CONESTOGA-ROVERS & ASSOCIATES

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Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: November 29, 2012

REFERENCE NO.: 312002

PROJECT NAME: Former Signal Oil Station #20-6145

ACEHS RO #0454

TO: Mr. Mark Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RECEIVED
7:49 am, Dec 04, 2012
Alameda County
Environmental Health

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☐ Final
- ☐ Other

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QUANTITY	DESCRIPTION
	Closure Request

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

COMMENTS:
Please contact Greg Barclay at 916-889-8910 with any questions or comments.
Thank you.

Copy to: Mr. Rene Boisvert, 800 Center LLC

Completed by: Tina M. Hariu [Please Print] Signed: Tina M. Hariu

Filing: **Correspondence File**

Eric Hetrick
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6513
EHetrick@chevron.com

November 29, 2012

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

Re: Former Signal Oil Station No. 20-6145
800 Center Street
Oakland, CA
ACEH RO0454

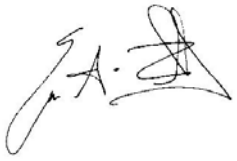
I have reviewed the attached Closure Request dated November 29, 2012.

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 who 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,



Eric Hetrick
Project Manager

Attachment: Closure Request

CLOSURE REQUEST

FORMER SIGNAL OIL STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA
FUEL LEAK CASE RO0454

Prepared For:

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

Prepared by:
Conestoga-Rovers & Associates

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NOVEMBER 29, 2012
REF. NO. 312002 (24)
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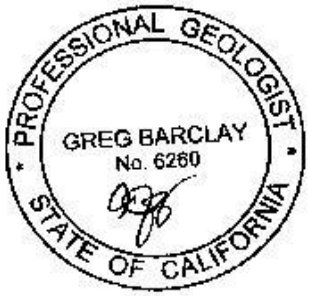
CLOSURE REQUEST

FORMER SIGNAL OIL STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA
FUEL LEAK CASE RO0454

Haroon Rahmani



Greg Barclay, PG 6260

Prepared by:
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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) is submitting this *Closure Request* for Former Signal Oil 206145 located at 800 Center Street in Oakland, California, on behalf of Chevron Environmental Management Company (Chevron). Based on our review of the available site background and conditions documented in historical reports, this site meets the general and media-specific criteria outlined in the State Water Resources Control Board (SWRCB) *Low-Threat Underground Storage Tank Case Closure Policy,* Resolution No. 2012-0016, adopted on August 17, 2012. Given the site meets these criteria, a recommendation for site closure is included.

Per the SWRCB's September 21, 2010 letter, *Preliminary 5-Year Review Summary Report for USTCF Claim Number: 012265*, the site meets the Region 2 criteria for low risk groundwater site closure. A site description, site conceptual model, and the rationale for closure based on the low-threat policy criteria are presented in the following sections.

2.0 SITE DESCRIPTION

The site is a former Signal Oil gasoline service station located on the northeastern corner of the intersection of 8th Street and Center Street in a mixed commercial and residential area of Oakland, California (Figures 1 and 2). A service station operated at the site from 1932 to 1973. The site is currently undeveloped and surrounded by a temporary chain-link fence. At this time, future use is unknown.

3.0 CONCEPTUAL SITE MODEL

3.1 SITE GEOLOGY AND HYDROGEOLOGY

The site is part of the Oakland sub-area of the East Bay Plain. Sediments beneath the site are likely Holocene and late Pleistocene alluvial fans.[1] Local topography is relatively flat and the site is approximately 15 feet above mean sea level. Subsurface sediments consist of medium permeability sand and silty sand to the maximum depth explored of 80 feet below grade (fbg). Silt with clay is encountered between approximately 50 and 65 fbg. Geologic cross-sections are presented on Figures 3 and 4 and boring logs are included in Appendix A.

[1] East Bay Plain Groundwater Basin Beneficial Use Evaluation Report, Alameda and Contra Costa Counties, CA prepared by the California Regional Water Quality Control Board San Francisco Bay Region Groundwater Committee, June 1999

Groundwater in the East Bay Plain basin is designated as a potential drinking water source; however, groundwater in the basin is not currently used as a municipal drinking water supply due to readily available imported surface water[2], provided by East Bay Municipal Utility District (EBMUD). Groundwater has been monitored at the site since 1995. The shallow water-bearing zone is monitored by wells installed at three different depth intervals, approximately 5 to 20 fbg, 35 to 40 fbg, and 55 to 60 fbg. Deeper screened wells have monitored deep groundwater since 2007. A summary of well construction specifications are detailed in Table 1. Historical depth to groundwater in the shallow screened wells ranges from approximately 3 to 13 fbg and in the deeper screened wells ranges from 7 to 19 fbg, indicating hydraulic connectivity between depth intervals. Shallow and intermediate groundwater flows consistently toward the southwest. Deeper groundwater flow varies from southwest to northeast.

3.2 SUMMARY OF PREVIOUS WORK

3.2.1 UST HISTORY

The site was first developed as a service station in 1932. Four 1,000-gallon fuel underground storage tanks (USTs) and one used-oil UST were installed when the site was developed (Figure 2). These USTs were removed in 1973 when the station was closed.

In 1999, Gettler-Ryan (G-R) removed fuel USTs, dispenser islands, sump, hydraulic hoist, building foundations, garbage enclosure, yard lights and asphalt. During station removal, an orphaned 1,000-gallon gasoline UST, an orphaned 550-gallon used-oil UST, and a buried 55-gallon drum were encountered, and after UST ownership was established, the USTs and drum were removed in 2001. Based on soil data, the primary source of hydrocarbons was the former fuel USTs located on the west edge of the site and the former dispenser island located in the southwestern corner of the site. In 2002, G-R removed 1,584 tons of hydrocarbon-bearing soil to approximately 12 to 14 fbg.

3.2.2 SITE ASSESSMENT HISTORY

Environmental investigation has been ongoing since 1989. To date, 17 monitoring wells, 8 air sparge wells, 51 soil borings, and 11 soil vapor probes have been drilled/installed at and near the site (Figure 2). Well construction details are included in Table 1. A remedial excavation was completed in 2002, removing approximately 1,584 tons of soil, and a low flow air sparge (LFAS)

[2] Table 2-2 Existing and Potential Beneficial Uses in Groundwater in Identified Basins; *Water Quality Control Plan (Basin Plan) for the San Francisco Bay Basin*; California Regional Water Quality Control Board- San Francisco Bay Region, January 18, 2007.

pilot test operated from January through April 2011. Groundwater is currently monitored by 17 onsite and offsite monitoring wells. A summary of previous investigation and remediation is presented in Appendix B.

Based on over 250 soil samples collected during well and boring advancement, UST, dispenser, and piping removals, and the 2002 soil excavation, residual petroleum hydrocarbons in soil are limited in extent and are laterally and vertically defined to the extent practical (Figures 5 through 13). Groundwater monitoring data from 17 wells indicates dissolved hydrocarbon concentrations are limited in extent, are laterally and vertically defined (Figures 14 through 17), and are declining as a result of source removal, remediation and natural attenuation. Five years of soil vapor data indicate there is no significant risk from soil vapor in the vadose zone to the surrounding residences or any future site occupants under static equilibrium conditions.

3.3 DISTRIBUTION OF RESIDUAL HYDROCARBONS AND OXYGENATES

3.3.1 SOIL

The primary constituents of concern (COCs) are total petroleum hydrocarbons as diesel (TPHd), total petroleum hydrocarbons as gasoline (TPHg), and benzene. Secondary COCs include toluene, ethylbenzene, xylenes, and methyl tertiary butyl ether (MTBE).

In November 2002, the majority of source area hydrocarbon-bearing soil was over-excavated from the areas of the former USTs, dispenser islands, former hydraulic lift, and sump, to depths ranging from approximately 12 and 14 fbg. Based on over 250 soil samples, residual hydrocarbon concentrations are highest from 9 to 10 fbg in the southeast and central portions of the site. Petroleum hydrocarbons detected in soil are adequately delineated vertically and horizontally. Groundwater depth ranges from 3 to 13 fbg; therefore, a significant portion of the residual hydrocarbon mass in soil resides below the water table. The vertical extent of residual hydrocarbons in soil is illustrated on Figures 3 and 4 and the lateral extent is illustrated on Figures 5 through 13. Cumulative soil analytical data are presented in Table 2.

On January 22, 2010, CRA collected soil samples from 12 locations (SS-1 through SS-12) at approximately 0.5 and 2.5 fbg to assess potential risk associated with exposure to lead for future onsite residents. Soil samples were analyzed for lead, organochlorine pesticides, and polychlorinated byphenyls (PCB). Soil sampling and results were detailed in CRA's February 15, 2010 *Surficial Soil Lead Results Report*, and the soil sample locations and analytical results are included in Appendix C. Although organochlorine pesticides were detected above residential ESLs in four of the soil sample locations on the former service station property, no lead or PCB concentrations exceeding residential ESLs were detected at any of these locations or any other

locations on the former service station property. Lead concentrations exceeding the residential direct exposure Environmental Screening Level (ESLs)3 were detected in soil samples collected on parcels north and east of the former Signal Oil property.

3.3.2 GROUNDWATER

Groundwater has been monitored and sampled for 17 years. Three groundwater depth intervals within the shallow water-bearing zone are currently monitored using 17 monitoring wells. No light non-aqueous phase liquid (LNAPL) has been observed at the site. Current and historical groundwater monitoring and sampling data are presented as Appendix D. A summary of the August 7, 2012 groundwater monitoring data is presented in Table A below.

[3] Environmental Screening Levels (Table K-1) from *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.

TABLE A: GROUNDWATER ANALYTICAL DATA AUGUST 7, 2012							
Well ID	*TPHd w/ Si Gel (µg/L)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*MTBE (µg/L)*
ESLs	***100***	***100***	***1***	***40***	***30***	***20***	***5***
MW-1A	**540**/<50*	<50	<0.5	<0.5	<0.5	<1.5	<2.5
MW-2	**410/270***	<50	<0.5	<0.5	<0.5	<1.5	<2.5
MW-3	**2,600/1,100***	**3,800**	**120**	4.1	5.0	14	**38**
MW-4	**700**/54*	**400**	**20**	<0.5	3.1	<1.5	**5.3**
MW-5	<50/<50*	<50	<0.5	<0.5	<0.5	<1.5	<2.5
MW-6	74/<50*	<50	<0.5	<0.5	<0.5	<1.5	<2.5
MW-7	96/63*	<50	<0.5	<0.5	<0.5	<1.5	<2.5
MW-8	<50/<50*	<50	<0.5	<0.5	<0.5	<1.5	<2.5
MW-9	61/<50*	<50	<0.5	<0.5	<0.5	<1.5	NA
MW-10	59/<50*	<50	<0.5	<0.5	<0.5	<1.5	NA
MW-11	<50/<50*	<50	<0.5	<0.5	<0.5	<1.5	NA
MW-12	<50/<50*	<50	<0.5	<0.5	<0.5	<1.5	NA
MW-13	<50/<50*	<50	<0.5	<0.5	<0.5	<1.5	NA
MW-14	61/<50*	<50	<0.5	<0.5	<0.5	<1.5	NA
MW-15	<50/<100*	<50	<0.5	<0.5	<0.5	<1.5	NA
MW-16	<50/<50*	<50	<0.5	<0.5	<0.5	<1.5	NA
MW-17	<50/<50*	<50	<0.5	<0.5	<0.5	<1.5	NA

µg/L Micrograms per liter
< Indicates constituent was not detected at or above laboratory reporting limit.
NA Not analyzed
ESL RWQCB-San Francisco Bay Region, *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim final, November 2007, revised May 2008, Table F1-a.
* TPHd with silica gel / TPHd with silica gel (the reverse surrogate, capric acid, was present at <1%)

Dissolved TPHd (using silica gel cleanup with reverse surrogate, capric acid) is limited to onsite wells MW-1A and MW-3 and laterally defined in all directions (Figure 14). Dissolved TPHg is limited to onsite wells MW-3 and MW-4 and is adequately defined (Figure 15). Dissolved benzene is limited only to onsite well MW-3 and is laterally defined in all directions (Figure 16). No MTBE is detected in groundwater. The plume is limited to the shallow depth interval and vertically defined by wells MW-9 through MW-17, which do not contain dissolved hydrocarbons (Figure 17). Cumulative grab-groundwater data is included in Table 3.

Residual dissolved TPHd is detected above the drinking water ESL in wells MW-1A and MW-3. TPHg is detected above the ESL in wells MW-3 and MW-4, and benzene is detected above the ESL in MW-3. All other constituents of concern are below the laboratory reporting limits and/or ESL.

3.3.3 CONCENTRATION TREND GRAPHS

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*[4] to estimate the time to reach water quality objectives (WQOs); ESLs in this case. CRA calculated the concentration trends for dissolved TPHd, TPHg and benzene to predict when they would meet the San Francisco Regional Water Quality Control Board's (RWQCB's) ESLs presented in the Interim Final – November 2007 (Revised May 2008) *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*. These ESLs are 100 µg/L TPHd, 100 µg/L TPHg and 1 µg/L benzene. CRA used the following first order exponential decay rate calculation to estimate the time to meet the applicable ESLs:

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

Where "a" is a decay constant, "b" is a concentration at time (x), y is concentration (ESL) and "x" is time. Trend graphs and degradation calculations are presented in Appendix E. Table B presents a summary of historical maximum and current concentrations for the three wells of concern (MW-1A, MW-3 and MW-4) and projections to meet the ESLs.

TABLE B
SUMMARY OF DEGRADATION RATE CALCULATIONS

Well	*Analyte*	*Maximum Concentration (ug/L)*	*Current Concentration (ug/L)*	*ESL*	*Date to Reach ESL*	*Years to reach ESL*
MW-1A	TPHd	10,000	<50	100	January 2017	4
	TPHg	6,200	<50	100	ESL Reached	0
	Benzene	150	<0.5	1	ESL Reached	0
MW-3	TPHd	10,000	1,100	100	December 2026	14
	TPHg	75,000	3,800	100	June 2018	6
	Benzene	17,000	120	1	July 2015	3
MW-4	TPHd	2,200	54	100	ESL Reached	0
	TPHg	13,000	400	100	July 2012*	0
	Benzene	3,700	20	1	ESL Reached	4

*Projections suggest ESL should currently be met, however current concentration is still slightly above the ESL.

All COCs are expected to reach the drinking water ESLs within 14 years, which is a reasonable period of time. All other constituents in these wells have already decreased to below the laboratory detection limit and/or ESLs.

[4] Newell, C. J., et. al., 2002, Calculation and use of first-order rate constants for monitored natural attenuation studies: USEPA National Risk Management Research Laboratory, Cincinnati, Ohio; EPA/540/S-02/500.

3.3.4 VAPOR

During the most recent sampling event on May 16, 2012, the maximum hydrocarbon concentrations detected in soil vapor were:

- 1,700 micrograms per cubic meter (µg/m^3) TPHg in VP-5
- 7.3 µg/m^3 benzene in VP-5
- 46 µg/m^3 toluene in VP-4
- 4.1 µg/m^3 ethylbenzene in VP-5
- 36 µg/m^3 xylenes in VP-4
- No MTBE or naphthalene were detected

Hydrocarbon concentrations in soil vapor are below the residential ESLs for shallow soil gas (ESL Table E-2). The soil vapor samples collected in May 2011, one month after the low flow air sparge pilot test, contained concentrations up to three orders of magnitude above the residential ESL for soil gas. Since then, soil vapor samples have been collected quarterly to confirm those concentrations detected in May 2011. Over the past four quarters, concentrations have decreased by up to five orders of magnitude and have been below the residential ESLs for soil gas for at least three quarters. Additionally, oxygen in the most recent vapor samples ranges from 13 to 19 percent, indicating a sufficient bioattenuation zone between the probe and the surface. This site is currently undeveloped and surrounded by residential buildings. Based on the soil vapor data, there is no significant risk from soil vapor in the vadose zone to the surrounding residences or any future site occupants under static equilibrium conditions. Cumulative vapor data are presented in Table 4.

3.4 SENSITIVE RECEPTORS AND EXPOSURE PATHWAYS

3.4.1 SURFACE WATER

The nearest surface water body is Oakland Inner Harbor, approximately 1 mile south of the site and downgradient edge of the residual groundwater plume (Figure 1).

3.4.2 WATER SUPPLY WELLS

The source of potable water at the site and in the immediate vicinity of the site is imported surface water provided by EBMUD. In December 2009, CRA conducted a well survey by

contacting the Department of Water Resources (DWR) to obtain records of wells within a 2,000-foot radius of the site. No domestic, irrigation, industrial or municipal wells were identified in this search.

3.4.3 POTENTIAL HUMAN RECEPTORS

The site is currently a vacant lot surrounded by a temporary chain link fence. The site is in an area of mixed commercial and residential use.

A sensitive receptor survey identified four schools within 2,000 feet of the site; the nearest of which is located approximately 800 feet northwest (crossgradient) of the site. A list of sensitive receptors is included in Table 5 and their locations relative to the site are presented on Figure 18.

3.4.4 SUMMARY OF POTENTIAL EXPOSURE PATHWAYS

The subject property is currently an empty, unpaved lot and its future use is unknown. Possible exposure pathways include ingestion, direct contact with soil and groundwater, and vapor intrusion to indoor air. A discussion of each pathway is included below.

Ingestion

No municipal, domestic, industrial or irrigation wells were identified within a 2,000-foot radius of the site. Additionally, water is provided to the residential area surrounding the site by EBMUD. The dissolved hydrocarbon plume is shrinking and is vertically defined; therefore, it is highly unlikely that any future drinking water wells or deeper aquifers will be affected by hydrocarbons originating at the site. Furthermore, it is unlikely that drinking water wells would be installed near the site in the future since water is provided to the surrounding area by EBMUD. Therefore, ingestion is not considered an exposure pathway.

Direct Contact

Under the current use scenario, direct exposure by a resident, commercial/industrial workers or construction/trench workers is possible in the future. The depth of exposure for residents and commercial/industrial workers is to surface or shallow subsurface soils (0-2 feet below ground surface).[5] No hydrocarbon concentrations detected between 0 and 2 fbg exceeded the direct exposure ESLs. Additionally, as discussed in Section 3.3.1, no lead or PCB concentrations detected on the former service station property exceeded the direct exposure ESLs for residents.

[5] Sections 6.1.1 and 6.2.1 of the RWQCB-San Francisco Bay Region, *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim final, November 2007, revised May 2008.

Therefore direct contact to soil is not a potential threat to residents or commercial/industrial workers.

The depths of exposure for a construction/trench worker are suggested to be between 0 to 10 fbg.[6] Of the over 250 soil samples collected, only two from a depth of 9.5 fbg contained hydrocarbon concentrations above the ESLs for construction trench workers and are limited to CPT-5 (located adjacent to the site on Center Street) and onsite well boring MW-17. Since these soil samples are limited to one location onsite and one location offsite, it is unlikely that direct contact poses a risk to future construction/trench workers.

Vapor Intrusion

Hydrocarbon concentrations in soil vapor have been below residential ESLs during the last three sampling events and have been declining over the past year. Therefore, vapor intrusion is not considered a threat to occupants of the surrounding residences or future onsite buildings.

4.0 REQUEST FOR CLOSURE

On August 17, 2012, the SWRCB adopted Resolution No. 2012-0016, the *Low-Threat Underground Storage Tank Case Closure Policy*. The intent of this policy is to increase cleanup process efficiency at petroleum release sites. A benefit of improved efficiency is the preservation of limited resources for mitigation of releases posing the greatest threat to human and environmental health. Per the policy, sites that meet the general and media-specific criteria described in the policy pose a low-threat to human health, safety, or the environment and are appropriate for case closure pursuant to Health and Safety Code section 25296.10. The policy further states that sites meeting the stated criteria for low-threat closure do not require further corrective action and should be issued a closure letter.

4.1 PROJECT SITE SATISFACTION OF GENERAL CRITERIA REQUIREMENTS

The eight general criteria that must be satisfied by all candidate sites are listed as follows:

a. The unauthorized release is located within the service area of a public water system.

[6] Section 6.2.2 of the RWQCB-San Francisco Bay Region, *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim final, November 2007, revised May 2008.

Satisfied: The site and surrounding properties are served by EBMUD, which imports surface water to supply to the public. Additionally, as discussed in Section 3.4.2, no water supply wells were identified within 2,000 feet of the site.

b. The unauthorized release consists only of petroleum.

Satisfied: The site's unauthorized release has been characterized as a release of petroleum-based products. The primary sources of hydrocarbons were the four former fuel USTs located on the western edge of the site and the former dispenser islands located on the southwestern corner of the site. The primary COCs are TPHd, TPHg, and benzene.

c. The unauthorized ("primary") release from the UST system has been stopped.

Satisfied: All petroleum storage and handling facilities have been removed from the site.

d. Free product has been removed to the maximum extent practicable.

Satisfied: No free product or LNAPL has been observed at the site.

e. A conceptual site model has been developed.

Satisfied: This report contains all elements of a CSM.

f. Secondary source removal has been addressed.

Satisfied: In 2002, G-R removed 1,584 tons of hydrocarbon-bearing soil in the areas of the former fuel USTs, dispenser islands, hydraulic lift, and sumps, to depths of approximately 12 to 14 fbg. Prior to backfilling the excavation, approximately 900 pounds of ORC was placed at the base of the excavation. In 2011, a LFAS pilot test reduced dissolved hydrocarbons by at least one order of magnitude. The rate of natural attenuation is exceeding the rate of hydrocarbon mass flux from soil to groundwater, as demonstrated by the reduction in hydrocarbon concentrations over time in groundwater in wells MW-1 through MW-4.

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code section 25296.15.

Satisfied: MTBE has been evaluated in soil and groundwater, and reported in accordance with Health and Safety Code section 25296.15. Soil was analyzed for MTBE during 1996, 2001, 2002, 2003, 2004, and 2007 subsurface investigation, and

groundwater has been analyzed for MTBE since 1997. According to soil and groundwater data and consistent with the period of station operation (ceased in 1973), MTBE is not a constituent of concern. MTBE in soil is listed in Table 2 and in groundwater is listed in Appendix D.

h. Nuisance as defined by Water Code section 13050 does not exist at the site.

Satisfied: Conditions satisfying the definition of a nuisance as defined in Water Code section 13050 do not exist at the site.

4.2 MEDIA-SPECIFIC CRITERIA REQUIREMENTS

Media-specific criteria are related to the most common exposure scenarios, which in the policy have been combined into three media-specific criteria related to:

1. Groundwater
2. Vapor Intrusion to Indoor Air
3. Direct Contact and Outdoor Air Exposure

4.2.1 GROUNDWATER-SPECIFIC CRITERIA

It is a fundamental tenet of the *Low-Threat Policy* that if the closure criteria described in the policy are satisfied at a release site, applicable WQOs will be attained through natural attenuation within a reasonable amount of time, prior to the need for use of any affected groundwater. If a site has groundwater with a designated beneficial use that is affected by an unauthorized release, to satisfy the media-specific criteria for groundwater stated in the *Low-Threat Policy*, the contaminant plume that exceeds WQOs must be stable or decreasing in areal extent, and meet all of the additional characteristics of one of the five classes of sites listed in the policy.

The five classes of sites are stated in the policy as follows:

1. a. The contaminant plume that exceeds WQOs is less than 100 feet in length.
   b. There is no free product.
   c. The nearest existing water supply well and/or surface water body is greater than 250 feet from the defined plume boundary.

2. a. The contaminant plume that exceeds WQOs is less than 250 feet in length.
   b. There is no free product.

c. The nearest existing water supply well and/or surface water body is greater than 1,000 feet from the defined plume boundary.
d. The dissolved concentration of benzene is less than 3,000 µg/l and the dissolved concentration of MTBE is less than 1,000 µg/l.

3. a. The contaminant plume that exceeds WQOs is less than 250 feet in length.
b. Free product may be present below the site but does not extend off-site.
c. The plume has been stable or decreasing for a minimum of 5 years.
d. The nearest existing water supply well and/or surface water body is greater than 1,000 feet from the defined plume boundary.
e. The property owner is willing to accept a deed restriction if the regulatory agency requires a deed restriction as a condition of closure.

4. a. The contaminant plume that exceeds WQOs is less than 1,000 feet in length.
b. There is no free product.
c. The nearest existing water supply well and/or surface water body is greater than 1,000 feet from the defined plume boundary.
d. The dissolved concentration of benzene is less than 1,000 µg/l and the dissolved concentration of MTBE is less than 1,000 µg/l.

5. a. An analysis of site specific conditions determines that the site under current and reasonable anticipated near-term future scenarios poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.

Satisfied: The site meets Class 1 criteria. The dissolved TPHg and benzene plumes that exceed WQOs are less than 100 feet in length. Groundwater monitoring data from site wells indicate that residual hydrocarbons have decreased by two to three orders of magnitude and the extent of the dissolved hydrocarbon plume is laterally defined by wells MW-1A, MW-2, and MW-5 through MW-8, and is vertically defined by wells MW-9 through MW-17. No LNAPL has been detected at this site. No water supply wells were identified within a 2,000-foot radius of the site and the nearest surface water body is the Oakland Inner Harbor approximately 1 mile south of the site.

4.2.2 PETROLEUM VAPOR INTRUSION TO INDOOR AIR

The low-threat vapor-intrusion criteria described below apply to sites where the release originated and impacted or potentially impacted adjacent parcels when: (1) existing buildings are occupied or maybe reasonably expected to be occupied in the future, or (2) buildings for human occupancy are reasonably expected to be constructed in the future.

Petroleum release sites will satisfy the media-specific screening criteria for petroleum vapor intrusion if:

a. Site-specific conditions at the release site satisfy all the characteristics as applicable of scenarios 1 through 3, or all of the characteristics of scenario 4; or,
b. A site-specific risk assessment for vapor intrusion is conducted and demonstrates that human health is protected to satisfaction of regulatory agency; or,
c. Agency determines there is no significant risk of adversely affecting human health through the use of institutional or engineering controls.

Scenario 1: Unweathered* LNAPL in Groundwater

- Depth to groundwater with unweathered* LNAPL is ≥30' below building foundation.
- Total TPH (TPHg + TPHd) in soil within 30' below building foundation is <100 mg/kg

Scenario 2: Unweathered* LNAPL in Groundwater

- Unweathered* LNAPL in soil is ≥30' from building foundation in all directions, and depth to groundwater is >30' below building foundation.
- Total TPH in soil within 30' of building foundation in all directions is <100 mg/kg.

Scenario 3A: No LNAPL, dissolved phase benzene in groundwater

- Depth to groundwater is ≥5' below building foundation.
- Dissolved benzene in groundwater is <100 µg/L.
- Total TPH in soil within 5' below building foundation is <100 mg/kg
- O2 concentration in soil within 5' below building foundation is <4%, or no O2 data.

Scenario 3B: No LNAPL, dissolved phase benzene in groundwater

- Depth to groundwater is ≥10' below building foundation.
- Dissolved benzene in groundwater is ≥100 µg/L and <1,000 µg/L.
- Total TPH in soil within 10' below building foundation is <100 mg/kg
- O2 concentration in soil within 10' below building foundation is <4%, or no O2 data.

Scenario 3C: No LNAPL, dissolved phase benzene in groundwater

- Depth to groundwater is ≥5' below building foundation.
- Dissolved benzene in groundwater is <1,000 µg/L.
- Total TPH in soil within 5' below building foundation is <100 mg/kg

- Oxygen concentration in soil within 5' below building foundation is ≥4%.

Scenario 4A: Direct soil gas measurements at 5' below grade or foundation at sites without bioattenuation zone** (same as CHHSLs)

	Benzene µg/m³	*Ethylbenzene µg/m³*	*Naphthalene µg/m³*
Residential	<85	<1,100	<93
Commercial	<280	<3,600	<310

µg/m³ – micrograms per cubic meter

Scenario 4B: Direct soil gas measurements at 5' below grade or foundation at sites with bioattenuation zone**

	Benzene µg/m³	*Ethylbenzene µg/m³*	*Naphthalene µg/m³*
Residential	<85,000	<1,100,000	<93,000
Commercial	<280,000	<3,600,000	<310,000

*Unweathered LNAPL is comparable to recently dispensed fuel where product has not been subjected to significant volatilization or solubilization.
**Bioattentuation zone = total TPH <100 mg/kg in upper 5' of soil, and ≥4% oxygen in soil at 5' sample depth; a 1,000-fold bioattenuation of petroleum vapors is assumed for the zone.

Satisfied: This site meets all criteria of Scenario 4. Soil vapor samples have been collected quarterly for over one year from six soil vapor probes at 5 fbg. Benzene, ethylbenzene, and naphthalene concentrations are below the residential soil gas criteria listed in the Scenario 4 table. Additionally, oxygen in the vapor samples ranges from 13 to 19 percent, indicating a sufficient bioattenuation zone between the probe and the surface. This site is currently undeveloped and surrounded by residential buildings. Based on the soil vapor data, there is no significant risk from soil vapor in the vadose zone to the surrounding residences or any future site occupants under static equilibrium conditions.

4.2.3 DIRECT CONTACT AND OUTDOOR AIR EXPOSURE

The low-threat policy describes conditions where direct contact with contaminated soil or inhalation of contaminants volatized to outdoor air poses an insignificant threat to human health. Release sites where human exposure may occur satisfy media-specific criteria for direct contact and outdoor air exposure and shall be considered low-threat if they meet any one of the following criteria:

a. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in the table below for the specified depth below ground surface. The limits from 0 to 5 fbg protect from ingestion, dermal contact, and outdoor inhalation of volatile and particulate emissions. The 5 to 10 fbg limits protect for inhalation of volatile emissions only; ingestion and dermal contact pathways not considered significant.

Constituent	*Residential*		*Commercial/Industrial*		*Utility Worker*
	0 – 5 fbg mg/kg	*Volatilization to outdoor air (5 – 10 fbg) mg/kg*	*0 – 5 fbg mg/kg*	*Volatilization to outdoor air (5 – 10 fbg) mg/kg*	*0 – 10 fbg mg/kg*
Benzene	1.9	2.8	8.2	12	14
Ethylbenzene	21	32	89	134	314
Naphthalene	9.7	9.7	45	45	219
PAH*	0.063	NA	0.68	NA	4.5

*Notes: Based on the seven carcinogenic polynuclear aromatic hydrocarbons (PAHs) as benzo(a)pyrene toxicity equivalent [BaPe]. The PAH screening level is only applicable where soil is affected by either waste oil and/or Bunker C fuel.

b. Maximum concentrations of petroleum constituents in soil are less than levels that a site-specific risk assessment demonstrates will have no significant risk of adversely affecting human health.

c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health.

Satisfied: No benzene or ethylbenzene concentrations in soil exceed the direct contact exposure criteria for residential or commercial (0-5 fbg). Of the 114 soil samples collected between 5 and 10 fbg, 16 contain benzene and/or ethylbenzene concentrations above the residential outdoor air exposure criteria and 8 contain benzene and/or ethylbenzene concentrations above the commercial/industrial outdoor air exposure criteria. Additionally, 6 samples contain benzene and/or ethylbenzene concentrations above the utility worker exposure criteria. Given site-specific vapor data, residential or commercial/industrial risk to outdoor air exposure is unlikely. Risk to a utility worker from direct contact with residual hydrocarbons in soil could be possible for excavations exceeding 5 fbg, but unlikely, and can be addressed through

implementation of a soil management plan. Soil samples have not been analyzed for PAHs, including naphthalene.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Site conditions meet all the general and site-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 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. CRA, on behalf of Chevron, recommends and requests no further action and low-risk case closure for the site.

