	<0.50	<1.0	<1.0	<1.0	---	13	11	<2.0	<2.0	<2.0	---	327.01	8.71	318.30	---
S-3	11/18/2008	---	930	130	3.5	15	19	---	18	10	<2.0	<2.0	<2.0	---	327.01	8.79	318.22	---
S-3	01/20/2009	---	950	100	1.2	1.8	<1.0	---	18	16	<2.0	<2.0	<2.0	---	327.01	9.10	317.91	---
S-3	05/06/2009	---	2,000	490	5.9	14	4.8	---	21	14	<2.0	<2.0	<2.0	---	327.01	8.51	318.50	---
S-3	07/06/2009	---	2,300	500	10	30	13	---	21	<50	<10	<10	<10	---	327.01	8.80	318.21	---
S-3	02/09/2010	---	1,400	180	4.7	11	13	---	12	32	---	---	---	---	327.01	8.36	318.65	---
S-3	08/12/2010	---	1,300	270	3.5	47	46	---	4.5	21	---	---	---	---	327.01	8.46	318.55	---
S-3	08/18/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	327.01	8.43	318.58	---
S-3	02/01/2011	---	900	<0.50	<0.50	<0.50	<1.0	---	8.8	20	---	---	---	---	327.01	8.75	318.26	---
S-3	**07/28/2011**	**---**	**1,100**	**110**	**1.0**	**23**	**3.2**	**---**	**15**	**22**	**---**	**---**	**---**	**---**	**327.01**	**8.83**	**318.18**	**---**
S-4	01/25/1991	<50	<50	<0.50	1.5	<0.50	2.8	---	---	---	---	---	---	---	327.38	---	---	---
S-4	04/16/1991	0.7	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	---	---	---
S-4	07/24/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	---	---	---
S-4	10/18/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	8.82	318.56	---
S-4	01/23/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	---	---	---
S-4	04/27/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	---	---	---
S-4	07/17/1992	74	<500	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	---	---	---
S-4	10/16/1992	<50	<500	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	---	---	---
S-4	01/23/1993	94 b	<500	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	8.32	319.06	---
S-4	04/28/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	9.76	317.62	---
S-4	09/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	327.38	9.30	318.08	---
S-4	12/08/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	327.38	9.74	317.64	---
S-4	03/04/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	327.38	9.60	317.78	---
S-4	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	327.38	9.42	317.96	---
S-4	05/05/1995	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	9.02	318.36	---
S-4	05/21/1996	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.38	9.29	318.09	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-4	05/12/1997	---	<50	<0.50	<0.50	<0.50	<0.50	140	---	---	---	---	---	---	327.38	7.95	319.43	2.5
S-4	05/08/1998	---	<50	<0.50	<0.50	<0.50	<0.50	250	---	---	---	---	---	---	327.38	8.96	318.42	2.0
S-4	06/27/1999	---	303	35.8	24.8	12.4	69.8	106	---	---	---	---	---	---	327.38	8.90	318.48	2.6
S-4	04/28/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	40.2	---	---	---	---	---	---	327.38	8.37	319.01	1.9
S-4	05/30/2001	---	<50	<0.50	<0.50	<0.50	<0.50	---	6.8	---	---	---	---	---	327.38	8.83	318.55	1.8
S-4	06/17/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	31	---	---	---	---	---	327.38	9.37	318.01	4.8
S-4	05/30/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	130	---	---	---	---	---	327.24	8.46	318.78	1.4
S-4	05/03/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	170	---	---	---	---	---	327.24	8.70	318.54	1.1
S-4	01/14/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	25	---	---	---	---	---	327.24	8.17	319.07	---
S-4	05/05/2005	---	<50	<0.50	<0.50	<0.50	<0.50	---	15	<5.0	<0.50	<0.50	<0.50	---	327.24	8.25	318.99	---
S-4	08/05/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	6.1	<5.0	<2.0	<2.0	<2.0	---	327.24	8.14	319.10	---
S-4	11/08/2005	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.01	<10.0	<0.500	<0.500	<0.500	---	327.24	8.33	318.91	---
S-4	01/31/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	327.24	8.29	318.95	---
S-4	05/16/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	327.24	8.46	318.78	---
S-4	08/23/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	327.24	8.34	318.90	---
S-4	11/13/2006	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<20	<0.50	<0.50	<0.50	---	327.24	8.23	319.01	---
S-4	02/01/2007	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	327.24	8.56	318.68	---
S-4	05/23/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	0.60 o	<10	<2.0	<2.0	<2.0	---	327.24	7.92	319.32	---
S-4	08/07/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	0.32 o	<10	<2.0	<2.0	<2.0	---	327.24	8.52	318.72	---
S-4	11/29/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	327.24	8.58	318.66	---
S-4	02/08/2008	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	327.24	8.07	319.17	---
S-4	05/21/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<100	327.24	8.80	318.44	---
S-4	08/06/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	327.24	8.73	318.51	---
S-4	11/18/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	327.24	8.77	318.47	---
S-4	01/20/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	327.24	9.32	317.92	---
S-4	05/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	327.24	8.45	318.79	---
S-4	07/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	327.24	8.79	318.45	---
S-4	02/09/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	327.24	8.59	318.65	---
S-4	08/12/2010	Unable to access		---	---	---	---	---	---	---	---	---	---	---	327.24	---	---	---
S-4	08/18/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	327.24	8.50	318.74	---
S-4	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	327.24	8.71	318.53	---
S-4	**07/28/2011**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**327.24**	**8.64**	**318.60**	**—**

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-5	01/25/1991	<50	<50	<0.50	<0.50	<0.50	0.70	---	---	---	---	---	---	---	327.76	---	---	---
S-5	04/16/1991	<50	<50	<0.50	<0.50	<0.50	0.80	---	---	---	---	---	---	---	327.76	---	---	---
S-5	07/24/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	---	---	---
S-5	10/18/1991	<50	120 e	4.3	<0.50	1.0	0.70	---	---	---	---	---	---	---	327.76	10.00	317.76	---
S-5	01/23/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	---	---	---
S-5	04/27/1992	<50	50	<0.50	<0.50	<0.50	0.60	---	---	---	---	---	---	---	327.76	---	---	---
S-5	07/17/1992	70	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	---	---	---
S-5	10/16/1992	57	230	13	<0.50	4.9	4.3	---	---	---	---	---	---	---	327.76	---	---	---
S-5	01/23/1993	150 b	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	8.88	318.88	---
S-5	04/28/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	10.20	317.56	---
S-5	09/22/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	9.92	317.84	---
S-5	12/08/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	10.19	317.57	---
S-5	03/04/1994	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	9.95	317.81	---
S-5	06/16/1994	---	<50	0.90	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	10.02	317.74	---
S-5	05/05/1995	---	<50	<0.5	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	327.76	9.58	318.18	---
S-5	05/21/1996	---	<50	<0.5	<0.50	<0.5	<0.50	---	---	---	---	---	---	---	327.76	9.84	317.92	---
S-5	05/12/1997	---	360	3.3	<0.50	17	9.8	130	---	---	---	---	---	---	327.76	9.16	318.60	4.2
S-5	05/08/1998	---	<50	<0.50	<0.50	<0.50	<0.50	92	---	---	---	---	---	---	327.76	9.25	318.51	3.8
S-5 (D)	05/08/1998	---	<50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---	---	---	327.76	9.25	318.51	3.8
S-5	06/27/1999	---	223	13.7	12.9	8.20	45.8	106	---	---	---	---	---	---	327.76	9.39	318.37	3.0
S-5	04/28/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	255	---	---	---	---	---	---	327.76	9.43	318.33	1.2
S-5	05/30/2001	---	<100	<1.0	<1.0	<1.0	<1.0	---	480	---	---	---	---	---	327.76	9.47	318.29	1.1
S-5	06/17/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	210	---	---	---	---	---	327.76	9.74	318.02	0.2
S-5	05/30/2003	---	<250	<2.5	<2.5	<2.5	<5.0	---	450	---	---	---	---	---	327.43	8.87	318.56	1.7
S-5	05/03/2004	---	<250	<2.5	<2.5	<2.5	<5.0	---	470	---	---	---	---	---	327.43	9.10	318.33	0.7
S-5	01/14/2005	---	<100	<1.0	<1.0	<1.0	<2.0	---	230	---	---	---	---	---	327.43	8.43	319.00	---
S-5	05/05/2005	---	76	16	<0.50	<0.50	<0.50	---	120	630	<0.50	<0.50	<0.50	---	327.43	8.71	318.72	---
S-5	08/05/2005	---	1,900 l	57 l	7.5 l	22 l	17 l	---	240 l	480 l	<4 l	<4 l	<4 l	---	327.43	8.90	318.53	---
S-5	09/16/2005	---	1,400	87	2.0	7.8	5.8	---	75	630	<4.0	<4.0	<4.0	---	327.43	8.84	318.59	---
S-5	11/08/2005	---	315	35.8	<0.500	<0.500	1.07	---	49.1	<10.0	<0.500	<0.500	<0.500	---	327.43	8.86	318.57	---
S-5	01/31/2006	---	335	7.74	<0.500	<0.500	<0.500	---	48.2	337	<0.500	<0.500	<0.500	---	327.43	8.66	318.77	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-5	05/16/2006	---	349	3.54	<0.500	<0.500	<0.500	---	24.7	182	<0.500	<0.500	<0.500	---	327.43	9.00	318.43	---
S-5	08/23/2006	---	<50.0	5.39	<0.500	<0.500	<0.500	---	17.0	91.0	<0.500	<0.500	<0.500	---	327.43	8.97	318.46	---
S-5	11/13/2006	---	420	19	1.7	<0.50	1.7	---	19	80	<0.50	<0.50	<0.50	---	327.43	8.77	318.66	---
S-5	02/01/2007	---	280	14	2.1	<0.50	1.4	---	13	42	<2.0	<2.0	<2.0	---	327.43	9.30	318.13	---
S-5	05/23/2007	---	590 n	19	2.0	<1.0	0.92 o	---	11	24	<2.0	<2.0	<2.0	---	327.43	8.73	318.70	---
S-5	08/07/2007	---	450 n	10	1.0	<1.0	<1.0	---	13	17	<2.0	<2.0	<2.0	---	327.43	9.00	318.43	---
S-5	11/29/2007	---	340 n	4.1	0.34 o	<1.0	<1.0	---	7.1	<10	<2.0	<2.0	<2.0	---	327.43	9.06	318.37	---
S-5	02/08/2008	---	270 n	4.7	<1.0	<1.0	<1.0	---	6.0	<10	<2.0	<2.0	<2.0	---	327.43	8.75	318.68	---
S-5	02/20/2008	---	340 n	4.6	<1.0	<1.0	<1.0	---	5.5	<10	<2.0	<2.0	<2.0	<100	327.43	9.03	318.40	---
S-5	03/07/2008	---	220 n	1.8	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<100	327.43	9.20	318.23	---
S-5	03/21/2008	---	150	0.71	<1.0	<1.0	<1.0	---	5.2	<10	<2.0	<2.0	<2.0	<100	327.43	9.43	318.00	---
S-5	04/08/2008	---	120	0.76	<1.0	<1.0	<1.0	---	5.2	<10	<2.0	<2.0	<2.0	<100	327.43	9.11	318.32	---
S-5	04/21/2008	---	190	0.63	<1.0	<1.0	<1.0	---	3.4	<10	<2.0	<2.0	<2.0	<100	327.43	9.17	318.26	---
S-5	05/06/2008	---	150	1.0	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	190	327.43	8.80	318.63	---
S-5	05/21/2008	---	250	1.6	<1.0	<1.0	<1.0	---	3.8	<10	<2.0	<2.0	<2.0	<100	327.43	9.20	318.23	---
S-5	08/06/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	6.2	<10	<2.0	<2.0	<2.0	---	327.43	9.11	318.32	---
S-5	11/18/2008	---	93	<0.50	<1.0	<1.0	<1.0	---	3.5	<10	<2.0	<2.0	<2.0	---	327.43	9.06	318.37	---
S-5	01/20/2009	---	59	<0.50	<1.0	<1.0	<1.0	---	2.7	<10	<2.0	<2.0	<2.0	---	327.43	9.60	317.83	---
S-5	05/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	2.5	<10	<2.0	<2.0	<2.0	---	327.43	8.94	318.49	---
S-5	07/06/2009	---	62	<0.50	<1.0	<1.0	<1.0	---	2.5	11	<2.0	<2.0	<2.0	---	327.43	9.18	318.25	---
S-5	02/09/2010	---	130	2.3	<1.0	<1.0	<1.0	---	2.4	<10	---	---	---	---	327.43	8.90	318.53	---
S-5	08/12/2010	---	220	3.3	<1.0	<1.0	<1.0	---	2.8	<10	---	---	---	---	327.43	9.22	318.21	---
S-5	08/18/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	327.43	9.12	318.31	---
S-5	02/01/2011	---	130	0.95	<0.50	<0.50	<1.0	---	1.6	<10	---	---	---	---	327.43	9.09	318.34	---
S-5	**07/28/2011**	**---**	**190**	**1.1**	**<0.50**	**<0.50**	**<1.0**	**---**	**1.4**	**<10**	**---**	**---**	**---**	**---**	**327.43**	**9.26**	**318.17**	**---**
S-6	01/25/1991	<50	<50	<0.50	1.7	<0.5	2.8	---	---	---	---	---	---	---	326.56	---	---	---
S-6	04/16/1991	<50	<50	<0.50	<0.50	<0.50	0.6	---	---	---	---	---	---	---	326.56	---	---	---
S-6	07/24/1991	<50	<50	<0.50	<0.50	<0.50	0.5	---	---	---	---	---	---	---	326.56	---	---	---
S-6	10/18/1991	<50	<50	<0.50	<0.50	<0.50	0.5	---	---	---	---	---	---	---	326.56	8.84	317.72	---
S-6	01/23/1992	<50	<50	<0.50	<0.50	<0.50	0.5	---	---	---	---	---	---	---	326.56	---	---	---
S-6	04/27/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	---	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-6	07/17/1992	130	400	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	---	---	---
S-6	10/16/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	---	---	---
S-6	01/23/1993	230 b	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	7.82	318.74	---
S-6	04/28/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	9.00	317.56	---
S-6	09/22/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	8.61	317.95	---
S-6	12/08/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	10.02	316.54	---
S-6	03/04/1994	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	8.88	317.68	---
S-6	06/16/1994	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	9.04	317.52	---
S-6	05/05/1995	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	8.54	318.02	---
S-6	05/21/1996	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.56	8.62	317.94	---
S-6	05/12/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	326.56	8.60	317.96	2.6
S-6	05/08/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	326.56	7.90	318.66	2.2
S-6	06/27/1999	---	430	50.1	30.5	15.2	83.5	8.05	---	---	---	---	---	---	326.56	8.01	318.55	2.3
S-6	04/28/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	326.56	8.84	317.72	2.0
S-6	05/30/2001	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	326.56	8.54	318.02	1.9
S-6	06/17/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	326.56	8.48	318.08	1.3
S-6	05/30/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	8.7	---	---	---	---	---	326.35	7.36	318.99	1.0
S-6	05/03/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	326.35	8.08	318.27	0.9
S-6	01/14/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	326.35	7.38	318.97	---
S-6	05/05/2005	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<5.0	<0.50	<0.50	<0.50	---	326.35	7.55	318.80	---
S-6	08/05/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	326.35	7.61	318.74	---
S-6	11/08/2005	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	326.35	7.64	318.71	---
S-6	01/31/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	30.5	<0.500	<0.500	<0.500	---	326.35	7.90	318.45	---
S-6	05/16/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	326.35	8.16	318.19	---
S-6	08/23/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	10.9	<0.500	<0.500	<0.500	---	326.35	7.77	318.58	---
S-6	11/13/2006	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<20	<0.50	<0.50	<0.50	---	326.35	8.15	318.20	---
S-6	02/01/2007	---	<50	<0.50	<0.50	<0.50	<1.0	---	1.2	<5.0	<2.0	<2.0	<2.0	---	326.35	8.36	317.99	---
S-6	05/23/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.35	7.80	318.55	---
S-6	08/07/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	0.39 o	<10	<2.0	<2.0	<2.0	---	326.35	8.07	318.28	---
S-6	11/29/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.35	8.17	318.18	---
S-6	02/08/2008	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.35	7.67	318.68	---
S-6	05/21/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<100	326.35	8.17	318.18	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-6	08/06/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.35	7.89	318.46	---
S-6	11/18/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.35	8.30	318.05	---
S-6	01/20/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.35	8.01	318.34	---
S-6	05/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.35	7.96	318.39	---
S-6	07/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.35	8.32	318.03	---
S-6	02/09/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	326.35	7.99	318.36	---
S-6	08/12/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	326.35	7.84	318.51	---
S-6	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	326.35	7.96	318.39	---
S-6	**07/28/2011**	---	---	---	---	---	---	---	---	---	---	---	---	---	**326.35**	**8.46**	**317.89**	---
S-7	01/25/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	---	---	---
S-7	04/16/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	---	---	---
S-7	07/24/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	---	---	---
S-7	10/18/1991	140 f	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	8.92	317.57	---
S-7	01/23/1992	140 f	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	---	---	---
S-7	04/27/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	---	---	---
S-7	07/17/1992	<50	<50	<0.50	1.8	0.60	4.1	---	---	---	---	---	---	---	326.49	---	---	---
S-7	10/16/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	---	---	---
S-7	01/23/1993	110 b	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	8.06	318.43	---
S-7	04/28/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	8.94	317.55	---
S-7	09/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	326.49	8.57	317.92	---
S-7	12/08/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	326.49	9.00	317.49	---
S-7	03/04/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	326.49	8.96	317.53	---
S-7	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	326.49	9.12	317.37	---
S-7	05/05/1995	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	8.58	317.91	---
S-7	05/21/1996	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	326.49	8.64	317.85	---
S-7	05/12/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	326.49	8.74	317.75	2.3
S-7	05/08/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	326.49	8.00	318.49	2.5
S-7	06/27/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	---	---	---	---	---	326.49	8.75	317.74	2.9
S-7	04/28/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	326.49	8.96	317.53	2.2
S-7	05/30/2001	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	326.49	8.65	317.84	2.0
S-7	06/17/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	326.49	8.55	317.94	2.3

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-7	05/30/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	12	---	---	---	---	---	326.36	7.88	318.48	1.8
S-7	05/03/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	100	---	---	---	---	---	326.36	8.30	318.06	1.2
S-7	01/14/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	41	---	---	---	---	---	326.36	7.70	318.66	---
S-7	05/05/2005	---	<50	<0.50	<0.50	<0.50	<0.50	---	91	<5.0	<0.50	<0.50	6.8	---	326.36	7.60	318.76	---
S-7	08/05/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	100	<5.0	<2.0	<2.0	7.5	---	326.36	8.42	317.94	---
S-7	11/08/2005	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	124	<10.0	<0.500	<0.500	8.70	---	326.36	7.61	318.75	---
S-7	01/31/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	93.0	<10.0	<0.500	<0.500	4.50	---	326.36	7.85	318.51	---
S-7	05/16/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	76.3	<10.0	<0.500	<0.500	2.98	---	326.36	8.08	318.28	---
S-7	08/23/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	34.7	<10.0	<0.500	<0.500	2.02	---	326.36	7.93	318.43	---
S-7	11/13/2006	---	<50	<0.50	<0.50	<0.50	<0.50	---	27	<20	<0.50	<0.50	1.6	---	326.36	8.15	318.21	---
S-7	02/01/2007	---	<50	<0.50	<0.50	<0.50	<1.0	---	45	28	<2.0	<2.0	2.9	---	326.36	8.35	318.01	---
S-7	05/23/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	1.7	<10	<2.0	<2.0	<2.0	---	326.36	8.11	318.25	---
S-7	08/07/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	23	<10	<2.0	<2.0	<2.0	---	326.36	8.36	318.00	---
S-7	11/29/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	10	<10	<2.0	<2.0	<2.0	---	326.36	8.19	318.17	---
S-7	02/08/2008	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	9.2	<10	<2.0	<2.0	<2.0	---	326.36	7.73	318.63	---
S-7	05/21/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	8.8	<10	<2.0	<2.0	<2.0	<100	326.36	8.10	318.26	---
S-7	08/06/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	1.2	<10	<2.0	<2.0	<2.0	---	326.36	8.49	317.87	---
S-7	11/18/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	7.6	<10	<2.0	<2.0	<2.0	---	326.36	8.31	318.05	---
S-7	01/20/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	7.7	<10	<2.0	<2.0	<2.0	---	326.36	8.39	317.97	---
S-7	05/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	6.4	<10	<2.0	<2.0	<2.0	---	326.36	8.39	317.97	---
S-7	07/06/2009	---	58	<0.50	<1.0	<1.0	<1.0	---	4.3	<10	<2.0	<2.0	<2.0	---	326.36	8.63	317.73	---
S-7	02/09/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	8.4	<10	---	---	---	---	326.36	8.15	318.21	---
S-7	08/12/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	326.36	7.98	318.38	---
S-7	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	62	33	---	---	---	---	326.36	8.18	318.18	---
S-7	**07/28/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**21**	**<10**	**---**	**---**	**---**	**---**	**326.36**	**8.84**	**317.52**	**---**
S-8	01/25/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	---	---	---
S-8	04/16/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	---	---	---
S-8	07/24/1991	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	---	---	---
S-8	10/18/1991	360 f	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.62	317.70	---
S-8	01/23/1992	90	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	---	---	---
S-8	04/27/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	---	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-8	07/17/1992	<50	53	<0.50	1.0	<0.50	1.8	---	---	---	---	---	---	---	325.32	---	---	---
S-8	10/16/1992	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	---	---	---
S-8	01/23/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.00	318.32	---
S-8	04/28/1993	<50	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.77	317.55	---
S-8	09/22/1993	160	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.67	317.65	---
S-8	12/08/1993	210	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.76	317.56	---
S-8	03/04/1994	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.66	317.66	---
S-8	06/16/1994	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.78	317.54	---
S-8	05/05/1995	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.42	317.90	---
S-8	05/21/1996	---	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	325.32	7.50	317.82	---
S-8	05/12/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	325.32	7.56	317.76	1.6
S-8	05/08/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	325.32	7.64	317.68	2.0
S-8	06/27/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	---	---	---	---	---	325.32	7.75	317.57	2.3
S-8	04/28/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	325.32	8.02	317.30	1.8
S-8	05/30/2001	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	325.32	7.34	317.98	1.8
S-8	06/17/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	325.32	7.45	317.87	1.8
S-8	05/30/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	14	---	---	---	---	---	325.03	7.39	317.64	3.0
S-8	05/03/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	325.03	7.00	318.03	1.0
S-8	01/14/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	325.03	8.65	316.39	---
S-8	05/05/2005	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<5.0	<0.50	<0.50	<0.50	---	325.03	6.73	318.30	---
S-8	08/05/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	325.03	6.93	318.10	---
S-8	11/08/2005	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	325.03	6.95	318.08	---
S-8	01/31/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	325.03	6.91	318.12	---
S-8	05/16/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	325.03	7.02	318.01	---
S-8	08/23/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	325.03	6.98	318.05	---
S-8	11/13/2006	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<20	<0.50	<0.50	<0.50	---	325.03	7.09	317.94	---
S-8	02/01/2007	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	325.03	7.27	317.76	---
S-8	05/23/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	6.80	318.23	---
S-8	08/07/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	7.04	317.99	---
S-8	11/29/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	7.04	317.99	---
S-8	02/08/2008	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	6.77	318.26	---
S-8	05/21/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<100	325.03	7.10	317.93	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-8	08/06/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	6.94	318.09	---
S-8	11/18/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	7.10	317.93	---
S-8	01/20/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	7.18	317.85	---
S-8	01/20/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	7.18	317.85	---
S-8	05/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	7.01	318.02	---
S-8	07/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.03	7.83	317.20	---
S-8	02/09/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	325.03	6.91	318.12	---
S-8	08/12/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	325.03	7.14	317.89	---
S-8	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	325.03	7.04	317.99	---
S-8	**07/28/2011**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**325.03**	**7.19**	**317.84**	**---**
S-9	11/22/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	325.89	7.61	318.28	---
S-9	11/27/2006	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	325.89	7.77	318.12	---
S-9	02/01/2007	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	325.89	8.14	317.75	---
S-9	05/23/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	7.85	318.04	---
S-9	08/07/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	7.77	318.12	---
S-9	11/29/2007	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	7.99	317.90	---
S-9	02/08/2008	---	<50 n	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	7.78	318.11	---
S-9	05/21/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<100	325.89	7.84	318.05	---
S-9	08/06/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	7.69	318.20	---
S-9	11/18/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	7.93	317.96	---
S-9	01/20/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	8.13	317.76	---
S-9	05/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	8.02	317.87	---
S-9	07/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	325.89	8.06	317.83	---
S-9	02/09/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	325.89	7.80	318.09	---
S-9	08/12/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	325.89	7.96	317.93	---
S-9	08/18/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	325.89	7.86	318.03	---
S-9	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	325.89	7.84	318.05	---
S-9	**07/28/2011**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**325.89**	**8.51**	**317.38**	**---**
S-10	06/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	326.24	8.04	318.20	---
S-10	07/06/2009	---	340	<1.0	<2.0	<2.0	<2.0	---	<2.0	5,100	<4.0	<4.0	<4.0	---	326.24	8.11	318.13	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
S-10	02/09/2010	---	65	<0.50	<1.0	<1.0	<1.0	---	1.7	1,400	---	---	---	---	326.24	7.90	318.34	---
S-10	08/12/2010	---	<100	<1.0	<2.0	<2.0	<2.0	---	<2.0	610	---	---	---	---	326.24	8.04	318.20	---
S-10	08/18/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	326.24	8.04	318.20	---
S-10	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	110	---	---	---	---	326.24	7.82	318.42	---
S-10	**07/28/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**1.2**	**95**	**---**	**---**	**---**	**---**	**326.24**	**7.87**	**318.37**	**---**
S-11	06/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	326.12	7.97	318.15	---
S-11	07/06/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	326.12	7.98	318.14	---
S-11	02/09/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	326.12	9.99	316.13	---
S-11	08/12/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	326.12	8.17	317.95	---
S-11	08/18/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	326.12	7.91	318.21	---
S-11	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	326.12	7.36	318.76	---
S-11	**07/28/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**<10**	**---**	**---**	**---**	**---**	**326.12**	**7.99**	**318.13**	**---**
S-12	06/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	326.91	8.49	318.42	---
S-12	07/06/2009	---	83	<0.50	<1.0	<1.0	<1.0	---	37	<10	<2.0	<2.0	<2.0	---	326.91	8.89	318.02	---
S-12	02/09/2010	---	57	<0.50	<1.0	<1.0	<1.0	---	26	11	---	---	---	---	326.91	7.97	318.94	---
S-12	08/12/2010	Unable to access		---	---	---	---	---	---	---	---	---	---	---	326.91	---	---	---
S-12	08/18/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	20	---	---	---	---	---	326.91	8.33	318.58	---
S-12	02/01/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	14	12	---	---	---	---	326.91	8.48	318.43	---
S-12	**07/28/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**11**	**<10**	**---**	**---**	**---**	**---**	**326.91**	**8.65**	**318.26**	**---**
EW-1	02/20/2008	---	9,100 n	110	180	840	146.9	---	<5.0	<50	<10	<10	<10	<500	---	8.07	---	---
EW-1	03/07/2008	---	11,000 n	380	200	370	317.0	---	<5.0	<50	<10	<10	<10	<500	---	17.80	---	---
EW-1	03/21/2008	---	14,000	690	430	750	614	---	<5.0	<50	<10	<10	<10	<500	---	8.61	---	---
EW-1	04/08/2008	---	12,000	430	200	430	302	---	<5.0	<50	<10	<10	<10	<500	---	8.40	---	---
EW-1	04/21/2008	---	22,000	430	510	1,100	747	---	<5.0	71	<10	<10	<10	<500	---	8.33	---	---
EW-1	05/06/2008	---	20,000	280	620	1,000	616	---	<10	<100	<20	<20	<20	<1,000	---	8.30	---	---
EW-1	05/21/2008	---	17,000	180	440	830	484	---	<10	<100	<20	<20	<20	<1,000	---	8.60	---	---
EW-1	08/06/2008	---	12,000	140	79	720	110	---	<10	<100	<20	<20	<20	---	---	8.41	---	---
EW-1	11/18/2008	---	16,000	94	170	970	310	---	<20	<200	<40	<40	<40	---	---	8.03	---	---
EW-1	01/20/2009	---	10,000	110	58	440	61	---	<20	<200	<40	<40	<40	---	---	8.98	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)
EW-1	05/06/2009	---	14,000	73	120	690	120	---	<20	<200	<40	<40	<40	---	---	7.92	---	---
EW-1	07/06/2009	---	17,000	18	82	750	140	---	<10	<100	<20	<20	<20	---	326.98	8.21	318.77	---
EW-1	02/09/2010	---	12,000	13	41	490	120	---	<5.0	<50	---	---	---	---	326.98	8.20	318.78	---
EW-1	08/12/2010	---	11,000	2.9	17	370	113.4	---	<2.0	<20	---	---	---	---	326.98	8.03	318.95	---
EW-1	08/18/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	326.98	8.09	318.89	---
EW-1	02/01/2011	---	10,000	10	35	520	34	---	5.0	<50	---	---	---	---	326.98	8.22	318.76	---
EW-1	**07/28/2011**	**---**	**8,400**	**7.0**	**21**	**400**	**27**	**---**	**<5.0**	**<50**	**---**	**---**	**---**	**---**	**326.98**	**8.38**	**318.60**	**---**
EW-2	12/14/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.25	---	---
EW-2	02/08/2008	---	70 n,p	<0.50	<1.0	<1.0	<1.0	---	8.9	940	<2.0	<2.0	<2.0	---	---	8.42	---	---
EW-2	02/20/2008	---	59 n,p	<1.0	<2.0	<2.0	<2.0	---	10	1,300	<4.0	<4.0	<4.0	<200	---	8.85	---	---
EW-2	03/07/2008	---	850 n,p	<1.0	<2.0	<2.0	<2.0	---	8.0	1,200	<4.0	<4.0	<4.0	<200	---	9.75	---	---
EW-2	03/21/2008	---	350	5.3	4.6	6.2	18	---	<2.0	990	<4.0	<4.0	<4.0	<200	---	9.51	---	---
EW-2	04/08/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	8.9	180	<2.0	<2.0	<2.0	<100	---	9.12	---	---
EW-2	04/21/2008	---	140	<0.50	<1.0	<1.0	<1.0	---	57	230	<2.0	<2.0	<2.0	<100	---	8.86	---	---
EW-2	05/06/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	8.3	590	<2.0	<2.0	<2.0	<100	---	8.87	---	---
EW-2	05/21/2008	---	53	<0.50	<1.0	<1.0	<1.0	---	11	380	<2.0	<2.0	<2.0	<100	---	9.00	---	---
EW-2	08/06/2008	---	60	<0.50	<1.0	<1.0	<1.0	---	10	560	<2.0	<2.0	<2.0	---	---	8.81	---	---
EW-2	11/18/2008	---	140	8.0	<1.0	6.2	29	---	7.4	410	<2.0	<2.0	<2.0	---	---	8.92	---	---
EW-2	01/20/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	6.8	390	<2.0	<2.0	<2.0	---	---	9.28	---	---
EW-2	05/06/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	327.21	---	---	---