FIGURES

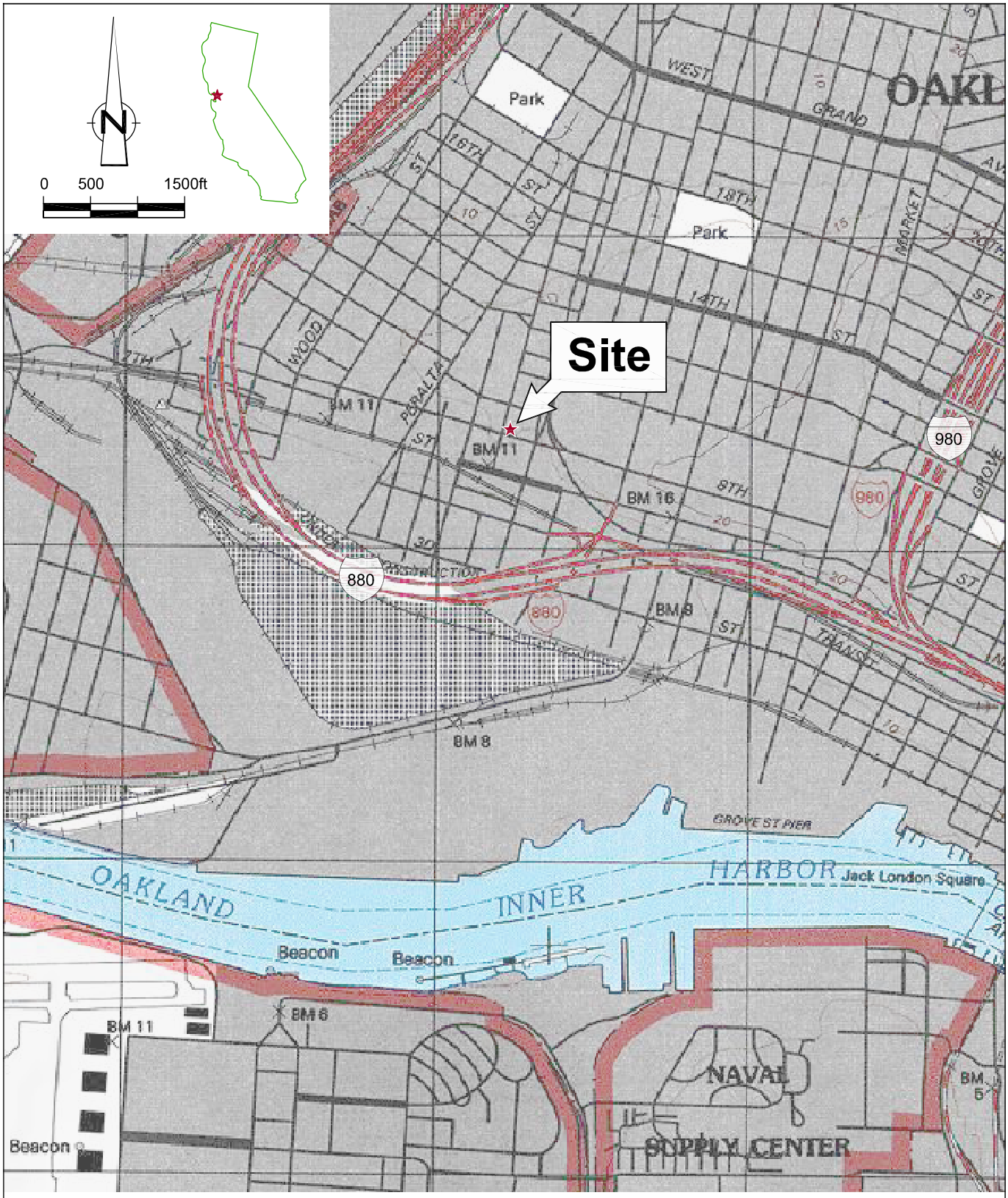
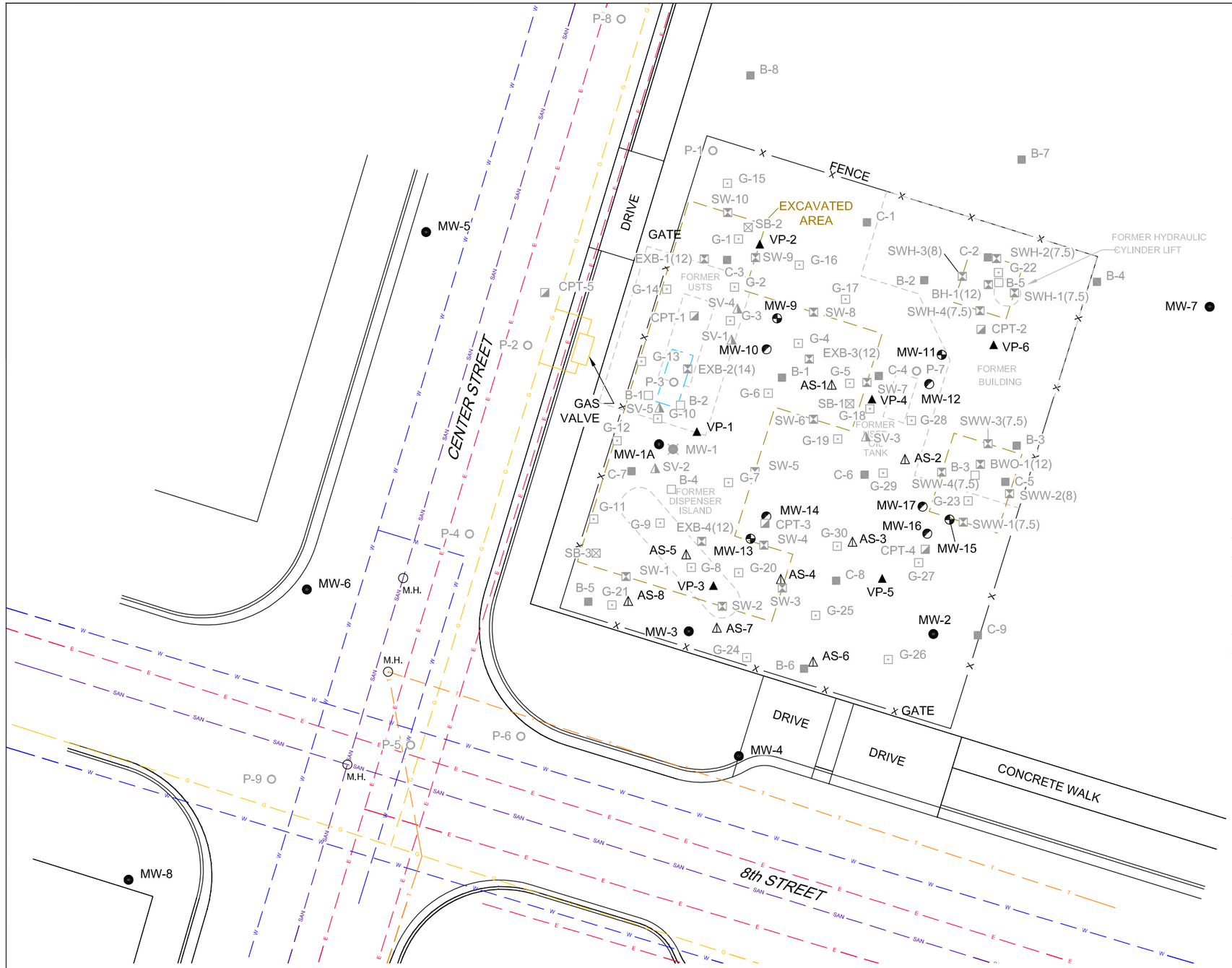


Figure 1

VICINITY MAP
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California



HISTORICAL GROUNDWATER FLOW DIRECTION
SHALLOW WELLS (1999 - 2011)

Figure 2

SITE PLAN
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM002 AUG 1/2012

LEGEND

MW-9 — WELL DESIGNATION

GROUND SURFACE

OBSERVATION WELL INSTALLATION

STRATIGRAPHIC BOUNDARY

SM — TYPICAL SOIL CLASSIFICATION

SCREENED INTERVAL

BOTTOM OF BORING

APPROXIMATE SOIL SAMPLE LOCATION

TPHd
TPHg
BENZENE
DATE
HYDROCARBON CONCENTRATIONS IN SOIL (mg/kg)

GROUNDWATER DEPTH (2/29/12 UNLESS OTHERWISE NOTED)

TPHd
TPHg
BENZENE
MTBE
HYDROCARBON CONCENTRATIONS IN GROUNDWATER (µg/L)

APPROXIMATE VAPOR SAMPLE LOCATION (5/16/12)

TPHd
TPHg
BENZENE
MTBE
HYDROCARBON CONCENTRATIONS IN VAPOR (µg/m³)

FILL

SM - SILTY SANDS, SAND-SILT MIXTURES
SC - CLAYEY SANDS, SAND-CLAY MIXTURES

SP/SM - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES AND SILTY SANDS, SAND-SILT MIXTURES
SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES

SW - WELL-GRADED SAND, GRAVELLY SANDS, LITTLE OR NO FINES

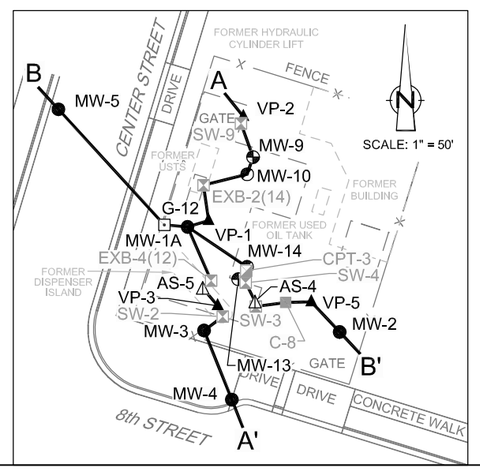
-- NOT ANALYZED

* THE REVERSE SURROGATE, CAPRIC ACID, WAS PRESENT AT <1%

1,000 — TOTAL PETROLEUM HYDROCARBON AS GASOLINE CONTOUR LINE IN SOIL, DASHED WHERE INFERRED
TOTAL PETROLEUM HYDROCARBON AS GASOLINE

HISTORICAL HIGH GROUNDWATER

HISTORICAL LOW GROUNDWATER



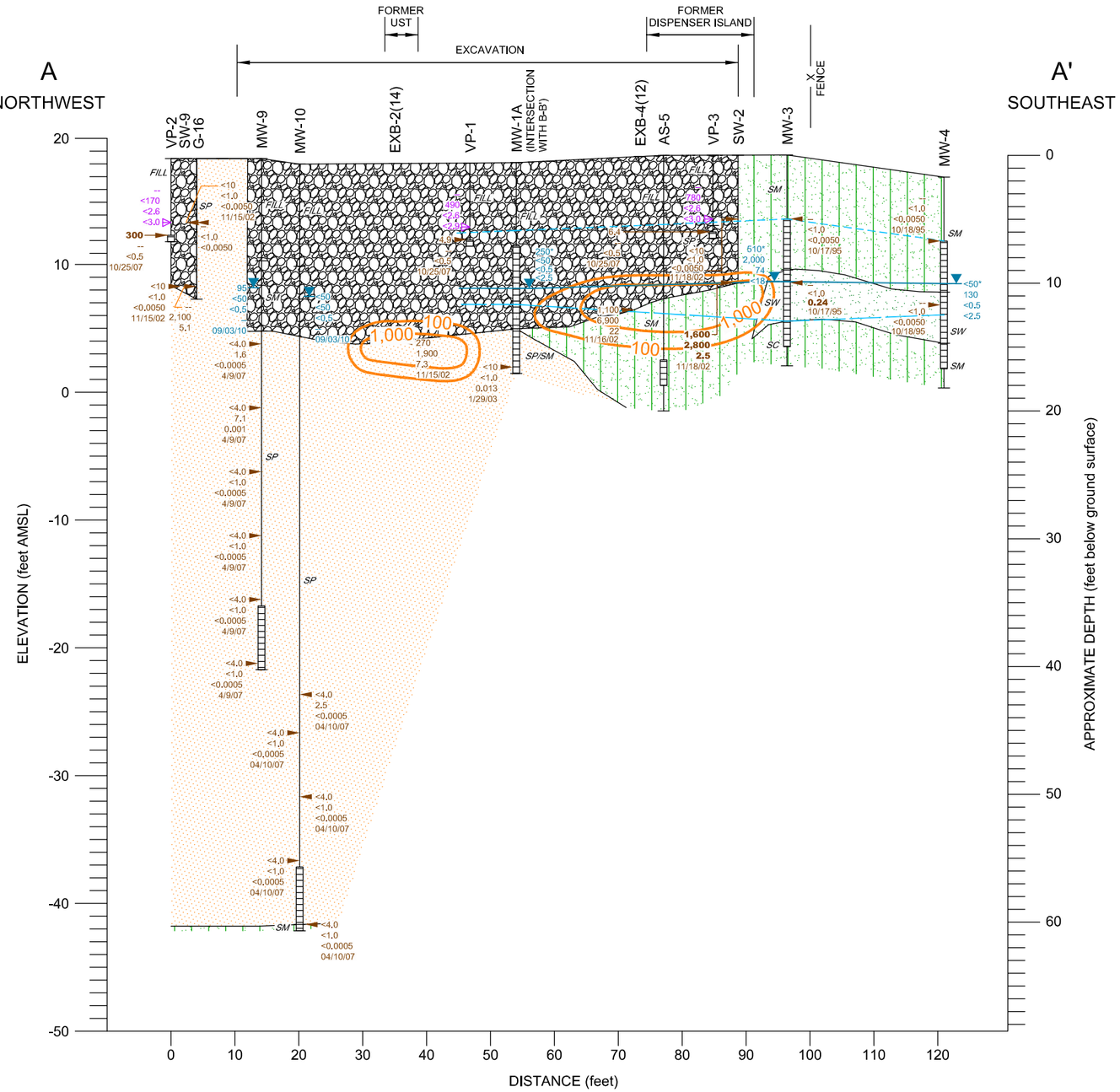


Figure 3

GEOLOGIC CROSS-SECTION A-A'
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM003 NOV 13/2012

LEGEND

MW-5 — WELL DESIGNATION

GROUND SURFACE

OBSERVATION WELL INSTALLATION

STRATIGRAPHIC BOUNDARY

SP — TYPICAL SOIL CLASSIFICATION

SCREENED INTERVAL

BOTTOM OF BORING

APPROXIMATE SOIL SAMPLE LOCATION

TPHd
TPHg
BENZENE
DATE
HYDROCARBON CONCENTRATIONS IN SOIL (mg/kg)

GROUNDWATER DEPTH (2/29/12 UNLESS OTHERWISE NOTED)

TPHd
TPHg
BENZENE
MTBE
HYDROCARBON CONCENTRATIONS IN GROUNDWATER (µg/L)

APPROXIMATE VAPOR SAMPLE LOCATION (5/16/12)

TPHd
TPHg
BENZENE
MTBE
HYDROCARBON CONCENTRATIONS IN VAPOR (µg/m³)

FILL

SM - SILTY SANDS, SAND-SILT MIXTURES
SC - CLAYEY SANDS, SAND-CLAY MIXTURES

SP/SM - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES AND SILTY SANDS, SAND-SILT MIXTURES
SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES

ML - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, CLAYEY SILTS WITH SLIGHT PLASTICITY

SW - WELL-GRADED SAND, GRAVELLY SANDS, LITTLE OR NO FINES

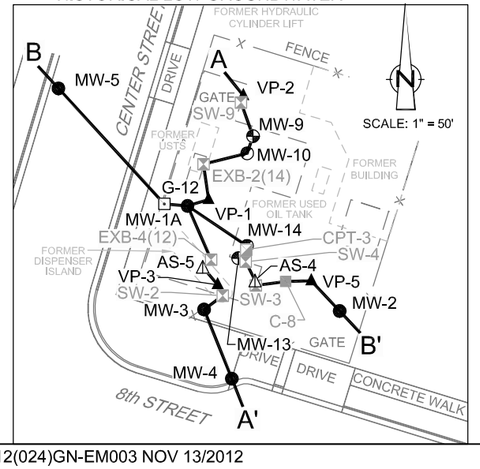
-- NOT ANALYZED

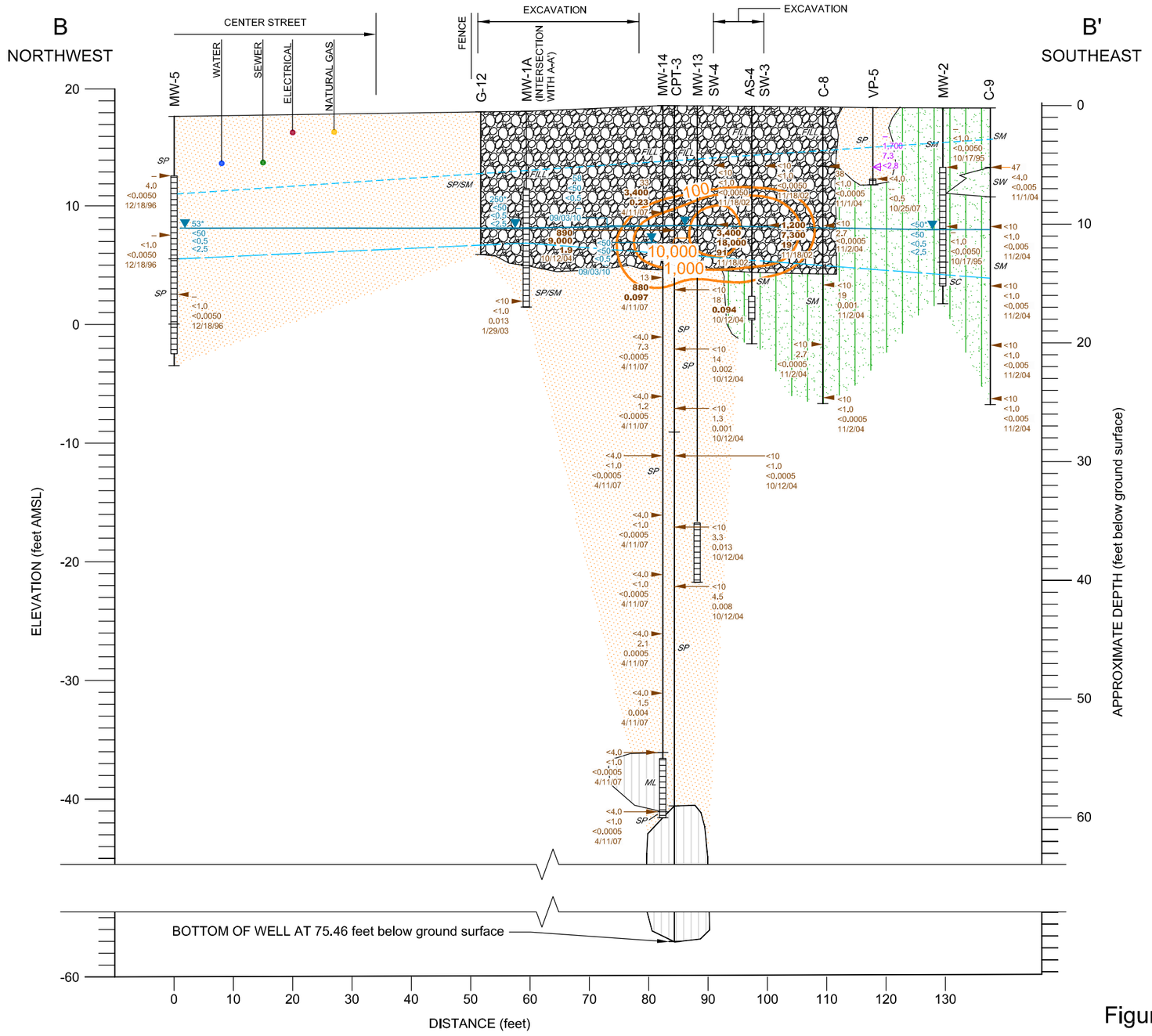
* THE REVERSE SURROGATE, CAPRIC ACID, WAS PRESENT AT <1%

10,000 — TOTAL PETROLEUM HYDROCARBON AS GASOLINE CONTOUR LINE IN SOIL, DASHED WHERE INFERRED
TOTAL PETROLEUM HYDROCARBON AS GASOLINE

HISTORICAL HIGH GROUNDWATER

HISTORICAL LOW GROUNDWATER





SCALE: HORZ. 1" = 20'
VERT. 1" = 10'

Figure 4

GEOLOGIC CROSS-SECTION B-B'
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

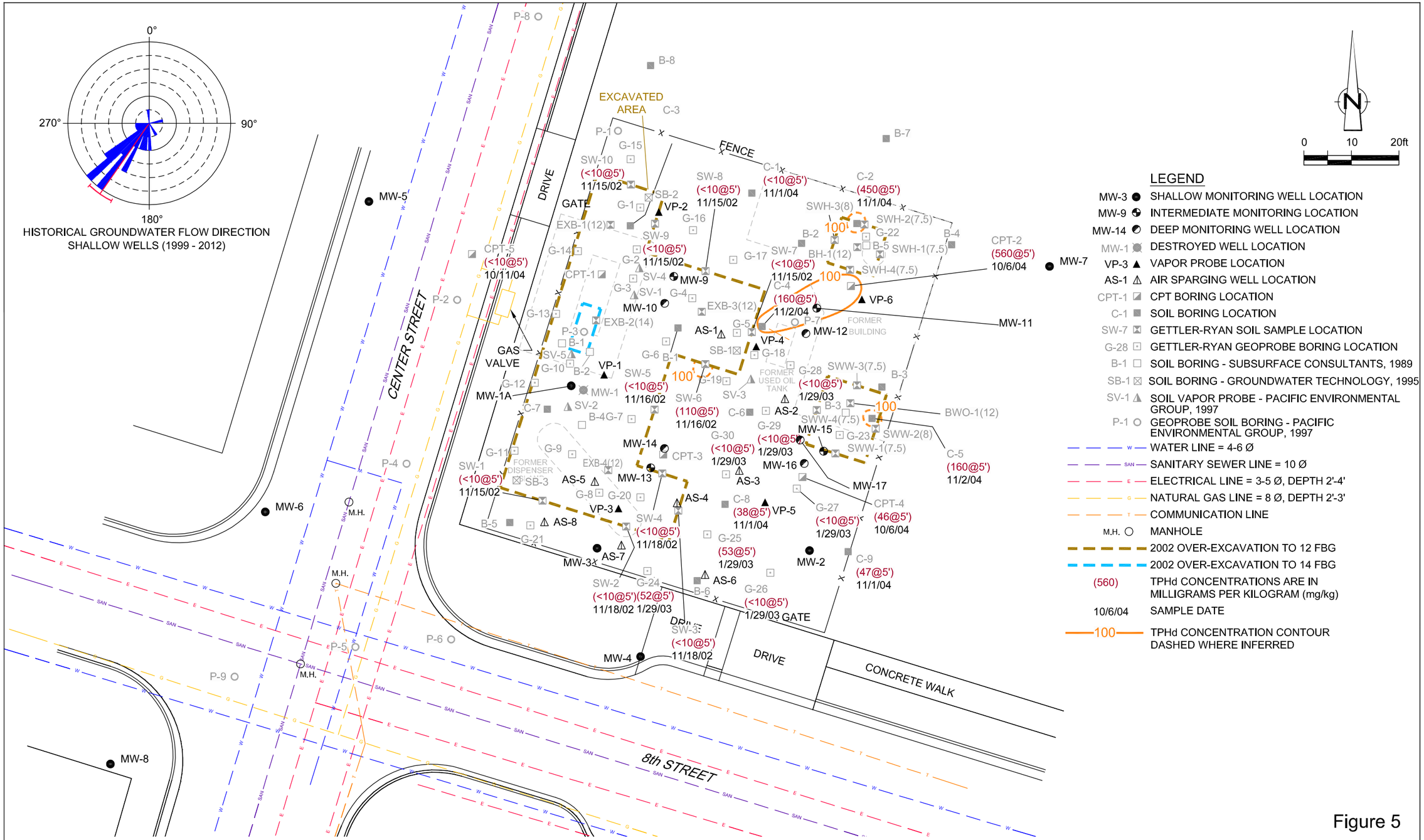


Figure 5

RESIDUAL TPHd CONCENTRATIONS IN SOIL - (0-5 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM006 OCT 26/2012

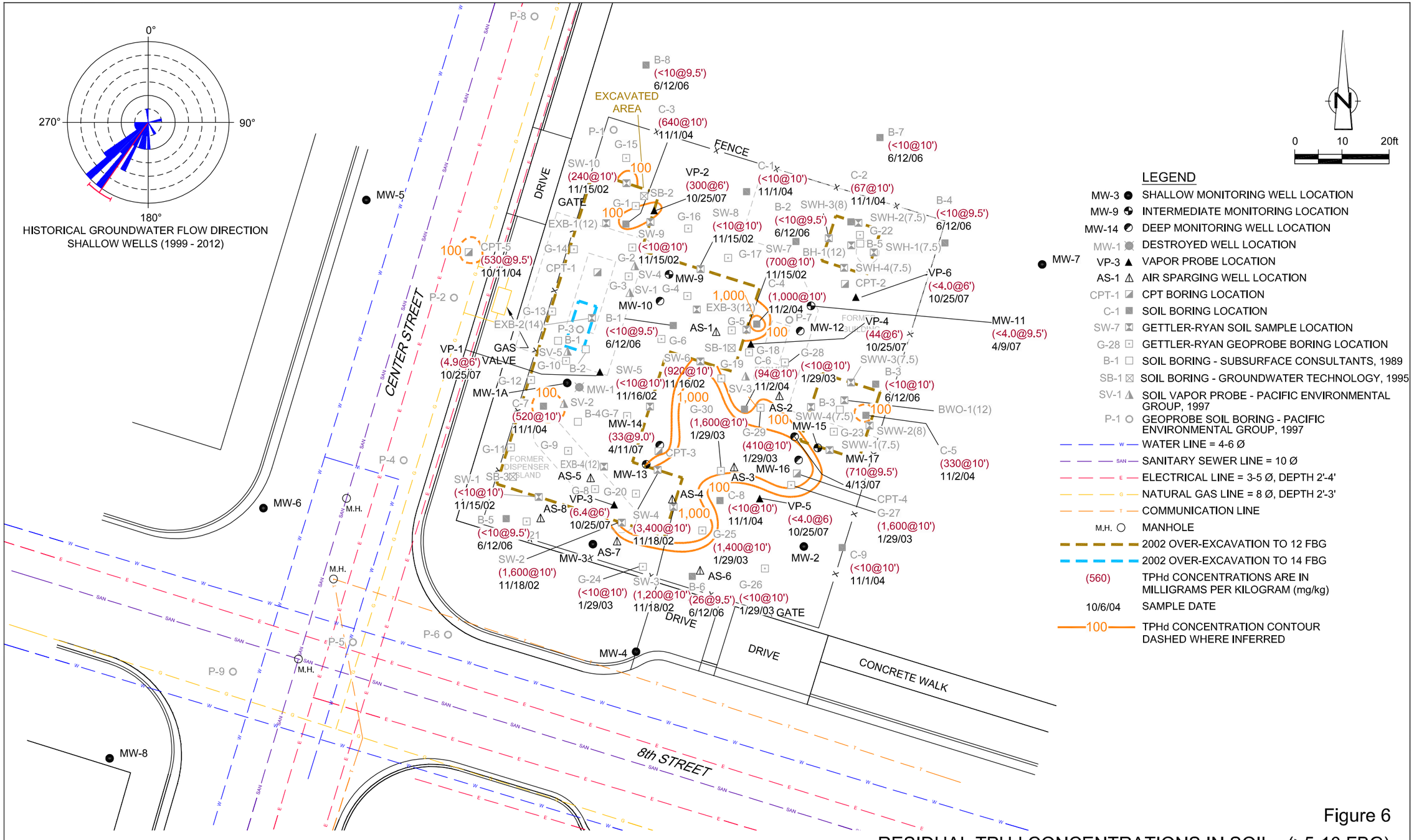


Figure 6

RESIDUAL TPHd CONCENTRATIONS IN SOIL - (>5-10 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM007 OCT 26/2012

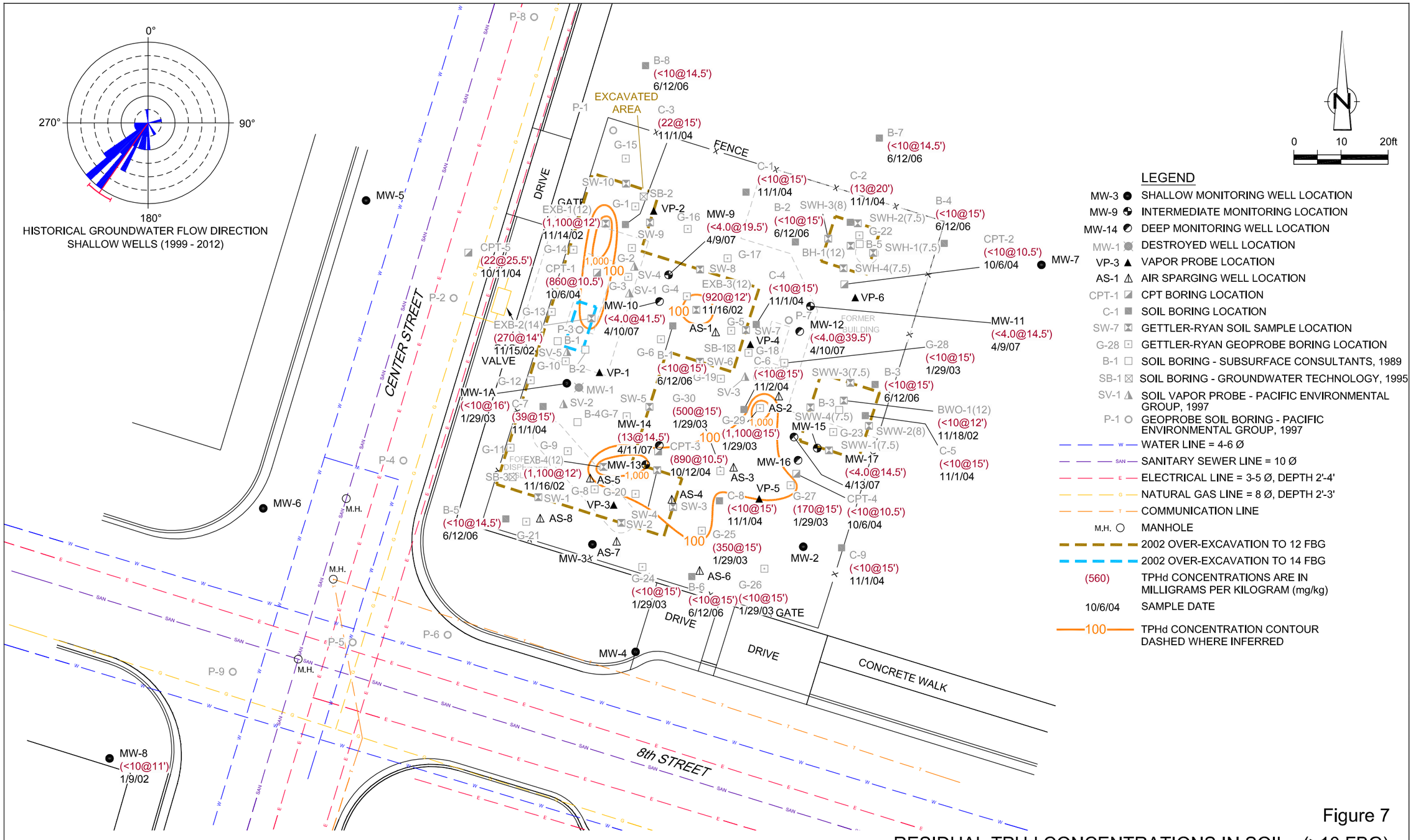


Figure 7

RESIDUAL TPHd CONCENTRATIONS IN SOIL - (>10 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM008 OCT 26/2012

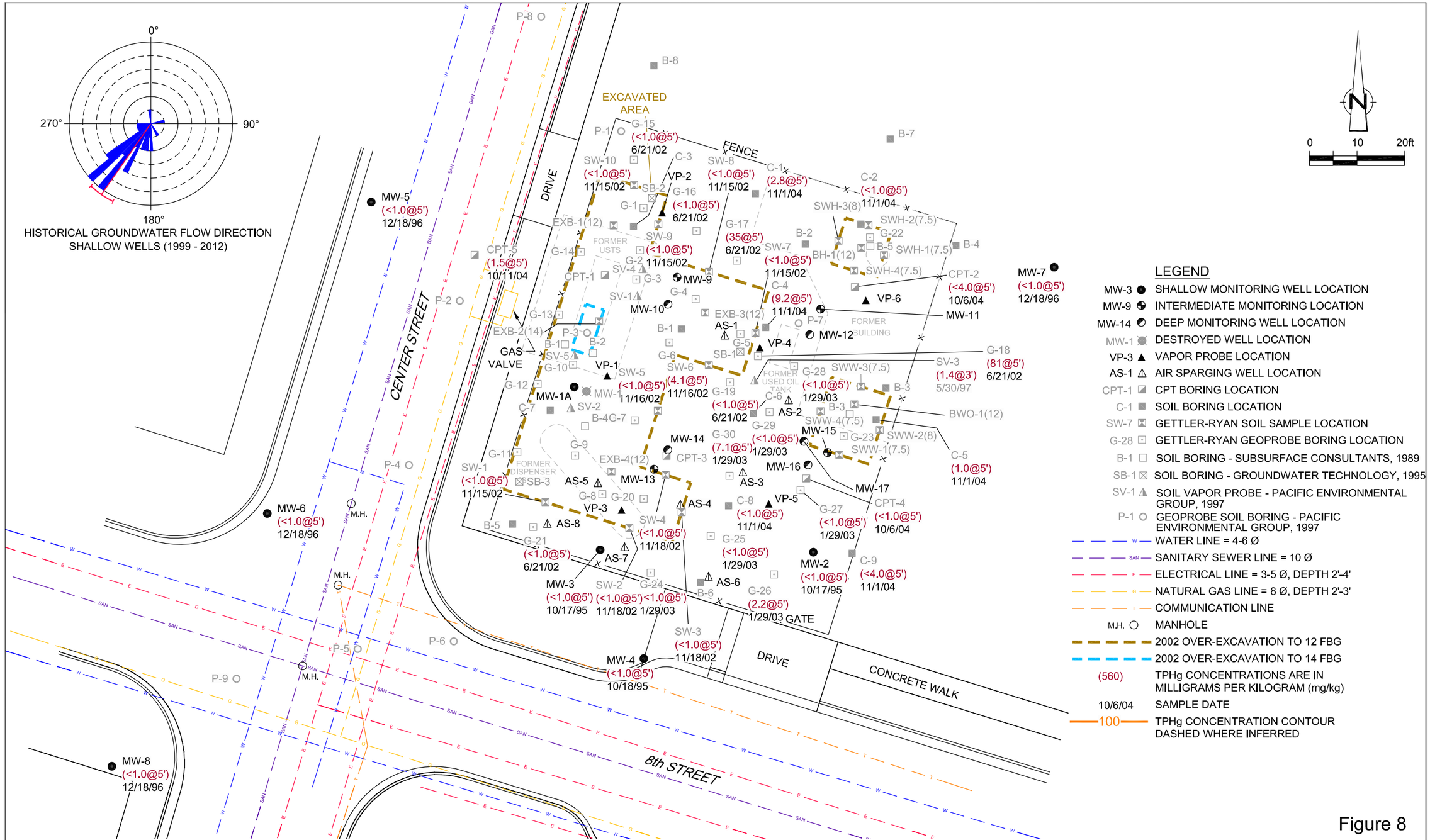


Figure 8

RESIDUAL TPHg CONCENTRATIONS IN SOIL - (0-5 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

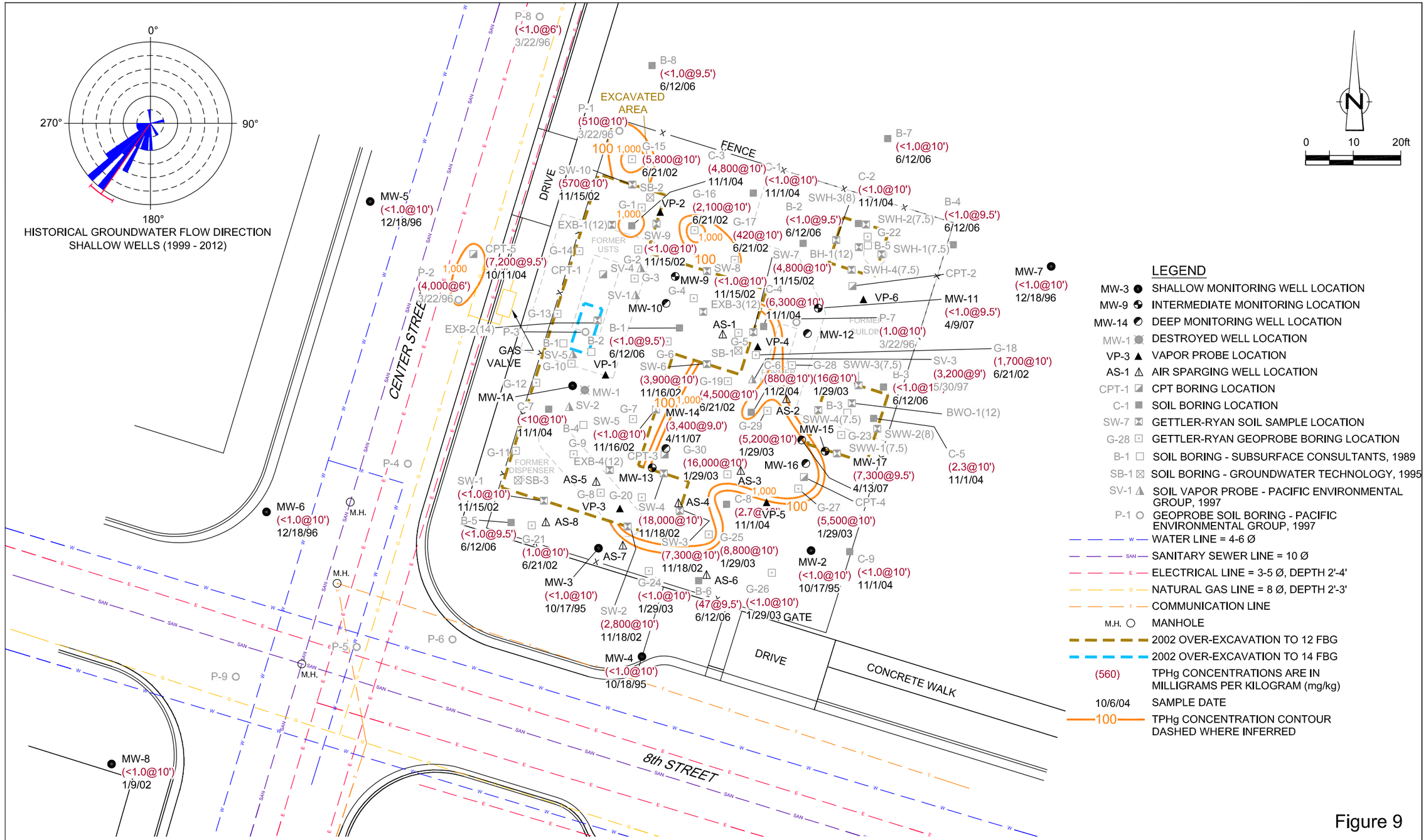


Figure 9

RESIDUAL TPHg CONCENTRATIONS IN SOIL - (>5-10 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM010 OCT 26/2012