Notes:
TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to May 30, 2001 analyzed by EPA Method 8015 unless otherwise noted.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether analyzed by method as noted
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
Ethanol analyzed by EPA Method 8260B

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
5251 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (m/L)

TOC = Top of casing elevation, in feet relative to mean sea level
GW = Groundwater
DO = Dissolved oxygen
µg/L = Micrograms per liter
ft = Feet
MSL = Mean sea level
mg/L = Milligrams per liter
<x = Not detected at reporting limit x
--- = Not analyzed or available
(D) = Duplicate sample

a = Compounds detected as TPHd appear to be the less volatile constituents of gasoline.
b = The concentration reported as TPHd primarily due to the presence of a heavier petroleum product.
c = The concentration reported as TPHd due to the presence of a lighter petroleum product.
d = Concentrations reported as diesel includes a heavier petroleum product.
e = Compounds detected within the chromatographic range of TPHd, but not characteristic of the standard gasoline pattern.
f = There was insufficient preservative to reduce the sample pH to less than 2.
g = Compounds detected within the chromatographic range of TPHd, but not characteristic of the standard diesel pattern.
h = The chromatographic pattern of the purgeable hydrocarbons found in the sample is similar to the pattern of weathered gasoline.
j = The results may be biased slightly high.
k = The hydrocarbon reported in the gasoline range does not match the laboratory standard.
l = Extracted out of holding time.
m = Analyte was detected in the associated Method Blank.
n = Analyzed by EPA Method 8015B (M).
o = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
p = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
q = Sample container contained headspace

Beginning May 30, 2003, depth to water referenced to TOC
Site wells surveyed April 16, 2002 by Virgil Chavez Land Surveying
Wells S-2, S-3 and S-9 were surveyed on November 22, 2006 by Mid Coast Engineers.
Wells S-10 through S-12 and EW-1 were surveyed on June 25, 2009 by Mid Coast Engineers.

APPENDIX D

CHEVRON HISTORICAL GROUNDWATER DATA

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-4									
09/16/91	327.28	317.69	9.59	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	327.28	317.79	9.49	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	327.28	318.39	8.89	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	327.28	318.06	9.22	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	327.28	317.93	9.35	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	327.28	319.00	8.28	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	327.28	319.03	8.25	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/93	327.28	318.12	9.16	--	--	--	--	--	--
07/25/93	327.28	318.18	9.10	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	327.28	318.58	8.70	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	327.28	317.38	9.90	<50	<0.5	<0.5	<0.5	0.5	--
03/21/94	327.28	318.03	9.25	<50	1.0	2.0	0.5	1.9	--
06/07/94	327.28	318.23	9.05	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	327.28	318.31	8.97	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	327.28	318.06	9.22	<50	<0.5	1.1	0.8	2.7	--
03/06/95	327.28	318.26	9.02	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	327.28	318.47	8.81	170	<0.5	<0.5	<0.5	<0.5	--
09/14/95	327.28	318.00	9.28	<50	1.0	<0.5	1.6	<0.5	--
12/16/95	327.28	319.42	7.86	<50	<0.5	<0.5	<0.5	<0.5	150
03/28/96	327.28	318.94	8.34	<50	<0.5	<0.5	<0.5	<0.5	53
06/28/96	327.28	318.79	8.49	70	<0.5	<0.5	<0.5	<0.5	92
09/26/96	327.28	318.84	8.44	--	--	--	--	--	--
12/30/96	327.28	319.10	8.18	<50	<0.5	<0.5	<0.5	<0.5	100
03/13/97	327.28	318.43	8.85	--	--	--	--	--	--
06/30/97	327.28	318.79	8.49	260	<0.5	<0.5	<0.5	<0.5	330
09/30/97	326.93	318.32	8.61	--	--	--	--	--	--
12/31/97	326.93	318.40	8.53	<50	<0.5	<0.5	<0.5	<0.5	170
04/02/98	326.93	317.98	8.95	--	--	--	--	--	--
06/29/98	326.93	318.21	8.72	<50	<0.5	<0.5	<0.5	<0.5	150
09/16/98	326.93	317.59	9.34	--	--	--	--	--	--
12/23/98	326.93	318.18	8.75	<50	<0.5	<0.5	<0.5	<0.5	210
03/26/99	326.93	317.79	9.14	<100	<1.0	<1.0	<1.0	<1.0	303
06/25/99	326.93	317.72	9.21	<50	<0.5	<0.5	<0.5	<0.5	228/237[1]
09/16/99	326.93	317.01	9.92	--	--	--	--	--	--
12/15/99	326.93	318.32	8.61	<50	<0.5	<0.5	<0.5	<0.5	310
03/07/00	326.93	318.59	8.34	--	--	--	--	--	--
06/19/00	326.93	318.84	8.09	<50	<0.50	<0.50	<0.50	<0.50	370

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-4 (cont)									
09/18/00	326.93	318.21	8.72	<50.0	<0.500	<0.500	<0.500	<0.500	326
12/01/00	326.93	318.03	8.90	<50.0	<0.500	<0.500	<0.500	<0.500	478
03/13/01	326.93	318.96	7.97	<50.0	<0.500	<0.500	<0.500	<0.500	9.53
06/01/01	326.93	318.62	8.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[7]
09/07/01	326.94	318.49	8.45	<50	<0.50	<0.50	<0.50	<1.5	400
12/05/01	326.94	319.44	7.50	<50	<0.50	<0.50	<0.50	<1.5	350
03/26/02	326.94	318.96	7.98	<50	<0.50	<0.50	<0.50	<1.5	340
06/14/02	326.94	319.10	7.84	<50	<0.50	<0.50	<0.50	<1.5	290
09/20/02	326.94	319.66	7.28	<50	<0.50	<0.50	<0.50	<1.5	420
12/12/02	326.94	320.18	6.76	<50	<0.50	<0.50	<0.50	<1.5	43/42[7]
03/07/03	326.94	320.78	6.16	<50	<0.50	<0.50	<0.50	<1.5	550/430[7]
06/06/03[9]	326.94	321.33	5.61	<50	<0.5	<0.5	<0.5	<0.5	3
09/05/03[9]	326.94	319.29	7.65	<50	<0.5	<0.5	<0.5	<0.5	11
12/15/03[9]	326.94	319.63	7.31	<50	<0.5	<0.5	<0.5	<0.5	5
03/15/04[9]	326.94	319.02	7.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	326.94	318.69	8.25	<50	<0.5	<0.5	<0.5	<0.5	17
09/02/04[9]	326.94	319.55	7.39	<50	<0.5	<0.5	<0.5	<0.5	0.5
11/30/04[9]	326.94	319.66	7.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	326.94	321.03	5.91	<50	<0.5	<0.5	<0.5	<0.5	0.7
06/29/05[9]	326.94	321.67	5.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05[9]	326.94	321.24	5.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05	326.94	320.81	6.13	SAMPLED ANNUALLY		--	--	--	--
03/10/06[9]	326.94	319.59	7.35	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	326.94	319.09	7.85	SAMPLED ANNUALLY		--	--	--	--
09/05/06	326.94	319.00	7.94	SAMPLED ANNUALLY		--	--	--	--
12/01/06	326.94	318.88	8.06	SAMPLED ANNUALLY		--	--	--	--
02/26/07[9]	326.94	319.05	7.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	326.94	319.07	7.87	SAMPLED ANNUALLY		--	--	--	--
08/30/07	326.94	319.05	7.89	SAMPLED ANNUALLY		--	--	--	--
11/26/07	326.94	319.25	7.69	SAMPLED ANNUALLY		--	--	--	--
02/07/08[9]	326.94	320.20	6.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08	329.77	322.51	7.26	SAMPLED ANNUALLY		--	--	--	--
09/18/08	329.77	321.50	8.27	SAMPLED ANNUALLY		--	--	--	--
12/23/08	329.77	322.06	7.71	SAMPLED ANNUALLY		--	--	--	--
02/19/09[9]	329.77	322.35	7.42	<50	<0.5	<0.5	<0.5	<0.5	3
06/11/09	329.77	321.14	8.63	SAMPLED ANNUALLY		--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-5									
09/16/91	327.82	317.76	10.06	12,000	4,000	29	1,600	92	--
01/22/92	327.82	317.24	10.58	44,000	2,000	320	5,700	2,400	--
03/26/92	327.82	318.64	9.18	39,000	3,200	210	5,700	2,400	--
06/05/92	327.82	317.92	9.90	28,000	3,800	140	4,000	2,000	--
09/23/92	327.82	317.85	9.97	40,000	2,000	290	2,900	1,800	--
12/30/92	327.82	319.02	8.80	44,000	9,000	190	3,100	1,600	--
03/22/93	327.82	318.49	9.33	43,000	6,500	170	2,400	2,400	--
06/14/93	327.82	318.04	9.78	--	--	--	--	--	--
07/25/93	327.82	318.10	9.72	43,000	550	45	2,700	1,100	--
09/23/93	327.82	318.40	9.42	44,000	14,000	640	3,700	1,800	--
12/28/93	327.82	318.15	9.67	56,000	12,000	590	4,100	1,600	--
03/21/94	327.82	318.11	9.71	48,000	12,000	600	4,700	1,600	--
06/07/94	327.82	318.10	9.72	42,000	13,000	480	3,700	1,200	--
10/07/94	327.82	318.27	9.55	15,000	1,100	41	950	34	--
12/29/94	327.82	317.90	9.92	45,000	12,000	460	3,600	1,400	--
03/06/95	327.82	318.50	9.32	40,000	9,700	210	3,500	700	--
06/14/95	327.82	318.41	9.41	42,000	8,000	170	3,700	640	--
09/14/95	327.82	317.30	10.52	26,000	4,100	85	2,000	270	--
12/16/95	327.82	319.48	8.34	35,000	7,300	<0.5	2,900	420	<500
03/28/96	327.82	318.09	9.73	30,000	5,200	160	3,500	600	<250
06/28/96	327.82	318.37	9.45	26,000	4,300	60	2,100	200	680
09/26/96	327.82	317.95	9.87	15,000	2,700	59	1,300	140	400
12/30/96	327.82	318.82	9.00	34,000	4,600	120	2,800	660	310
03/13/97	327.82	318.33	9.49	13,000	1,900	34	1,300	220	76
06/30/97	327.82	318.19	9.63	11,000	1,800	19	84	94	160
10/01/97	327.82	318.08	9.74	27,000	4,700	120	3,700	330	310
12/31/97	327.82	318.34	9.48	34,000	8,000	130	3,400	3,900	<500
04/02/98	327.82	317.44	10.38	27,000	4,600	65	3,400	270	270
06/29/98	327.82	317.79	10.03	16,000	3,000	<50	1,800	220	290
09/16/98	327.82	318.84	8.98	9,700	2,700	52	1,400	210	<250
12/23/98	327.82	318.00	9.82	5,100	1,600	18	570	39	130
03/26/99[2]	327.82	318.26	9.56	25,800	4,410	58.4	2,550	57.2	137
06/25/99	327.82	INACCESSIBLE	--	--	--	--	--	--	--
09/16/99	327.82	317.51	10.31	8,850	1,310	20.3	802	120	155
12/15/99	327.82	317.52	10.30	10,000	2,800	33	1,600	160	250
03/07/00	327.82	318.29	9.53	18,700	3,830	95.6	1,900	305	309
06/19/00[3]	327.82	318.90	8.92	1,000[4]	290	3.4	<1.0	14	52

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-5 (cont)									
09/18/00[3,6]	327.82	318.18	9.64	924[5]	205	<5.00	<5.00	<5.00	83.1
12/01/00[3]	327.82	318.05	9.77	<50.0	0.878	<0.500	<0.500	<0.500	<5.00
03/13/01[3]	327.82	318.67	9.15	333	55.0	0.803	21.8	1.44	2.07
06/01/01[3]	327.82	317.71	10.11	130[4]	36	<0.50	<0.50	<0.50	7.8/<2.0[7]
09/07/01[8]	327.82	318.43	9.39	2,600	330	<10	200	12	14
12/05/01	327.82	319.57	8.25	25,000	730	36	2,900	650	<25
03/26/02	327.82	319.44	8.38	25,000	1,500	31	2,100	400	<100
06/14/02	327.82	320.18	7.64	27,000	900	52	2,400	320	<50
09/20/02	327.82	320.45	7.37	26,000	450	50	2,400	1,100	<100
12/12/02	327.82	320.33	7.49	23,000	260	32	1,900	1,100	<50/<2[7]
03/07/03	327.82	320.38	7.44	21,000	270	39	2,000	1,100	<25/<1[7]
06/06/03[9]	327.82	321.10	6.72	1,700	22	3	190	140	<0.5
09/05/03[9]	327.82	318.90	8.92	20,000	170	23	1,200	1,100	<2
06/14/04[9]	327.82	319.45	8.37	15,000	100	12	1,300	730	<1
09/02/04[9]	327.82	319.92	7.90	12,000	81	12	960	600	<3
11/30/04[9]	327.82	319.62	8.20	13,000	54	8	750	280	<1
03/11/05[9]	327.82	320.41	7.41	11,000	50	5	810	120	<1
06/29/05[9]	327.82	320.07	7.75	10,000	58	5	600	75	<0.5
09/14/05[9]	327.82	320.26	7.56	11,000	49	4	660	49	<0.5
12/06/05[9]	327.82	320.09	7.73	6,500	26	2	210	21	<0.5
03/10/06[9]	327.82	319.46	8.36	7,500	45	2	420	13	<0.5
06/06/06[9]	327.82	318.82	9.00	8,000	40	1	340	6	<0.5
09/05/06[9]	327.82	319.06	8.76	8,200	28	1	340	2	<0.5
12/01/06[9]	327.82	319.02	8.80	6,400	26	1	360	3	0.5
02/26/07[9]	327.82	319.98	7.84	7,500	26	<0.5	370	3	<0.5
06/01/07[9]	327.82	318.78	9.04	6,000	24	1	330	3	<0.5
08/30/07[9]	327.82	318.31	9.51	6,200	24	1	260	3	<0.5
11/26/07[9]	327.82	318.65	9.17	8,500	29	<1	330	2	<1
02/07/08[9]	327.82	319.06	8.76	8,600	60	<1	310	2	<1
06/19/08[9]	330.30	321.44	8.86	2,300	53	0.8	210	2	<0.5
09/18/08[9]	330.30	320.96	9.34	9,400	100	<1	390	2	<1
12/23/08[9]	330.30	321.52	8.78	7,300	140	1	390	2	0.9
02/19/09[9]	330.30	322.07	8.23	7,000	81	1	380	2	<1
06/11/09´	330.30	321.30	9.00	**4,600**	**24**	<0.5	**110**	**0.7 J**	**0.6 J**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-6									
09/16/91	328.48	317.87	10.61	6,200	1,300	3.9	550	78	--
01/22/92	328.48	318.18	10.30	18,000	2,800	48	2,000	440	--
03/26/92	328.48	318.98	9.50	21,000	3,300	17	2,100	300	--
06/05/92	328.48	318.14	10.34	14,000	2,800	9.2	1,800	270	--
09/23/92	328.48	317.92	10.56	19,000	1,000	40	1,200	230	--
12/30/92	328.48	318.71	9.75	15,000	1,100	<5.0	1,000	77	--
03/22/93	328.48	319.21	9.27	15,000	1,300	10	770	220	--
06/14/93	328.48	318.33	10.15	--	--	--	--	--	--
07/25/93	328.48	318.23	10.25	6,400	630	<2.5	440	6.0	--
09/23/93	328.48	318.31	10.17	9,500	1,000	23	690	110	--
12/28/93	328.48	317.96	10.52	11,000	890	31	730	48	--
03/21/94	328.48	318.20	10.28	5,700	380	10	270	22	--
06/07/94	328.48	318.20	10.28	5,300	600	4.4	370	26	--
10/07/94	328.48	318.06	10.42	2,600	270	<5.0	110	<5.0	--
12/29/94	328.48	318.23	10.25	4,500	560	6.2	360	<5.0	--
03/06/95	328.48	319.12	9.36	4,100	480	15	290	20	--
06/14/95	328.48	318.37	10.11	2,800	180	6.9	110	6.6	--
09/14/95	328.48	318.21	10.27	3,100	370	<0.5	250	<0.5	--
12/16/95	328.48	319.21	9.27	1,900	210	<0.5	76	<0.5	<13
03/28/96	328.48	319.13	9.35	1,000	120	<0.5	64	<0.5	<5.0
06/28/96	328.48	318.70	9.78	950	110	0.8	44	<0.5	22
09/26/96	328.48	319.02	9.46	1,100	120	1.6	48	<0.5	17
12/30/96	328.48	319.45	9.03	3,200	260	2.3	120	<0.5	23
03/13/97	328.48	318.76	9.72	2,000	250	<0.5	110	<0.5	<5.0
06/30/97	328.48	318.81	9.67	470	<0.5	1.2	<0.5	<0.5	<5.0
10/01/97	327.82	318.53	9.29	1,500	120	3.4	27	<0.5	20
12/31/97	327.82	317.61	10.21	1,500	79	<2.5	28	<2.5	<12
04/02/98	327.82	318.86	8.96	760	48	2.3	9.9	<1.0	15
06/29/98	327.82	318.45	9.37	340	29	<2.5	7.1	<2.5	18
09/16/98	327.82	318.60	9.22	340	18	1.4	5.6	<1.0	18
12/23/98	327.82	317.51	10.31	390	5.4	1.2	0.58	1.2	15
03/26/99[2]	327.82	317.91	9.91	1,310	132	18.5	38.5	1.88	19.1
06/25/99	327.82	317.50	10.32	856	37.4	5.2	10.7	<0.5	<2.0/<5.0[1]
09/16/99	327.82	317.28	10.54	<50	1.19	<0.5	<0.5	<0.5	<5.0
12/15/99	327.82	319.33	8.49	1,400	110	<5.0	35	<5.0	37
03/07/00	327.82	318.60	9.22	1,200	97.9	2.16	44.8	<1.25	26
06/19/00[3]	327.82	318.42	9.40	160[1]	1.4	0.73	5.4	2.4	7.9