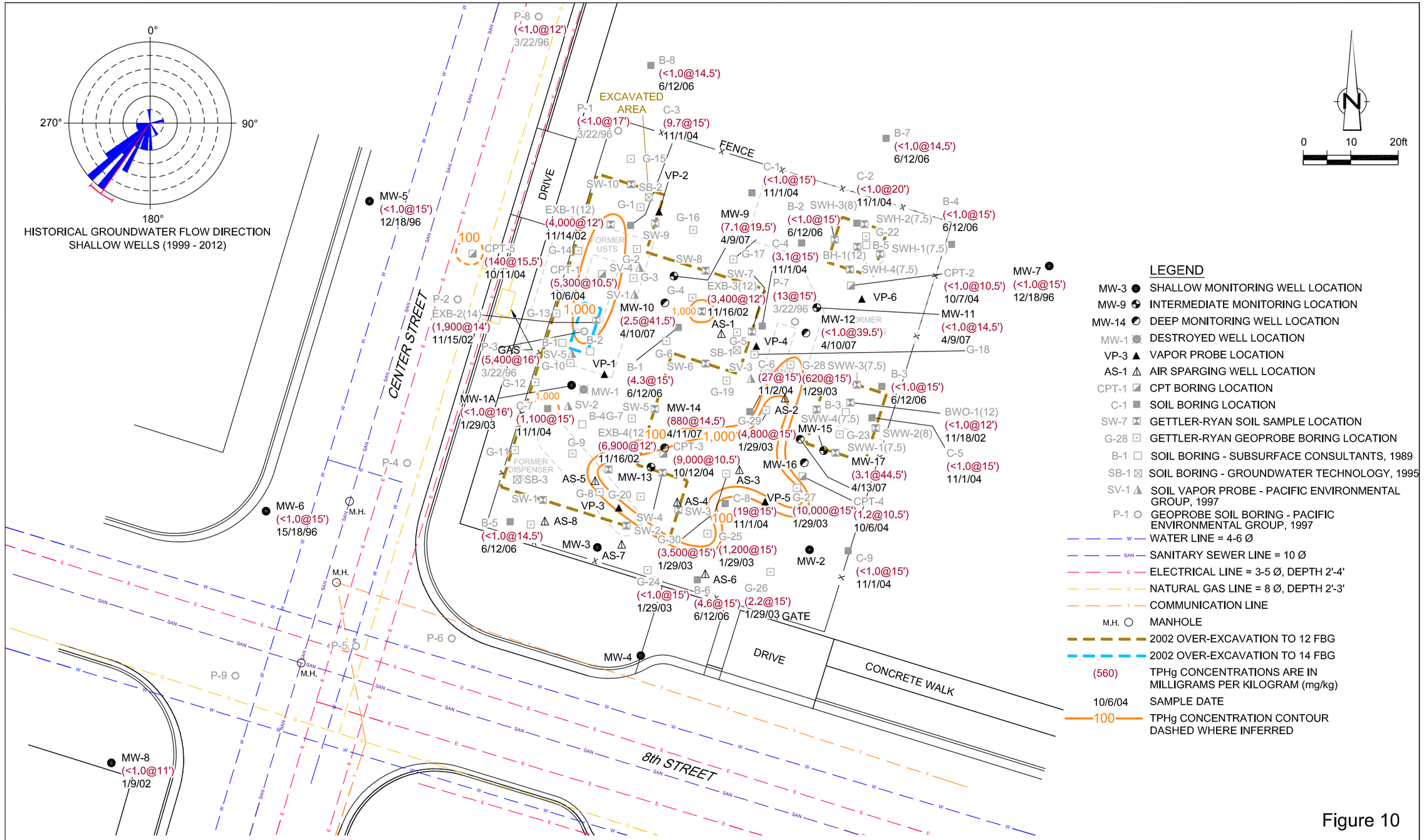


Figure 10

RESIDUAL TPHg CONCENTRATIONS IN SOIL - (>10 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM011 OCT 26/2012

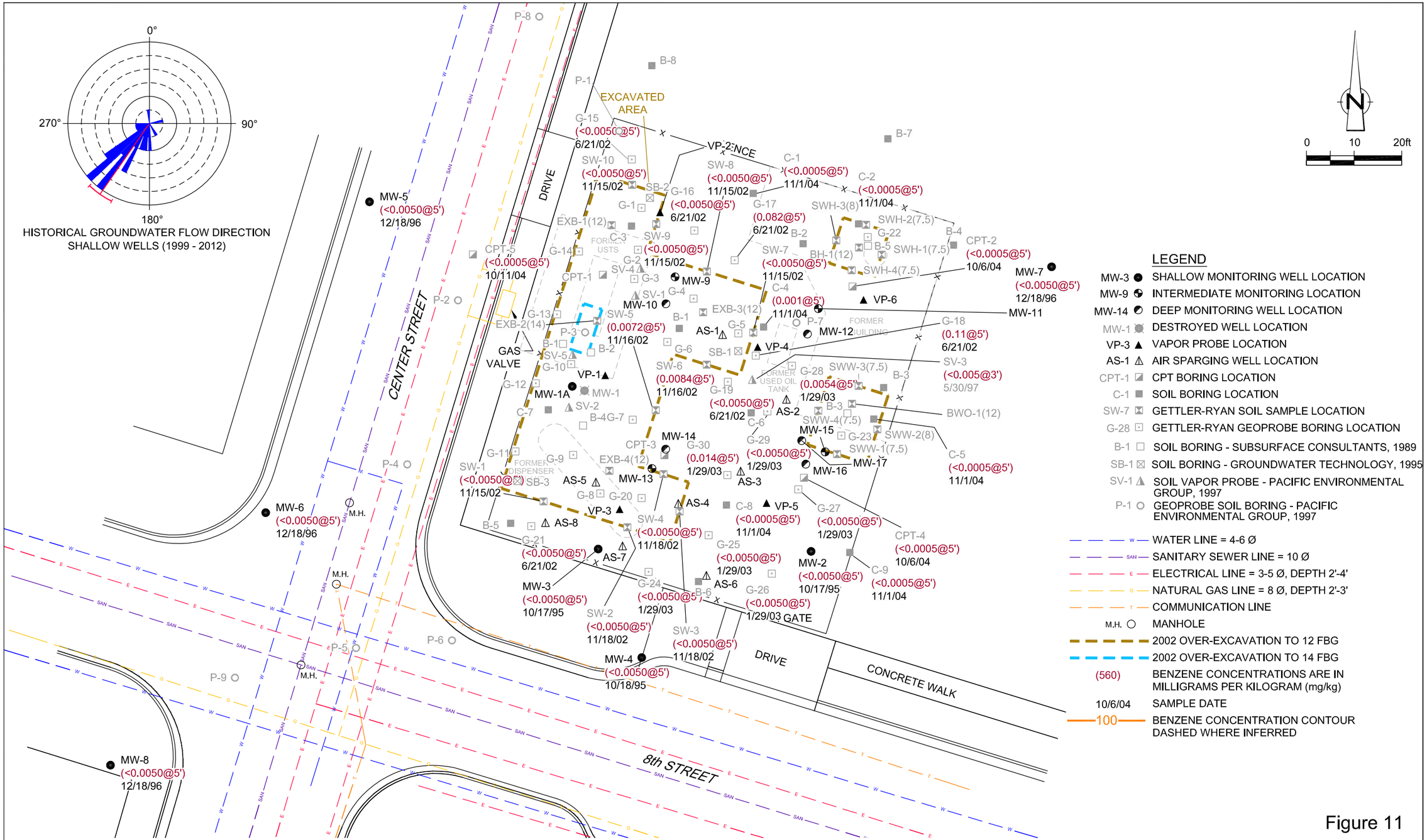


Figure 11

RESIDUAL BENZENE CONCENTRATIONS IN SOIL - (0-5 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM012 OCT 24/2012

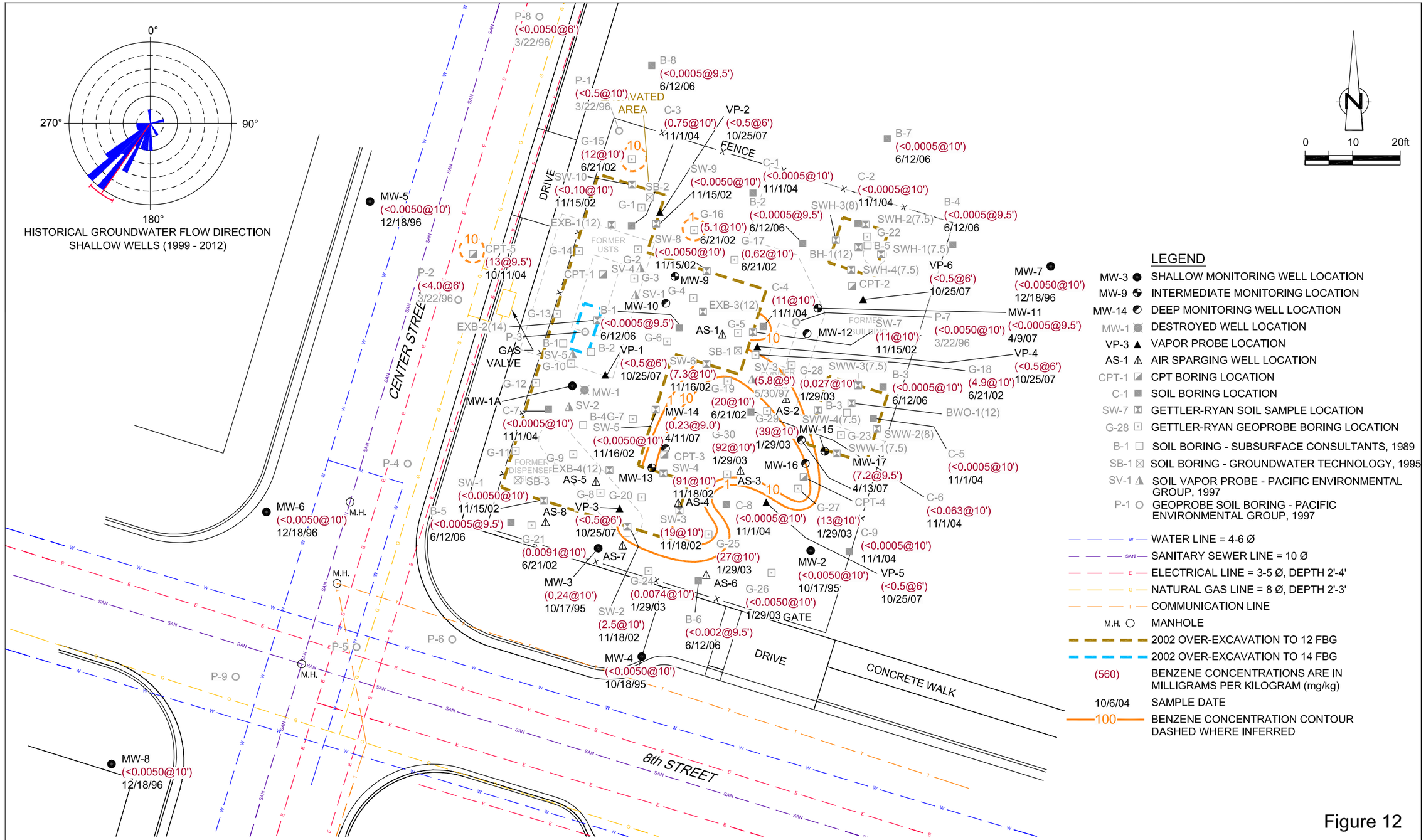
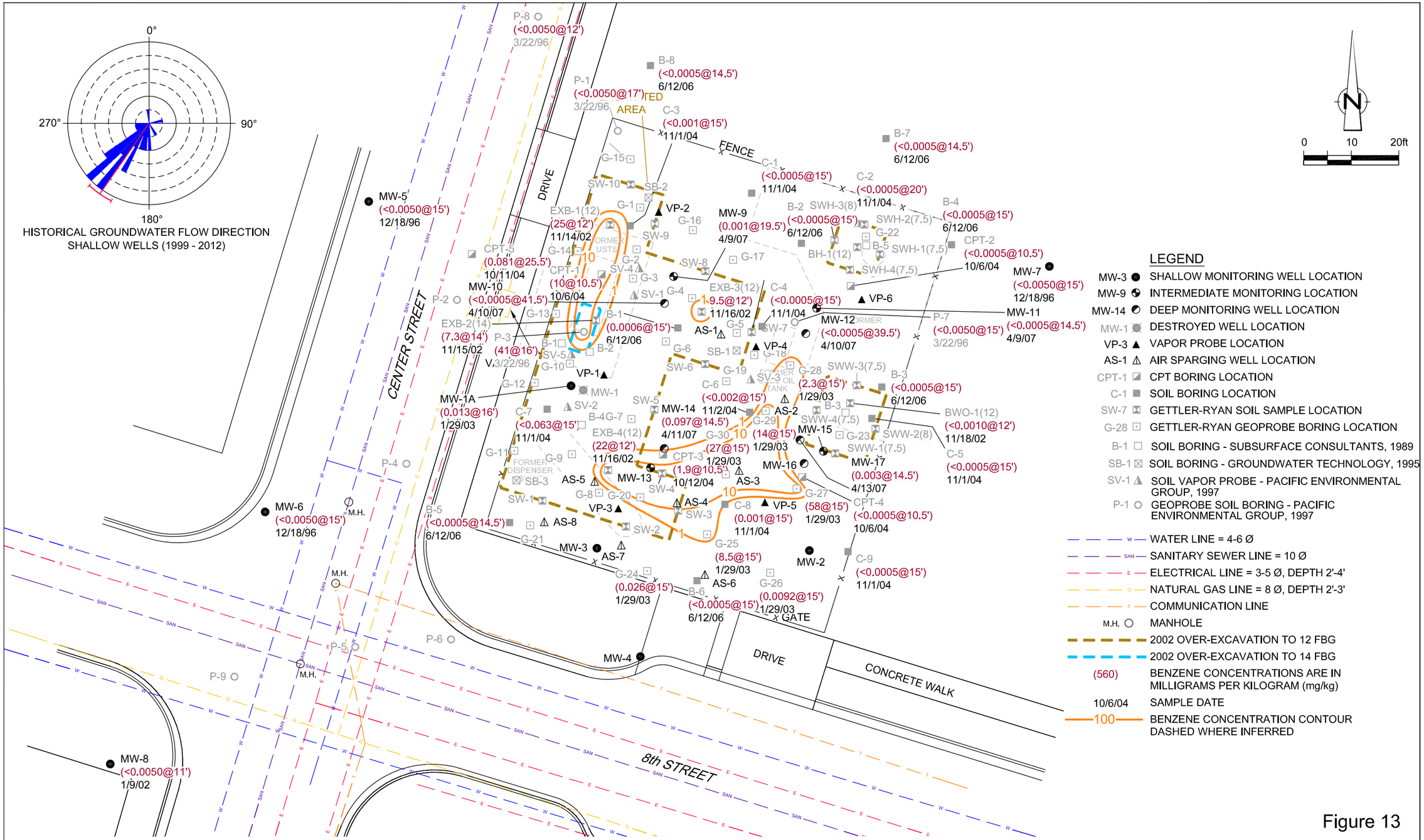


Figure 12

RESIDUAL BENZENE CONCENTRATIONS IN SOIL - (>5-10 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM013 OCT 26/2012



LEGEND

- MW-3 ● SHALLOW MONITORING WELL LOCATION
- MW-9 ◒ INTERMEDIATE MONITORING LOCATION
- MW-14 ◐ DEEP MONITORING WELL LOCATION
- MW-1 ⊗ DESTROYED WELL LOCATION
- VP-3 ▲ VAPOR PROBE LOCATION
- AS-1 ⚠ AIR SPARGING WELL LOCATION
- CPT-1 ◪ CPT BORING LOCATION
- C-1 ■ SOIL BORING LOCATION
- SW-7 ⊠ GETTLER-RYAN SOIL SAMPLE LOCATION
- G-28 ⊡ GETTLER-RYAN GEOPROBE BORING LOCATION
- B-1 □ SOIL BORING - SUBSURFACE CONSULTANTS, 1989
- SB-1 ⊠ SOIL BORING - GROUNDWATER TECHNOLOGY, 1995
- SV-1 ◮ SOIL VAPOR PROBE - PACIFIC ENVIRONMENTAL GROUP, 1997
- P-1 ○ GEOPROBE SOIL BORING - PACIFIC ENVIRONMENTAL GROUP, 1997
- W WATER LINE = 4-6 Ø
- SAN SANITARY SEWER LINE = 10 Ø
- E ELECTRICAL LINE = 3-5 Ø, DEPTH 2'-4'
- G NATURAL GAS LINE = 8 Ø, DEPTH 2'-3'
- T COMMUNICATION LINE
- M.H. ○ MANHOLE
- 2002 OVER-EXCAVATION TO 12 FBG
- 2002 OVER-EXCAVATION TO 14 FBG
- (560) BENZENE CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 10/6/04 SAMPLE DATE
- 100 BENZENE CONCENTRATION CONTOUR DASHED WHERE INFERRED

Figure 13

RESIDUAL BENZENE CONCENTRATIONS IN SOIL - (>10 FBG)
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

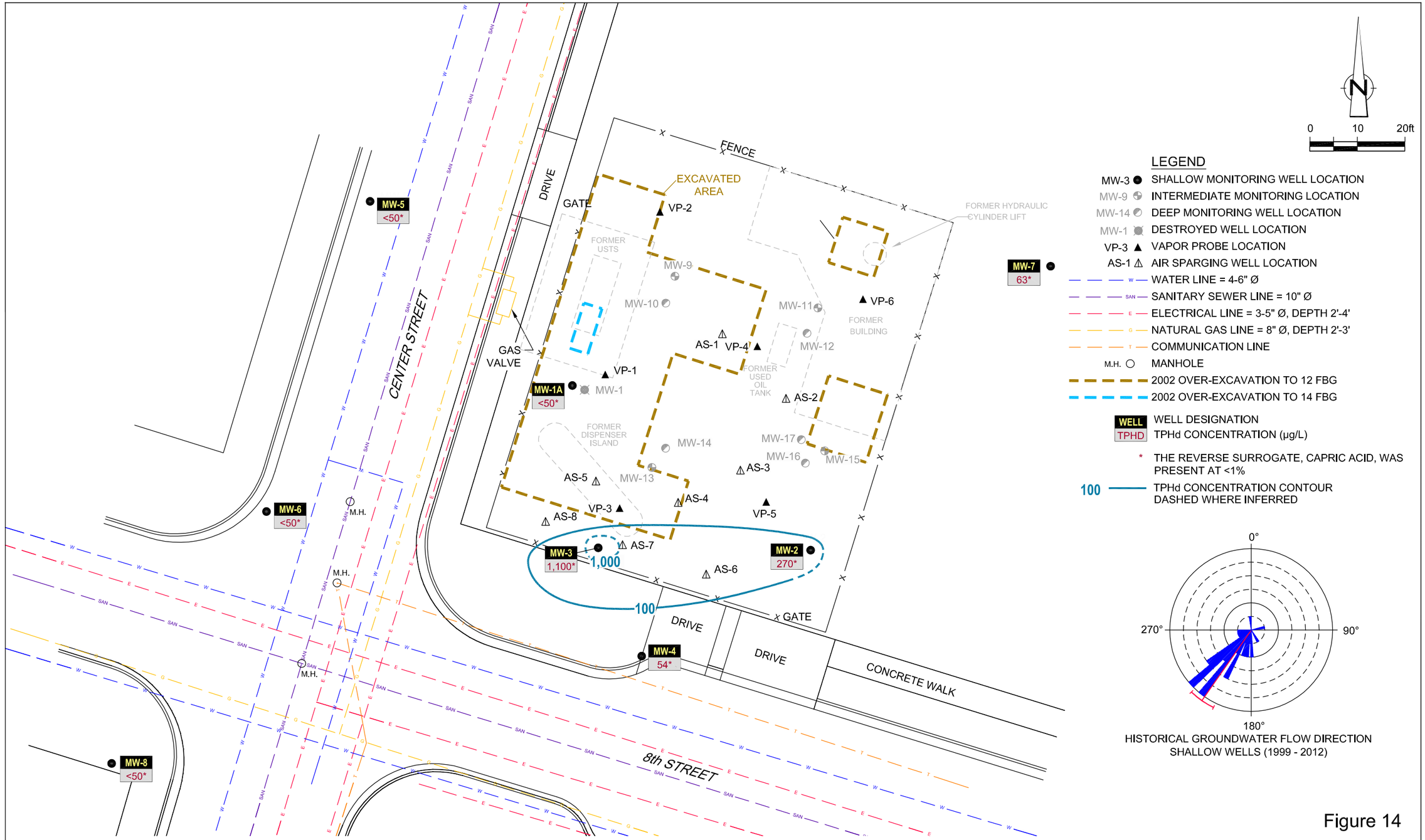


Figure 14

TPHd ISOCONCENTRATIONS IN SHALLOW GROUNDWATER - AUGUST 7, 2012
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM015 NOV 13/2012

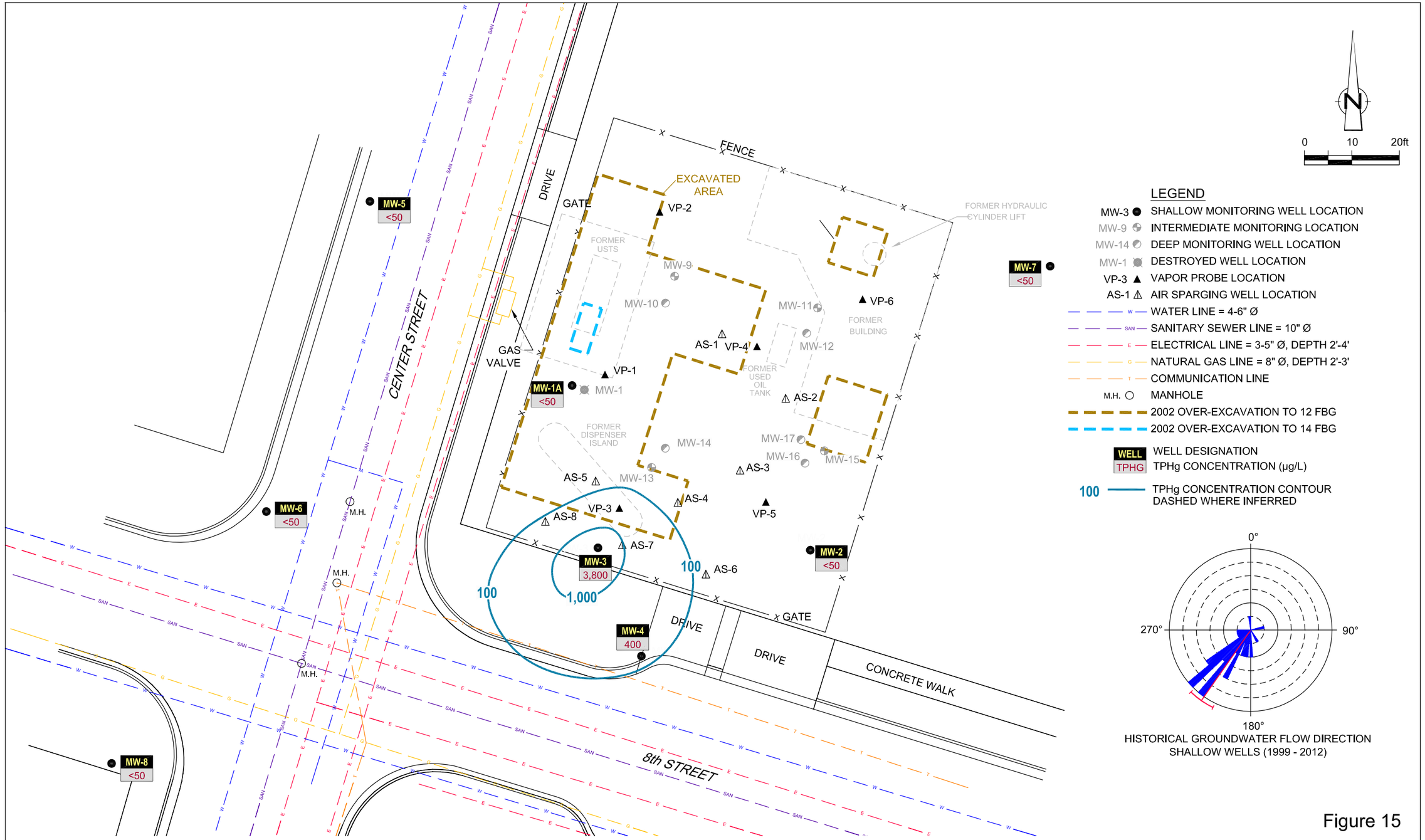


Figure 15

TPHg ISOCONCENTRATIONS IN SHALLOW GROUNDWATER - AUGUST 7, 2012
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM016 NOV 13/2012

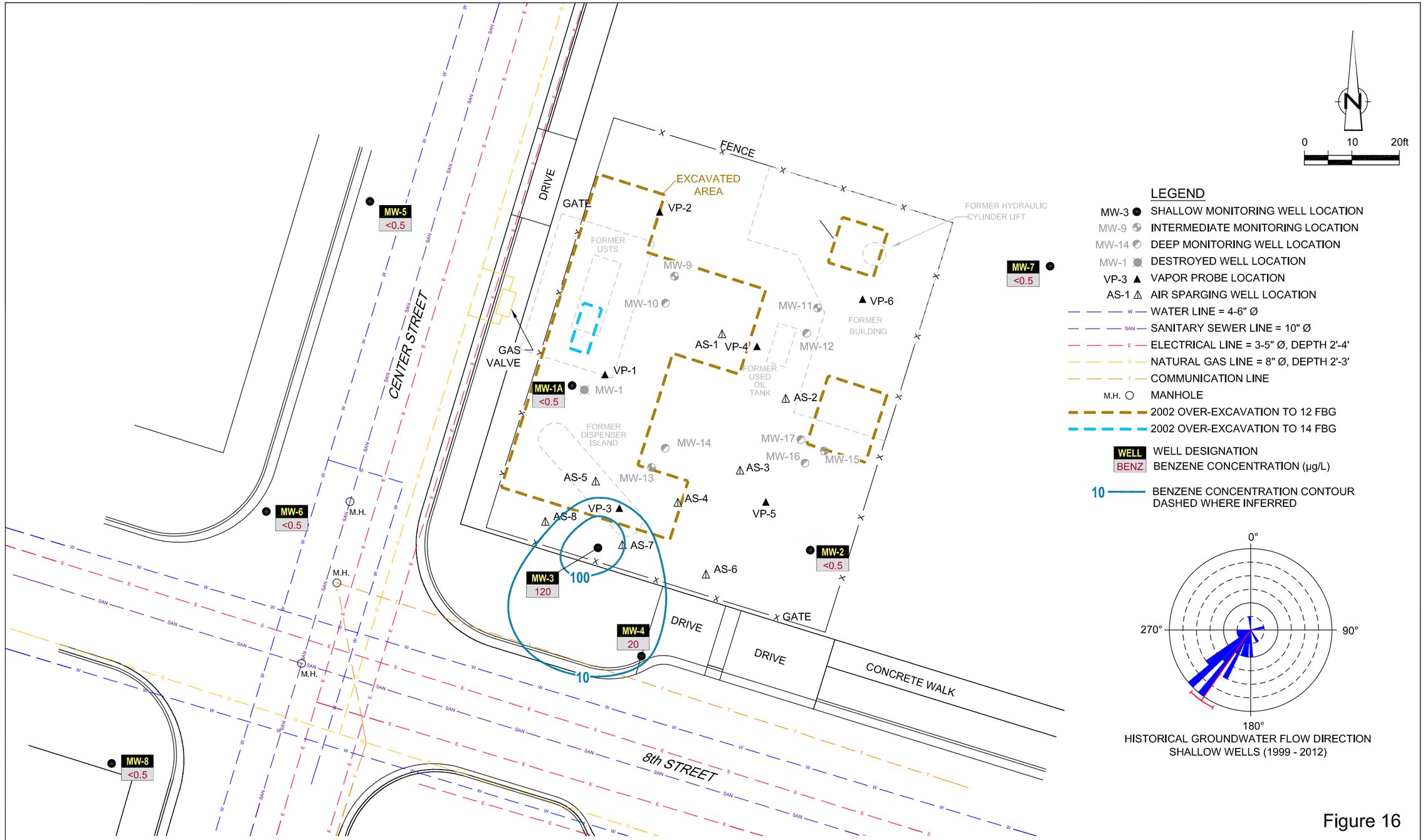


Figure 16

BENZENE ISOCONCENTRATIONS IN SHALLOW GROUNDWATER - AUGUST 7, 2012
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM017 NOV 13/2012

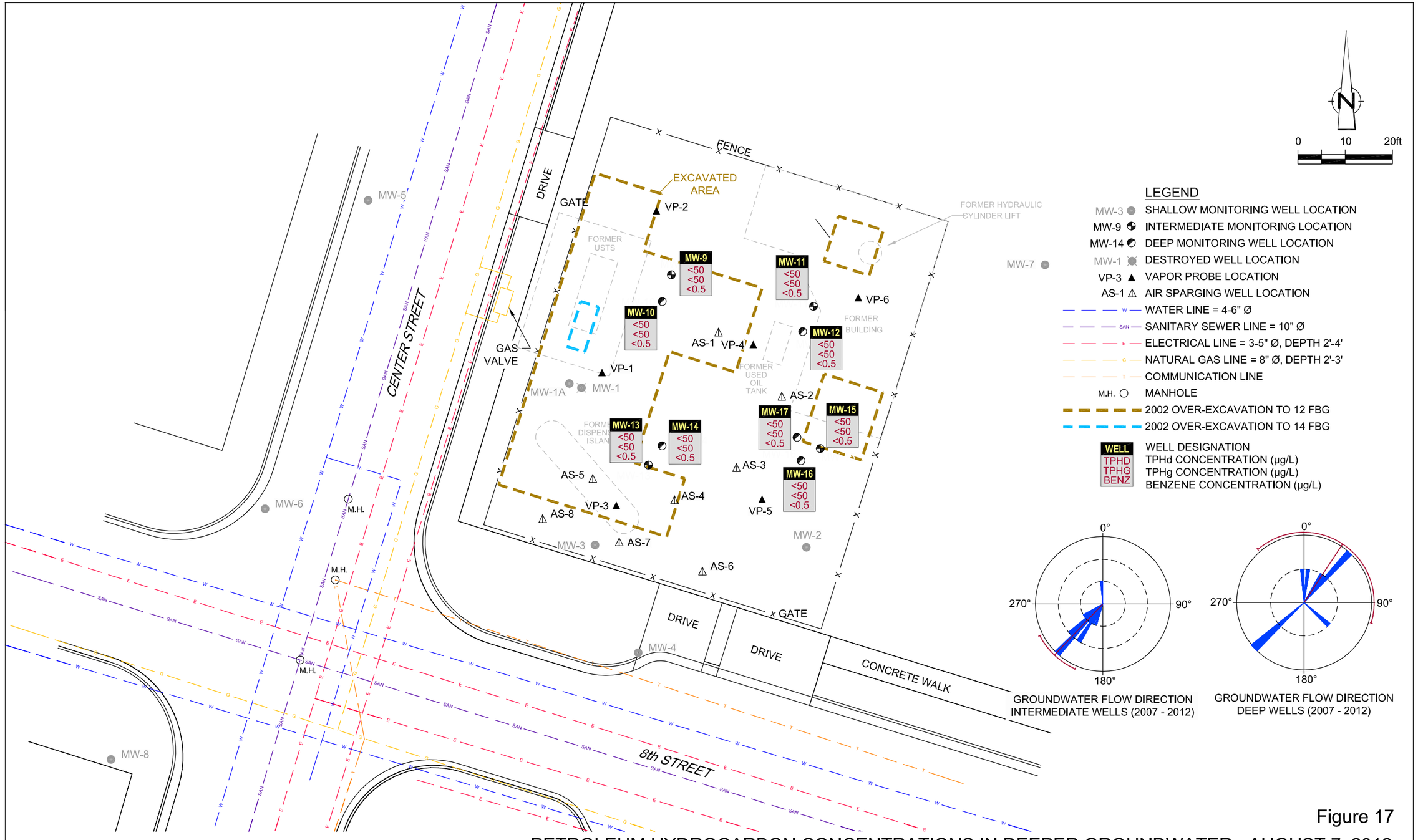


Figure 17

PETROLEUM HYDROCARBON CONCENTRATIONS IN DEEPER GROUNDWATER - AUGUST 7, 2012
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

312002-2012(024)GN-EM018 OCT 22/2012

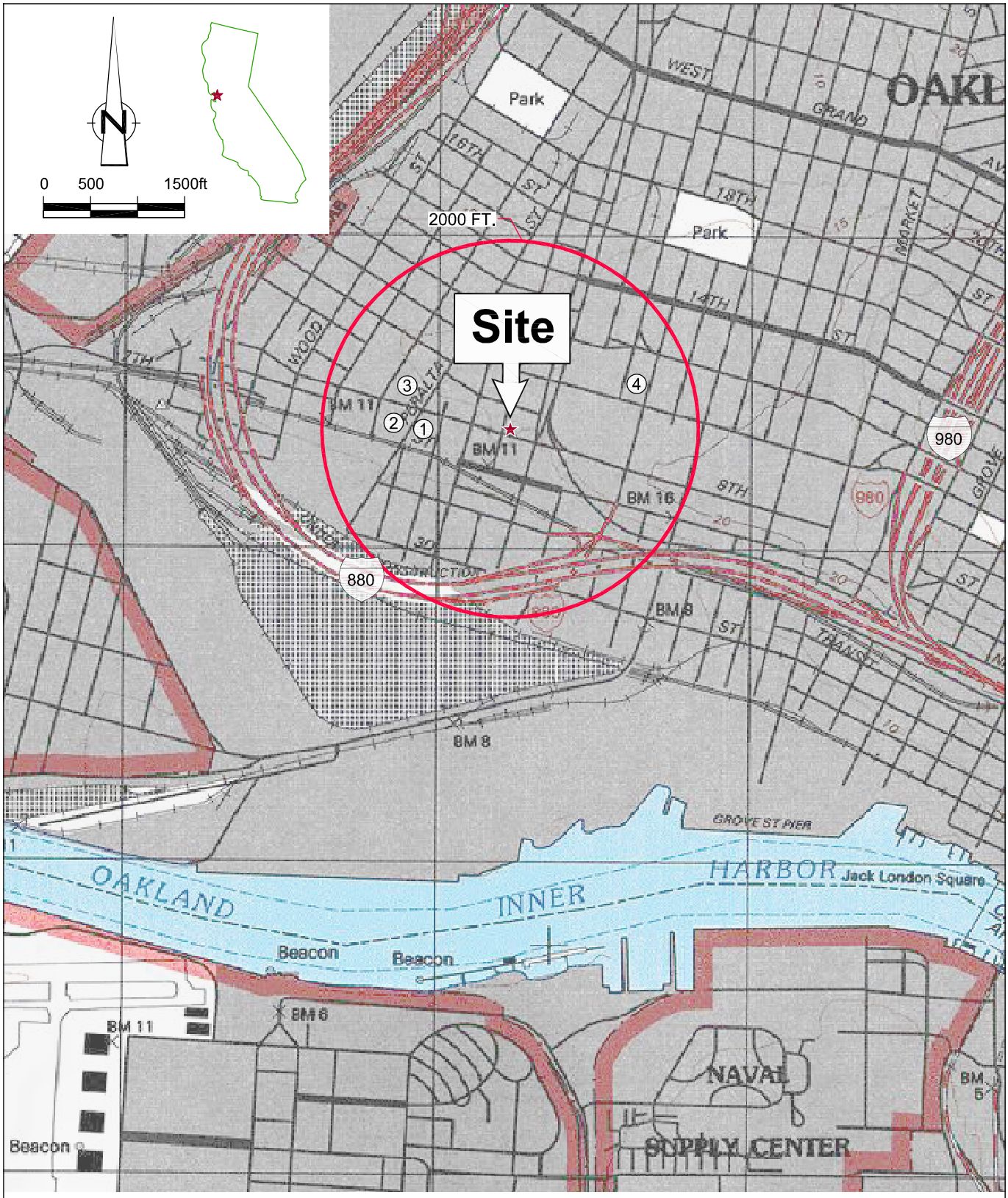


Figure 18

SENSITIVE RECEPTOR MAP
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
Oakland, California

TABLES

TABLE 1

WELL CONSTRUCTION SPECIFICATIONS
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Well ID	*Date Installed*	*Status*	*Groundwater Zone*	*Top of Casing (TOC) (ft-msl)*	*Casing Diameter (inches)*	*Total Depth (fbg)*	*Top of Screen Interval (fbg)*	*Bottom Screen of Interval (fbg)*	*Length of Screen (ft)*
MW-1A	01/29/03	Active	Shallow	18.11	2	16.5	6.5	16.5	10
MW-2	10/17/95	Active	Shallow	18.40	2	16.5	5	15	10
MW-3	10/17/95	Active	Shallow	18.07	2	16.5	5	15	10
MW-4	10/18/95	Active	Shallow	16.98	2	16.5	5	15	10
MW-5	12/18/96	Active	Shallow	17.68	2	20	5	20	15
MW-6	12/18/96	Active	Shallow	17.33	2	20	5	20	15
MW-7	12/18/96	Active	Shallow	19.26	2	20	5	20	15
MW-8	12/18/96	Active	Shallow	17.79	2	21.5	Unknown	Unknown	Unknown
MW-9	04/09/07	Active	Intermediate	18.42	2	40	35	40	5
MW-10	04/10/07	Active	Deep	17.99	2	60	55	60	5
MW-11	04/09/07	Active	Intermediate	18.68	2	40	35	40	5
MW-12	04/10/07	Active	Deep	18.46	2	60	55	60	5
MW-13	04/11/07	Active	Intermediate	18.43	2	40	35	40	5
MW-14	04/11/07	Active	Deep	18.59	2	60	55	60	5
MW-15	04/12/07	Active	Intermediate	18.38	2	40	35	40	5
MW-16	04/12/07	Active	Deep	18.57	2	60	55	60	5
MW-17	04/13/07	Active	Deep	18.55	2	75	70	75	5
AS-1	02/09/10	Not Sampled	NA	18.67	2	20	16	18	2
AS-2	02/09/10	Not Sampled	NA	19.04	2	20	16	18	2
AS-3	02/09/10	Not Sampled	NA	18.97	2	20	16	18	2
AS-4	02/09/10	Not Sampled	NA	18.83	2	20	16	18	2
AS-5	02/10/10	Not Sampled	NA	18.68	2	20	16	18	2
AS-6	02/10/10	Not Sampled	NA	18.8	2	20	16	18	2
AS-7	02/10/10	Not Sampled	NA	18.85	2	20	16	18	2
AS-8	02/10/10	Not Sampled	NA	18.81	2	20	16	18	2

Notes:
fbg = feet below grade
ft = feet
NA= not applicable
AS well TOC is actually the well bos elevation
Unknown = boring log unavailable

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
			Milligrams Per Kilogram (mg/kg)																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
~~B 1~~	~~8/18/1989~~	~~10~~	~~<100~~	~~---~~	~~50~~	~~220~~	~~46~~	~~240~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~2,100~~	~~6,800~~
~~B 1~~	~~8/18/1989~~	~~15~~	~~---~~	~~---~~	~~32~~	~~200~~	~~60~~	~~290~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~2,400~~	~~---~~
~~B 2~~	~~8/18/1989~~	~~7~~	~~<100~~	~~---~~	~~50~~	~~450~~	~~130~~	~~540~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~4,100~~	~~14,000~~
~~B 2~~	~~8/18/1989~~	~~11.5~~	~~---~~	~~---~~	~~500~~	~~2,800~~	~~760~~	~~3,700~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~31,000~~	~~---~~
~~B 3~~	~~8/18/1989~~	~~3.5~~	~~<10~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~<50~~	~~---~~	~~---~~	~~**~~	~~---~~	~~---~~
~~B 3~~	~~8/18/1989~~	~~10.5~~	~~<10~~	~~---~~	~~ND~~	~~2~~	~~2~~	~~7~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~100~~	~~ND~~
~~B 3~~	~~8/18/1989~~	~~12.5~~	~~<10~~	~~---~~	~~ND~~	~~44~~	~~32~~	~~130~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~950~~	~~220~~
~~B 4~~	~~8/18/1989~~	~~7.35~~	~~<100~~	~~---~~	~~57~~	~~250~~	~~140~~	~~610~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~5,400~~	~~5,100~~
~~B 4~~	~~8/18/1989~~	~~10.5~~	~~---~~	~~---~~	~~92~~	~~360~~	~~1,100~~	~~670~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~5,800~~	~~---~~
~~B 5~~	~~8/18/1989~~	~~3.5~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~16,000~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~
~~MW-1~~	~~10/17/1995~~	~~5~~	~~--~~	~~11~~	~~0.091~~	~~0.49~~	~~0.14~~	~~1.9~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~MW-1~~	~~10/17/1995~~	~~10~~	~~--~~	~~14,000~~	~~120~~	~~800~~	~~270~~	~~1,300~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
MW-2	10/17/1995	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-2	10/17/1995	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-3	10/17/1995	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-3	10/17/1995	10	---	<1.0	**0.24**	0.010	0.016	0.019	--	--	--	--	--	--	--	--	--	---	---
MW-4	10/18/1995	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-4	10/18/1995	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
~~SB-1~~	~~10/17/1995~~	~~5~~	~~--~~	~~87~~	~~0.34~~	~~1.2~~	~~1.2~~	~~1.3~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SB-1~~	~~10/17/1995~~	~~10~~	~~--~~	~~8,100~~	~~72~~	~~640~~	~~240~~	~~1,100~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SB-2~~	~~10/17/1995~~	~~5~~	~~--~~	~~240~~	~~0.19~~	~~4.8~~	~~5.1~~	~~26~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SB-2~~	~~10/17/1995~~	~~10~~	~~--~~	~~4,700~~	~~28~~	~~440~~	~~150~~	~~630~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
			Milligrams Per Kilogram (mg/kg)																
	ESLs																		
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
~~SB-3~~	~~10/18/1995~~	~~5~~	~~—~~	~~<1.0~~	~~<0.0050~~	~~0.019~~	~~0.0087~~	~~0.049~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SB-3~~	~~10/18/1995~~	~~10~~	~~—~~	~~<1.0~~	~~<0.0050~~	~~<0.0050~~	~~<0.0050~~	~~<0.0050~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
P-1	3/22/1996	6	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--
P-1	3/22/1996	10	--	**510**	<0.5	**18**	**9.7**	**46**	<2.5	--	--	--	--	--	--	--	--	--	--
P-1	3/22/1996	17	--	<1.0	<0.0050	<0.0050	0.0080	0.0090	<0.025	--	--	--	--	--	--	--	--	--	--
P-2	3/22/1996	6	--	**4,000**	<4.0	**120**	**71**	**330**	<20	--	--	--	--	--	--	--	--	--	--
~~P-3~~	~~3/22/1996~~	~~10~~	~~—~~	~~13,000~~	~~38~~	~~780~~	~~280~~	~~1,400~~	~~<50~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
P-3	3/22/1996	16	--	**5,400**	**41**	**310**	**110**	**1,400**	<20	--	--	--	--	--	--	--	--	--	--
P-3	3/22/1996	20	--	260	**3.7**	**21**	**6.2**	**27**	<0.62	--	--	--	--	--	--	--	--	--	--
P-7	3/22/1996	6	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--
P-7	3/22/1996	10	--	1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--
P-7	3/22/1996	15	--	13	<0.0050	0.31	0.15	0.71	<0.025	--	--	--	--	--	--	--	--	--	--
P-8	3/22/1996	6	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--
P-8	3/22/1996	12	--	<1.0	<0.0050	0.0068	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--
MW-5	12/18/1996	5	---	<1.0	<0.0050	0.016	0.0083	0.046	--	--	--	--	--	--	--	--	--	---	---
MW-5	12/18/1996	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-5	12/18/1996	15	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-6	12/18/1996	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-6	12/18/1996	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-6	12/18/1996	15	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-7	12/18/1996	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-7	12/18/1996	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
MW-7	12/18/1996	15	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
Boring MW-8	12/18/1996	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
Boring MW-8	12/18/1996	10	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
Boring MW-8	12/18/1996	15	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--	--	---	---
~~SV-1~~	~~5/30/1997~~	~~3~~	~~--~~	~~<1.0~~	~~<0.0050~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-1~~	~~5/30/1997~~	~~6~~	~~--~~	~~2,100~~	~~<2.5~~	~~46~~	~~57~~	~~300~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-1~~	~~5/30/1997~~	~~8.5~~	~~--~~	~~7,600~~	~~52~~	~~360~~	~~140~~	~~720~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-2~~	~~5/30/1997~~	~~3.5~~	~~--~~	~~<1.0~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-2~~	~~5/30/1997~~	~~6~~	~~--~~	~~11~~	~~<0.005~~	~~0.009~~	~~0.01~~	~~0.057~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-2~~	~~5/30/1997~~	~~9~~	~~--~~	~~8,000~~	~~12~~	~~420~~	~~150~~	~~710~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
SV-3	5/30/1997	3	--	1.4	<0.005	0.029	0.014	0.1	--	--	--	--	--	--	--	--	--	--	--
SV-3	5/30/1997	6	--	**84**	**0.13**	0.28	1.4	1.9	--	--	--	--	--	--	--	--	--	--	--
SV-3	5/30/1997	9	--	**3,200**	**5.8**	**130**	**83**	**340**	--	--	--	--	--	--	--	--	--	--	--
~~SV-4~~	~~5/30/1997~~	~~3~~	~~--~~	~~<1.0~~	~~<0.005~~	~~0.0058~~	~~<0.005~~	~~0.01~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-4~~	~~5/30/1997~~	~~6~~	~~--~~	~~1.3~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.05~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-4~~	~~5/30/1997~~	~~9~~	~~--~~	~~10,000~~	~~86~~	~~470~~	~~210~~	~~960~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-5~~	~~5/30/1997~~	~~3~~	~~--~~	~~<1.0~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-5~~	~~5/30/1997~~	~~6~~	~~--~~	~~<1.0~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SV-5~~	~~5/30/1997~~	~~9~~	~~--~~	~~79,000~~	~~20~~	~~410~~	~~130~~	~~690~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~A-1~~	~~4/12/2001~~	~~8.5~~	~~--~~	~~630~~	~~10~~	~~4.4~~	~~15~~	~~48~~	~~<5.0~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~A-2~~	~~4/12/2001~~	~~8.5~~	~~--~~	~~32~~	~~0.11~~	~~0.04~~	~~0.37~~	~~0.98~~	~~0.38~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~WOT~~	~~4/12/2001~~	~~8~~	~~3.2~~	~~10~~	~~0.0092~~	~~0.04~~	~~0.058~~	~~0.24~~	~~0.058~~	~~--~~	~~--~~	~~--~~	~~--~~	~~110~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
MW-8	1/9/2002	11	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	---	---
MW-8	1/9/2002	15	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	---	---
MW-8	1/9/2002	20	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
~~G-1~~	~~6/21/2002~~	~~5~~	~~—~~	~~3,000~~	~~0.95~~	~~46~~	~~52~~	~~240~~	--	--	--	--	--	--	--	--	--	---	---
~~G-1~~	~~6/21/2002~~	~~10~~	~~—~~	~~12,000~~	~~31~~	~~660~~	~~290~~	~~1,100~~	--	--	--	--	--	--	--	--	--	---	---
~~G-2~~	~~6/21/2002~~	~~5~~	~~—~~	~~2,700~~	~~2.8~~	~~84~~	~~77~~	~~310~~	--	--	--	--	--	--	--	--	--	---	---
~~G-2~~	~~6/21/2002~~	~~10~~	~~—~~	~~3,800~~	~~7.5~~	~~200~~	~~120~~	~~500~~	--	--	--	--	--	--	--	--	--	---	---
~~G-3~~	~~6/21/2002~~	~~5~~	~~—~~	~~<1.0~~	~~0.0059~~	~~0.049~~	~~0.016~~	~~0.057~~	--	--	--	--	--	--	--	--	--	---	---
~~G-3~~	~~6/21/2002~~	~~10~~	~~—~~	~~7,700~~	~~19~~	~~520~~	~~290~~	~~1,100~~	--	--	--	--	--	--	--	--	--	---	---
~~G-4~~	~~6/21/2002~~	~~5~~	~~—~~	~~<1.0~~	~~<0.0050~~	~~0.021~~	~~0.0056~~	~~0.027~~	--	--	--	--	--	--	--	--	--	---	---
~~G-4~~	~~6/21/2002~~	~~10~~	~~—~~	~~3,300~~	~~3.5~~	~~140~~	~~120~~	~~480~~	--	--	--	--	--	--	--	--	--	---	---
~~G-5~~	~~6/21/2002~~	~~5~~	~~—~~	~~7.1~~	~~<0.0050~~	~~0.041~~	~~0.022~~	~~0.064~~	--	--	--	--	--	--	--	--	--	---	---
~~G-5~~	~~6/21/2002~~	~~10~~	~~—~~	~~45~~	~~0.062~~	~~0.58~~	~~0.62~~	~~2.4~~	--	--	--	--	--	--	--	--	--	---	---
~~G-6~~	~~6/21/2002~~	~~5~~	~~—~~	~~<1.0~~	~~<0.0050~~	~~0.0069~~	~~0.0054~~	~~0.022~~	--	--	--	--	--	--	--	--	--	---	---
~~G-6~~	~~6/21/2002~~	~~10~~	~~—~~	~~6,300~~	~~19~~	~~360~~	~~190~~	~~900~~	--	--	--	--	--	--	--	--	--	---	---
~~G-7~~	~~6/21/2002~~	~~5~~	~~—~~	~~<1.0~~	~~0.0057~~	~~0.045~~	~~0.012~~	~~0.046~~	--	--	--	--	--	--	--	--	--	---	---
~~G-7~~	~~6/21/2002~~	~~10~~	~~—~~	~~7,300~~	~~18~~	~~420~~	~~250~~	~~1,100~~	--	--	--	--	--	--	--	--	--	---	---
~~G-8~~	~~6/21/2002~~	~~5~~	~~—~~	~~7,100~~	~~8.4~~	~~280~~	~~210~~	~~960~~	--	--	--	--	--	--	--	--	--	---	---
~~G-8~~	~~6/21/2002~~	~~10~~	~~—~~	~~16,000~~	~~69~~	~~1,100~~	~~470~~	~~1,900~~	--	--	--	--	--	--	--	--	--	---	---
~~G-9~~	~~6/21/2002~~	~~5~~	~~—~~	~~3,700~~	~~1.9~~	~~54~~	~~57~~	~~350~~	--	--	--	--	--	--	--	--	--	---	---
~~G-9~~	~~6/21/2002~~	~~10~~	~~—~~	~~19,000~~	~~83~~	~~1,200~~	~~520~~	~~2,200~~	--	--	--	--	--	--	--	--	--	---	---
~~G-10~~	~~6/21/2002~~	~~5~~	~~—~~	~~<1.0~~	~~0.014~~	~~0.073~~	~~0.012~~	~~0.052~~	--	--	--	--	--	--	--	--	--	---	---
~~G-10~~	~~6/21/2002~~	~~10~~	~~—~~	~~2,100~~	~~1.4~~	~~32~~	~~52~~	~~270~~	--	--	--	--	--	--	--	--	--	---	---
~~G-11~~	~~6/21/2002~~	~~5~~	~~—~~	~~<1.0~~	~~<0.0050~~	~~0.035~~	~~0.019~~	~~0.084~~	--	--	--	--	--	--	--	--	--	---	---
~~G-11~~	~~6/21/2002~~	~~10~~	~~—~~	~~100~~	~~<0.080~~	~~0.43~~	~~0.53~~	~~3.1~~	--	--	--	--	--	--	--	--	--	---	---
~~G-12~~	~~6/21/2002~~	~~5~~	~~—~~	~~<1.0~~	~~<0.0050~~	~~0.034~~	~~0.010~~	~~0.057~~	--	--	--	--	--	--	--	--	--	---	---
~~G-12~~	~~6/21/2002~~	~~10~~	~~—~~	~~9,000~~	~~50~~	~~540~~	~~240~~	~~1,200~~	--	--	--	--	--	--	--	--	--	---	---
~~G-13~~	~~6/21/2002~~	~~5~~	~~—~~	~~<1.0~~	~~<0.0050~~	~~0.0062~~	~~<0.0050~~	~~0.019~~	--	--	--	--	--	--	--	--	--	---	---
~~G-13~~	~~6/21/2002~~	~~10~~	~~—~~	~~12,000~~	~~56~~	~~600~~	~~290~~	~~1,400~~	--	--	--	--	--	--	--	--	--	---	---
~~G-14~~	~~6/21/2002~~	~~5~~	~~—~~	~~3,900~~	~~<20~~	~~190~~	~~120~~	~~510~~	--	--	--	--	--	--	--	--	--	---	---
~~G-14~~	~~6/21/2002~~	~~10~~	~~—~~	~~14,000~~	~~65~~	~~940~~	~~400~~	~~1,700~~	--	--	--	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
G-15	6/21/2002	5	---	<1.0	<0.0050	0.020	<0.0050	0.017	<0.050	--	--	--	--	--	--	--	22.5d	---	---
G-15	6/21/2002	10	---	**5,800**	**12**	**320**	**110**	**450**	31	--	--	--	--	--	--	--	6.5d	---	---
G-16	6/21/2002	5	---	<1.0	<0.0050	0.015	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	2.4d	---	---
G-16	6/21/2002	10	---	**2,100**	**5.1**	**110**	**52**	**230**	11	--	--	--	--	--	--	--	6.5d	---	---
G-17	6/21/2002	5	---	35	**0.082**	0.78	0.54	1.2	0.22	--	--	--	--	--	--	--	368d	---	---
G-17	6/21/2002	10	---	**420**	**0.62**	**9.2**	**9.9**	**41**	<5.0	--	--	--	--	--	--	--	5.7d	---	---
G-18	6/21/2002	5	---	81	**0.11**	1.1	0.76	**2.6**	<0.20	--	--	--	--	--	--	--	3.7d	---	---
G-18	6/21/2002	10	---	**1,700**	**4.9**	**68**	**51**	**220**	<5.0	--	--	--	--	--	--	--	5d	---	---
G-19	6/21/2002	5	---	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	2.6d	---	---
G-19	6/21/2002	10	---	**4,500**	**20**	**230**	**110**	**450**	<5.0	--	--	--	--	--	--	--	5.8d	---	---
~~G-20~~	~~6/21/2002~~	~~5~~	~~---~~	~~1,700~~	~~3.2~~	~~31~~	~~30~~	~~140~~	<5.0	--	--	--	--	--	--	--	4.3d	---	---
~~G-20~~	~~6/21/2002~~	~~10~~	~~---~~	~~6,900~~	~~26~~	~~360~~	~~200~~	~~870~~	<20	--	--	--	--	--	--	--	5.1d	---	---
G-21	6/21/2002	5	---	<1.0	<0.0050	0.016	<0.0050	0.016	<0.50	--	--	--	--	--	--	--	4.2d	---	---
G-21	6/21/2002	10	---	1.0	0.0091	0.18	0.055	0.23	<0.50	--	--	--	--	--	--	--	44.0d	---	---
G-22[1]	6/21/2002	2.5,5,7.5,10	---	---	**0.063**	0.47	0.28	2	<0.50	--	--	--	--	--	--	--	--	---	---
G-23[1]	6/21/2002	2.5,5,7.5,10	---	<1.0	<0.0050	0.012	<0.0050	0.017	<0.050	--	--	--	--	--	--	--	--	---	---
SW-1	11/15/2002	5	<10	<1.0	<0.0050	0.0073	<0.0050	0.017	--	--	--	--	--	--	--	--	--	---	---
SW-1	11/15/2002	10	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-2	11/18/2002	5	<10	<1.0	<0.0050	0.0088	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-2	11/18/2002	10	**1,600**	**2,800**	**2.5**	**75**	**52**	**250**	--	--	--	--	--	--	--	--	--	---	---
SW-3	11/18/2002	5	<10	<1.0	<0.0050	0.0089	<0.0050	0.021	--	--	--	--	--	--	--	--	--	---	---
SW-3	11/18/2002	10	**1,200**	**7,300**	**19**	**330**	**170**	**650**	--	--	--	--	--	--	--	--	--	---	---
SW-4	11/18/2002	5	<10	<1.0	<0.0050	0.0081	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-4	11/18/2002	10	**3,400**	**18,000**	**91**	**1,200**	**440**	**1,900**	--	--	--	--	--	--	--	--	--	---	---
SW-5	11/16/2002	5	<10	<1.0	0.0072	0.039	0.0057	0.022	--	--	--	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
SW-5	11/16/2002	10	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-6	11/16/2002	5	**110**	4.1	0.0084	0.15	0.079	0.41	--	--	--	--	--	--	--	--	--	---	---
SW-6	11/16/2002	10	**920**	**3,900**	**7.3**	**140**	**110**	**450**	--	--	--	--	--	--	--	--	--	---	---
SW-7	11/15/2002	5	<10	<1.0	<0.0050	0.011	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-7	11/15/2002	10	**700**	**4,800**	**11**	**250**	**130**	**540**	--	--	--	--	--	--	--	--	--	---	---
SW-8	11/15/2002	5	<10	<1.0	<0.0050	0.016	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-8	11/15/2002	10	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-9	11/15/2002	5	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-9	11/15/2002	10	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-10	11/15/2002	5	<10	<1.0	<0.0050	<0.0050	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
SW-10	11/15/2002	10	**240**	**570**	<0.10	0.66	**3.7**	**21**	--	--	--	--	--	--	--	--	--	---	---
EXB-1	11/14/2002	12	**1,100**	**4,000**	**25**	**230**	**87**	**380**	--	--	--	--	--	--	--	--	--	---	---
EXB-2	11/15/2002	14	**270**	**1,900**	**7.3**	**71**	**42**	**200**	--	--	--	--	--	--	--	--	--	---	---
EXB-3	11/16/2002	12	**920**	**3,400**	**9.5**	**170**	**86**	**370**	--	--	--	--	--	--	--	--	--	---	---
EXB-4	11/16/2002	12	**1,100**	**6,900**	**22**	**310**	**150**	**640**	--	--	--	--	--	--	--	--	--	---	---
SWH-1	11/16/2002	7.5	--	--	--	--	--	--	--	--	--	<10	<10	--	--	--	--	---	---
SWH-2	11/16/2002	7.5	--	--	--	--	--	--	--	--	--	<10	<10	--	--	--	--	---	---
SWH-3	11/16/2002	8	--	--	--	--	--	--	--	--	--	<10	<10	--	--	--	--	---	---
SWH-4	11/16/2002	7.5	--	--	--	--	--	--	--	--	--	<10	<10	--	--	--	--	---	---
BH-1	11/16/2002	12	--	--	--	--	--	--	--	--	--	<10	<10	--	--	--	--	---	---
SWW-1	11/18/2002	7.5	--	--	--	--	--	--	--	--	--	--	--	<230	--	--	--	---	---
SWW-2	11/18/2002	8	--	--	--	--	--	--	--	--	--	--	--	<230	--	--	--	---	---
SWW-3	11/18/2002	7.5	--	--	--	--	--	--	--	--	--	--	--	<230	--	--	--	---	---
SWW-4	11/18/2002	7.5	--	--	--	--	--	--	--	--	--	--	--	<230	--	--	--	---	---
BWO-1	11/18/2002	12	<10	<1.0	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	--	--	<230	ND [a]	ND [b]	c	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
G-24	1/29/2003	5	52	<1.0	<0.0050	0.012	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	---	---
G-24	1/29/2003	10	<10	<1.0	0.0074	0.014	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	---	---
G-24	1/29/2003	15	<10	<1.0	0.026	0.012	0.0096	<0.015	<0.050	--	--	--	--	--	--	--	--	---	---
G-25	1/29/2003	5	53	<1.0	<0.0050	0.0095	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	---	---
G-25	1/29/2003	10	**1,400**	**8,800**	**27**	**560**	**290**	**1,200**	--	--	--	--	--	--	--	--	--	---	---
G-25	1/29/2003	15	**350**	**1,200**	**8.5**	**90**	**35**	**140**	16	--	--	--	--	--	--	--	--	---	---
G-26	1/29/2003	5	<10	2.2	<0.0050	0.020	0.0076	0.036	--	--	--	--	--	--	--	--	--	---	---
G-26	1/29/2003	10	<10	<1.0	<0.0050	0.0092	<0.0050	<0.015	--	--	--	--	--	--	--	--	--	---	---
G-26	1/29/2003	15	<10	2.2	0.0092	<0.020	0.019	0.031	--	--	--	--	--	--	--	--	--	---	---
G-27	1/29/2003	5	<10	<1.0	<0.0050	0.020	<0.0050	0.018	--	--	--	--	--	--	--	--	--	---	---
G-27	1/29/2003	10	**1,600**	**5,500**	**13**	**250**	**180**	**700**	--	--	--	--	--	--	--	--	--	---	---
G-27	1/29/2003	15	**170**	**10,000**	**58**	**790**	**350**	**1,300**	--	--	--	--	--	--	--	--	--	---	---
G-28	1/29/2003	5	<10	<1.0	0.0054	0.030	0.0063	0.026	--	--	--	--	--	--	--	--	--	---	---
G-28	1/29/2003	10	<10	16	0.027	0.096	0.056	0.28	--	--	--	--	--	--	--	--	--	---	---
G-28	1/29/2003	15	<10	**620**	**2.3**	**34**	**17**	**71**	--	--	--	--	--	--	--	--	--	---	---
G-29	1/29/2003	5	<10	<1.0	<0.0050	0.021	0.0057	0.021	--	--	--	--	--	--	--	--	--	---	---
G-29	1/29/2003	10	**410**	**5,200**	**39**	**380**	**160**	**640**	--	--	--	--	--	--	--	--	--	---	---
G-29	1/29/2003	15	**1,100**	**4,800**	**14**	**290**	**170**	**670**	--	--	--	--	--	--	--	--	--	---	---
G-30	1/29/2003	5	<10	7.1	0.014	0.25	0.14	0.70	--	--	--	--	--	--	--	--	--	---	---
G-30	1/29/2003	10	**1,600**	**16,000**	**92**	**1,000**	**480**	**1,900**	--	--	--	--	--	--	--	--	--	---	---
G-30	1/29/2003	15	**500**	**3,500**	**27**	**210**	**85**	**370**	--	--	--	--	--	--	--	--	--	---	---
MW-1A	1/29/2003	16	<10	<1.0	0.013	0.033	0.0087	0.027	--	--	--	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
CPT-1	10/6/2004	10.5	**860**	**5,300**	**10**	**230**	**92**	**460**	<0.62	<1.2	<1.2	--	--	--	--	--	--	---	---
CPT-1	10/6/2004	14.5	<10	2.0	0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-1	10/6/2004	25.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-1	10/6/2004	29.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-1	10/6/2004	35	<10	<1.0	0.0005	0.005	0.004	0.023	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-1	10/6/2004	40	<10	<1.0	0.01	0.098	0.040	0.20	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-2	10/6/2004	5	**560**	<4.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-2	10/7/2004	10.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-2	10/7/2004	14.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-2	10/7/2004	20.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-2	10/7/2004	25.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-2	10/7/2004	29.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-2	10/7/2004	35.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-2	10/7/2004	40.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-3	10/12/2004	10.5	**890**	**9,000**	**1.9**	**200**	**130**	**660**	<0.25	<0.50	<0.50	--	--	--	--	--	--	---	---
CPT-3	10/12/2004	15.5	<10	18	**0.094**	0.028	0.34	0.31	<0.003	<0.005	<0.005	--	--	--	--	--	--	---	---
CPT-3	10/12/2004	20.5	<10	14	0.002	0.003	0.01	0.025	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-3	10/12/2004	25.5	<10	1.3	0.001	0.009	0.001	0.005	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-3	10/12/2004	29.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-3	10/12/2004	35.5	<10	3.3	0.013	0.031	<0.001	0.11	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-3	10/12/2004	40.5	<10	4.5	0.008	0.032	0.002	0.13	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
CPT-4	10/6/2004	5	46	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-4	10/8/2004	10.5	<10	1.2	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-4	10/8/2004	14.5	<10	<1.0	<0.0005	0.005	0.001	0.005	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-4	10/8/2004	20.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-4	10/8/2004	25.5	<10	<1.0	<0.0005	0.002	<0.001	0.002	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-4	10/8/2004	29.5	<10	<1.0	<0.0005	0.004	0.001	0.005	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-4	10/8/2004	35.5	<10	<1.0	<0.0005	0.001	<0.001	0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-4	10/8/2004	40.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-5	10/11/2004	5	<10	1.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-5	10/11/2004	9.5	**530**	**7,200**	**13**	**260**	**100**	**550**	<0.25	<0.50	**1.5**	--	--	--	--	--	--	---	---
CPT-5	10/11/2004	15.5	<10	**140**	<0.063	<0.13	<0.13	0.13	<0.063	<0.13	<0.13	--	--	--	--	--	--	---	---
CPT-5	10/11/2004	25.5	22	7.6	**0.081**	0.75	0.12	0.74	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-5	10/11/2004	29.5	<10	13	0.0005	0.005	0.002	0.010	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-5	10/11/2004	35.5	<10	<1.0	<0.0005	0.006	0.003	0.015	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-5	10/11/2004	50.5	<10	4.8	<0.0005	0.003	0.002	0.010	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
CPT-5	10/11/2004	69.5	<10	<1.0	<0.0005	0.001	<0.001	0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-1	11/1/2004	5	<10	2.8	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-1	11/1/2004	10	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-1	11/1/2004	15	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-1	11/1/2004	20	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-1	11/1/2004	24.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-2	11/1/2004	5	**450**	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-2	11/1/2004	10	67	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-2	11/1/2004	15	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-2	11/1/2004	20	13	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-2	11/1/2004	24.5	<10	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
C-3	11/1/2004	10	**640**	**4,800**	**0.75**	**94**	**66**	**310**	<0.63	<1.3	<1.3	--	--	--	--	--	--	---	---
C-3	11/1/2004	15	22	9.7	<0.001	<0.002	0.003	0.005	<0.001	<0.002	<0.002	--	--	--	--	--	--	---	---
C-3	11/1/2004	20	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-3	11/1/2004	24.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-4	11/1/2004	5	**160**	9.2	0.001	0.008	<0.001	0.003	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-4	11/2/2004	10	**1,000**	**6,300**	**11**	**410**	**200**	**780**	<0.63	<1.3	<1.3	--	--	--	--	--	--	---	---
C-4	11/2/2004	15	<10	3.1	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-4	11/2/2004	20	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-4	11/2/2004	24.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-5	11/1/2004	5	**160**	1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-5	11/2/2004	10	**330**	2.3	<0.0005	0.002	<0.001	0.002	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-5	11/2/2004	15	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-5	11/2/2004	20	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-5	11/2/2004	24.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-6	11/2/2004	10	**94**	**880**	<0.063	**3.8**	**6.9**	**36**	<0.063	<0.13	<0.13	--	--	--	--	--	--	---	---
C-6	11/2/2004	15	<10	27	<0.002	<0.005	0.11	0.052	<0.002	<0.005	<0.005	--	--	--	--	--	--	---	---
C-6	11/2/2004	20	<10	4.3	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-6	11/2/2004	24.5	<10	<1.0	<0.0005	0.003	<0.001	0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-7	11/1/2004	10	**520**	<10	<0.0005	0.003	<0.001	0.002	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-7	11/1/2004	15	39	**1,100**	<0.063	1.9	**5.7**	**33**	<0.063	<0.13	<0.13	--	--	--	--	--	--	---	---
C-7	11/1/2004	20	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-7	11/1/2004	24.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
C-8	11/1/2004	5	38	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-8	11/2/2004	10	<10	2.7	<0.0005	<0.001	<0.001	0.001	<0.62	<1.2	2.5	--	--	--	--	--	--	---	---
C-8	11/2/2004	15	<10	19	0.001	<0.002	0.003	0.002	<0.001	<0.002	<0.002	--	--	--	--	--	--	---	---
C-8	11/2/2004	20	<10	2.7	<0.0005	<0.001	<0.001	0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-8	11/2/2004	24.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-9	11/1/2004	5	47	<4.0	<0.0005	0.003	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-9	11/2/2004	10	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-9	11/2/2004	15	<10	<1.0	<0.0005	0.002	<0.001	0.002	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-9	11/2/2004	20	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
C-9	11/2/2004	24.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	--	--	--	--	--	--	---	---
B-1	6/12/2006	9.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-1	6/12/2006	15	<10	4.3	0.0006	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-1	6/12/2006	19.5	<10	2.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-2	6/12/2006	9.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-2	6/12/2006	15	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-2	6/12/2006	19.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-3	6/12/2006	10	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-3	6/12/2006	15	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-3	6/12/2006	19.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-4	6/12/2006	9.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-4	6/12/2006	15	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-4	6/12/2006	19.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-5	6/12/2006	9.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-5	6/12/2006	14.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-5	6/12/2006	19.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
B-6	6/12/2006	9.5	26	47	<0.002	<0.005	<0.005	<0.002	--	--	--	--	--	--	--	--	--	---	---
B-6	6/12/2006	15	<10	4.6	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-6	6/12/2006	19.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-7	6/12/2006	10	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-7	6/12/2006	14.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-7	6/12/2006	19.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-8	6/12/2006	9.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-8	6/12/2006	14.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
B-8	6/12/2006	19.5	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-9	4/9/2007	14.5	<4.0	1.6	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-9	4/9/2007	19.5	<4.0	7.1	0.001	<0.001	0.001	0.001	--	--	--	--	--	--	--	--	--	---	---
MW-9	4/9/2007	24.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-9	4/9/2007	29.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-9	4/9/2007	34.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-9	4/9/2007	39.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-10	4/10/2007	41.5	<4.0	2.5	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-10	4/10/2007	44.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-10	4/10/2007	49.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-10	4/10/2007	54.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-10	4/10/2007	59.5	<4.0	<1.0	<0.0005	0.003	<0.001	0.005	--	--	--	--	--	--	--	--	--	---	---
MW-11	4/9/2007	9.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-11	4/9/2007	14.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-11	4/9/2007	19.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-11	4/9/2007	24.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-11	4/9/2007	29.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-11	4/9/2007	34.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-11	4/9/2007	39.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
MW-12	4/10/2007	39.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-12	4/10/2007	44.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-12	4/10/2007	49.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-12	4/10/2007	54.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-12	4/10/2007	59.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	9.0	33	**3,400**	**0.23**	**35**	**34**	**180**	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	14.5	13	**880**	**0.097**	0.45	3.2	**10**	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	19.5	<4.0	7.3	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	24.5	<4.0	1.2	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	29.5	<4.0	<1.0	<0.0005	0.002	<0.001	0.001	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	34.5	<4.0	<1.0	<0.0005	0.002	<0.001	0.001	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	39.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	44.5	<4.0	2.1	0.0005	0.004	<0.001	0.004	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	49.5	<4.0	1.5	0.004	0.011	0.005	0.024	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	54.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-14	4/11/2007	59.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	9.5	**710**	**7,300**	**7.2**	**330**	**150**	**650**	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	14.5	<4.0	1.5	0.003	0.002	0.002	0.005	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	19.5	<4.0	<1.0	<0.0005	0.004	0.002	0.001	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	24.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	29.5	<4.0	<1.0	<0.0005	0.002	<0.001	0.001	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	34.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	39.5	<4.0	<1.0	<0.0005	0.003	<0.001	0.003	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	44.5	<4.0	3.1	0.002	0.032	0.014	0.032	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	49.5	<4.0	<1.0	0.001	0.019	0.007	0.018	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	54.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	59.5	<4.0	<1.0	0.0006	0.004	<0.001	0.001	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	64.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200
MW-17	4/13/2007	69.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
MW-17	4/13/2007	74.5	<4.0	<1.0	<0.0005	0.002	<0.001	<0.001	--	--	--	--	--	--	--	--	--	---	---
VP-1	10/25/2007	6	4.9	--	<0.5	<1.0	<1.0	<1.0	<0.5	--	--	--	--	--	--	--	--	---	---
VP-2	10/25/2007	6	**300**	--	<0.5	<1.0	<1.0	<1.0	<0.5	--	--	--	--	--	--	--	--	---	---
VP-3	10/25/2007	6	6.4	--	<0.5	<1.0	<1.0	<1.0	<0.5	--	--	--	--	--	--	--	--	---	---
VP-4	10/25/2007	6	44	--	<0.5	<1.0	<1.0	<1.0	<0.5	--	--	--	--	--	--	--	--	---	---
VP-5	10/25/2007	6	<4.0	--	<0.5	<1.0	<1.0	<1.0	<0.5	--	--	--	--	--	--	--	--	---	---
VP-6	10/25/2007	6	<4.0	--	<0.5	<1.0	<1.0	<1.0	<0.5	--	--	--	--	--	--	--	--	---	---