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-6 (cont)									
09/18/00[3,6]	327.82	317.74	10.08	234[5]	<0.500	1.72	<0.500	<0.500	<5.00
12/01/00[3]	327.82	317.56	10.26	79.5[5]	1.74	<0.500	<0.500	<0.500	<5.00
03/13/01[3]	327.82	318.53	9.29	180	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01[3]	327.82	317.24	10.58	280[4]	4.1	0.62	<0.50	<0.50	25/<2.0[7]
09/07/01[8]	327.83	317.92	9.91	1,200	70	<0.50	42	1.9	<2.5
12/05/01	327.83	319.02	8.81	1,600	45	<2.0	26	<1.5	<2.5
03/26/02	327.83	318.90	8.93	590	6.0	<0.50	<0.50	<1.5	<2.5
06/14/02	327.83	318.97	8.86	740	15	<0.50	<0.50	<1.5	<2.5
09/20/02	327.83	319.83	8.00	770	9.8	1.9	0.71	<1.5	<2.5
12/12/02	327.83	319.83	8.00	780	5.7	<0.50	<0.50	<1.5	<2.5/<2[7]
03/07/03	327.83	320.05	7.78	1,100	130	<0.50	19	<1.5	<2.5/<0.5[7]
06/06/03[9]	327.83	320.79	7.04	61	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	327.83	318.79	9.04	390	<0.5	<0.5	<0.5	<0.5	0.9
12/15/03[9]	327.83	319.24	8.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	327.83	318.92	8.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	327.83	318.62	9.21	700	<0.5	<0.5	<0.5	<0.5	19
09/02/04[9]	327.83	319.14	8.69	610	<0.5	<0.5	<0.5	<0.5	15
11/30/04[9]	327.83	319.28	8.55	290	0.9	<0.5	<0.5	<0.5	14
03/11/05[9]	327.83	320.57	7.26	720	<0.5	<0.5	<0.5	<0.5	56
06/29/05[9]	327.83	320.72	7.11	370	<0.5	<0.5	<0.5	<0.5	22
09/14/05[9]	327.83	320.51	7.32	310	<0.5	<0.5	<0.5	<0.5	8
12/06/05[9]	327.83	320.21	7.62	190	<0.5	<0.5	<0.5	<0.5	4
03/10/06[9]	327.83	319.40	8.43	110	<0.5	<0.5	<0.5	<0.5	4
06/06/06[9]	327.83	318.59	9.24	510	<0.5	<0.5	<0.5	<0.5	5
09/05/06[9]	327.83	318.47	9.36	290	<0.5	<0.5	<0.5	<0.5	4
12/01/06[9]	327.83	318.22	9.61	230	<0.5	<0.5	<0.5	<0.5	4
02/26/07[9]	327.83	318.97	8.86	<50	<0.5	<0.5	<0.5	<0.5	3
06/01/07[9]	327.83	318.60	9.23	630	<0.5	<0.5	<0.5	<0.5	4
08/30/07[9]	327.83	318.41	9.42	210	<0.5	<0.5	<0.5	<0.5	3
11/26/07[9]	327.83	318.45	9.38	210	<0.5	<0.5	<0.5	<0.5	2
02/07/08[9]	--[10]	--[10]	8.26	<50	<0.5	<0.5	<0.5	<0.5	2
06/19/08[9]	330.74	321.74	9.00	130	<0.5	<0.5	<0.5	<0.5	2
09/18/08[9]	330.74	321.44	9.30	640	<0.5	<0.5	<0.5	<0.5	2
12/23/08[9]	330.74	321.93	8.81	760	<0.5	<0.5	<0.5	<0.5	3
02/19/09[9]	330.74	322.56	8.18	320	<0.5	<0.5	<0.5	<0.5	2
06/11/09´	330.74	321.29	9.45	**710**	<0.5	<0.5	<0.5	<0.5	**2**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-7									
06/17/97	326.37	318.32	8.05	ND	ND	ND	ND	ND	ND
09/30/97	326.37	318.78	7.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	326.37	318.49	7.88	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	326.37	319.06	7.31	<50	2.6	<0.5	<0.5	<0.5	<2.5
06/29/98	326.37	318.39	7.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	326.37	318.55	7.82	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	326.37	318.37	8.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	326.37	318.43	7.94	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/25/99	326.37	318.65	7.72	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	326.37	317.61	8.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	326.37	318.42	7.95	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	326.37	319.38	6.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	326.37	318.64	7.73	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00[6]	326.37	318.21	8.16	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	326.37	317.06	9.31	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	326.37	318.65	7.72	<50.0	<0.500	<0.500	<0.500	<0.500	1.10
06/01/01	326.37	318.40	7.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[7]
09/07/01	326.37	318.61	7.76	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	326.37	318.99	7.38	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	326.37	318.96	7.41	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	326.37	318.85	7.52	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	326.37	319.65	6.72	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	326.37	319.18	7.19	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]
03/07/03	326.37	319.48	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5[7]
06/06/03[9]	326.37	319.62	6.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	326.37	318.75	7.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03[9]	326.37	319.16	7.21	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	326.37	318.48	7.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	326.37	318.56	7.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04[9]	326.37	318.59	7.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04[9]	326.37	318.67	7.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	326.37	320.14	6.23	<50	<0.5	<0.5	<0.5	<0.5	0.7
06/29/05[9]	326.37	319.84	6.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05[9]	326.37	319.69	6.68	<50	<0.5	<0.5	<0.5	<0.5	11
12/06/05[9]	326.37	319.34	7.03	<50	<0.5	<0.5	<0.5	<0.5	12
03/10/06[9]	326.37	319.27	7.10	<50	<0.5	<0.5	<0.5	<0.5	8
06/06/06[9]	326.37	318.60	7.77	<50	<0.5	<0.5	<0.5	<0.5	9

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-7 (cont)									
09/05/06[9]	326.37	318.55	7.82	<50	<0.5	<0.5	<0.5	<0.5	6
12/01/06[9]	326.37	318.32	8.05	<50	<0.5	<0.5	<0.5	<0.5	2
02/26/07[9]	326.37	318.89	7.48	<50	<0.5	<0.5	<0.5	<0.5	3
06/01/07[9]	326.37	318.74	7.63	<50	<0.5	<0.5	<0.5	<0.5	2
08/30/07[9]	326.37	318.44	7.93	<50	<0.5	<0.5	<0.5	<0.5	1
11/26/07[9]	326.37	318.44	7.93	<50	<0.5	<0.5	<0.5	<0.5	0.9
02/07/08[9]	326.37	319.76	6.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08[9]	329.50	321.72	7.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/18/08[9]	329.50	321.42	8.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/23/08[9]	329.50	322.03	7.47	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/19/09[9]	329.50	322.92	6.58	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/11/09´	329.50	321.42	8.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8									
06/17/97	325.89	318.15	7.74	ND	ND	ND	ND	ND	ND
09/30/97	325.89	318.16	7.73	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.89	318.27	7.62	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.89	318.48	7.41	<50	<0.5	1.3	0.67	3.5	<2.5
06/29/98	325.89	317.98	7.91	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.89	318.42	7.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.89	318.28	7.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	325.89	316.81	9.08	<50	<0.5	<0.5	<0.5	<0.5	5.01
06/25/99	325.89	315.94	9.95	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	325.89	316.00	9.89	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	325.89	317.14	8.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	325.89	317.11	8.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	325.89	318.34	7.55	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	325.89	317.64	8.25	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	325.89	317.45	8.44	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	325.89	318.32	7.57	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01	325.89	317.97	7.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[7]
09/07/01	325.89	318.11	7.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	325.89	318.57	7.32	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	325.89	318.18	7.71	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	325.89	318.24	7.65	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	325.89	318.53	7.36	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	325.89	319.00	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-8 (cont)									
03/07/03	325.89	318.94	6.95	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5[7]
06/06/03[9]	325.89	319.09	6.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	325.89	317.24	8.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03[9]	325.89	317.62	8.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	325.89	318.64	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	325.89	318.03	7.86	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04[9]	325.89	318.05	7.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04[9]	325.89	318.16	7.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	325.89	319.46	6.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05[9]	325.89	317.50	8.39	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05[9]	325.89	318.58	7.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05	325.89	318.78	7.11	SAMPLED ANNUALLY		--	--	--	--
03/10/06[9]	325.89	318.77	7.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	325.89	318.45	7.44	SAMPLED ANNUALLY		--	--	--	--
09/05/06	325.89	318.08	7.81	SAMPLED ANNUALLY		--	--	--	--
12/01/06	325.89	318.55	7.34	SAMPLED ANNUALLY		--	--	--	--
02/26/07[9]	325.89	318.70	7.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	325.89	318.38	7.51	SAMPLED ANNUALLY		--	--	--	--
08/30/07	325.89	317.92	7.97	SAMPLED ANNUALLY		--	--	--	--
11/26/07	325.89	318.24	7.65	SAMPLED ANNUALLY		--	--	--	--
02/07/08[9]	325.89	319.06	6.83	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08	329.01	321.42	7.59	SAMPLED ANNUALLY		--	--	--	--
09/18/08	329.01	321.38	7.63	SAMPLED ANNUALLY		--	--	--	--
12/23/08	329.01	321.69	7.32	SAMPLED ANNUALLY		--	--	--	--
02/19/09[9]	329.01	322.15	6.86	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/11/09	329.01	321.23	7.78	SAMPLED ANNUALLY		--	--	--	--
MW-9									
06/20/97	325.73	317.88	7.85	ND	ND	ND	ND	ND	ND
10/01/97	325.73	318.10	7.63	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.73	318.53	7.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.73	318.52	7.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	325.73	315.31	10.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.73	315.99	9.74	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.73	317.59	8.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	325.73	317.62	8.11	<50	<0.5	<0.5	<0.5	<0.5	<2.0

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-9 (cont)									
06/25/99	325.73	318.28	7.45	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	325.73	316.87	8.86	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	325.73	317.93	7.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	325.73	318.37	7.36	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	325.73	318.39	7.34	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	325.73	317.61	8.12	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	325.73	317.46	8.27	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	325.73	318.34	7.39	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01	325.73	317.92	7.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[7]
09/07/01	325.73	317.55	8.18	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	325.73	318.58	7.15	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	325.73	318.47	7.26	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	325.73	318.62	7.11	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	325.73	318.74	6.99	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	325.73	318.92	6.81	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]
03/07/03	325.73	318.95	6.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5[7]
06/06/03[9]	325.73	319.09	6.64	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	325.73	318.30	7.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03[9]	325.73	318.65	7.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	325.73	318.43	7.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	325.73	318.28	7.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04[9]	325.73	318.48	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04[9]	325.73	318.62	7.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	325.73	319.44	6.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05[9]	325.73	319.11	6.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05	325.73	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
12/06/05	325.73	318.75	6.98	SAMPLED ANNUALLY		--	--	--	--
03/10/06[9]	325.73	318.72	7.01	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	325.73	318.27	7.46	SAMPLED ANNUALLY		--	--	--	--
09/05/06	325.73	318.24	7.49	SAMPLED ANNUALLY		--	--	--	--
12/01/06	325.73	318.11	7.62	SAMPLED ANNUALLY		--	--	--	--
02/26/07[9]	325.73	318.44	7.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	325.73	318.22	7.51	SAMPLED ANNUALLY		--	--	--	--
08/30/07	325.73	318.06	7.67	SAMPLED ANNUALLY		--	--	--	--
11/26/07	325.73	318.02	7.71	SAMPLED ANNUALLY		--	--	--	--
02/07/08[9]	325.73	318.64	7.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08	328.85	321.22	7.63	SAMPLED ANNUALLY		--	--	--	--
09/18/08	328.85	321.04	7.81	SAMPLED ANNUALLY		--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-9 (cont)									
12/23/08	328.85	321.51	7.34	SAMPLED ANNUALLY		--	--	--	--
02/19/09[9]	328.85	322.04	6.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/11/09	328.85	321.12	7.73	SAMPLED ANNUALLY		--	--	--	--
MW-1									
07/12/89	326.48	--	--	100	<0.5	<0.5	6.0	<0.5	--
08/02/89	326.48	318.38	8.10	--	--	--	--	--	--
10/24/89	326.48	318.97	7.51	<50	1.0	<0.5	13	<0.5	--
03/12/90	326.48	318.07	8.41	140	0.8	<0.5	1.0	<0.5	--
03/26/90	326.48	318.34	8.14	--	--	--	--	--	--
06/22/90	326.48	318.17	8.31	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	326.48	318.35	8.14	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.48	318.34	8.02	77	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
MW-2									
07/17/89	327.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	327.53	318.48	9.05	--	--	--	--	--	--
10/24/89	327.53	318.29	9.24	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	327.53	317.46	10.07	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	327.53	317.48	10.05	--	--	--	--	--	--
06/22/90	327.53	317.48	10.05	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	327.53	317.85	9.68	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	327.53	318.30	9.23	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
MW-3									
07/17/89	326.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	326.47	318.32	8.15	--	--	--	--	--	--
10/24/89	326.47	318.88	7.59	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	326.47	318.00	8.47	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	326.47	317.64	8.83	--	--	--	--	--	--
06/22/90	326.47	317.64	8.83	<50	0.4	<0.5	0.8	<0.5	--
09/11/90	326.47	318.06	8.41	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.47	318.49	7.98	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
BAILER BLANK									
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
TRIP BLANK									
06/22/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
09/16/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/06/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/14/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/13/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/30/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/01/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
TRIP BLANK (cont)									
03/26/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
QA									
03/13/01	--	--	--	<50.0	<0.500	1.61	<0.500	0.593	<0.500
06/01/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/07/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/07/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/06/03[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/10/06[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/06[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/01/06[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/26/07[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/30/07[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/07[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/08[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
QA (cont)									
09/18/08[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/23/08[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/19/09[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/11/09´	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 19, 2000, were compiled by reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH = Total Petroleum Hydrocarbons
TPH-G = Total Petroleum Hydrocarbons as Gasoline
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on April 10, 2008 by Morrow Surveying. Vertical datum is NAVD 88.