Notes:

Total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015M w/ silca gel cleanup
Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M
Benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tertiary butyl ether (MTBE), 1,2-dichloroethane (1,2-DCA), and 1,2-dichlorobenzene (EDB) by EPA Method 8260B
Total oil and grease (TOG) by Method SM 5520 D&E, EPA Methods 3580 and 503E for 1989 samples
Metals by EPS Method 6010B
Volatile Organics (VOC) by EPA Method 8260B
Semi-Volatile Organics (SVOC) by EPA Method 8270C
TVH = Total Volatile Hydrocarbons.
TEH = Total Extractable Hydrocarbons as Gasoline.
ESL = Environmental Screening Levels from San Francisco Regional Water Quality Control Board's *Screening for Environmental Concerns at Sites with Contaiminated Soil and Groundwater,* Interim Final November 2007 (Revised May 2008)
<x = Not detected above method detection limit
fbg = Feet below grade
--- = Not analyzed or not available
* Cadmium 0.7; Chromium 18; Lead 18; Zinc 19, by EPA 6010 for cadmium, chromium, and zinc and EPA 7420 for lead.
~~3,000~~ = Overexcavated in 2002, reported analytical results no longer applicable

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*TPHmo*	*TPHho*	*TOG*	*VOC*	*SVOC*	*Metals*	*TVH*	*THE*
	ESLs		*Milligrams Per Kilogram (mg/kg)*																
Table G	Soil Leaching, Drinking Water Resource		83	83	0.044	2.9	3.3	2.3	0.023	0.0045	1.1	NE	NE	NE	Varies	Varies	Varies	83	83
Table K-2	Direct Exposure: Commercial-Industrial		450	450	0.27	210	5	100	65	0.48	460	3,700	NE	3,700	Varies	Varies	Varies	450	450
Table K-3	Direct Exposure: Construction-Trench Worker		4,200	4,200	12	650	210	420	2,800	21	600	12,000	NE	12,000	Varies	Varies	Varies	4,200	4,200

[1] = Composite sample
a = 0.0044 mg/kg methylene chloroide
b = 0.10 mg/kg bis (2-ethylhexl) phthalate
c = 0.37 mg/kg Cadmium, 46.4 mg/kg Chromium, 3.9 mg/kg Lead, 32.8 mg/kg Nickel, and 50 mg/kg Zinc
d = Total Lead by EPA Method 6010B

TABLE 3

CUMULATIVE GRAB-GROUNDWATER ANALYTICAL DATA
FORMER SIGNAL OIL SERVIE STATION 20-6145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*
			Reported in micrograms per liter (µg/L)								
B-1	8/30/1989	--	ND	**26,000**	**130**	**410**	**220**	**1,400**	--	--	--
B-3	8/30/1990	--	ND	**430**	**34**	42	11	25	--	--	--
P-1	3/22/1996	--	--	**320,000**	**7,700**	**52,000**	**7,300**	**31,000**	<5,000	--	--
P-2	3/22/1996	--	--	**800,000**	**13,000**	**72,000**	**15,000**	**76,000**	**8,900**	--	--
P-3	3/22/1996	--	--	**69,000**	**460**	**9,500**	**2,000**	**9,000**	--	--	--
P-4	3/26/1996	--	--	**12,000**	**6,900**	**16,000**	**2,700**	**11,000**	<2,500	--	--
P-5	3/26/1996	--	--	**1,900**	**470**	<10	<10	<10	<50	--	--
P-6	3/26/1996	--	--	**2,100**	**530**	<10	<10	<10	<50	--	--
P-7*	3/22/1996	--	--	**160,000**	**8,400**	**28,000**	**3,200**	**16,000**	<2,500	--	--
P-8	3/22/1996	--	--	58	<0.50	4.1	0.55	2.9	<2.5	--	--
P-9	3/26/1996	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
CPT-1	10/06/04	12	**---**	**97,000**	**5,200**	**21,000**	**3,700**	**16,000**	<13	**64**	**60**
CPT-1	10/06/04	30	**440**	**130**	**0.6**	**4**	**1**	**7**	<0.5	<0.5	<0.5
CPT-1	10/06/04	43	**370**	**54**	**1**	**14**	**6**	**26**	<0.5	<0.5	<0.5
CPT-1	10/06/04	58	**3,100**	**370**	3	20	6	24	<0.5	<0.5	<0.5
CPT-2	10/07/04	16	**1,200**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-2	10/07/04	32	**450**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-2	10/07/04	43	**500**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-2	10/07/04	60	**---**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-3	10/12/04	32	**770**	**270**	**4**	**28**	**13**	**40**	<0.5	<0.5	<0.5
CPT-3	10/12/04	43	**370**	**130**	**1**	**11**	**4**	**13**	<0.5	<0.5	<0.5
CPT-3	10/12/04	57	**3,800**	**12,000**	**160**	**1,300**	**780**	**3,200**	<1	<1	**6**
CPT-4	10/08/08	30	**620**	**310**	**19**	**91**	**130**	**440**	<0.5	<0.5	<0.5
CPT-4	10/08/04	43	**380**	**92**	<0.5	**6**	**2**	**8**	<0.5	<0.5	<0.5
CPT-4	10/08/04	60	**1,900**	<50	<0.5	**2**	**1**	**5**	<0.5	<0.5	<0.5
CPT-4	10/08/04	72	**2,400**	<50	<0.5	**2**	**0.9**	**4**	<0.5	<0.5	<0.5
CPT-5	10/11/04	31	**1,300**	**2,600**	**120**	**590**	**120**	**440**	<0.5	**11**	**3**
CPT-5	10/11/04	45	**2,400**	**6,600**	**120**	**1,400**	**440**	**2,000**	<1	**7**	**8**
CPT-5	10/11/04	58	**---**	**19,000**	**220**	**2,100**	**540**	**2,500**	<3	**18**	**18**
C-2	11/01/04	**---**	**---**	<0.5	<0.5	<0.5	<0.5	<0.001	<0.5	<0.5	<0.5
C-5	11/02/04	**---**	**---**	<0.5	<0.5	<0.5	<0.5	<0.001	<0.5	<0.5	<0.5

Notes:
fbg = Feet below grade

TABLE 3

CUMULATIVE GRAB-GROUNDWATER ANALYTICAL DATA
FORMER SIGNAL OIL SERVIE STATION 20-6145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB
			Reported in micrograms per liter (µg/L)								

Total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015M w/ silca gel cleanup.
Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M.
Benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B.
ND = Not detected.
<x = Not detected at or above laboratory detection limit.
--- = Not analyzed; not available; or not applicable
* = Sample also analyzed for Total Purgable Hydrocarbons, results were ND.

TABLE 4

CUMULATIVE SOIL VAPOR ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Sample Date*	*Probe Depth Interval* *fbg*	*TPHg*	*TPHg (by TO-3)*	*TPHg (by TO-15)*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Xylenes*[1]	*MTBE*	*Naphthalene*	*Oxygen*	*Nitrogen*	*Carbon Dioxide*	*Methane*	*Helium*	*Iso-butane*[2]
			Concentrations reported in micrograms per cubic meter (µg/m³)									% Volume					*ppbv*
ESL Table E-2	*Shallow Soil Gas (Residential)*		*10,000*	*10,000*	*10,000*	*84*	*63,000*	*980*	*21,000*	*9,400*	*72*	--	--	--	--	--	--
													--	0.87	--	--	--
1997 Temporary Soil Vapor Probes																	
SV-1	5/30/1997	3	360,000	--	--	170	1,600	750	5,300	--	--	20.97	--	1.00	--	--	--
SV-1	5/30/1997	6	50,000,000	--	--	65,000	320,000	84,000	430,000	--	--	18.97	--	0.07	--	--	--
SV-1	5/30/1997	9	24,000,000	--	--	32,000	730,000	340,000	1,400,000	--	--	20.97	--	6.00	--	--	--
SV-2	5/30/1997	3	11,000	--	--	ND	110	110	530	--	--	15.97	--	2.2	--	--	--
SV-2	5/30/1997	6	27,000,000	--	--	22,000	100,000	10,000	66,000	--	--	18.97	--	0.16	--	--	--
SV-2	5/30/1997	9	--	--	--	--	--	--	--	--	--	20.97	--	--	--	--	--
SV-3	5/30/1997	3	180,000	--	--	ND	540	1,500	12,000	--	--	--	--	--	--	--	--
SV-3	5/30/1997	6	83,000	--	--	ND	420	840	5,700	--	--	--	--	--	--	--	--
SV-3	5/30/1997	9	400,000	--	--	6,500	54,000	30,000	44,000	--	--	--	--	--	--	--	--
SV-4	5/30/1997	3	71,000	--	--	ND	34	170	480	--	--	--	--	--	--	--	--
SV-4	5/30/1997	6	270,000	--	--	ND	80	480	1,400	--	--	--	--	--	--	--	--
SV-4	5/30/1997	9	5,400,000	--	--	17,000	150,000	36,000	160,000	--	--	--	--	--	--	--	--
SV-5	5/30/1997	3	8,000	--	--	ND	15	9	710	--	--	--	--	--	--	--	--
SV-5	5/30/1997	6	660,00	--	--	840	6,100	790	3,300	--	--	--	--	--	--	--	--
SV-5	5/30/1997	9	1,100,000	--	--	11,000	84,000	24,000	110,000	--	--	--	--	--	--	--	--

TABLE 4

CUMULATIVE SOIL VAPOR ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Sample Date*	*Probe Depth Interval* *fbg*	*TPHg*	*TPHg (by TO-3)*	*TPHg (by TO-15)*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Xylenes*[1]	*MTBE*	*Naphthalene*	*Oxygen*	*Nitrogen*	*Carbon Dioxide*	*Methane*	*Helium*	*Iso-butane*[2] *ppbv*
			Concentrations reported in micrograms per cubic meter (µg/m³)									% Volume					
ESL Table E-2	*Shallow Soil Gas (Residential)*		*10,000*	*10,000*	*10,000*	*84*	*63,000*	*980*	*21,000*	*9,400*	*72*	--	--	--	--	--	--
Permanent Soil Vapor Probes																	
VP-1	11/6/2007	5.0-5.5		1,400	--	<3.8	16	<5.2	<5.2	<17	<25	10	--	<0.024	<0.00024	--	6.6
VP-1	LAB DUPLICATE			--	--	<3.8	14	<5.2	<5.2	<17	<25	--	--	--	--	--	6.5
VP-1	10/3/2008	5.0-5.5		--	<97	<3.8	<4.5	<5.2	<5.2	<4.3	<25	14	--	0.027	0.00027	<0.12	--
VP-1	5/10/2011	5.0-5.5		--	57,000,000	9,200	<3,200	<3,700	<3,700	<3,100	<18,000	8.7	88	1.6	0.0059	<0.12	--
VP-1	8/23/2011	5.0-5.5		--	2,500,000	<400	<470	<550	<550	<450	<2,600	9.4	89	1.5	0.0024	<0.13	--
VP-1	11/2/2011	5.0-5.5		--	5,700	2.9	<3.0	<3.5	<3.5	<2.9	<17	8.6	91	0.52	0.00054	--	--
VP-1	2/21/2012	5.0-5.5		--	<200	<3.1	<3.6	<4.2	<4.2	<3.5	<20	11	88	0.55	<0.00019	<0.097	--
VP-1	**5/16/2012**	**5.0-5.5**		**--**	**490**	**<2.6**	**<3.0**	**<3.5**	**<3.5**	**<2.9**	**<17**	**13**	**86**	**0.98**	**<0.00016**	**<0.080**	**--**
VP-2	11/6/2007	5.0-5.5		<250	--	<3.9	<4.6	<5.2	<5.2	<17	<25	10	--	0.88	<0.00024	--	ND
VP-2	LAB DUPLICATE			<250	--	--	--	--	--	--	--	10	--	0.88	<0.00024	--	--
VP-2	10/3/2008 [3]	5.0-5.5		--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	5/10/2011	5.0-5.5		--	6,500	<4.1	5.1	<5.6	<5.6	<4.7	<27	15	84	1.4	0.00039	<0.13	--
VP-2 DUP	5/10/2011	5.0-5.5		--	13,000	<4.1	7.5	<5.6	<5.6	<4.7	<27	15	84	1.4	0.00037	<0.13	--
VP-2	8/23/2011	5.0-5.5		--	<260	<4.0	<4.7	<5.5	<5.5	<4.5	<26	14	84	2.1	<0.00025	<0.13	--
VP-2	11/2/2011	5.0-5.5		--	<160	<2.6	<3.0	<3.5	<3.5	<2.9	<17	12	86	1.9	--	--	--
VP-2	2/21/2012	5.0-5.5		--	<170	<2.7	<3.2	<3.6	<3.6	<3.0	<18	14	85	1.3	<0.00017	<0.084	--
VP-2-DUP	2/21/2012	5.0-5.5		--	<170	<2.7	<3.2	<3.6	<3.6	<3.0	<18	15	84	1.4	<0.00017	<0.084	--
VP-2	**5/16/2012**	**5.0-5.5**		**--**	**<170**	**<2.6**	**<3.1**	**<3.6**	**<3.6**	**<3.0**	**<17**	**16**	**83**	**1.3**	**<0.00016**	**<0.082**	**--**
VP-2-DUP	**5/16/2012**	**5.0-5.5**		**--**	**<170**	**<2.6**	**<3.1**	**<3.5**	**<3.5**	**<2.9**	**<17**	**16**	**83**	**1.3**	**<0.00016**	**<0.082**	**--**

TABLE 4

CUMULATIVE SOIL VAPOR ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Sample Date*	*Probe Depth Interval* *fbg*	*TPHg*	*TPHg (by TO-3)*	*TPHg (by TO-15)*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Xylenes*[1]	*MTBE*	*Naphthalene*	*Oxygen*	*Nitrogen*	*Carbon Dioxide*	*Methane*	*Helium*	*Iso-butane*[2] *ppbv*
			Concentrations reported in micrograms per cubic meter (µg/m³)									% Volume					
ESL Table E-2	*Shallow Soil Gas (Residential)*		*10,000*	*10,000*	*10,000*	*84*	*63,000*	*980*	*21,000*	*9,400*	*72*	--	--	--	--	--	--
VP-3	11/6/2007	5.0-5.5		<240	--	<3.7	<4.4	<5.0	<5.0	<17	<24	16	--	2.0	<0.00023	--	ND
VP-3	10/3/2008	5.0-5.5		--	<92	<3.6	<4.2	<4.9	<4.9	<4.0	<23	16	--	2.4	<0.00022	<0.11	--
VP-3	LAB DUPLICATE			--	--	--	--	--	--	--	--	16	--	2.4	<0.00022	<0.11	--
VP-3	5/10/2011	5.0-5.5		--	22,000,000	10,000	21,000	4,200	60,000	<1600	<9000	14	82	3.8	0.0054	<0.13	--
VP-3	8/23/2011	5.0-5.5		--	300	<3.9	4.8	<5.2	15	<4.4	<25	16	80	3.6	<0.00024	<0.12	--
VP-3 DUP	8/23/2011	5.0-5.5		--	<250	<3.9	<4.6	<5.2	15	<4.4	<25	16	80	3.5	<0.00024	<0.12	--
VP-3	11/2/2011	5.0-5.5		--	860	<2.6	4.8	<3.5	30	<2.9	<17	17	79	3.6	--	--	--
VP-3	2/21/2012	5.0-5.5		--	<160	<2.6	3.6	<3.5	9.1	<2.9	<17	17	80	3.2	<0.00016	<0.080	--
VP-3	**5/16/2012**	**5.0-5.5**		**--**	**780**	**<2.6**	**4.0**	**<3.6**	**20**	**<3.0**	**<17**	**17**	**80**	**3.4**	**<0.00017**	**<0.083**	**--**
VP-4	11/6/2007	5.0-5.5		280	--	<3.9	<4.6	<5.2	<5.2	<17	<25	9.7	--	4.0	<0.00024	--	ND
VP-4	10/3/2008	5.0-5.5		--	390	<4.1	<4.9	<5.6	<5.6	<4.6	<27	11	--	4.8	0.00028	<0.13	--
VP-4 DUPLICA	10/3/2008	5.0-5.5		--	240	<4.2	<5.0	<5.7	<5.7	<4.8	<28	11	--	5.0	0.00028	<0.13	--
VP-4	5/10/2011	5.0-5.5		--	12,000,000	2,600	3,400	160	13,000	<36	<210	6.5	86	6.8	0.0034	<0.12	--
VP-4	8/23/2011	5.0-5.5		--	3,300	14	160	<5.2	89	<4.4	<25	14	81	5.2	0.00031	<0.12	--
VP-4	11/2/2011	5.0-5.5		--	650	<2.5	23	<3.4	16	<2.8	<16	13	82	4.4	0.0002	0.09	--
VP-4 DUP	11/2/2011	5.0-5.5		--	780	2.7	27	<3.4	20	<2.8	<16	13	82	4.5	0.0002	--	--
VP-4	2/21/2012	5.0-5.5		--	<160	<2.5	22	<3.4	17	<2.8	<16	17	80	2.7	<0.00016	<0.078	--
VP-4	**5/16/2012**	**5.0-5.5**		**--**	**1,400**	**3.1**	**46**	**<3.2**	**36**	**<2.7**	**<16**	**17**	**79**	**4.0**	**0.00017**	**<0.075**	**--**
VP-5	11/6/2007	5.0-5.5		120,000 *	2,100,000	<760	<900	<1,000	<1,000	<3,400	<5,000	16	--	4.4	<0.00024	--	13,000
VP-5	10/3/2008	5.0-5.5		--	57,000	<86	<100	<120	<120	<97	<560	17	--	4.1	<0.00024	<0.12	--
VP-5	LAB DUPLICATE			--	65,000	<15	<18	<21	<21	<17	<100	--	--	--	--	--	--
VP-5	5/10/2011[3]	5.0-5.5		--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-5	8/23/2011	5.0-5.5		--	150,000	110	870	9.1	86	4.4	<25	19	78	2.5	<0.00024	<0.12	--
VP-5	11/2/2011	5.0-5.5		--	1,500	<2.6	23	<3.6	8.9	<3.0	<17	19	78	2.6	--	--	--
VP-5	2/21/2012	5.0-5.5		--	<170	<2.6	12	<3.6	4.8	<3.0	<17	19	78	2.6	<0.00016	<0.082	--

TABLE 4

CUMULATIVE SOIL VAPOR ANALYTICAL DATA
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Sample Date*	*Probe Depth Interval* *fbg*	*TPHg*	*TPHg (by TO-3)*	*TPHg (by TO-15)*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Xylenes*[1]	*MTBE*	*Naphthalene*	*Oxygen*	*Nitrogen*	*Carbon Dioxide*	*Methane*	*Helium*	*Iso-butane*[2] *ppbv*
			Concentrations reported in micrograms per cubic meter (µg/m³)									% Volume					
ESL Table E-2	*Shallow Soil Gas (Residential)*		*10,000*	*10,000*	*10,000*	*84*	*63,000*	*980*	*21,000*	*9,400*	*72*	--	--	--	--	--	--
VP-5	**5/16/2012**	**5.0-5.5**		**--**	**1,700**	**7.3**	**24**	**4.1**	**16**	**<2.8**	**<16**	**18**	**78**	**3.7**	**<0.00015**	**<0.076**	**--**
VP-6	11/6/2007	5.0-5.5		<260	--	<4.0	<4.8	<5.5	<5.5	<18	<26	20	--	1.0	<0.00025	--	ND
VP-6 DUPLICA	11/6/2007	5.0-5.5		<250	--	<3.9	<4.6	<5.4	<5.4	<18	<26	20	--	1.0	<0.00025	--	ND
VP-6	10/3/2008	5.0-5.5		--	<97	<3.8	<4.5	<5.2	<5.2	<4.3	<25	20	--	0.98	<0.00024	<0.12	--
VP-6	5/10/2011	5.0-5.5		--	2,200,000	<190	<230	<260	380	<220	<1,200	19	79	1.8	<0.00024	<0.12	--
VP-6	8/23/2011	5.0-5.5		--	980	<4.0	<4.7	<5.5	<5.5	<4.5	<26	19	79	2.2	<0.00025	<0.13	--
VP-6	11/2/2011	5.0-5.5		--	450	<2.6	<3.1	<3.6	<3.6	<3.0	<17	20	78	1.9	--	--	--
VP-6	2/21/2012	5.0-5.5		--	<160	<2.5	<3.0	<3.4	<3.4	<2.8	<16	21	78	1.0	<0.00016	<0.079	--
VP-6	**5/16/2012**	**5.0-5.5**		**--**	**350**	**<2.5**	**<3.0**	**<3.4**	**<3.4**	**<2.8**	**<16**	**19**	**79**	**1.8**	**<0.00016**	**<0.079**	**--**

Notes/Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method TO-3 for samples collected 11/06/07

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method TO-15 for samples collected 10/03/08

Benzene, toluene, ethylbenzene, xylenes (BTEX), methyl-tertiary butyl ether (MTBE), napthalene by EPA method TO-15

Oxygen, nitrogen, carbon dioxide, methane and helium by ASTM D-1946

fbg = feet below grade

ppbv = parts per billion volume

<x.xxx = Below laboratory method detection limits

ND = Not detected above laboratory method detection limits, detection limit not reported by laboratory

-- = Not analyzed

ESL - Environmental Screening Levela from Table E-2 of *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final* November 2007 (Updated May 2008) prepared by the San Francisco Regional Water Quality Control Board.

1 = Values for highest value of xylenes detected

2 = Constituent used as leak detector for samples collected 11/06/07determined as a Tentatively Identified Compound (TICs) by Modified EPA Method TO-15. Match quality was below 50%.

3 = Water in probe tubing: sample couldn't be collected

* = TPHg samples collected on 10/03/08 from VP-5 were analyzed by EPA Method TO-15 and EPA Method TO-3 for comparison purposes. Results were within laboratory limits.

TABLE 5

SENSITIVE RECEPTORS
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

Map ID	*Facility ID*	*Approximate Location/Street Address*	*Location Relative to Site Groundwater Flow**	*Approximate Distance From Former USTs*
1	Candells College Prepatory School	2544 73rd Avenue, Oakland	Northwest (Crossgradient)	800
2	Prepatory Literary Academy of Cultural Excellence School	920 Campbell Street, Oakland	Northwest (Crossgradient)	900
3	St. Martin De Porres Catholic School	1630 10 Street, Oakland	Northwest (Crossgradient)	1,000
4	Cole Elemntary School	1011 Union Street, Oakland	Northeast (Upgradient)	1,250

Note:

* Recent groundwater elevations indicate flow to the southwest.

APPENDIX A

BORING LOGS

Drilling Log

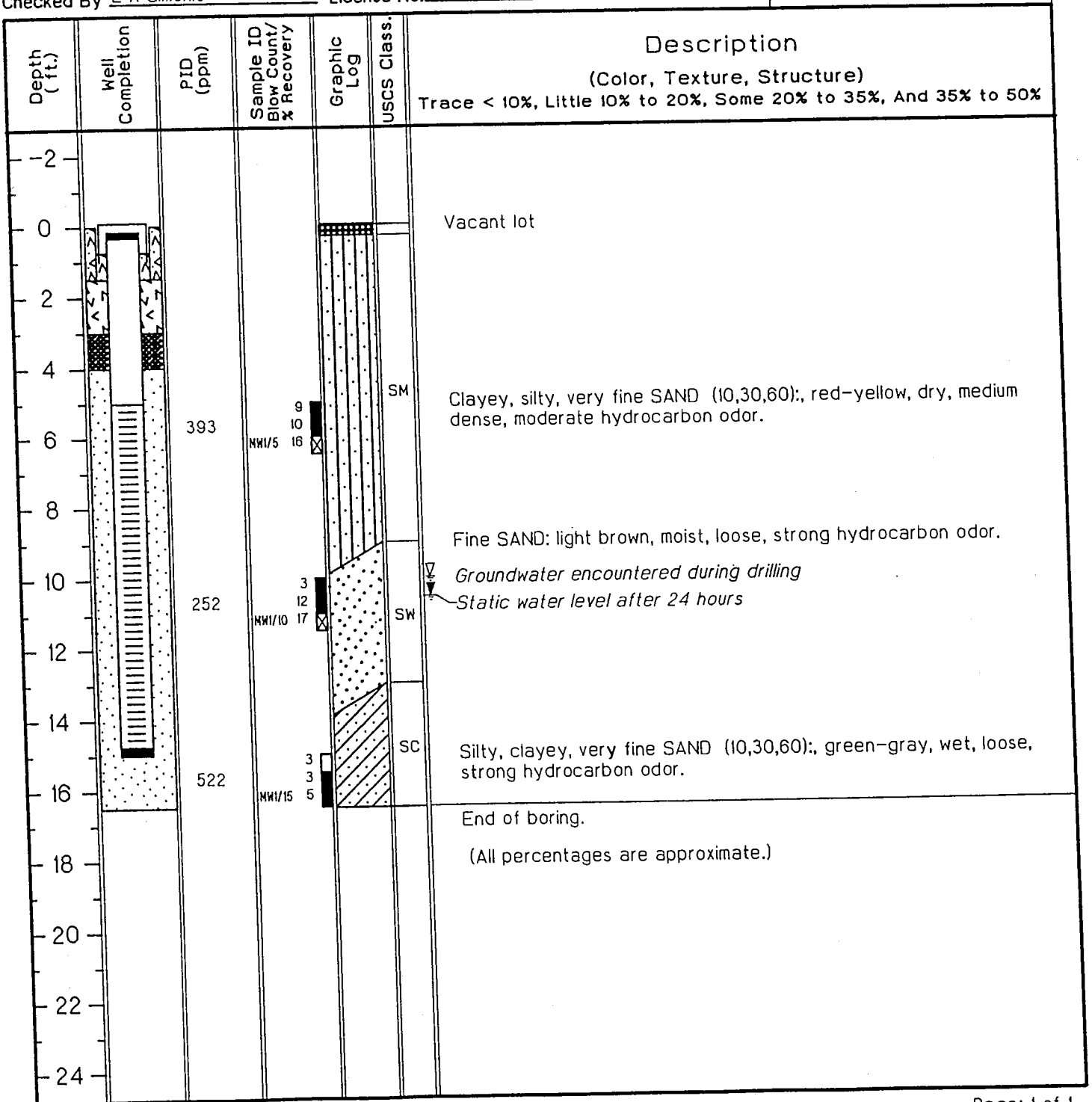
GROUNDWATER TECHNOLOGY

Monitoring Well **MW-1**

Project *Signal S0800* Owner *CHV/USA*
Location *800 Center St.* Project No. *020200105* Date drilled *10/17/95*
Surface Elev. *16.2 ft.* Total Hole Depth *16.5 ft.* Diameter *8.25 in.*
Top of Casing *15.69 ft.* Water Level Initial *10 ft.* Static *10.54 ft.*
Screen: Dia *2 in.* Length *10 ft.* Type/Size *PVC/0.020 in.*
Casing: Dia *2 in.* Length *5 ft.* Type *PVC*
Filter Pack Material *#3 Monterey Sand* Rig/Core Type *CME 75/Splitspoon*
Drilling Company *Bay Area Explor.* Method *Hollow Stem Auger* Permit # *65664*
Driller *Scott Fitche* Log By *Terry James*
Checked By *E K Simonis* License No. *R.G. 4422*

See Site Map For Boring Location

COMMENTS:



11/29/1995 lithlog-jan93

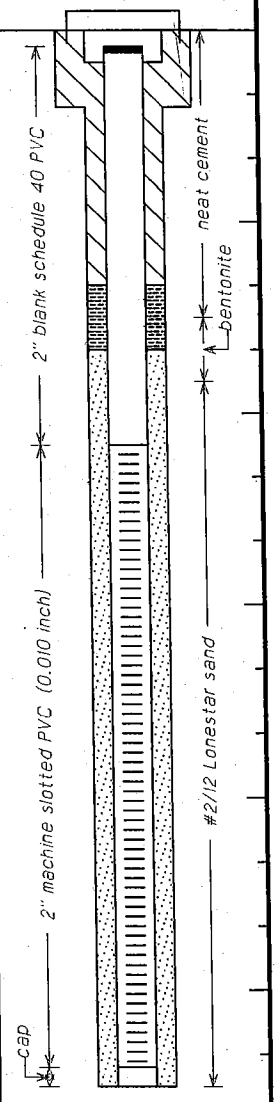
Gettler-Ryan, Inc.

Log of Boring MW-1A

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145I.4CT1*	CASING ELEVATION:
DATE STARTED: *01/29/03*	WL (ft. bgs): *12.5* DATE: *01/29/03* TIME: *11:10*
DATE FINISHED: *01/29/03*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *8 in. Hollow Stem Auger*	TOTAL DEPTH: *16.5 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0						Class II aggregate base.
12					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – greenish gray (5GY 4/1), wet, medium dense; 90% fine to medium sand, 10% silt.
15	119	MW-1A (16)				
						Bottom of boring at 16.5 feet bgs.

WELL DIAGRAM



Drilling Log

GROUNDWATER TECHNOLOGY

Monitoring Well **MW-2**

Project *Signal S0800* Owner *CHV/USA*

Location *800 Center St.* Project No. *020200105* Date drilled *10/17/95*

Surface Elev. *16.3 ft.* Total Hole Depth *16.5 ft.* Diameter *8.25 in.*

Top of Casing *15.77 ft.* Water Level Initial *10 ft.* Static *10.60 ft.*

Screen: Dia *2 in.* Length *10 ft.* Type/Size *PVC/0.020 in.*

Casing: Dia *2 in.* Length *5 ft.* Type *PVC*

Filter Pack Material *#3 Monterey Sand* Rig/Core Type *CME 75/Splitspoon*

Drilling Company *Bay Area Explor.* Method *Hollow Stem Auger* Permit # *65664*

Driller *Scott Fitche* Log By *Terry James*

Checked By *E K Simonis* License No. *R.G. 4422*

See Site Map For Boring Location

COMMENTS:

Depth (ft.)	Well Completion	PID (ppm)	Sample ID / Blow Count / % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
0						Thin Asphalt
6		4	3 / 7 / MW2/5 12		SM	Clayey, silty, very fine SAND (10,20,70): red-yellow, damp, medium dense, no hydrocarbon odor.
10		3	7 / 20 / MW2/10 25			Grades fine sand, reddish-brown, wet. *Groundwater encountered during drilling* *Static water level after 24 hours*
16		3	4 / 10 / MW2/15 10		SC	Silty, clayey, very fine SAND (10,30,60): saturated, soft, no hydrocarbon odor.
						End of boring. (All percentages are approximate.)