1 Confirmation run.
2 ORC installed.
3 ORC present in well.
4 Laboratory report indicates gasoline C6-C12.
5 Laboratory report indicates unidentified hydrocarbons C6-C12.
6 Laboratory report indicates insufficient preservative to reduce sample pH to less than 2. Sample was analyzed within 14 days, but beyond the seventh day recommended for Benzene, Toluene, Xylenes, and Ethylbenzene.
7 MTBE by EPA Method 8260.
8 Removed ORC from well.
9 BTEX and MTBE by EPA Method 8260.
10 TOC has been altered, not used in contouring.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-4	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	42	<2	<2	<2	<2	<2
	03/07/03	--	<5	430	<0.5	<0.5	3	<0.5	<0.5
	06/06/03	--	--	3	--	--	--	--	--
	09/05/03	<50	--	11	--	--	--	--	--
	12/15/03	<50	--	5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	17	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	0.7	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	02/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	02/19/09	<50	<2	3	<0.5	<0.5	<0.5	--	--
MW-5	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<10	<1	<1	<1	<1	<1	<1
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<200	--	<2	--	--	--	--	--
	12/15/03	<130	--	<1	--	--	--	--	--
	03/15/04	<130	<13	<1	<1	<1	<1	--	--
	06/14/04	<100	<10	<1	<1	<1	<1	--	--
	09/02/04	<250	<25	<3	<3	<3	<3	--	--
	11/30/04	<130	<13	<1	<1	<1	<1	--	--
	03/11/05	<100	<10	<1	<1	<1	<1	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	13	<0.5	<0.5	<0.5	<0.5	--	--
	06/06/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/05/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/01/06	<50	<5	0.5	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-5 (cont)	06/01/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	08/30/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	11/26/07	<100	<4	<1	<1	<1	<1	--	--
	02/07/08	<100	<4	<1	<1	<1	<1	--	--
	06/19/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	09/18/08	<100	<4	<1	<1	<1	<1	--	--
	12/23/08	<50	<2	0.9	<0.5	<0.5	<0.5	--	--
	02/19/09	<100	<4	<1	<1	<1	<1	--	--
	06/11/09	<50	<2	**0.6 J**	<0.5	<0.5	<0.5	--	--
MW-6	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	4	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	1	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	0.9	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	19	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	15	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	14	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	56	<0.5	<0.5	3	--	--
	06/29/05	<50	<5	22	<0.5	<0.5	0.8	--	--
	09/14/05	<50	<5	8	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	4	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	06/06/06	<50	<5	5	<0.5	<0.5	<0.5	--	--
	09/05/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	12/01/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	3	<0.5	<0.5	<0.5	--	--
	06/01/07	<50	<2	4	<0.5	<0.5	<0.5	--	--
	08/30/07	<50	<2	3	<0.5	<0.5	<0.5	--	--
	11/26/07	<50	<2	2	<0.5	<0.5	<0.5	--	--
	02/07/08	<50	<2	2	<0.5	<0.5	<0.5	--	--
	06/19/08	<50	<2	2	<0.5	<0.5	<0.5	--	--
	09/18/08	<50	<2	2	<0.5	<0.5	<0.5	--	--
	12/23/08	<50	<2	3	<0.5	<0.5	<0.5	--	--
	02/19/09	<50	<2	2	<0.5	<0.5	<0.5	--	--
	06/11/09	<50	<2	**2**	<0.5	<0.5	<0.5	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-7	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	0.7	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	11	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	12	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	<5	8	<0.5	<0.5	<0.5	--	--
	06/06/06	<50	<5	9	<0.5	<0.5	<0.5	--	--
	09/05/06	<50	<5	6	<0.5	<0.5	<0.5	--	--
	12/01/06	<50	<5	2	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	3	<0.5	<0.5	<0.5	--	--
	06/01/07	<50	<2	2	<0.5	<0.5	<0.5	--	--
	08/30/07	<50	<2	1	<0.5	<0.5	<0.5	--	--
	11/26/07	<50	<2	0.9	<0.5	<0.5	<0.5	--	--
	02/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	06/19/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	09/18/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	12/23/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	02/19/09	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	06/11/09	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
MW-8	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-8 (cont)									
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	02/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	02/19/09	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
MW-9	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	12/06/05	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	02/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	02/19/09	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide/1,2-Dibromoethane
(µg/L) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3

Dissolved Oxygen Concentrations

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	D.O. Pre-Purge *(mg/L)*	D.O. Post-Purge *(mg/L)*
MW-4	09/07/01	1.96	--
	12/05/01	1.96	--
	03/26/02	2.10	--
	06/14/02	3.10	--
	09/20/02	2.30	--
	12/12/02	2.10	--
	03/07/03	0.40	--
	06/06/03	2.10	--
	09/05/03	2.00	--
	12/15/03	2.46	--
	03/15/04	1.20	--
	06/14/04	1.80	--
	09/02/04	1.60	--
	11/30/04	1.80	--
	03/11/05	2.30	--
	06/29/05	2.40	--
	09/14/05	2.70	--
	03/10/06	2.20	--
	02/26/07	2.60	--
	02/07/08	2.2	--
	02/19/09	0.90	--
MW-5	06/19/00	9.65	--
	09/18/00	3.59	--
	12/01/00	3.76	--
	03/13/01	3.59	--
	06/01/01	3.36	--
	09/07/01	4.02	--
	12/05/01	1.04	--
	03/26/02	1.00	--
	06/14/02	0.90	--
	09/20/02	1.00	--
	12/12/02	1.10	--
	03/07/03	0.10	--
	06/06/03	0.80	--
	09/05/03	1.00	--
	12/15/03	1.78	--
	03/15/04	1.60	--
	06/14/04	2.40	--
	09/02/04	1.90	--
	11/30/04	2.00	--
	03/11/05	2.30	--
	06/29/05	1.90	--
	09/14/05	1.60	--
	12/06/05	2.10	--
	03/10/06	1.80	--
	06/06/06	1.10	--
	09/05/06	1.70	--
	12/01/06	1.90	--
	02/26/07	2.20	--
	06/01/07	1.9	--
	08/30/07	2.3	--

Table 3
Dissolved Oxygen Concentrations
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

WELL ID	DATE	D.O. Pre-Purge (mg/L)	D.O. Post-Purge (mg/L)
MW-5 (cont)	11/26/07	2.4	--
	02/07/08	--[1]	--
	06/19/08	1.6	--
	09/18/08	1.5	--
	12/23/08	1.8	--
	02/19/09	1.2	--
	06/11/09	**0.34**	--
MW-6	06/19/00	5.88	--
	09/18/00	4.81	--
	12/01/00	4.27	--
	03/13/01	4.12	--
	06/01/01	3.84	--
	09/07/01	4.26	--
	12/05/01	1.26	--
	03/26/02	1.30	--
	06/14/02	1.40	--
	09/20/02	1.30	--
	12/12/02	1.40	--
	03/07/03	0.90	--
	06/06/03	1.20	--
	09/05/03	1.30	--
	12/15/03	1.91	--
	03/15/04	1.40	--
	06/14/04	1.50	--
	09/02/04	1.70	--
	11/30/04	1.80	--
	03/11/05	2.30	--
	06/29/05	1.50	--
	09/14/05	0.70	--
	12/06/05	1.60	--
	03/10/06	1.60	--
	06/06/06	0.60	--
	09/05/06	1.20	--
	12/01/06	1.40	--
	02/26/07	1.50	--
	06/01/07	1.3	--
	08/30/07	1.6	--
	11/26/07	1.4	--
	02/07/08	1.3	--
	06/19/08	1.2	--
	09/18/08	1.3	--
	12/23/08	1.4	--
	02/19/09	1.1	--
	06/11/09	**0.37**	--
MW-7	09/07/01	2.04	--
	12/05/01	1.84	--
	03/26/02	2.00	--
	06/14/02	2.00	--
	09/20/02	2.10	--

Table 3

Dissolved Oxygen Concentrations

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	D.O. Pre-Purge (mg/L)	D.O. Post-Purge (mg/L)
MW-7 (cont)	12/12/02	2.00	--
	03/07/03	0.10	--
	06/06/03	1.50	--
	09/05/03	1.80	--
	12/15/03	3.02	--
	03/15/04	1.70	--
	06/14/04	1.10	--
	09/02/04	1.00	--
	11/30/04	0.90	--
	03/11/05	2.40	--
	06/29/05	2.20	--
	09/14/05	1.70	--
	12/06/05	2.00	--
	03/10/06	2.20	--
	06/06/06	0.90	--
	09/05/06	0.93	--
	12/01/06	1.12	--
	02/26/07	0.97	--
	06/01/07	1.1	--
	08/30/07	1.3	--
	11/26/07	1.1	--
	02/07/08	1.2	--
	06/19/08	1.1	--
	09/18/08	1.3	--
	12/23/08	1.1	--
	02/19/09	1.1	--
	06/11/09	**0.22**	--
MW-8	09/07/01	2.17	--
	12/05/01	2.10	--
	03/26/02	2.10	--
	06/14/02	2.00	--
	09/20/02	2.10	--
	12/12/02	2.20	--
	03/07/03	0.60	--
	06/06/03	1.70	--
	09/05/03	2.00	--
	12/15/03	2.93	--
	03/15/04	1.30	--
	06/14/04	1.60	--
	09/02/04	1.20	--
	11/30/04	1.30	--
	03/11/05	1.60	--
	06/29/05	1.20	--
	09/14/05	1.60	--
	03/10/06	1.50	--
	02/26/07	1.90	--
	02/07/08	1.6	--
	02/19/09	1.1	--
MW-9	09/07/01	1.72	--

Table 3

Dissolved Oxygen Concentrations

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	D.O. Pre-Purge *(mg/L)*	D.O. Post-Purge *(mg/L)*
MW-9 (cont)	12/05/01	2.21	--
	03/26/02	2.20	--
	06/14/02	1.90	--
	09/20/02	2.00	--
	12/12/02	2.10	--
	03/07/03	0.60	--
	06/06/03	1.80	--
	09/05/03	1.90	--
	12/15/03	3.15	--
	03/15/04	1.80	--
	06/14/04	1.00	--
	09/02/04	1.10	--
	11/30/04	1.20	--
	03/11/05	0.20	--
	06/29/05	1.60	--
	09/14/05	INACCESSIBLE - VEHICLE PARKED OVER WELL	
	03/10/06	1.40	--
	02/26/07	1.70	--
	02/07/08	1.5	--
	02/19/09	0.8	--

Table 3

Dissolved Oxygen Concentrations

Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

EXPLANATIONS:

D.O. = Dissolved Oxygen
(mg/L) = Milligrams per liter
-- = Not Measured

[1] D.O. readings were inadvertently missed in the field.