Drilling Log

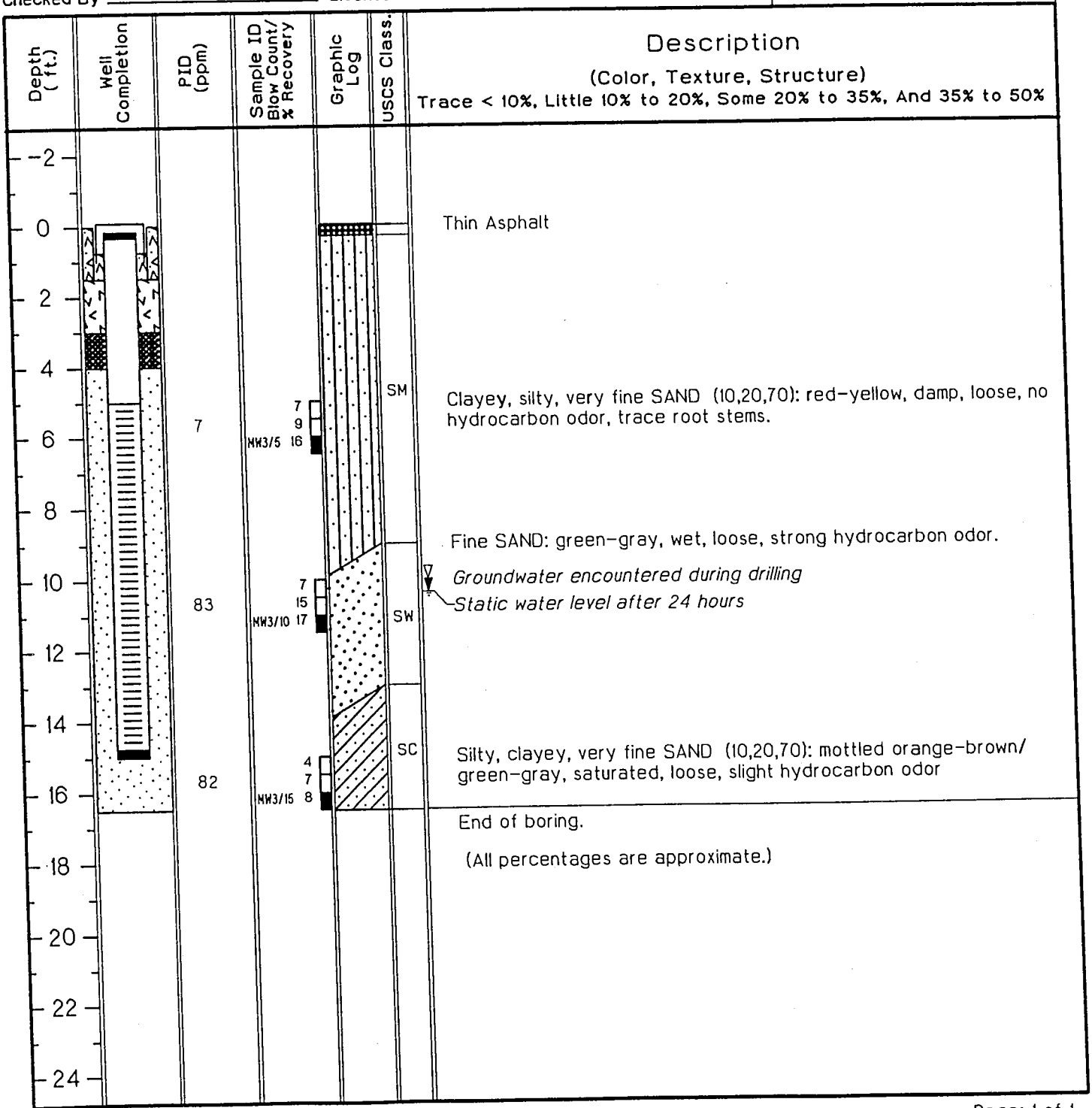
GROUNDWATER TECHNOLOGY

Monitoring Well **MW-3**

Project *Signal S0800* Owner *CHV/USA*
Location *800 Center St.* Project No. *020200105* Date drilled *10/17/95*
Surface Elev. *16.1 ft.* Total Hole Depth *16.5 ft.* Diameter *8.25 in.*
Top of Casing *15.46 ft.* Water Level Initial *10 ft.* Static *10.37 ft.*
Screen: Dia *2 in.* Length *10 ft.* Type/Size *PVC/0.020 in.*
Casing: Dia *2 in.* Length *5 ft.* Type *PVC*
Filter Pack Material *#3 Monterey Sand* Rig/Core Type *CME 75/Splitspoon*
Drilling Company *Bay Area Explor.* Method *Hollow Stem Auger* Permit # *65664*
Driller *Scott Fitche* Log By *Terry James*
Checked By *E K Simonis* License No. *R.G. 4422*

See Site Map For Boring Location

COMMENTS:



Drilling Log

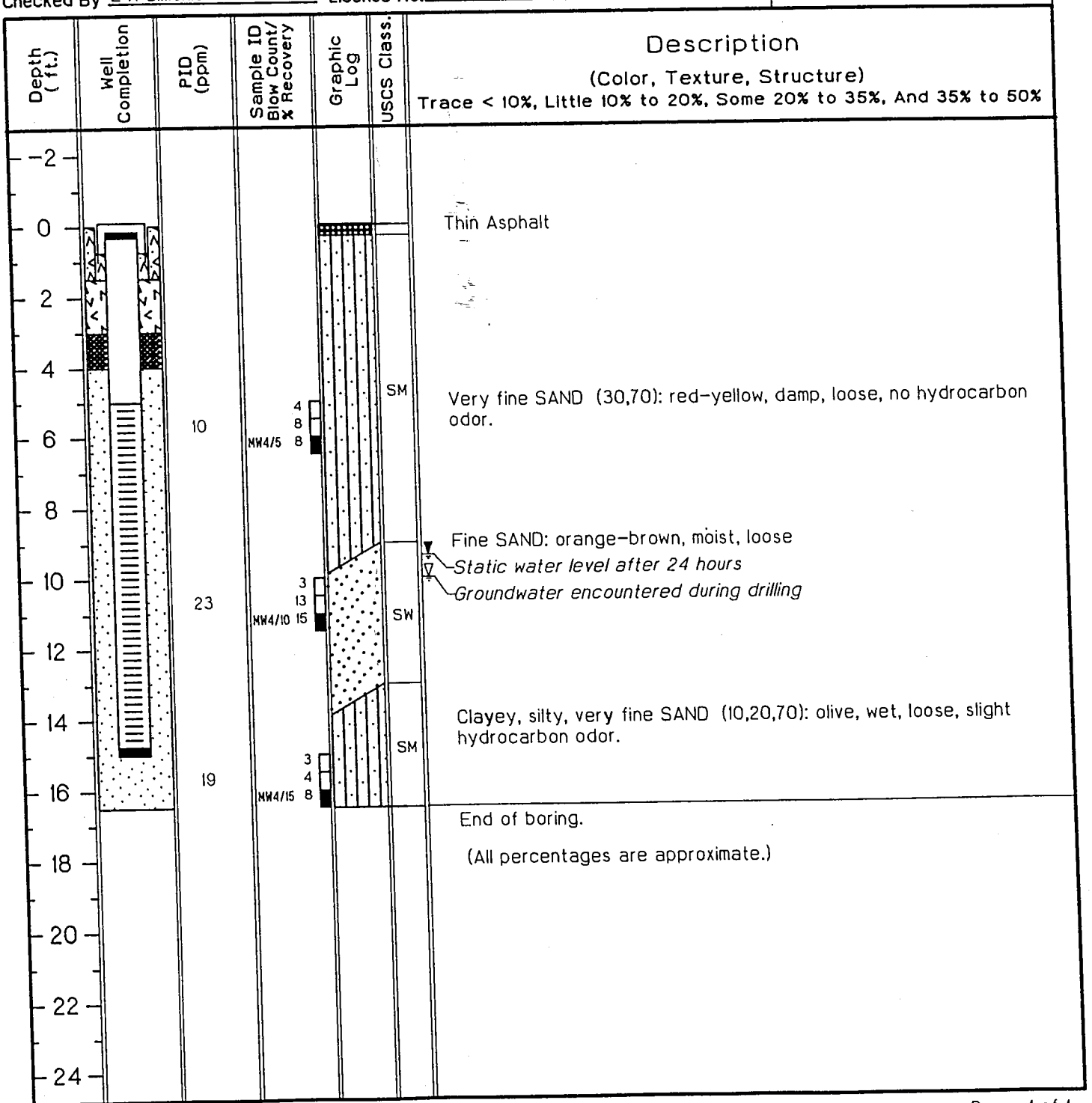
GROUNDWATER TECHNOLOGY

Monitoring Well **MW-4**

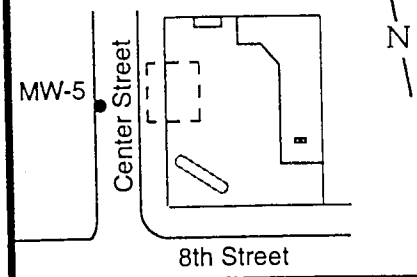
Project *Signal S0800* Owner *CHV/USA*
Location *800 Center St.* Project No. *020200105* Date drilled *10/18/95*
Surface Elev. *14.84 ft.* Total Hole Depth *16.5 ft.* Diameter *8.25 in.*
Top of Casing *14.45 ft.* Water Level Initial *10 ft.* Static *9.37 ft.*
Screen: Dia *2 in.* Length *10 ft.* Type/Size *PVC/0.020 in.*
Casing: Dia *2 in.* Length *5 ft.* Type *PVC*
Filter Pack Material *#3 Monterey Sand* Rig/Core Type *CME 55/Splitspoon*
Drilling Company *Bay Area Explor.* Method *Hollow Stem Auger* Permit # *65664*
Driller *Scott Fitche* Log By *Terry James*
Checked By *E K Simonis* License No. *R.G. 4422*

See Site Map For Boring Location

COMMENTS:



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

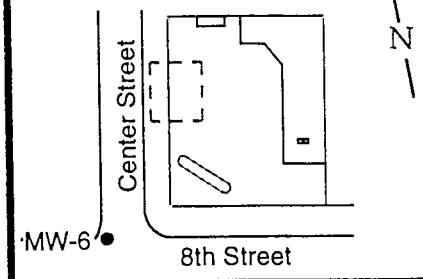
WELL NO. MW-5
PAGE 1 OF 1

PROJECT NO. 320-162.1B
LOGGED BY: M.K.
DRILLER: WOODWARD
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 2 x 12 LONESTAR

CLIENT: CHEVRON
DATE DRILLED: 12-18-96
LOCATION: 800 Center Street
HOLE DIAMETER: 8"
HOLE DEPTH: 21'
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
CEMENT				1			SP	0-0.4' ASPHALT GRAVELLY SAND: greenish gray; trace of fines; 50% fine sand; 10% medium sand; 10% coarse sand, subangular; 30% fine gravel, subangular to subrounded to 3/4" diameter; no staining; no product odor.
				2				@1.5': light olive brown; trace of fines; 95% fine sand; iron oxide staining; dense; no product odor.
				3				
				4				
	Dp	37	62	5				@5-7': greenish gray; no product odor.
				6				
				7				
BENTONITE				8				
				9				
	Mst	81	48	10				@10': olive; 5% low to moderate plasticity fines; 95% fine sand; trace of iron oixde staining; dense; no product odor.
				11				
				12			SP-SM	SAND TO SILTY SAND: light olive brown; 10% moderate to high plasticity fines; 90% fine sand; medium dense; no product odor.
				13				
SAND				14				
	Wt	48	13	15				
				16				
				17			SP	SAND: light olive brown; 5% moderate to high plasticity fines; 90% fine sand; trace of fine gravel, subangular to 1/4" diameter; iron oxide staining; medium dense; no product odor.
				18				
				19				
	Wt	34	26	20				
SLOUGH				21				BOTTOM OF BORING AT 21'
				22				

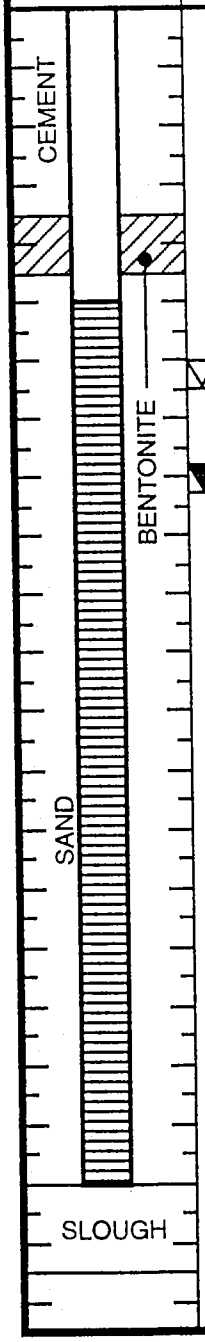
LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

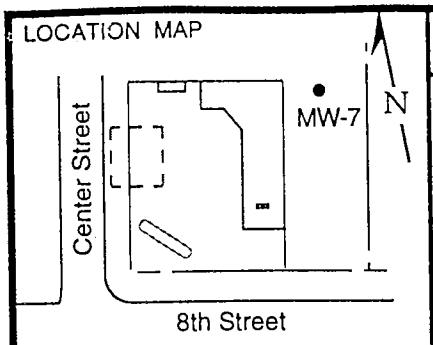
WELL NO. MW-6
PAGE 1 OF 1

PROJECT NO. 320-162.1B	CLIENT: CHEVRON
LOGGED BY: M.K.	DATE DRILLED: 12-18-96
DRILLER: WOODWARD	LOCATION: 800 Center Street
DRILLING METHOD: HSA	HOLE DIAMETER: 8"
SAMPLING METHOD: CALMOD	HOLE DEPTH: 21.5'
CASING TYPE: SCH 40 PVC	WELL DIAMETER: 2"
SLOT SIZE: 0.020"	WELL DEPTH: 20'
GRAVEL PACK: 2 x 12 LONESTAR	CASING STICKUP: NA



DEPTH (FEET)	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	SOIL TYPE	LITHOLOGY / REMARKS
					ASPHALT AND CONCRETE
1				SP	SAND: light olive brown; trace of fines; 95% fine sand; no product odor.
2					
3					
4					
5	Dp	<1	4		@5': light olive brown; trace of fines; 95% fine sand; very loose; iron oxide staining; no product odor.
6					
7					
8					
9					
10	Wt	<1	40		@10': light olive brown; 5% fines; 95% fine sand; iron oxide staining; medium dense; no product odor.
11					
12					
13				SP-SM	SAND TO SILTY SAND: light yellowish brown; 10% moderate to high plasticity fines; 90% fine sand; iron oxide staining; medium dense; no product odor.
14					
15	Wt	<1	18		
16					
17					
18				SP	SAND: pale olive; trace of fines; 95% fine sand; medium dense; no product odor.
19					
20	Wt	<1	28		
21					
22					BOTTOM OF BORING AT 21.5'

LOCATION MAP

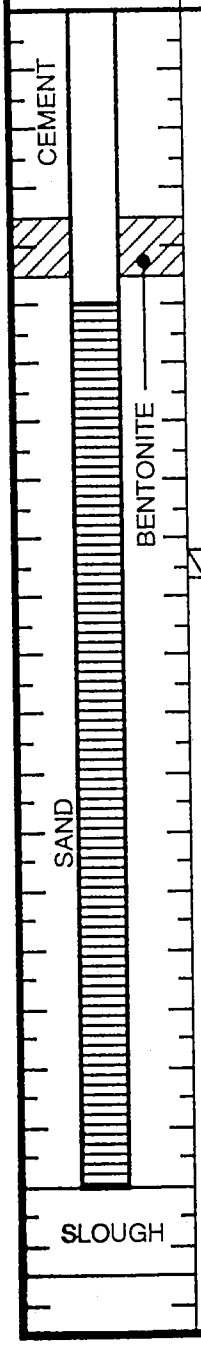


PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-7
PAGE 1 OF 1

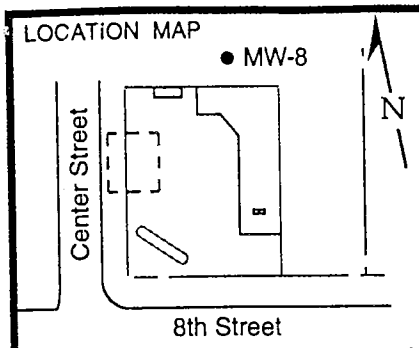
PROJECT NO. 320-162.1B
LOGGED BY: M.K.
DRILLER: WOODWARD
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 2 x 12 LONESTAR

CLIENT: CHEVRON
DATE DRILLED: 12-18-96
LOCATION: 800 Center Street
HOLE DIAMETER: 8"
HOLE DEPTH: 21.5'
WELL DIAMETER: 2"
WELL DEPTH: 20'
CASING STICKUP: NA



MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	SOIL TYPE	LITHOLOGY / REMARKS
			SP-SM	SAND TO SILTY SAND: very dark gray; 10% low plasticity fines; 90% fine sand; abundant rootlets; no product odor.
			SP	SAND: light olive brown; trace of fines; 95% fine sand; loose; no product odor.
Dp	<1	14		
Wt	<1	42		@10': light olive brown; trace of fines; 95% fine sand; iron oxide staining; medium dense; no product odor.
Wt	<1	28		@15': gray; trace fines; 95% fine sand; iron oxide staining; medium dense; no product odor.
			SP-SM	SAND TO SILTY SAND: grayish brown; 10% moderate to high plasticity fines; 90% fine sand; fine rootlets; iron oxide staining; medium dense; no product odor.
Wt	<1	30		
				BOTTOM OF BORING AT 21.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. MW-8/B-8
PAGE 1 OF 1

PROJECT NO. 320-162.1B
LOGGED BY: M.K.
DRILLER: WOODWARD
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 12-18-96
LOCATION: 800 Center Street
HOLE DIAMETER: 8"
HOLE DEPTH: 21.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				1			SP	SAND: dark grayish brown; trace of fines; 95% fine sand; abundant rootlets and staining; organic odor; no product odor.
				2				@2': metal and clay pipe debris.
				3				
				4				
	Mst	<1	9	5				@5': grayish brown; 5% fines; 95% fine sand; loose; no product odor.
				6				
				7			SP-SM	SAND TO SILTY SAND: light olive brown; 10% low to moderate plasticity fines; 90% fine sand; medium dense; no product odor.
				8				
				9				
	Wt	<1	39	10				
				11				
				12				
				13			SP	SAND: light olive brown; 5% fines; 95% fine sand; iron oxide staining; medium dense; no product odor.
				14				
	Wt	<1	29	15				
				16				
				17				
				18				
				19				
	Wt	<1	37	20				@20': light olive brown; trace of fines; 95% fine sand; iron oxide staining; medium dense; no product odor.
				21				
				22				BOTTOM OF BORING AT 21.5'

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-1
JOB/SITE NAME	20-6145	**DRILLING STARTED**	01-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	01-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	11.0 fbg (01-Nov-04) ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
									Gravel
0		C1@5		5	SW		**Gravelly SAND**: Medium gray; dry; loose; 80% sand, 20% gravel; moderate to high estimated permeability. Fill?	5.0 5.5	
					SM		**Silty SAND**: Light brown; damp; dense; 90% fine sand, 10% silt; moderate to high estimated permeability.	8.0 9.0	
0		C1@10		10	SM		**Silty SAND**: Light brown with gray mottling; damp; moderately dense; 80% fine sand, 20% silt; moderate to high estimated permeability. ▽		Portland Type I/II
2		C1@15		15	SM		**Silty SAND**: Light brown with gray mottling; damp; moderately dense; 85% fine sand, 15% silt; moderate to high estimated permeability. At 19 fbg approximately 3" of soil with black and red staining was observed.	14.0	
0		C1@20		20					
1		C1@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) I:\206145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-2
JOB/SITE NAME	20-6145	**DRILLING STARTED**	01-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	01-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0		C2@5		5	SW		**Gravelly SAND**: Dark gray; dry; loose; 60% fine to medium sand, 40% angular gravel; high estimated permeability. Fill?	5.0 5.5	Gravel
								8.0	
		C2@10		10	GW		**Sandy GRAVEL**: Dark gray; dry; loose; 60% angular gravel, 40% fine to medium sand; high estimated permeability. Fill? Becomes wet at 12 fbg.		
								12.5	Portland Type I/II
		C2@15		15	SM		**Silty SAND**: Light brown; wet; moderately loose; 85% fine sand, 15% silt; moderate to high estimated permeability. Approximately 2" of soil with red and black staining was observed at 19.5 fbg .		
		C2@20		20					
		C2@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-3
JOB/SITE NAME	20-6145	**DRILLING STARTED**	01-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	01-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5	SW		**Gravelly SAND**: Dark brown; dry; very loose; 60% sand, 40% gravel; high estimated permeability. Moderate hydrocarbon odor. Fill?	6.0 6.5 8.0	Gravel
97					SW		**Gravelly SAND**: Dark gray; dry; very loose; 60% sand, 40% gravel; high estimated permeability. Strong hydrocarbon odor.	9.0	
2,500		C3@10		10	SM		**Silty SAND**: Light brown; wet; loose; 90% sand, 10% silt; high estimated permeability. Strong hydrocarbon odor.	12.0	
85		C3@15		15	SM		**Silty SAND**: Light brown with gray mottling; wet; moderately loose; 90% sand, 10% silt; high estimated permeability. Strong hydrocarbon odor. At 16 fbg soil becomes moderately dense and damp with a slight hydrocarbon odor.		Portland Type I/II
11		C3@20		20			At 19 fbg soil becomes light brown and dense with no hydrocarbon odor.	19.0	
1		C3@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-4
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
									Gravel
5		C4@5		5	SW		**Gravelly SAND**: Medium brown; dry; moderately loose; 60% sand, 40% gravel; high estimated permeability. Fill?	5.0	
							Silty SAND: Light brown; dry; moderately loose; 85% fine sand, 15% silt; high estimated permeability. Strong hydrocarbon odor from approximately 8 to 16 fbg. Approximately 2" of soil with green and black staining was observed at 9 fbg. Soil becomes damp at 11 fbg and wet at 13 fbg.	8.0	
894		C4@10		10					
							From 13 to 16 fbg soil is loose and greenish gray with black staining.		Portland Type I/II
16		C4@15		15	SM		From 16-18 soil is light brown with light gray mottling.		
							From 18 to 23 fbg soil becomes moderately dense and light brown.		
0		C4@20		20					
0		C4@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-5
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
									Gravel
0		C5@5		5	GW		**Sandy GRAVEL**: Medium gray; dry; loose; 60% gravel, 40% sand; high estimated permeability. Fill?	5.0 5.5	
					GM		**Sandy Silty GRAVEL**: Dark brown; dry; moderately loose; 50% gravel, 35% silt, 15% sand; high estimated permeability.	8.0	
1		C5@10		10				11.0	
					SM		**Silty SAND**: Light brown; damp; moderately loose; 95% sand, 5% silt; high estimated permeability. At 12 fbg soil becomes wet.		Portland Type I/II
0		C5@15		15			At 16 fbg soil becomes light gray with light brown mottling.	16.0	
							At 19.5 fbg soil becomes light brown and moderately dense.	19.5	
0		C5@20		20			At 22 fbg soil becomes damp.	22.0	
0		C5@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-6
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5	SM		**Silty SAND**: Dark brown; dry; loose; 90% fine sand, 10% silt; high estimated permeability.	5.0 5.5	Gravel
					SW		**Silty Gravelly SAND** Dark brown; dry; dense; 80% fine sand, 10% silt, 10% gravel; high estimated permeability. Strong hydrocarbon odor.	8.0 8.5	
1178		C6@10		10			**Silty SAND**: Light brown; dry; dense; 90% sand, 10% silt; high estimated permeability. Strong hydrocarbon odor. At 11 fbg soil becmoes loose and damp.	11.0	
							At 13.5 fbg soil becomes wet and light gray with light brown mottling.	13.5	Portland Type I/II
284		C6@15		15	SM		At 15 fbg, slight hydrocarbon odor. From 16 to 18 fbg soil has intermittent black and green staining.	15.0 18.0	
69		C6@20		20			At 19 fbg soil becomes light brown and there is no hydrocarbon odor.	19.0	
0		C6@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-7
JOB/SITE NAME	20-6145	**DRILLING STARTED**	01-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	01-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5					Gravel
1		C7@5			GW		**Sandy GRAVEL**: Dark gray; dry; loose; 60% angular gravel, 40% fine sand; high estimated permeability. Fill?	5.0	
		C7@10		10					
								12.0	Portland Type I/II
601		C7@15		15	SM		**Silty SAND**: Dark brown with light gray mottling; damp; loose; 90% fine sand, 10% silt; high estimated permeability. Strong hydrocarbon odor at 12 fbg, slight odor at 16 fbg, no odor from 18 fbg down.		
19		C7@20		20			At 20 fbg soil becomes light gray and at 22 fbg it is light brow	22.0	
3		C7@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-8
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
									Gravel
0		C8@5		5			**Silty SAND**: Light brown; dry; moderately loose; 95% fine sand, 5% silt; high estimated permeability. Strong hydrocarbon odor.	5.0	
							Soil becomes damp at 8 fbg.	8.0	
1436		C8@10		10	SM				
							Soil becomes wet at 13.5 fbg.	13.5	Portland Type I/II
1088		C8@15		15					
							Silty SAND: Dark brown with light gray mottling; damp; moderately loose; 90% fine sand, 10% silt; high estimated permeability. Moderate hydrocarbon odor to 17.5 fbg, slight odor to 19.5 fbg, no odor from 19.5 fbg down. At approximately 18 fbg soil becomes light brown.	16.0	
10		C8@20		20	SM				
2		C8@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) I:\206145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-9
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
									Gravel
0		C9@5		5	SM		**Silty SAND:** Light brown; dry; very loose; 95% fine sand, 5% silt; high estimated permeability.	5.0 5.5	
					SW		**Gravelly Silty SAND** Light brown; dry; very dense; 90% fine sand, 5% gravel, 5% silt; high estimated permeabiliity.	8.0 8.5	
0		C9@10		10			**Silty SAND>:** Light brown; damp; moderately dense; 90% fine sand, 10% silt; high estimated permeability. Soil becomes wet and moderately loose at 11 fbg.		
					SM		From 13 to 16 fbg soil is light gray with light brown mottling.		Portland Type I/II
0		C9@15		15				16.0	
					SM		**Silty SAND with clay:** Light brown; damp; loose; 85% fine sand, 10% silt, 5% clay; high estimated permeability. Approximately 3" of black and red staining at 18.5 fbg.	18.5 19.5	
0		C9@20		20			**Silty SAND:** Light brown; damp; moderately dense; 95% fine sand, 5% silt; high estimated permeability.		
					SM				
0		C9@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

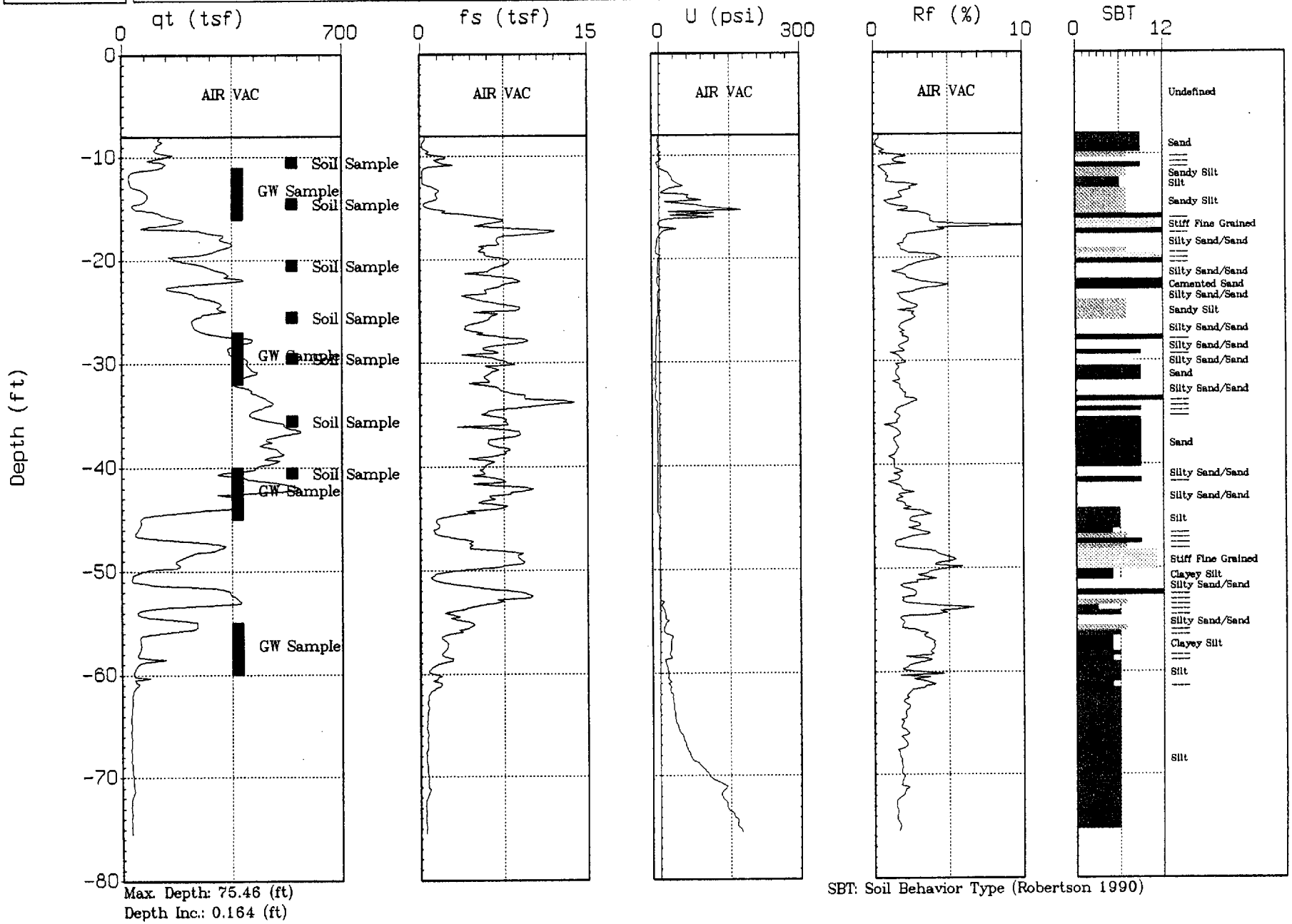
WELL LOG (PID) I:\206145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-01

Geologist: S. OWEN
Date: 10:06:04 10:44



Max. Depth: 75.46 (ft)
Depth Inc.: 0.164 (ft)

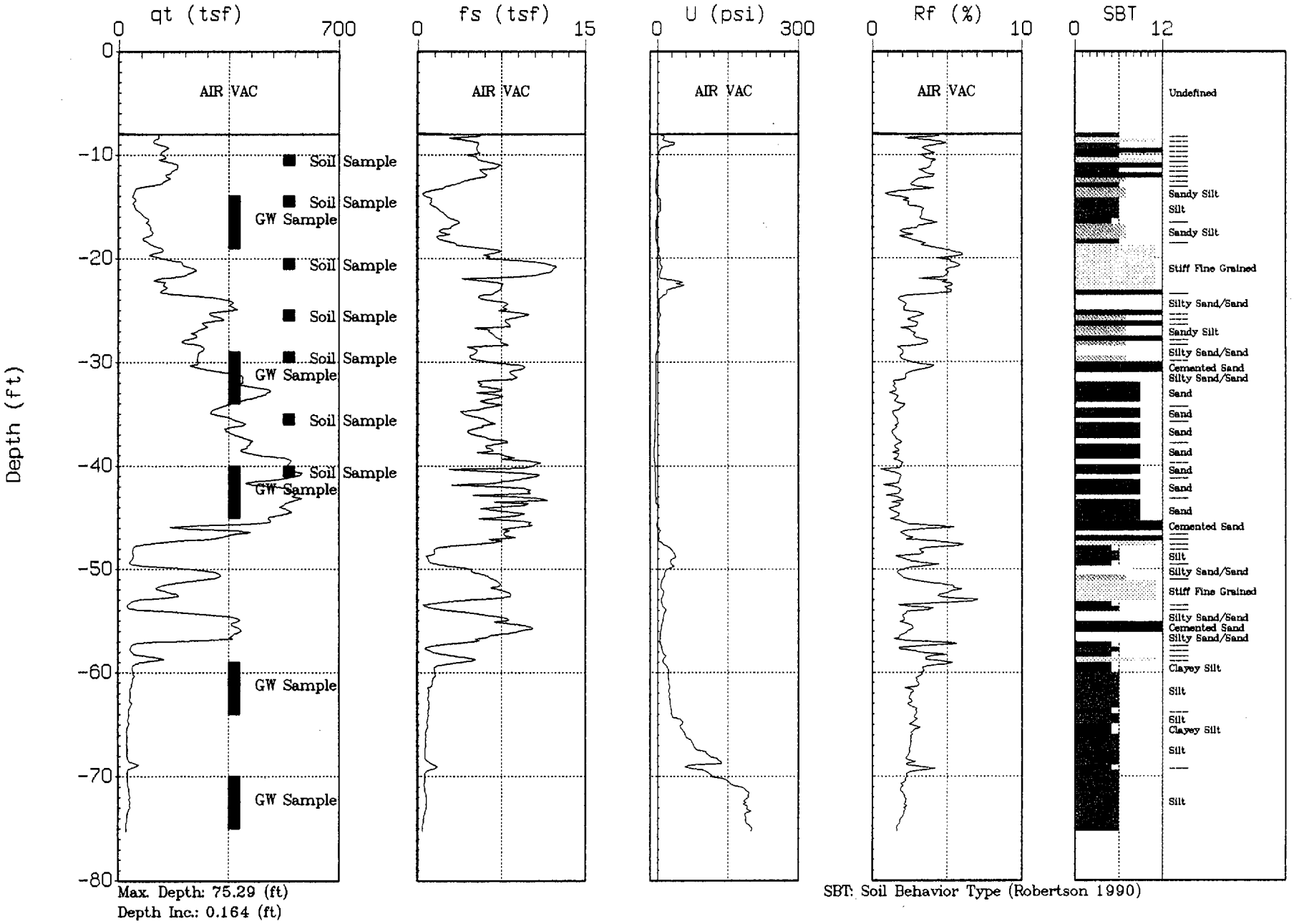
SBT: Soil Behavior Type (Robertson 1990)

GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-02

Geologist: S. OWEN
Date: 10:07:04 08:24



Max. Depth: 75.29 (ft)
Depth Inc.: 0.164 (ft)

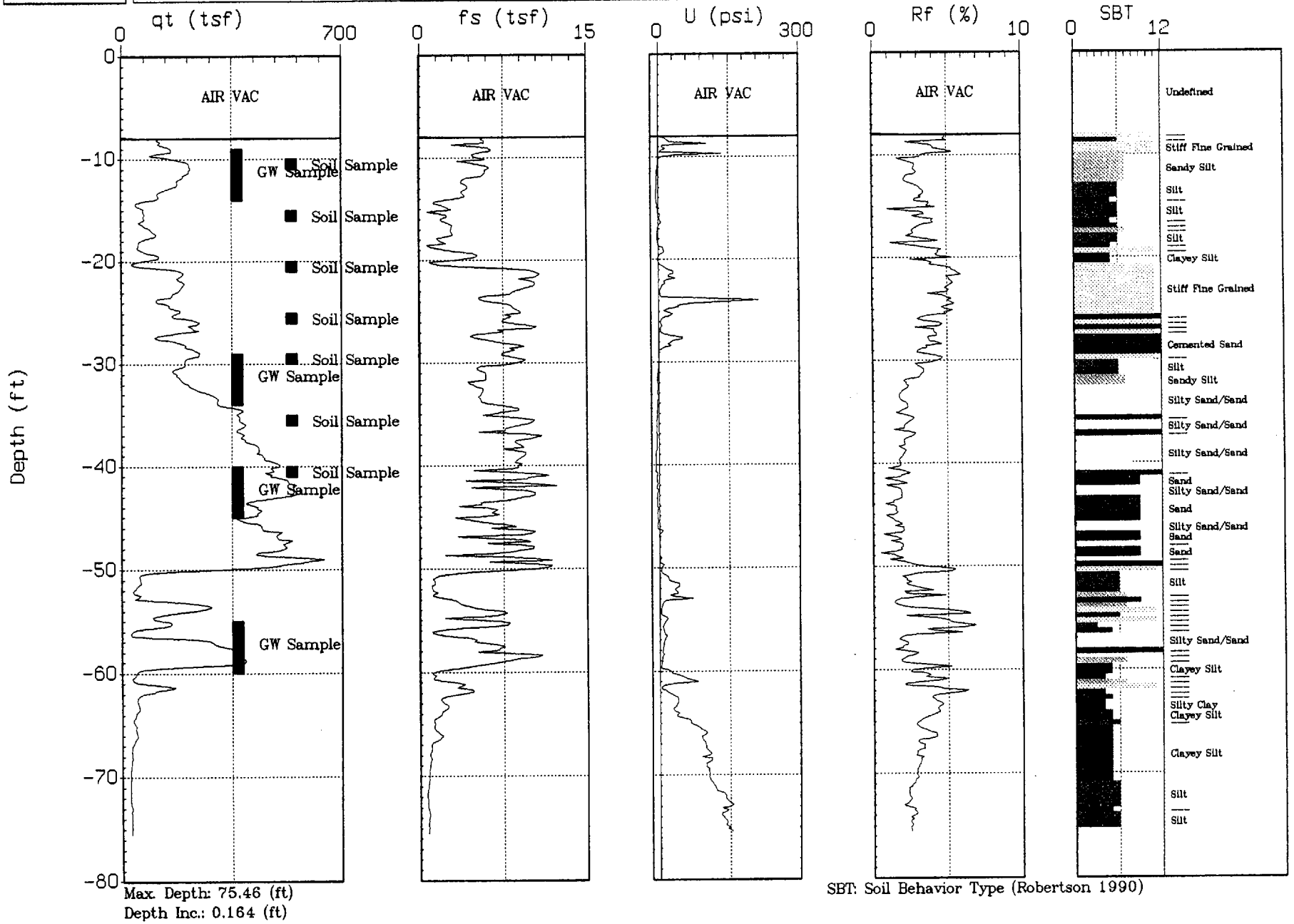
SBT: Soil Behavior Type (Robertson 1990)

GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-03

Geologist: S. OWEN
Date: 10:08:04 15:26

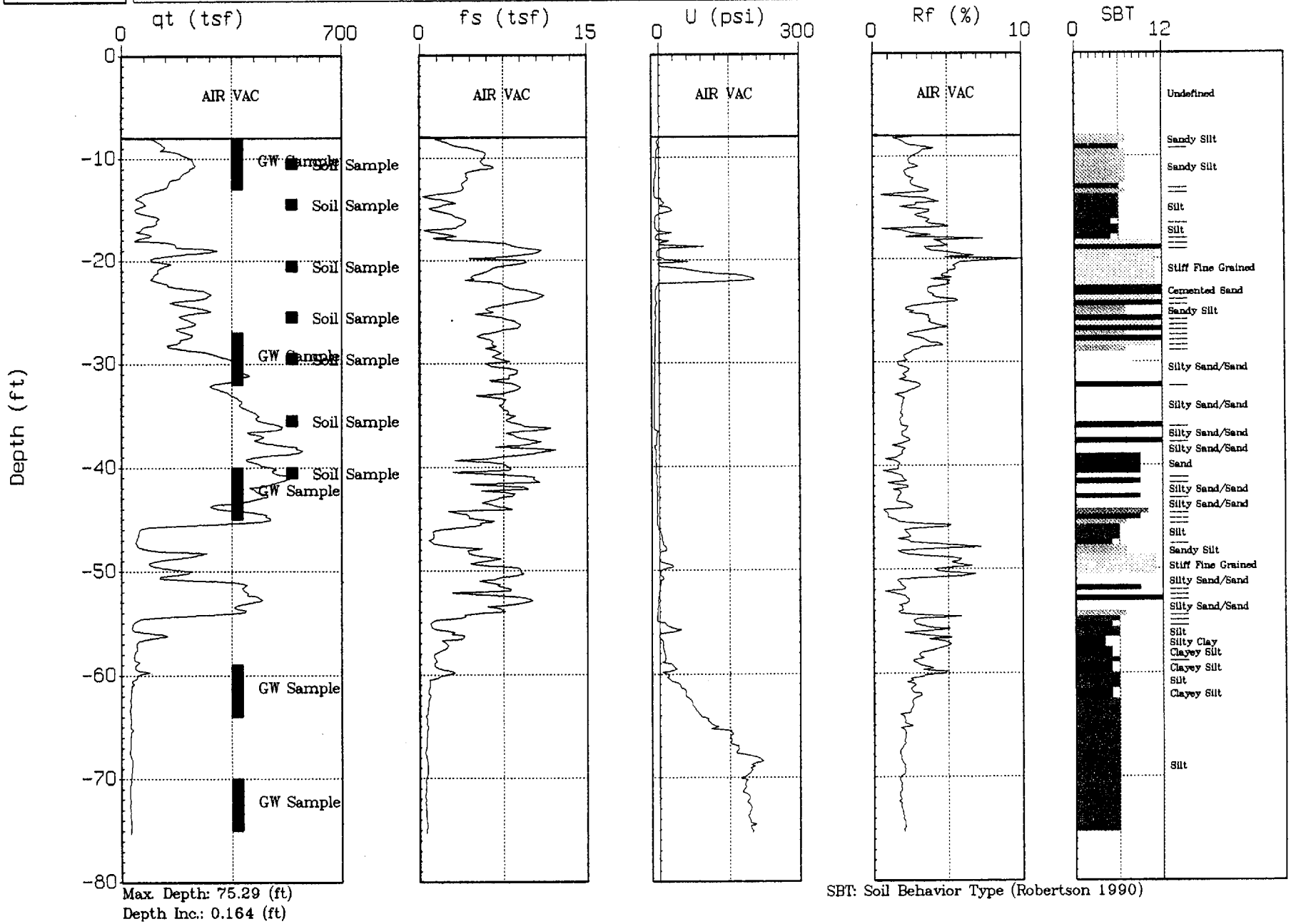


GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-04

Geologist: S. OWEN
Date: 10:07:04 15:34



Max. Depth: 75.29 (ft)
Depth Inc.: 0.164 (ft)

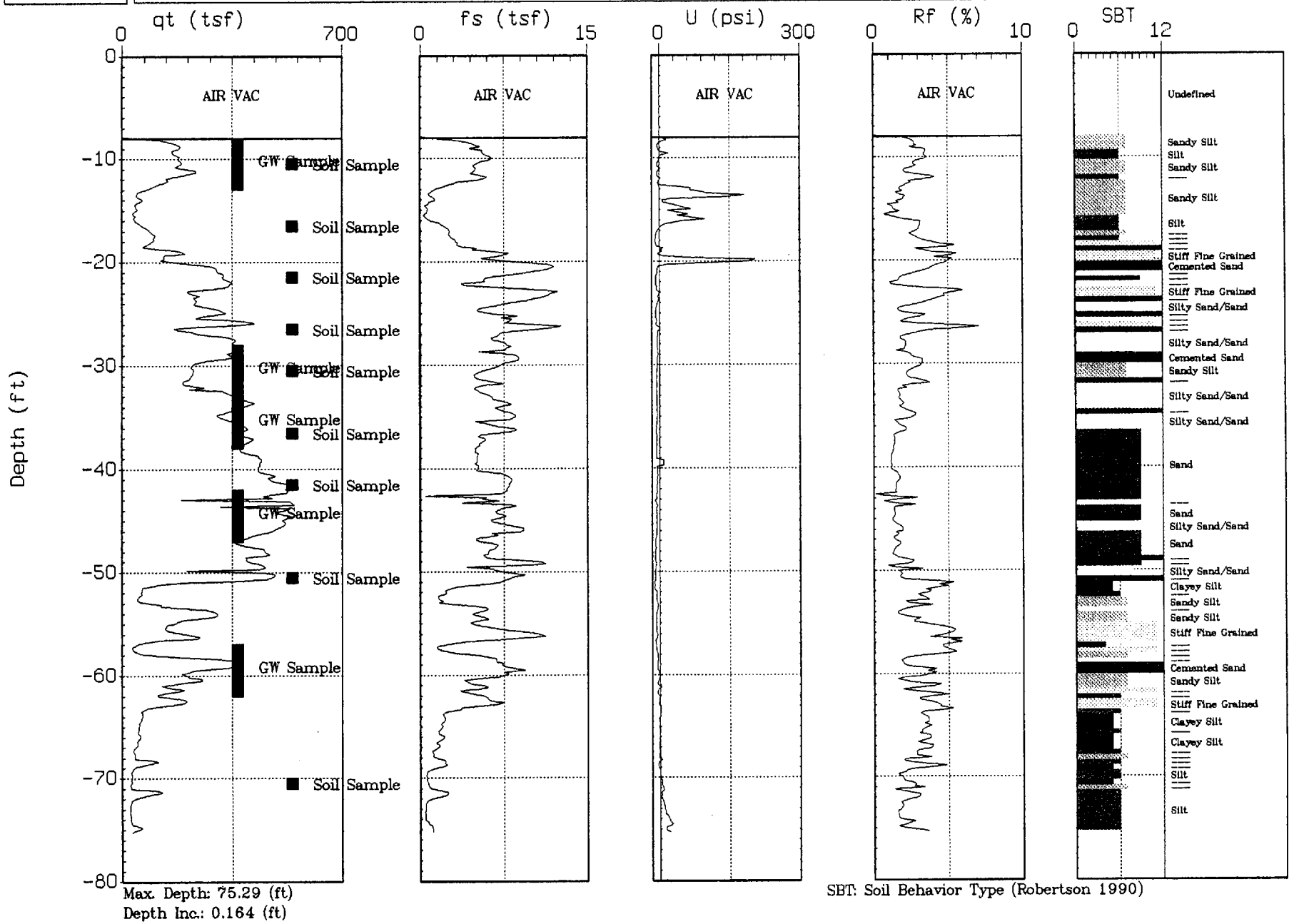
SBT: Soil Behavior Type (Robertson 1990)

GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-05

Geologist: S. OWEN
Date: 10:11:04 10:43



Max. Depth: 75.29 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	B1
JOB/SITE NAME	20-6145	DRILLING STARTED	07-Jun-06
LOCATION	800 Center Street, Oakland, California	DRILLING COMPLETED	12-Jun-06
PROJECT NUMBER	31J-2002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co., C57 #710079	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2 3/4"	SCREENED INTERVALS	NA
LOGGED BY	J. Ortega	DEPTH TO WATER (First Encountered)	12.0 fbg (12-Jun-06)
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA
REMARKS	Hand augered to 8 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			**BASEROCK** : Light gray; 60% poorly-graded, angular gravel (1/2-1" diameter), 15% poorly-graded, fine-grained sand; 15% silt; 10% clay; dry; non-plastic; high estimated permeability.		
							@ 5' - increase in moisture		
0		B1-10		10					Portland Type I/II
								11.5	
							Silty SAND : Grey brown; 85% poorly-graded, fine-grained sand, 15% silt; wet; low estimated plasticity; high estimated permeability. ▽		
76		B1-15		15	SM				
120		B1-17							
92		B1-19.5		20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\206145-1\EXCAVA~1\SOILPR~1\BORING LOGS.GPJ DEFAULT.GDT 10/5/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	B2
JOB/SITE NAME	20-6145	DRILLING STARTED	07-Jun-06
LOCATION	800 Center Street, Oakland, California	DRILLING COMPLETED	12-Jun-06
PROJECT NUMBER	31J-2002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co., C57 #710079	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2 3/4"	SCREENED INTERVALS	NA
LOGGED BY	J. Ortega	DEPTH TO WATER (First Encountered)	13.0 fbg (12-Jun-06)
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA
REMARKS	Hand augered to 8 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							TOPSOIL with grass	0.5	
0		B2-5		5			**Silty SAND** : Dark brown; 85% poorly-graded, fine-grained sand, 15% silt; moist; low estimated plasticity; high estimated permeability.		
							@ 6' - color change to light brown; increase in moisture		
0		B2-9.5		10	SM		@ 11' - color change to gray		Portland Type I/II
							@ 13' - wet ▽		
0		B2-15		15					
0		B2-17							
0		B2-19.5		20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\206145-11\EXCAVA~1\SOILPR~1\BORING LOGS.GPJ DEFAULT.GDT 10/5/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	B3
JOB/SITE NAME	20-6145	DRILLING STARTED	07-Jun-06
LOCATION	800 Center Street, Oakland, California	DRILLING COMPLETED	12-Jun-06
PROJECT NUMBER	31J-2002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co., C57 #710079	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2 3/4"	SCREENED INTERVALS	NA
LOGGED BY	J. Ortega	DEPTH TO WATER (First Encountered)	12.0 fbg (12-Jun-06)
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA
REMARKS	Hand augered to 8 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							TOPSOIL with grass	0.5	
0		B3-5		5			**Silty SAND** : Dark brown; 85% poorly-graded, fine-grained sand, 15% silt; moist; low estimated plasticity; high estimated permeability.		
0		B3-10		10	SM		@ 12' - wet		Portland Type I/II
0		B3-15		15					
0		B3-17							
0		B3-19.5		20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\206145-1\EXCAVA~1\SOIL\PR~1\BORING LOGS.GPJ DEFAULT.GDT 10/5/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	B4
JOB/SITE NAME	20-6145	DRILLING STARTED	07-Jun-06
LOCATION	800 Center Street, Oakland, California	DRILLING COMPLETED	12-Jun-06
PROJECT NUMBER	31J-2002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co., C57 #710079	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2 3/4"	SCREENED INTERVALS	NA
LOGGED BY	J. Ortega	DEPTH TO WATER (First Encountered)	12.0 fbg (12-Jun-06) ▽
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA ▼
REMARKS	Hand augered to 8 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							TOPSOIL with grass	0.5	
0		B4-5		5	SM		**Silty SAND** : Dark brown; 85% poorly-graded, fine-grained sand, 15% silt; moist; low estimated plasticity; high estimated permeability.		
0		B4-9.5		10			@ 12' - wet ▽		◄ Portland Type I/II
0		B4-15		15					
0		B4-17							
0		B4-19.5		20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\206145-1\EXCAVA-1\SOILPR~1\BORING LOGS.GPJ DEFAULT.GDT 10/5/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	B5
JOB/SITE NAME	20-6145	DRILLING STARTED	07-Jun-06
LOCATION	800 Center Street, Oakland, California	DRILLING COMPLETED	12-Jun-06
PROJECT NUMBER	31J-2002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co., C57 #710079	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2 3/4"	SCREENED INTERVALS	NA
LOGGED BY	J. Ortega	DEPTH TO WATER (First Encountered)	12.5 fbg (12-Jun-06) ▽
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA ▼
REMARKS	Hand augered to 8 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	
0		B5-5		5			Silty SAND : Dark brown; 85% poorly-graded, fine-grained sand, 15% silt; moist; low estimated plasticity; high estimated permeability.		
0		B5-0.5		10	SM		@ 10' - color change to gray		Portland Type I/II
							@ 12.5' - wet ▽		
0		B5-14.5		15					
0		B5-17							
1		B5-19.5		20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\2006145-1\EXCAVA~1\SOIL.PR~1\BORING LOGS.GPJ DEFAULT.GDT 10/5/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	B6
JOB/SITE NAME	20-6145	DRILLING STARTED	07-Jun-06
LOCATION	800 Center Street, Oakland, California	DRILLING COMPLETED	12-Jun-06
PROJECT NUMBER	31J-2002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co., C57 #710079	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2 3/4"	SCREENED INTERVALS	NA
LOGGED BY	J. Ortega	DEPTH TO WATER (First Encountered)	12.0 fbg (12-Jun-06)
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA
REMARKS	Hand augered to 8 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							TOPSOIL with grass	0.5	
0		B6-5		5			**Silty SAND** : Dark brown; 85% poorly-graded, fine-grained sand, 15% silt; moist; low estimated plasticity; high estimated permeability.		
1		B6-9.5		10	SM		@ 12' - wet		Portland Type I/II
74		B6-15		15			@ 15' - color chage to gray brown		
1		B6-19.5		20			@ 19' - color change to dark brown	20.0	Bottom of Boring @ 20 fbg

WELL LOG (P:\D): I:\20\6145~1\EXCAVA~1\SOILPR~1\BORING LOGS.GPJ DEFAULT.GDT 10/5/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	B7
JOB/SITE NAME	20-6145	DRILLING STARTED	07-Jun-06
LOCATION	800 Center Street, Oakland, California	DRILLING COMPLETED	12-Jun-06
PROJECT NUMBER	31J-2002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co., C57 #710079	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2 3/4"	SCREENED INTERVALS	NA
LOGGED BY	J. Ortega	DEPTH TO WATER (First Encountered)	12.0 fbg (12-Jun-06) ▽
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA ▼
REMARKS	Hand augered to 8 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							TOPSOIL with grass	0.5	
0		B7-5		5			Silty SAND : Dark brown; 85% poorly-graded, fine-grained sand, 15% silt; moist; low estimated plasticity; high estimated permeability.		
							@ 4' - moist		
0		B7-10		10	SM				Portland Type I/II
							@ 12' - wet ▽		
0		B7-14.5		15					
0		B7-19.5		20				20.0	Bottom of Boring @ 20 fbg

W:\WELL LOG (PID) I:\20\6145~1\EXCAVA~1\SOILPR~1\BORING LOGS.GPJ DEFAULT GDT 10/5/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	B8
JOB/SITE NAME	20-6145	DRILLING STARTED	07-Jun-06
LOCATION	800 Center Street, Oakland, California	DRILLING COMPLETED	12-Jun-06
PROJECT NUMBER	31J-2002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co., C57 #710079	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2 3/4"	SCREENED INTERVALS	NA
LOGGED BY	J. Ortega	DEPTH TO WATER (First Encountered)	13.0 fbg (12-Jun-06)
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA
REMARKS	Hand augered to 8 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							TOPSOIL with grass	0.5	
0		B8-5		5			**Silty SAND** : Dark brown; 85% poorly-graded, fine-grained sand, 15% silt; moist; low estimated plasticity; high estimated permeability.		
							@ 4' - moist		
0		B8-9.5		10	SM				Portland Type I/II
							@ 13' - wet ▽		
0		B8-14.5		15					
0		B8-19.5		20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID): I:\20\6145-11\EXCAVA~1\SOILPR~1\BORING LOGS.GPJ DEFAULT.GDT 10/5/06

Gettler-Ryan, Inc.

Log of Boring G-24

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145I.4CT1*	SURFACE ELEVATION:
DATE STARTED: *01/29/03*	WL (ft. bgs): *13* DATE: *01/29/03* TIME: *07:40*
DATE FINISHED: *01/29/03*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe - Direct Push*	TOTAL DEPTH: *16 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
3			SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - dark brown (7.5YR 3/3), moist, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
6	0	G-24 (5)	SP	POORLY GRADED SAND (SP) - strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	
9		G-24 (8)			
	0	G-24 (10)			
12				▽	
15	1.7	G-24 (15)			
				Bottom of boring at 16 feet bgs.	
18					
21					

JOB NUMBER: *DG26145I.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-25

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145I.4CT1*	SURFACE ELEVATION:
DATE STARTED: *01/29/03*	WL (ft. bgs): *14.5* DATE: *01/29/03* TIME: *08:10*
DATE FINISHED: *01/29/03*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe - Direct Push*	TOTAL DEPTH: *16 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SM	SILTY SAND WITH GRAVEL (SM) - dark brown (7.5YR 3/3), moist, medium dense; 65% fine sand, 20% silt, 15% gravel.	Boring backfilled with neat cement to ground surface.
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - dark brown (7.5YR 3/3), moist, medium dense; 90% fine sand, 10% silt.	
3							
	14.5	G-25 (5)				Color changes to strong brown (7.5YR 5/6).	
6							
9							
	520	G-25 (10)					
12							
						▽	
15	332	G-25 (15)					
						Bottom of boring at 16 feet bgs.	
18							
21							

JOB NUMBER: *DG26145I.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-26

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145I.4CT1*	SURFACE ELEVATION:
DATE STARTED: *01/29/03*	WL (ft. bgs): *12* DATE: *01/29/03* TIME: *08:25*
DATE FINISHED: *01/29/03*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe - Direct Push*	TOTAL DEPTH: *16 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP	POORLY GRADED SAND (SP) - dark brown (7.5YR 3/3), moist, medium dense; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
3						Color changes to dark brown (7.5YR 3/3),	
6	0	G-26 (5)					
9		G-26 (8)					
12	0	G-26 (10)				Color changes to greenish gray (5GY 4/1). ▽	
15	1.7	G-26 (15)					
18						Bottom of boring at 16 feet bgs.	
21							

JOB NUMBER: *DG26145I.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-27

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145I.4CT1*	SURFACE ELEVATION:
DATE STARTED: *01/29/03*	WL (ft. bgs): *13* DATE: *01/29/03* TIME: *08:30*
DATE FINISHED: *01/29/03*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe - Direct Push*	TOTAL DEPTH: *16 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - dark brown (7.5YR 3/3), moist, medium dense; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
3						Color changes to strong brown (7.5YR 5/6).	
6	0	G-27 (5)					
9							
12	35	G-27 (10)					
	135					▽	
15		G-27 (14)					
	300	G-27 (15)				Color changes to greenish gray (5GY 4/1).	
18						Bottom of boring at 16 feet bgs.	
21							

JOB NUMBER: *DG26145I.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-28

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145I.4CT1*	SURFACE ELEVATION:
DATE STARTED: *01/29/03*	WL (ft. bgs): *13* DATE: *01/29/03* TIME: *09:05*
DATE FINISHED: *01/29/03*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe - Direct Push*	TOTAL DEPTH: *16 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
3					SP	POORLY GRADED SAND (SP) - strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
6	0	G-28 (5)					
9							
12	90	G-28 (10)			SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), wet, dense; 90% fine to medium sand, 10% silt. ▽	
15	150	G-28 (15)					
18						Bottom of boring at 16 feet bgs.	
21							

Gettler-Ryan, Inc.

Log of Boring G-29

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145I.4CT1*	SURFACE ELEVATION:
DATE STARTED: *01/29/03*	WL (ft. bgs): *12.5* DATE: *01/29/03* TIME: *09:45*
DATE FINISHED: *01/29/03*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe - Direct Push*	TOTAL DEPTH: *16 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
3					SP	POORLY GRADED SAND (SP) - strong brown (7.5YR 5/6). moist, medium dense; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
6	0	G-29 (5)					
9							
12	119	G-29 (10)			SW	WELL-GRADED SAND (SW) - strong brown (7.5YR 5/6). moist, dense; 95% fine to coarse sand, 5% silt.	
					SP	POORLY GRADED SAND (SP) - strong brown (7.5YR 5/6), wet, dense; 95% fine sand, 5% silt.	
15	289	G-29 (15)					
						Bottom of boring at 16 feet bgs.	
18							
21							

JOB NUMBER: *DG26145I.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-30

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145I.4CT1*	SURFACE ELEVATION:
DATE STARTED: *01/29/03*	WL (ft. bgs): *14* DATE: *01/29/03* TIME: *09:55*
DATE FINISHED: *01/29/03*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe - Direct Push*	TOTAL DEPTH: *16 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP	POORLY GRADED SAND (SP) - strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
3						Trace gravel.	
6	0	G-30 (5)					
	71						
9							
	280	G-30 (10)					
12					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), moist, dense; 90% fine to medium sand, 10% silt.	
						▽	
15	350	G-30 (15)				Color changes to greenish gray (5GY 4/1).	
						Bottom of boring at 16 feet bgs.	
18							
21							

Gettler-Ryan, Inc.

Log of Boring G-1

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Asphalt – 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	31	G-1 (5)					Hand augered to 5 feet bgs.
6					SM	SILTY SAND (SM) – dark grayish brown (10YR 4/2), moist, dense; 75% fine sand, 25% silt.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), moist, medium dense; 90% fine sand, 10% silt.	
8							
10	256	G-1 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-2

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CTI*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *03/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP	Asphalt – 2 inches thick.	
						POORLY GRADED SAND (SP) – strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	39	G-2 (5)				Color changes to grayish brown (10YR 5/2).	Hand augered to 5 feet bgs.
6						Color changes to strong brown (7.5YR 5/6).	
8							
10	175	G-2 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CTI*

Gettler-Ryan, Inc.

Log of Boring G-3

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Asphalt - 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	16	G-3 (5)					Hand augered to 5 feet bgs.
6						Color changes to dark greenish gray (Gley 1, 4/5GY),	
					SM	SILTY SAND (SM) - reddish brown (5YR 4/4), moist, medium dense; 75% fine sand, 25% silt.	
8							
10							
	38	G-3 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-4

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Asphalt – 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	10	G-4 (5)					Hand augered to 5 feet bgs.
6						Color changes to dark greenish gray (Gley 1, 4/5GY).	
					SM	SILTY SAND (SM) – reddish brown (5YR 4/4), moist, medium dense; 75% fine sand, 25% silt.	
8							
10	278	G-4 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-5

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
					SP-SM	Asphalt – 2 inches thick.	
						POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	12	G-5 (5)					Hand augered to 5 feet bgs.
6							
8							
10	291	G-5 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-6

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
					SP-SM	Asphalt - 2 inches thick.	
						POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	100	G-6 (5)					Hand augered to 6 feet bgs.
6							
8							
10	>1000	G-6 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-7

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt - 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	24	G-7 (5)					Hand augered to 5 feet bgs.
6							
					SM	SILTY SAND (SM) - dark brown (7.5YR 3/3), moist, medium dense; 60% fine sand, 30% silt.	
8							
10							
	357	G-7 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-8

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SM	SILTY SAND (SM) – brown (7.5YR 5/3), moist, loose; 75% fine sand, 25% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – dark brown (7.5YR 3/3), moist, medium dense; 90% fine sand, 10% silt, trace gravel.	Hand augered to 5 feet bgs.
6		G-8 (5)					
	36.1						
8							
10	>1000	G-8 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-9

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SM	Asphalt – 2 inches thick.	
						SILTY SAND (SM) – grayish brown (10YR 5/2), moist, loose; 80% fine sand, 20% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
		G-9 (5)					Hand augered to 5 feet bgs.
6					ML	SILT (ML) – dark brown (7.5YR 3/3), moist, medium stiff; 90% silt, 10% fine sand, trace gravel.	
	379						
8					SP	POORLY GRADED SAND (SP) – strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	
10	>1000	G-9 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-10

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
6	157	G-10 (5)					
8							
10	398	G-10 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-11

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP	POORLY GRADED SAND (SP) – dark brown (7.5YR 3/3), moist, medium dense; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-11 (5)				Color changes to strong brown (7.5YR 5/6).	
6	154						
8					SW	WELL-GRADED SAND (SW) – dark brown (7.5YR 3/3), moist, medium dense; 95% sand, 5% silt.	
10	283	G-11 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-12

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

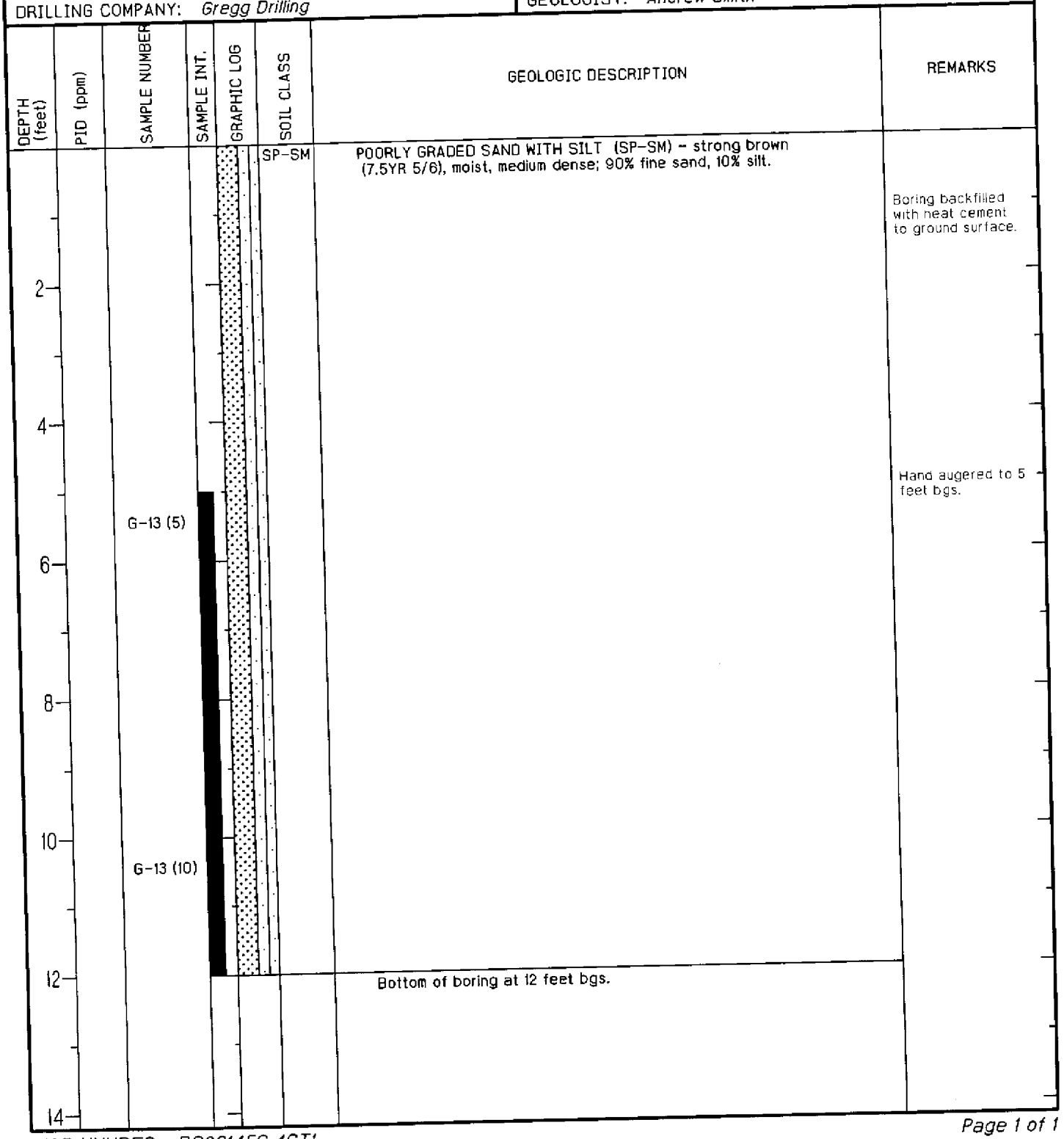
DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), moist, medium dense; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-12 (5)					
6							
8							
10		G-12 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-13

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*



JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-14

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-14 (5)					
6						Color changes to dark brown (7.5YR 3/3),	
8							
10		G-14 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-15

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Grass, top soil, debirs and trace brick.	
2					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - dark brown (7.5YR 3/3), moist, medium dense; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
4						Color changes to light olive brown (2.5Y 4/3).	Hand augered to 5 feet bgs.
6		G-15 (5)					
8					SM	SILTY SAND (SM) - dark brown (7.5YR 3/3), moist, medium dense; 75% fine sand, 25% silt.	
10		G-15 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-16

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-16 (5)					
6							
8							
10		G-16 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

Gettler-Ryan, Inc.

Log of Boring G-17

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4						Includes brick fragments.	Hand augered to 5 feet bgs.
6		G-17 (5)					
8							
10	>1000	G-17 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-18

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

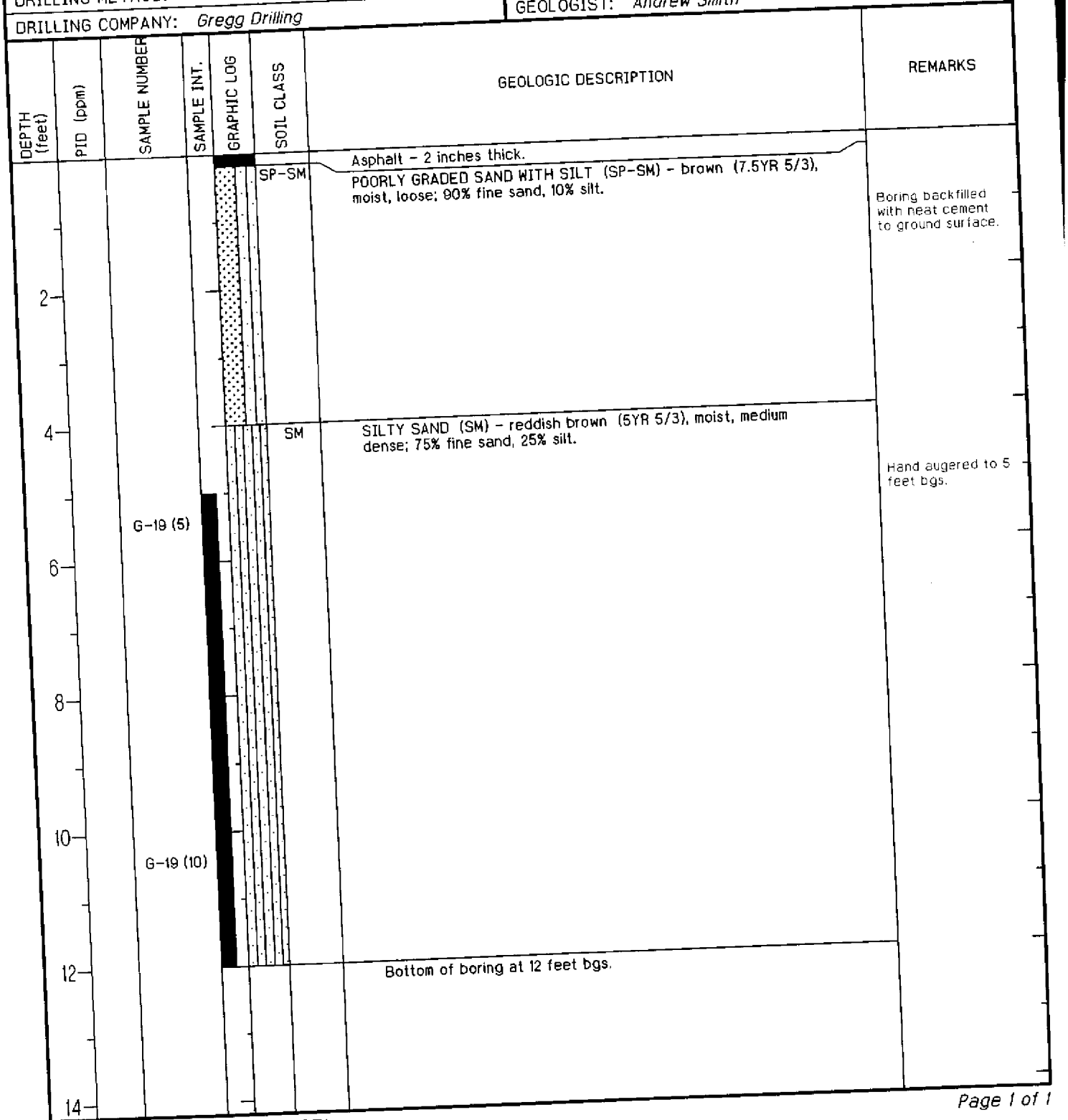
DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-18 (5)					
6						Color changes to olive brown (2.5Y 4/3),	
8						Color changes to strong brown (7.5YR 5/6),	
10		G-18 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-19

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*



JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-20

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *03/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Asphalt – 2 inches thick.	
					SP	POORLY GRADED SAND (SP) – dark brown (7.5YR 3/3), moist, loose; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-20 (5)				Color changes to olive brown (2.5Y 4/3).	
6						Color changes to dark brown (7.5YR 3/3).	
8							
	>1000						
10		G-20 (10)					
12						Bottom of boring at 12 feet bgs.	

Gettler-Ryan, Inc.

Log of Boring G-21

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *03/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP	POORLY GRADED SAND (SP) – strong brown (7.5YR 5/6), moist, medium dense; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-21 (5)					
6							
8							
10		G-21 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-22

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CTI*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *11 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Top soil.	Boring backfilled with neat cement to ground surface. Hand augered to 1 feet bgs.
2		G-22 (3.5)			SP-SM	SAND WITH SILT (SP-SM) – dark brown (7.5YR 3/3), moist, loose; 90% fine sand, 10% silt.	
4		G-22 (5)			SP	POORLY GRADED SAND (SP) – strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	
6							
8	18	G-22 (7.5)				Color changes to olive brown (2.5Y 4/3).	
10		G-22 (10)				Bottom of boring at 11 feet bgs.	
12							

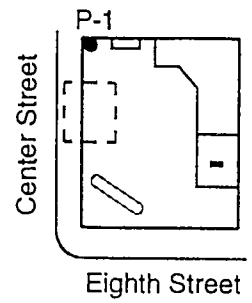
Gettler-Ryan, Inc.

Log of Boring G-23

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *11 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Top soil.	Boring backfilled with neat cement to ground surface. Hand augered to 1 feet bgs.
2		G-23 (3.5)			SM	SILTY SAND (SM) – grayish brown (10YR 5/2), moist, loose; 75% fine sand, 25% silt.	
4		G-23 (5)				Color changes to dark brown (7.5YR 3/3), becomes medium dense; 70% fine sand, 30% silt.	
6							
8		G-23 (7.5)			SP	POORLY GRADED SAND (SP) – strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt. Color changes to olive brown (2.5Y 4/3).	
10		G-23 (10)				Bottom of boring at 11 feet bgs.	
12							
14							

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

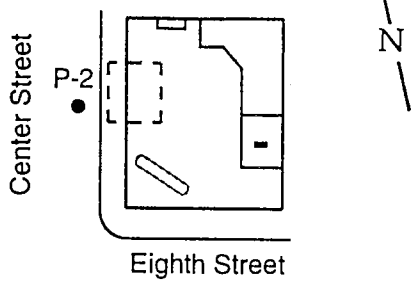
BORING NO. P-1
PAGE 1 OF 1

PROJECT NO. 320-162.1A
LOGGED BY: D.A.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
WELL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 3-22-96
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 18'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout		0		2				SP	FILL SAND: dark brown; 10% fines; 90% fine sand; medium dense; no product odor.
		0		4				SM	SILTY SAND: yellowish brown; 10% clay; 35% silt; 55% fine sand; rootlets; no product odor.
		3,722		6				CL	SILTY CLAY: dark brown with dark gray staining along rootholes; caliche; 60% clay; 25% silt; 15% fine sand; strong product odor.
		1,217		8				SM	SILTY SAND: dark yellowish brown; 25% silt; 75% fine sand; moderate to strong product odor.
		272		10					@16': as above; faint to moderate product odor.
		0		12					@18': as above; no product odor.
				14					BOTTOM OF BORING AT 18'
				16					
				18					
				20					
				22					
				24					
				26					
				28					
				30					
				32					
				34					
				36					
				38					
				40					
				42					
				44					

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

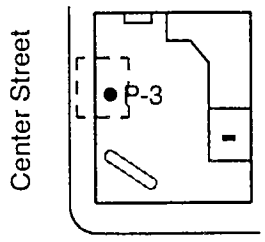
BORING NO. P-2
PAGE 1 OF 1

PROJECT NO. 320-162.1A
LOGGED BY: D.A.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
WELL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 3-22-96
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 12'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Mst	0		2			SM	ASPHALT FILL SILTY SAND: dark brown; 25% silt; 75% fine sand; trace medium sand; no product odor.
	Wt	3,770		6				@6': as above; strong product odor.
				8				@8': 35% silt; 65% fine sand; trace medium sand; moderate product odor.
	Wt	922		12				@12': as above; 10% clay; 35% silt; 60% fine sand; moderate product odor.
				14				BOTTOM OF BORING AT 12'
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

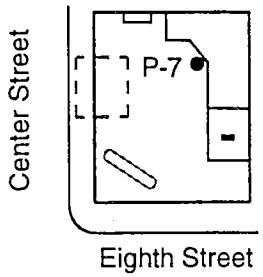
BORING NO. P-3
PAGE 1 OF 1

PROJECT NO. 320-162.1A
LOGGED BY: D.A.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
WELL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 3-22-96
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 20'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Mst	0		2				SM	TANK BACKFILL: natural material. SILTY SAND - FILL: no product odor.
	Wt-Sat	3,217		4					
				6					@6': as above; moderate product odor.
				8					@8': as above; strong product odor.
	Wt	2,375		10				SM	SILTY SAND: dark olive gray; 30% silt; 70% fine sand; hydrocarbon staining; strong product odor.
				12					
				14				SC	CLAYEY SAND: light brown; 30% clay; trace silt; 70% fine sand; saturated rootholes; moderate product odor.
	Mst	1,087		16					
		527		18					
	Mst	0		20					@19': as above; no product odor.
				22					BOTTOM OF BORING AT 20'
				24					
				26					
				28					
				30					
				32					
				34					
				36					
				38					
				40					
				42					
				44					

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-7
PAGE 1 OF 1

PROJECT NO. 320-162.1A
LOGGED BY: D.A.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
WELL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 3-22-96
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 16'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL / GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Mst	32		2, 4		SM	TANK BACKFILL: natural material. SILTY SAND: reddish brown; iron oxide staining; trace clay; 25% silt; 75% fine sand; trace medium sand; massive; no to faint product odor.
				6			@6': as above; faint product odor.
	Wt	157		8			
				10			@10': 35% silt; 65% fine to very fine sand; moderate product odor.
	Wt	1,127		12			
				14			@14': as above; moderate product odor.
	Sat	971		16			@16': 10% clay; 25% silt; 65% fine sand; trace medium sand; moerate product odor.
				18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44			BOTTOM OF BORING AT 16'

Drilling Log

GROUNDWATER TECHNOLOGY

Soil Boring SB-1

Project Signal S0800 Owner CHV/USA

Location 800 Center St. Project No. 020200105 Date drilled 10/17/95

Surface Elev. -- ft. Total Hole Depth 11.5 ft. Diameter 6.25 in.