APPENDIX E

HYDROCARBON DEGRADATION TREND ANALYSIS CALCULATIONS

Predicted Time to Reach Environmental Screening Levels (ESL) in Well MW-5

Chevron Service Station #9-0917, 5280 Hopyard Road, Pleasanton, California

$y = b\,e^{ax}$ **===>** $x = \ln(y/b) / a$

where: y = concentration in µg/L; a = decay constant
b = concentration at time (x); x = time (x) in days

	Constituent	Total Petroleum Hydrocarbons as Gasoline (TPHg)	Benzene
Given			
Environmental Screening Levels (ESL) :	y	100	1
Constant:	b	4.33E+08	1.58E+21
Constant:	a	-2.87E-04	-1.15E-03
Starting date for current trend:		12/28/1993	9/23/1993
Calculate			
Attenuation Half Life (years):	(-ln(2)/a)/365.25	6.60	1.65
Estimated Date to Reach ESL:	(x = ln(y/b) / a)	Jul 2045	Dec 2015

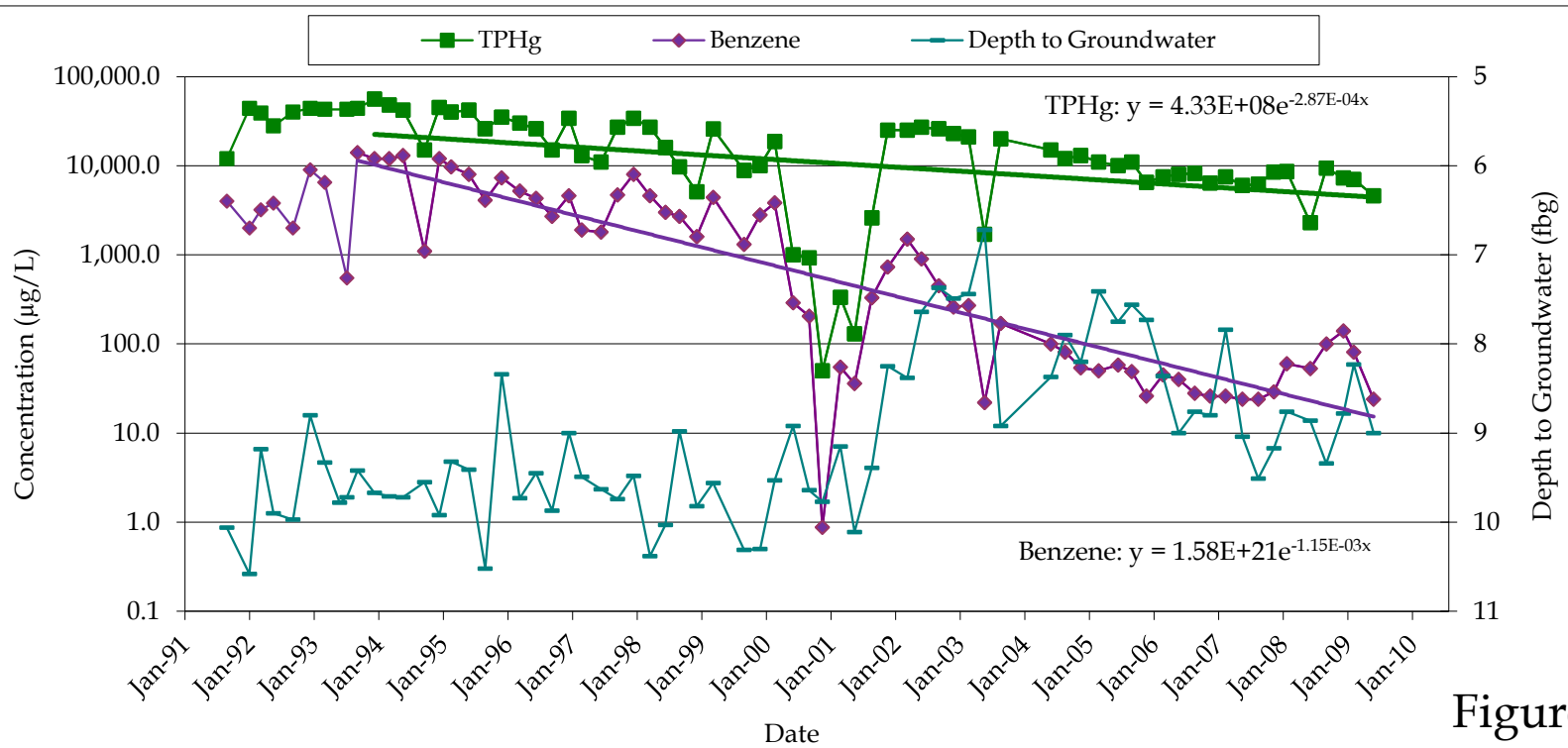


Figure A

CHEVRON SERVICE STATION #9-0917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

MW-5: TPHg AND BENZENE CONCENTRATIONS AND DEPTH TO GROUNDWATER

Predicted Time to Reach Environmental Screening Levels (ESL) in Well MW-6

Chevron Service Station #9-0917, 5280 Hopyard Road, Pleasanton, California

$y = b\,e^{ax}$ **===>** $x = \ln(y/b) / a$

where: y = concentration in µg/L; a = decay constant
b = concentration at time (x); x = time (x) in days

	Constituent	Total Petroleum Hydrocarbons as Gasoline (TPHg)	Benzene
Given			
Environmental Screening Levels (ESL) :	y	100	1
Constant:	b	8.52E+06	3.50E+24
Constant:	a	-2.65E-04	-1.47E-03
Starting date for current trend:		12/5/2001	3/26/1992
Calculate			
Attenuation Half Life (years):	(-ln(2)/a)/365.25	7.17	1.29
Estimated Date to Reach ESL:	(x = ln(y/b) / a)	Jun 2017	Jun 2005

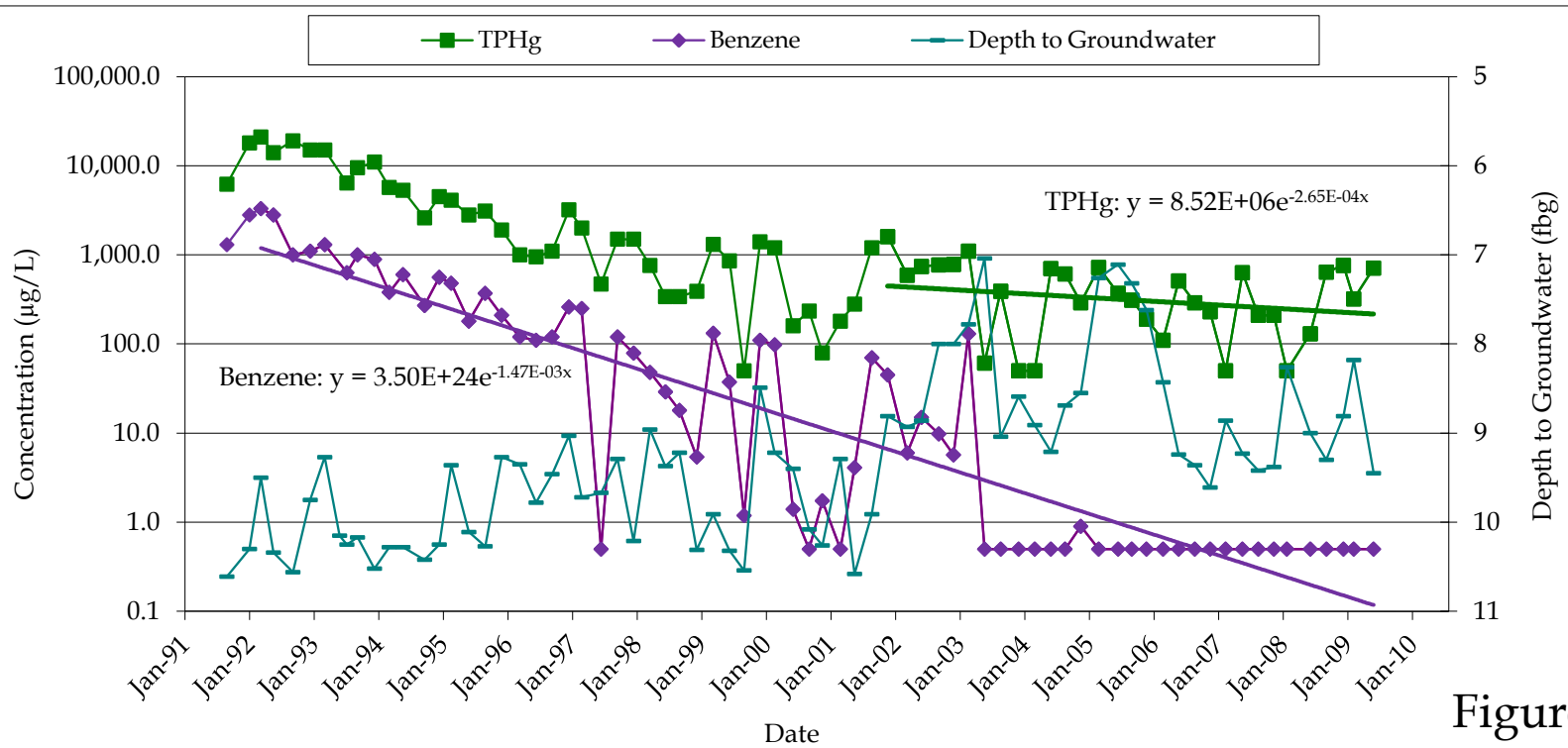


Figure B

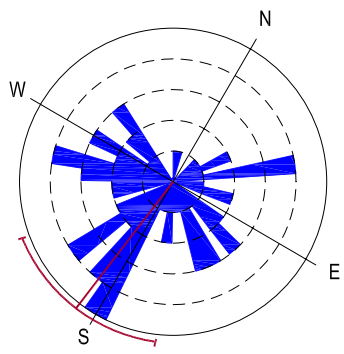
CHEVRON SERVICE STATION #9-0917
5280 HOPYARD ROAD
PLEASANTON, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

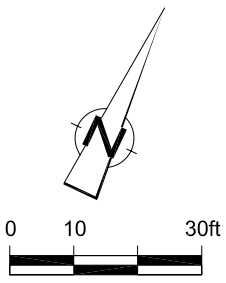
MW-6: TPHg AND BENZENE CONCENTRATIONS AND DEPTH TO GROUNDWATER

APPENDIX F

WATER WELL AND UTILITY SURVEY DATA



Historical Groundwater Flow Direction
(1987 - 2009)



DRIVEWAY
OWENS DRIVE
APPROXIMATE PROPERTY LINE
FUEL VENTS
MW-4
MW-1
BUILDING
VP4
CANOPY
MW-2
USTs
GP-5
MW-3
PUMP ISLAND
OIL/WATER SEPARATOR
VP-3
FORMER DISPENSER ISLAND
GP-4
VP5
SB9
GP-2
VP2
TRASH ENCLOSURE
SSVP-3
GP-1
VENT
SSVP-1
SSVP-4
IW-1
VP1
VP-6
SB6
SB8
SSVP-2
SB7
MW-6
STATION BUILDING
SSVP-5
MW-5
CAR WASH
MW-7
GP-3
CONCRETE CURB, GUTTER, AND WALK
MW-9
MW-8
RESTAURANT
S-7
S-6
HOPYARD ROAD
MEDIAN

LEGEND

VP-6		PROPOSED VAPOR PROBE LOCATION
SSVP-3		PROPOSED SUB-SLAB VAPOR PROBE LOCATION
MW-1		MONITORING WELL LOCATION
VP1		SOIL VAPOR WELL LOCATION
MW-3		DESTROYED WELL LOCATION
SB6		SOIL/VAPOR BORING LOCATION (CRA, 2009)
		BORING (REFUSAL) LOCATION (CRA, 2009)
GP-2		SOIL BORING LOCATION (CAMBRIA, 2006)
S-8		MONITORING WELL LOCATION (SHELL)
VP-3		ATTEMPTED SOIL VAPOR PROBE LOCATION

- APPROXIMATE PROPERTY LINE
- COMMUNICATION LINE
- WATER LINE
- ELECTRIC LINE
- STORM DRAIN
- SANITARY SEWER
- FUEL SYSTEM LINE
- UNKNOWN UTILITY
- FORMER EXCAVATION LIMITS
- CATCHBASIN

Figure 2

SITE PLAN WITH BORING LOCATIONS
CHEVRON STATION 9-0917
5280 HOPYARD ROAD
Pleasanton, California

060057-2010(014)GN-DE001 APR 20/2010

	ZONE 7 WATER AGENCY **100 NORTH CANYONS PARKWAY** **LIVERMORE, CA 94551**	**WELL LOCATION MAP**	**SCALE: 1"= 750 ft** **DATE: 10/16/07** **5280 Hopyard Rd**

SENSITIVE RESEPTOR WELL SURVEY

CONESTOGA-ROVERS & ASSOCIATES

Zone 7 Water Agency Well Information - Chevron Service Station #9-0917 5280 Hopyard Rd., Pleasanton, CA

Well #	Use	Address	City	Well Owner	Assesor Parcel Number	Driller	Date Completed	Date Destroyed	Depth	Diameter	Perforated Upper	Perforated Lower
3S/1E 6F16	monitor	6341 SCARLETT CT	DUBLIN	BUSICK	941 0550 015 05	CLAYTON	4/14/1992		15.00	4.00	0.00	0.00
3S/1E 6F19	monitor	6341 SCARLETT CT	DUBLIN	BUSICK	941 0550 015 05	CLAYTON	7/31/1992		15.00	4.00	0.00	0.00
3S/1E 6F31	monitor	6341 SCARLETT CT	DUBLIN	BUSICK	945 0550 015 05	GREGG DRILLING	8/11/2000		20.00	2.00	5.00	20.00
3S/1E 6F32	monitor	6341 SCARLETT CT	DUBLIN	BUSICK	945 0550 015 05	GREGG DRILLING	9/24/2004		50.00	2.00	35.00	50.00
3S/1E 6F33	monitor	6341 SCARLETT CT	DUBLIN	BUSICK	945 0550 015 05	GREGG DRILLING	9/22/2004		39.50	2.00	36.50	38.50
3S/1E 6F34	unknown	6341 SCARLETT CT	DUBLIN	BUSICK	945 0550 015 05	--	--		0.00	0.00	0.00	0.00
3S/1E 6F35	unknown	6341 SCARLETT CT	DUBLIN	BUSICK	945 0550 015 05	--	--		0.00	0.00	0.00	0.00
3S/1E 6F36	unknown	6341 SCARLETT CT	DUBLIN	BUSICK	945 0550 015 05	--	--		0.00	0.00	0.00	0.00
3S/1E 6F37	unknown	6341 SCARLETT CT	DUBLIN	BUSICK	945 0550 015 05	--	--		0.00	0.00	0.00	0.00
3S/1E 6F38	unknown	6341 SCARLETT CT	DUBLIN	BUSICK	945 0550 015 05	--	--		0.00	0.00	0.00	0.00
3S/1E 6G 1	supply		DUBLIN	--	--	--	--		42.00	0.00	0.00	0.00
3S/1E 6G15	monitor	6015 SCARLETT CT	DUBLIN	VALLEY NISSAN/VOLVO	--	CLAYTON	12/4/1989		15.00	4.00	6.00	15.00
3S/1E 6G18	monitor	5787 SCARLETT CT	DUBLIN	LEW DOTY CADILLAC	--	CLAYTON	1/23/1990		18.00	4.00	0.00	0.00
3S/1E 6G19	monitor	5787 SCARLETT CT	DUBLIN	LEW DOTY CADILLAC	--	CLAYTON	1/23/1990		15.00	4.00	0.00	0.00
3S/1E 6G20	monitor	5787 SCARLETT CT	DUBLIN	LEW DOTY CADILLAC	--	CLAYTON	1/23/1990		19.00	4.00	0.00	0.00
3S/1E 6G22	monitor	5787 SCARLETT CT	DUBLIN	VALLEY NISSAN/VOLVO	--	CLAYTON	8/31/1990		16.00	4.00	0.00	0.00
3S/1E 6H 2	monitor	SCARLETT CT	DUBLIN	B.A.R.T.	--	AGS	10/15/1991		26.00	2.00	0.00	0.00
3S/1E 6J 1	irrigation			BEN DISALVO	--	--	--		33.00	10.00	0.00	0.00
3S/1E 6J 2	supply	OWENS DR & CHABOT DR	PLEASANTON	SFWD	--	--	--		0.00	0.00	0.00	0.00
3S/1E 6J 3	unknown		PLEASANTON	--	--	--	--		0.00	0.00	0.00	0.00
3S/1E 6J 4	monitor			HACIENDA BUSINESS PARK	--	--	--		30.00	0.00	15.00	30.00
3S/1E 6J 6	monitor	WILLOW RD. AT GIBRALTAR DR.	PLEASANTON	HACIENDA BUSINESS PARK	--	WAHLER ASSOC.	7/15/1988	7/22/1988	0.00	2.00	0.00	0.00
3S/1E 6K 1	monitor	5885 OWENS DR	PLEASANTON	HACIENDA BUSINESS PARK	--	--	--		52.00	0.00	14.00	50.00
3S/1E 6K 2	monitor	5885 OWENS DR	PLEASANTON	HACIENDA BUSINESS PARK	--	--	--		30.00	0.00	15.00	30.00
3S/1E 6K 3	monitor	HOPYARD RD & OWENS DR	PLEASANTON	SHELL OIL	941 2771 001 00	PACIFIC ENVIRO.	1/5/1988		29.00	3.00	0.00	0.00
3S/1E 6K 4	monitor	HOPYARD RD & OWENS DR	PLEASANTON	SHELL OIL	941 2771 001 00	PACIFIC ENVIRO.	1/5/1988		14.50	3.00	0.00	0.00
3S/1E 6K 5	monitor	HOPYARD RD & OWENS DR	PLEASANTON	SHELL OIL	941 2771 001 00	PACIFIC ENVIRO.	1/5/1988		14.50	3.00	0.00	0.00
3S/1E 6K 6	monitor	HOPYARD RD & OWENS DR	PLEASANTON	SHELL OIL	941 2771 001 00	PACIFIC ENVIRO.	1/5/1988		14.50	3.00	0.00	0.00
3S/1E 6K 7	monitor	5251 HOPYARD RD	PLEASANTON	SHELL OIL	941 2771 001 00	GEOSTRATEGIES	5/4/1989		24.00	3.00	4.00	24.00
3S/1E 6K 8	monitor	5251 HOPYARD RD	PLEASANTON	SHELL OIL	941 2771 001 00	GEOSTRATEGIES	5/4/1989		24.50	3.00	4.50	24.50
3S/1E 6K 9	monitor	5251 HOPYARD RD	PLEASANTON	SHELL OIL	941 2771 001 00	GEOSTRATEGIES	5/4/1989		25.00	3.00	5.00	25.00
3S/1E 6K10	monitor	5251 HOPYARD RD	PLEASANTON	SHELL OIL	941 2771 001 00	GEOSTRATEGIES	5/4/1989		24.00	3.00	4.50	24.50
3S/1E 6K11	monitor	5251 HOPYARD RD	PLEASANTON	SHELL OIL	941 2771 001 00	DELTA ENVIRO.	3/6/2006		20.00	4.00	10.00	20.00
3S/1E 6K15	monitor	5251 HOPYARD RD	PLEASANTON	SHELL OIL	941 2771 001 00	GEOSTRATEGIES	11/6/1989		26.00	3.00	0.00	0.00
3S/1E 6K16	monitor	5251 HOPYARD RD	PLEASANTON	SHELL OIL	941 2771 001 00	GEOSTRATEGIES	11/6/1989		25.50	3.00	0.00	0.00
3S/1E 6K17	monitor	5251 HOPYARD RD	PLEASANTON	SHELL OIL	941 2771 001 00	GEOSTRATEGIES	11/6/1989		25.00	3.00	0.00	0.00
3S/1E 6K18	monitor	OWENS DR. & CHABOT DR.	PLEASANTON	HACIENDA BUSINESS PARK		PACIFIC ENVIRO.	11/29/1989	11/19/1997	50.00	4.00	35.00	50.00
3S/1E 6K19	monitor	4780 CHABOT DR	PLEASANTON	SHELL OIL	941 2771 033 00	DELTA ENVIRO.	11/10/2006		20.00	2.00	10.00	20.00
3S/1E 6L 1	unknown			--	--	--	--		0.00	0.00	0.00	0.00
3S/1E 6L 2	unknown			--	--	--	--		0.00	0.00	0.00	0.00
3S/1E 6L 3	monitor	6660 OWENS DR	PLEASANTON	REYNOLDS-BROWN	--	--	--		17.00	2.00	0.00	0.00
3S/1E 6L 4	unknown			--	--	--	--		0.00	0.00	0.00	0.00
3S/1E 6M 4	monitor	JOHNSON DR	PLEASANTON	CALTRANS	--	WOODWARD	10/15/1993	7/23/1999	50.00	2.00	10.00	50.00
3S/1E 6P 1	monitor			--	--	--	--		16.00	0.00	0.00	0.00
3S/1E 6Q 1	supply	HOPYARD RD	PLEASANTON	HUGH WALKER	--	--	--	4/15/1965	43.00	8.00	0.00	0.00
3S/1E 6Q 2	irrigation	HOPYARD RD & OWENS DR	PLEASANTON	B.DISALVO	--	--	--		265.50	0.00	0.00	0.00
3S/1E 6Q 3	monitor	HOPYARD RD & GIBRALTAR DR	PLEASANTON	HACIENDA BUSINESS PARK	--	WAHLER ASSOC.	1/26/1984	2/8/1999	21.00	4.00	11.00	21.00
3S/1E 6Q 4	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	GROUNDWATER TECH	7/13/1989	4/18/1991	21.00	4.00	7.00	21.00
3S/1E 6Q 5	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	GROUNDWATER TECH	7/13/1989	4/18/1991	21.00	4.00	7.00	21.00
3S/1E 6Q 6	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	GROUNDWATER TECH	7/13/1989	4/19/1991	21.00	4.00	7.00	21.00
3S/1E 6Q 7	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	GROUNDWATER TECH	8/22/1991		25.00	2.00	10.00	25.00
3S/1E 6Q 8	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	GROUNDWATER TECH	8/22/1991		25.00	2.00	10.00	25.00
3S/1E 6Q 9	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	GROUNDWATER TECH	8/22/1991		25.00	2.00	10.00	25.00
3S/1E 6Q10	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	PACIFIC ENVIRO.	5/5/1997		20.00	2.00	5.00	20.00
3S/1E 6Q11	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	PACIFIC ENVIRO.	5/5/1997		20.00	2.00	5.00	20.00
3S/1E 6Q12	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	PACIFIC ENVIRO.	5/5/1997		20.00	2.00	5.00	20.00
3S/1E 6Q13	monitor	5280 HOPYARD RD	PLEASANTON	CHEVRON	941 1301 074 05	CAMBRIA ENVIRO.	8/4/2006		0.00	0.00	0.00	0.00
3S/1E 6R 3	monitor	WILLOW RD. & BAKER DR.	PLEASANTON	HACIENDA BUSINESS PARK	--	WAHLER ASSOC.	11/28/1984	11/18/1997	36.00	2.00	27.00	36.00
3S/1E 6R 4	monitor	WILLOW RD. & GIBRALTAR DR.	PLEASANTON	HACIENDA BUSINESS PARK	--	WAHLER ASSOC.	10/8/1984		51.50	0.00	5.00	25.00
3S/1E 6R 5	monitor				--		--		0.00	0.00	0.00	0.00
3S/1E 7B 2	monitor	HOPYARD @ MORSE	PLEASANTON	ZONE 7	--		--		152.00	4.00	143.00	149.00
3S/1E 7B 8	monitor	HOPYARD RD & MORSE DR	PLEASANTON	PACTEL PROPERTIES	--	WOODWARD	12/20/1990		25.00	2.00	9.00	24.00
3S/1E 7B 9	monitor	HOPYARD RD & MORSE DR	PLEASANTON	PACTEL PROPERTIES	--	WOODWARD	12/20/1990		25.00	2.00	9.00	24.00