Top of Casing -- ft. Water Level Initial 10.0 ft. Static -- ft.

Screen: Dia -- in. Length -- ft. Type/Size -- in.

Casing: Dia -- in. Length -- ft. Type --

Filter Pack Material Neat cement Rig/Core Type CME 55/Splitspoon

Drilling Company Bay Area Explor. Method Hollow Stem Auger Permit # 65664

Driller Tim Dunn Log By Terry James

Checked By E K Simonis License No. R.G. 4422

See Site Map For Boring Location

COMMENTS:

Depth (ft.)	PID (ppm)	Sample ID / Blow Count / % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2					
0					Thin Asphalt
2				Fill	Silty SAND with rubbish, brick fragments
4					
6	406	SB1/5 2 4 9		SM	Clayey, silty, very fine SAND (10,30,60): olive, damp, loose, strong hydrocarbon odor.
8					
10	781	SB1/10 7 16 21		SW	Fine SAND: red-brown, wet, loose, strong hydrocarbon odor. ▽ *Groundwater encountered during drilling*
12					End of boring. (All percentages are approximate.)
14					
16					
18					
20					
22					
24					

Drilling Log

GROUNDWATER TECHNOLOGY

Soil Boring SB-2

Project Signal S0800 Owner CHV/USA
Location 800 Center St. Project No. 020200105 Date drilled 10/17/95
Surface Elev. ____ Total Hole Depth 11.5 ft. Diameter 6.25 in.
Top of Casing ____ Water Level Initial 10.0 ft. Static -- ft.
Screen: Dia -- in. Length -- ft. Type/Size -- in.
Casing: Dia -- in. Length -- ft. Type --
Filter Pack Material Neat cement Rig/Core Type CME 55/Splitspoon
Drilling Company Bay Area Explor. Method Hollow Stem Auger Permit # 65664
Driller Tim Dunn Log By Terry James
Checked By E K Simonis License No. R.G. 4422

See Site Map For Boring Location

COMMENTS:

Depth (ft.)	PID (ppm)	Sample ID / Blow Count / % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
0					Thin Asphalt
6	641	SB2/5 8 15 16		SM	Clayey, silty, very fine SAND (10,30,60): mottled yellow-brown/ green-gray, dry, medium dense, strong hydrocarbon odor, trace root stems.
10	800	SB2/10 8 15 21		SW	*Groundwater encountered during drilling* Fine SAND: brown, wet, loose, strong hydrocarbon odor.
12					End of boring. (All percentages are approximate.)

Drilling Log

GROUNDWATER TECHNOLOGY

Soil Boring SB-3

Project Signal S0800 Owner CHV/USA

Location 800 Center St. Project No. 020200105 Date drilled 10/18/95

Surface Elev. ____ Total Hole Depth 10.5 ft. Diameter 4.25 in.

Top of Casing ____ Water Level Initial -- ft. Static -- ft.

Screen: Dia -- in. Length -- ft. Type/Size -- in.

Casing: Dia -- in. Length -- ft. Type --

Filter Pack Material Neat cement Rig/Core Type Hand Auger/ Impact Sampler

Drilling Company GTI Method Hand Auger Permit # 65664

Driller Terry James Log By Terry James

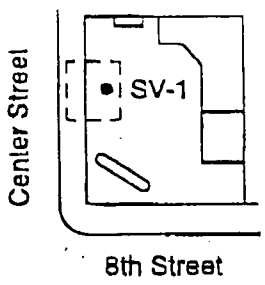
Checked By E K Simonis License No. R.G. 4422

See Site Map For Boring Location

COMMENTS:

Depth (ft.)	PID (ppm)	Sample ID Blow Count/ % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
0					Thin Asphalt
4	3	SB3/5		SM	Silty, very fine SAND (40,60), light brown, dry, no hydrocarbon odor.
8					Fine SAND:brown, moist, loose, faint hydrocarbon odor.
10	17	SB3/10		SW	End of boring. (All percentages are approximate.)

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

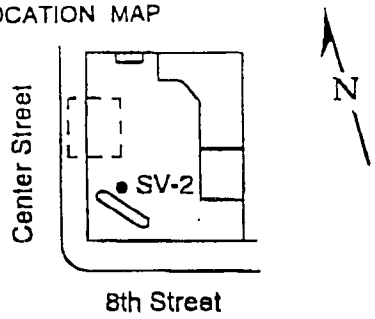
BORING NO. SV-1
PAGE 1 OF 1

PROJECT NO. 320-162.1C
LOGGED BY: T.F.B.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
SAND PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 5-30-97
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 12'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				1–7			SM	ASPHALT; TANK BACKFILL SILTY SAND: dark brown; 35% fines; 65% fine sand; faint product odor.
	Dry	20		3				
	Mst	high		8			CL	SANDY CLAY: dark brown;70% fines; 30% fine sand; strong product odor.
				9			SM	SILTY SAND: dark brown; 30% fines; 70% fine sand; strong product odor.
	Wt	high		12				@12': dark brown.
								BOTTOM OF BORING AT 12'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

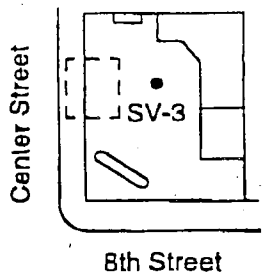
BORING NO. SV-2
PAGE 1 OF 1

PROJECT NO. 320-162.1C
LOGGED BY: T.F.B.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
SAND PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 5-30-97
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 10.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dry	50		1–10			ML	ASPHALT SANDY SILT: dark brown; 65% fines; 35% fine sand; faint product odor.
	Mst							@6': as above; gray mottling; moderate product odor.
	Wt							@9': as above; some gray and yellow mottling; strong product odor.
				11–22				BOTTOM OF BORING AT 10.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

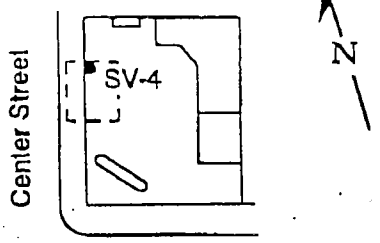
BORING NO. SV-3
PAGE 1 OF 1

PROJECT NO. 320-162.1C
LOGGED BY: T.F.B.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
SAND PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 5-30-97
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 10'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dry	10		1–3				SM	ASPHALT SILTY SAND: dark brown; 35% fines; 65% fine sand; faint product odor.
	Wt			6					@6': as above; dark brown; 40% fines; 60% fine sand.
	Wt			9					@9': as above; dark brown; 45% fines; 55% fine sand; strong product odor.
				10					BOTTOM OF BORING AT 10'
				11–22					

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

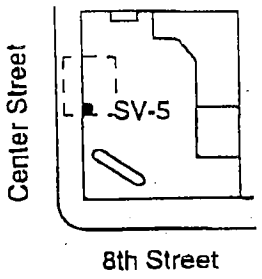
BORING NO. SV-4
PAGE 1 OF 1

PROJECT NO. 320-162.1C
LOGGED BY: T.F.B.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
SAND PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 5-30-97
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 9.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				1				SM	ASPHALT; TANK BACKFILL SILTY SAND: dark brown; 30% fines; 70% fine sand; faint product odor.
	Dry	30		3					
	Mst	High		6					@6': as above; dark brown; 30% fines; 70% fine sand; moderate product odor.
	Wt	High		9					@9': as above; 35% fines; 65% fine sand; strong product odor.
				10					BOTTOM OF BORING AT 9.5'
				11					
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. SV-5
PAGE 1 OF 1

PROJECT NO. 320-162.1C
LOGGED BY: T.F.B.
DRILLER: VIRONEX
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
SAND PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 5-30-97
LOCATION: 800 Center Street
HOLE DIAMETER: 2"
HOLE DEPTH: 9.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				1			ML	ASPHALT SANDY SILT: dark brown; 65% fines; 35% fine sand; slight product odor.
	Dp	40		3				
	Wt	High		6				@6': as above; 70% fines; 30% fine sand; strong product odor.
	Wt	High		9				@9': as above; strong product odor.
								BOTTOM OF BORING AT 9.5'

LOG OF TEST BORING 1

EQUIPMENT 8" Hollow Stem Auger
DATE DRILLED 8/18/89
ELEVATION --

LABORATORY TESTS TVH (ppm)	TEH (ppm)	OVA (ppm)	DEPTH (FT)	SAMPLE	BLOWS PER FOOT	
		0	0		20	BROWN CLAYEY SILTY (ML) stiff, dry, contains metal fragments
		16			17	BROWN SILTY SAND (SM) loose, moist (fill)
		95			10	
		OR	5		8	GRAY-GREEN SILTY SAND (SM) medium dense, moist
		OR			19	
					26	
2100	6800	OR	10		23	GROUNDWATER LEVEL DURING DRILLING
					23	
		OR			17	becomes clayey
2400	NT	OR	15		11	
		OR			10	
		OR			24	BROWN CLAYEY SAND (SC) medium dense, wet
		423	20		22	BROWN SILTY SAND (SM) dense, wet
		336			65	
		43			57	
		36			56	
			25		51	
			30			
			35			
			40			

TEH = Total Extractable Hydrocarbons
TVH = Total Volatile Hydrocarbons
TOG = Total Oil and Grease
NT = Not Tested
ND = Not Detected
OVA = Organic Vapor Analyzer
OR = Over Range (> 2000 ppm)

SAMPLER TYPE:
CALIFORNIA DRIVE
O.D.: 2.5 inches
I.D.: 2.0 inches

HAMMER WEIGHT: 140 pounds
HAMMER DROP: 30 inches

Subsurface Consultants

CENTER STREET, OAKLAND, CA

JOB NUMBER	DATE	APPROVED
272.012	9/18/89	

PLATE 2

LOG OF TEST BORING 2

EQUIPMENT 8" Hollow Stem Auger
DATE DRILLED 8/18/89
ELEVATION --

LABORATORY TESTS TVH (ppm)	LABORATORY TESTS TEH (ppm)	OVA (ppm)	DEPTH (FT)	SAMPLE	BLOWS PER FOOT	
		45	0		7	BROWN CLAYEY SILT (ML) medium stiff, dry, contains brick fragments (fill)
		700			5	DARK BROWN SILTY SAND (SM) loose, moist, (fill)
		500			6	
		OR	5		8	GRAY-GREEN SILTY SAND (SM) medium dense, moist (fill)
4100	14000				26	
		OR			34	
		OR	10		35	
31000	NT				30	BROWN SILTY SAND (SM) medium dense, wet
		OR			17	
		OR			10	
			15			
		400			10	thin layer of black oily material at 16 feet
						BROWN GRAY SAND (SP) dense, wet
		310	20		64	
			25			
		43			87	
			30			
			35			
			40			

Subsurface Consultants

CENTER STREET, OAKLAND, CA

JOB NUMBER	DATE	APPROVED
272.012	9/18/89	

PLATE 3

LOG OF TEST BORING 3

EQUIPMENT 8" Hollow Stem Auger
DATE DRILLED 8/18/89
ELEVATION --

LABORATORY TESTS TVH (ppm)	TEH (ppm)	TOG (ppm)	OVA (ppm)	DEPTH (FT)	SAMPLE	BLOWS PER FOOT	
				0			CONCRETE - 6" thick BRICK BROWN SILTY SAND (SM) loose, moist, brick and concrete fragments (fill)
			7.2			2	
		ND				4	
			3.5	5		6	
			350			14	
			250			26	REDDISH-BROWN CLAYEY SAND (SC) medium dense, moist
			OR			38	
			OR	10		34	
100	ND		OR			28	
950	220		OR	▼			GROUNDWATER LEVEL ENCOUNTERED DURING DRILLING 8/18/89
			OR			21	
			54	15		16	
						10	BROWN CLAYEY SAND (SC) medium dense, wet
				20		58	
			47				BROWN SILTY SAND (SM) dense, wet
				25		66	
			0				
				30			
				35			
				40			

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	JOB NUMBER	DATE	APPROVED	4
	272.012	9/18/89		

LOG OF TEST BORING 4

EQUIPMENT 8" Hollow Stem Auger
DATE DRILLED 8/18/89
ELEVATION --

LABORATORY TESTS TVH (ppm)	TEH (ppm)	OVA (ppm)	DEPTH (FT)	SAMPLE	BLOWS PER FOOT	
			0			ASPHALT - 2" thick BASE ROCK - 1" thick
		14			9	BROWN SILTY SAND (SM) loose, moist (fill)
		750			10	
		43	5		19	REDDISH BROWN SILTY SAND (SM) medium dense, moist
5400	5100	OR			33	
		OR			29	
		OR	10		33	free product noted
5800	NT	OR			35	
					19	GROUNDWATER LEVEL ENCOUNTERED DURING DRILLING 8/18/89
		OR			22	
		OR	15		12	RED BROWN CLAYEY SAND (SC) medium dense, wet
		420			30	
			20			
		65			49	
			25			
			30			
			35			
			40			

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CENTER STREET, OAKLAND, CA

JOB NUMBER	DATE	APPROVED
272.012	9/18/89	

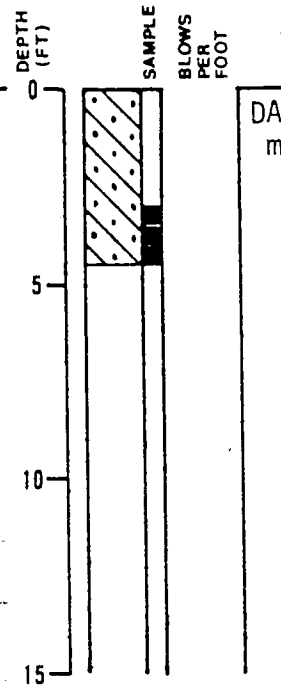
PLATE 5

LOG OF TEST BORING 5

EQUIPMENT Hand Sampler

DATE DRILLED 8/18/89

ELEVATION --



LABORATORY TESTS TOG (ppm)	
16000	DARK CLAYEY SAND (SC) medium dense, moist

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CENTER STREET, OAKLAND, CA

JOB NUMBER 272.012 | DATE | APPROVED

PLATE 6

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Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-10
JOB/SITE NAME	20-6145	**DRILLING STARTED**	10-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	10-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	55 to 60 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	13.0 ft (09-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	9.64 ft (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				5			**FILL**		
							SAND with Silt: Red-brown; loose; 90% fine-grained, poorly graded sand; 10% silt; moist; non-plastic; moderate estimated permeability.	8.0	
				10					
					SP		At 13.5 fbg addition of gravel to 10%, decrease in sand to 80%.		
				15					
								19.5	
				20			**SAND**: Brown; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; low estimated plasticity; moderate estimated permeability.		
				25	SP				Portland Type I/II
				30				30.0	
				35					

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-10
JOB/SITE NAME	20-6145	**DRILLING STARTED**	10-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	10-Apr-07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
1	50 50 50	MW-10-S-41.5		40			At 39.5 fbg increase in dark detritus		
0	50 50 55	MW-10-S-44.5		45	SP				
1	50 50 50	MW-10-S-49.5		50					Bentonite Seal
0	33 50 50	MW-10-S-54.5		55			At 53.5 fbg color change to grey		Monterey Sand #2/12
0	23 50 55	MW-10-S-59.5		60	SM		**Silty SAND** Grey; very dense; 85% fine-grained, poorly graded sand; 15% silt; wet; non-plastic; moderate estimated permeability.	59.5 60.0	2"-diam., 0.010" Slotted Schedule 40 PVC Bottom of Boring @ 60 ft

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-11
JOB/SITE NAME	20-6145	**DRILLING STARTED**	09-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	09-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	35 to 40 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	14.0 ft (09-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	8.80 ft (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				0			**SAND**: Red-brown; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
				5					
26	19 16 23	MW-11-S-9.5		10					
1	6 12 16	MW-11-S-14.5		15	SP		At 14.5 fbg color change to grey		Portland Type I/II
0	9 8 15	MW-11-S-19.5		20					
0	21 50 50	MW-11-S-24.5		25					
0	31 50 50	MW-11-S-29.5		30				30.0	Bentonite Seal
	42 50 55			35					Monterey Sand #2/12

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-11
JOB/SITE NAME	20-6145	**DRILLING STARTED**	09-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	09-Apr-07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
0		MW-11-S-34.5			SP		At 34.5 fbg color change to red-brown		
	31								2"-diam., 0.010" Slotted Schedule 40 PVC
	54								
0	56	MW-11-S-39.5		40			At 39.5 fbg increase in dark detritus	40.0	
									Bottom of Boring @ 40 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-12
JOB/SITE NAME	20-6145	**DRILLING STARTED**	10-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	10-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	55 to 60 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	14.0 ft (10-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	5.58 ft (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				0			**SAND**: Red-brown; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
				5					
				10					
				15	SP		At 14.5 fbg color change to grey		
				20					
				25					Portland Type I/II
				30				30.0	
				35					

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-12
JOB/SITE NAME	20-6145	**DRILLING STARTED**	10-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	10-Apr-07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							At 34.5 fbg color change to red-brown		
12	40 50 55	MW-12-S-39.5		40			At 39 fbg increase in dark detritus		
1	25 50 54	MW-12-S-44.5		45	SP				
0	56 40 44	MW-12-S-49.5		50					
0	25 50 55	MW-12-S-54.5		55			At 54 fbg color change to dark grey		
0	17 50 54	MW-12-S-59.5		60				60.0	Bentonite Seal Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC Bottom of Boring @ 60 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-13
JOB/SITE NAME	20-6145	**DRILLING STARTED**	11-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	11-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	35 to 40 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	15.0 ft (11-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	8.97 ft (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				0			**FILL**		
				5					
								8.5	
				10			**SAND**: Red-brown; loose; 95% fine-grained, poorly sorted sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
				15			At 15 fbg color change to grey		Portland Type I/II
				20	SP				
				25					
				30				30.0	Bentonite Seal
				35					Monterey Sand #2/12

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-13
JOB/SITE NAME	20-6145	**DRILLING STARTED**	11-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	11-Apr-07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
					SP				2"-diam., 0.010" Slotted Schedule 40 PVC
				40			At 39.5 fbg increase in dark detritus	40.0	Bottom of Boring @ 40 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-14
JOB/SITE NAME	20-6145	**DRILLING STARTED**	11-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	11-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	55 to 60 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	15.0 ft (11-Apr-07) ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	10.42 ft (20-Apr-07) ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (ft bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
			0		**FILL**		
	7 5 11	MW-14-S-9	10		**SAND**: Red-brown; loose; 95% fine-grained, poorly sorted sand; 5% silt; moist; non-plastic; moderate estimated permeability. ▼	8.5	
157	8 8 13	MW-14-S-14.5	15		At 15 fbg color change to grey ▽		
11	5 21 40	MW-14-S-19.5	20	SP			
6	11 30 34	MW-14-S-24.5	25				Portland Type I/II
10	8 12 42	MW-14-S-29.5	30			30.0	
	5 6 15		35				

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-14
JOB/SITE NAME	20-6145	**DRILLING STARTED**	11-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	11-Apr-07

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
35		MW-14-S-34.5							
	16 35 50								
0		MW-14-S-39.5		40	SP		At 39.5 fbg increase in dark detritus		
	30 50 50	MW-14-S-44.5		45					
	18 50 54	MW-14-S-49.5		50			At 53.5 fbg color change to greenish-grey		
	13 23 40	MW-14-S-54.5		55	ML		**Clayey SILT** Dark-brown with red-brown mottling; hard; 55% silt; 45% clay; moist; high estimated plasticity; low estimated permeability. At 55 fbg increase in silt and fine-grained sand, decrease in clay.	54.5	Bentonite Seal Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC
	15 50 50							59.5	
18		MW-14-S-59.5		60	SP		**SAND**: Greenish-grey; very dense; 100% fine-grained, poorly graded sand; wet; non-plastic; moderate estimated permeability.	60.0	Bottom of Boring @ 60 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-15
JOB/SITE NAME	20-6145	**DRILLING STARTED**	12-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	12-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	35 to 40 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	14.0 ft (12-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	8.60 ft (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				5			**SAND**: Red-brown; medium dense to dense; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
				10					
				15	SP				Portland Type I/II
				20			At 20 fbg color change to dark red-brown		
				25					
				30				30.0	Bentonite Seal
				35					Monterey Sand #2/12

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-15
JOB/SITE NAME	20-6145	**DRILLING STARTED**	12-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	12-Apr-07

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
					SP				2"-diam., 0.010" Slotted Schedule 40 PVC
				40				40.0	Bottom of Boring @ 40 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-16
JOB/SITE NAME	20-6145	**DRILLING STARTED**	12-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	12-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	55 to 60 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	14.0 ft (12-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	9.82 ft (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				0			**SAND**: Red-brown; medium dense to dense; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
				5					
				10					
				15	SP				
				20			At 20 fbg color change to dark red-brown		
				25					Portland Type I/II
				30				30.0	
				35					

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-16
JOB/SITE NAME	20-6145	**DRILLING STARTED**	12-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	12-Apr-07

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				40	SP		At 40 fbg increasing dark detritus		
				45					
				50					Bentonite Seal
					CL		**Silty CLAY**: Dark brown; moist; hard; 60% clay; 40% silt; high plasticity; low estimated permeability.	54.0	
				55			**SAND**: Dark grey; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; non-plastic; moderate estimated permeability.	54.5	Monterey Sand #2/12
					SP				2"-diam., 0.010" Slotted Schedule 40 PVC
					CL		**Silty CLAY**: Dark grey; hard; 65% clay; 30% silt; 5% sand; moist; high plasticity; low estimated permeability.	59.5 60.0	
				60					Bottom of Boring @ 60 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-17
JOB/SITE NAME	20-6145	**DRILLING STARTED**	13-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	13-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	70 to 75 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	14.0 ft (13-Apr-07) ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	19.50 ft (20-Apr-07) ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				0			**SAND**: Red-brown; medium dense to dense; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
				5					
1334	16 17 24	MW-17-S-9.5		10					
10	7 9 12	MW-17-S-14.5		15	SP				
18	6 13 18	MW-17-S-19.5		20			At 20 fbg color change to dark red-brown		
3	10 12 26	MW-17-S-24.5		25					
2	15 26 50	MW-17-S-29.5		30				30.0	
	16 50 50			35					Portland Type I/II

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-17
JOB/SITE NAME	20-6145	**DRILLING STARTED**	13-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	13-Apr-07

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
0		MW-17-S-34.5							
	15 50 50								
1		MW-17-S-39.5		40			At 40 fbg increasing dark detritus		
					SP				
	17 50 50								
10		MW-17-S-44.5		45					
	50 50 55								
1		MW-17-S-49.5		50					
	22 50 50				CL			54.0	
2		MW-17-S-54.5		55			**Silty CLAY**: Dark brown; moist; hard; 60% clay; 40% silt; high plasticity; low estimated permeability.	54.5	
					SP		**SAND**: Dark grey; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; non-plastic; moderate estimated permeability.		
	30 27 50								
1		MW-17-S-59.5		60	CL			59.5	
							Silty CLAY: Dark grey; hard; 65% clay; 30% silt; 5% sand; moist; high plasticity; low estimated permeability.	60.0	
					SP		**SAND**: Dark grey; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; non-plastic; moderate estimated permeability.		
	15 30 35								
0		MW-17-S-64.5		65	CL		At 64 fbg color change to brown	64.5	
							Silty CLAY: Dark grey; hard; 65% clay; 30% silt; 5% sand; moist; high plasticity; low estimated permeability.	65.0	
							SAND: Dark grey; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; non-plastic; moderate estimated permeability.		
	13 13 25								
0		MW-17-S-69.5		70	SP				
	16 16 50								
0		MW-17-S-74.5		75				75.0	

Bentonite Seal

Monterey Sand #2/12

2"-diam., 0.010" Slotted Schedule 40 PVC

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-17
JOB/SITE NAME	20-6145	**DRILLING STARTED**	13-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	13-Apr-07

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM	
										Bottom of Boring @ 75 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-9
JOB/SITE NAME	20-6145	**DRILLING STARTED**	09-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	09-Apr-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVAL**	35 to 40 ft bgs
LOGGED BY	I. Hull	**DEPTH TO WATER (First Encountered)**	13.0 ft (09-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	8.03 ft (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (ft bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
			0		**FILL**		
			5				
	6 8 8		10	SM	**SAND with Silt** Red-brown; loose; 90% fine-grained, poorly graded sand; 10% silt; moist; non-plastic; moderate estimated permeability.	8.0	
	6 11 11			SP	**Silty SAND with Gravel** Brown-grey; loose; 70% fine-grained, poorly graded sand; 20% silt; 10% gravel; moist; low plasticity; moderate estimated permeability.	13.5 14.0	
27		MW-9-S-14.5	15		**SAND with Silt** Red-brown; loose; 90% fine-grained, poorly graded sand; 10% silt; moist; non-plastic; moderate estimated permeability. At 14.5 fbg a 6" layer of mottled grey		Portland Type I/II
4	13 15 15	MW-9-S-19.5	20	SP			
1	11 30 54	MW-9-S-24.5	25				
1	25 30 54	MW-9-S-29.5	30			30.0	Bentonite Seal
	31 50 55		35				

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-9
JOB/SITE NAME	20-6145	**DRILLING STARTED**	09-Apr-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	09-Apr-07

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
1		MW-9-S-34.5			SP				Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC
	15 21 53								
0		MW-9-S-39.5		40			At 39.5 fbg Increase in dark detritus	40.0	Bottom of Boring @ 40 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP-1
JOB/SITE NAME	20-6145	**DRILLING STARTED**	25-Oct-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	25-Oct-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2.75"	**SCREENED INTERVAL**	6 to 6.5 ft bgs
LOGGED BY	Jeremy Gekov	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	R. Foss, PG #7445	**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
0		VP-1-6-S		5			**FILL:** Sandy gravel fill	6.5	Portland Type I/II Bentonite Seal Monterey Sand #2/16 Vapor Probe Screen Bottom of Boring @ 6.5 ft

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP-2
JOB/SITE NAME	20-6145	**DRILLING STARTED**	25-Oct-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	25-Oct-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2.75"	**SCREENED INTERVAL**	6 to 6.5 ft bgs
LOGGED BY	Jeremy Gekov	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	R. Foss, PG #7445	**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
0		VP-2-6-S		5			**FILL:** Sandy gravel fill	6.5	Portland Type I/II Bentonite Seal Monterey Sand #2/16 Vapor Probe Screen Bottom of Boring @ 6.5 ft

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP-3
JOB/SITE NAME	20-6145	**DRILLING STARTED**	25-Oct-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	25-Oct-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2.75"	**SCREENED INTERVAL**	6 to 6.5 ft bgs
LOGGED BY	Jeremy Gekov	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	R. Foss, PG #7445	**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
				5			**FILL:** Sandy gravel fill	5.5	Portland Type I/II; Bentonite Seal
0		VP-3-6-S			SP		**SAND with silt:** Brown; loose; 90% fine to medium sand, 10% silt; moist; non plastic; high estimated permeability.	6.5	Monterey Sand #2/16 Vapor Probe Screen; Bottom of Boring @ 6.5 ft

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP-4
JOB/SITE NAME	20-6145	**DRILLING STARTED**	25-Oct-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	25-Oct-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2.75"	**SCREENED INTERVAL**	6 to 6.5 ft bgs
LOGGED BY	Jeremy Gekov	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	R. Foss, PG #7445	**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
0		VP-4-6-S		5			**FILL:** Sandy gravel fill	6.5	Portland Type I/II Bentonite Seal Monterey Sand #2/16 Vapor Probe Screen Bottom of Boring @ 6.5 ft

WELL LOG (PID) I:\CHEVRON\206145~1\BORING~1\206145 BORING LOGS.GPJ DEFAULT.GDT 6/12/08

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP-5
JOB/SITE NAME	20-6145	**DRILLING STARTED**	25-Oct-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	25-Oct-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2.75"	**SCREENED INTERVAL**	6 to 6.5 ft bgs
LOGGED BY	Jeremy Gekov	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	R. Foss, PG #7445	**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
0		VP-5-6-S		5	SP		**SAND with silt**:Dark brown; loose; 90% fine to medium sand, 10% silt; moist; non plastic; high estimated permeability. @ 4.5 fbg change in color to brown	6.5	Portland Type I/II Bentonite Seal Monterey Sand #2/16 Vapor Probe Screen Bottom of Boring @ 6.5 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	VP-6
JOB/SITE NAME	20-6145	**DRILLING STARTED**	25-Oct-07
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	25-Oct-07
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Vironex	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2.75"	**SCREENED INTERVAL**	6 to 6.5 ft bgs
LOGGED BY	Jeremy Gekov	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	R. Foss, PG #7445	**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
							FILL: Sandy gravel fill		Portland Type I/II
				5	SP		**SAND:** Brown; loose; fine to medium sand; trace clay; moist; low plasticity; high estimated permeability.	4.5	Bentonite Seal
0		VP-6-6-S						6.5	Monterey Sand #2/16 Vapor Probe Screen Bottom of Boring @ 6.5 ft

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	AS-1
JOB/SITE NAME	20-6145	**DRILLING STARTED**	08-Feb-10
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	09-Feb-10
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	25-Feb-10
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	18.67 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVALS**	16 to 18 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	19.00 fbg (09-Feb-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	7.63 fbg (25-Feb-10)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**FILL:** Gravel.		Flush-grade 12" well box
				5					Portland Type I/II
				10			**Silty SAND:** Brown; moist; non-plastic; fine sand.	10.0	
					SM		@ 14 fbg: grey.		Bentonite Seal
				15					2"-diam., 0.010" Slotted Schedule 80 PVC Monterey Sand #2/12
							@ 19 fbg: wet.		
				20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\CHEVRON\3120-\312002~1\131329C~1\312002-GINT.GPJ DEFAULT.GDT 6/4/10

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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**	AS-2
JOB/SITE NAME	20-6145	**DRILLING STARTED**	08-Feb-10
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	09-Feb-10
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	25-Feb-10
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	19.04 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVALS**	16 to 18 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	8.05 fbg (25-Feb-10) ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**Silty SAND** Brown; moist; non-plastic; fine sand.		
				5			@ 5 fbg: light brown.		
				10	SM		@ 9 fbg: brown.		
				15					
				20				20.0	Bottom of Boring @ 20 fbg

Portland Type I/II
Bentonite Seal
2"-diam., 0.010" Slotted Schedule 80 PVC
Monterey Sand #2/12

WELL LOG (PID) I:\CHEVRON\3120-\312002~1\31329C~1\312002-GINT.GPJ DEFAULT.GDT 6/4/10

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	AS-3
JOB/SITE NAME	20-6145	**DRILLING STARTED**	08-Feb-10
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	09-Feb-10
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	25-Feb-10
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	18.97 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVALS**	16 to 18 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	14.00 fbg (09-Feb-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	8.12 fbg (25-Feb-10)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**Silty SAND** Brown; loose; moist; fine-grained; non-plastic.		Portland Type I/II
				5					
				10	SM		@ 10 fbg: gray.		
				15			@ 14 fbg: wet.		Bentonite Seal 2"-diam., 0.010" Slotted Schedule 80 PVC Monterey Sand #2/12
				20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\CHEVRON\3120-\312002~1\31329C~1\312002-GINT.GPJ DEFAULT.GDT 6/4/10

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	AS-4
JOB/SITE NAME	20-6145	**DRILLING STARTED**	08-Feb-10
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	09-Feb-10
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	25-Feb-10
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	18.83 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVALS**	16 to 18 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	19.00 fbg (09-Feb-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	7.98 fbg (25-Feb-10)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**FILL:** Gravel.		
				5			**Silty SAND** Brown; moist; non-plastic; fine sand.	5.0	Portland Type I/II
				10	SM				Bentonite Seal
				15			@ 15 fbg: gray.		2"-diam., 0.010" Slotted Schedule 80 PVC Monterey Sand #2/12
				20			@ 19 fbg: wet.	20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\CHEVRON\3120-\312002~1\31329C~1\312002-GINT.GPJ DEFAULT.GDT 6/4/10

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	AS-5
JOB/SITE NAME	20-6145	**DRILLING STARTED**	09-Feb-10
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	10-Feb-10
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	25-Feb-10
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	18.68 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVALS**	16 to 18 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	14.00 fbg (09-Feb-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	7.80 fbg (25-Feb-10)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**FILL:** Silty gravel.		
				5					
								8.0	
							Silty SAND Brown; moist; non-plastic; fine sand.		
				10					
					SM		@ 14 fbg: wet.		
				15					
							@ 18fbg: 3 inch gravel lense.		
				20				20.0	

Portland Type I/II
Bentonite Seal
2"-diam., 0.010" Slotted Schedule 80 PVC
Monterey Sand #2/12
Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\CHEVRON\3120-\312002-\131329C-\312002-GINT.GPJ DEFAULT.GDT 6/4/10

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	AS-6
JOB/SITE NAME	20-6145	**DRILLING STARTED**	09-Feb-10
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	10-Feb-10
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	25-Feb-10
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	18.80 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVALS**	16 to 18 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	18.00 fbg (09-Feb-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	8.04 fbg (25-Feb-10)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**Silty SAND** Brown; moist; non-plastic; fine sand.		Portland Type I/II
				5					
				10	SM		@ 9 fbg: gray.		Bentonite Seal
				15			@ 18fbg: 3 inch gravel lense.		2"-diam., 0.010" Slotted Schedule 80 PVC Monterey Sand #2/12
				20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\CHEVRON\3120-\312002~1\312002-1\31329C~1\312002-GINT.GPJ DEFAULT.GDT 6/4/10

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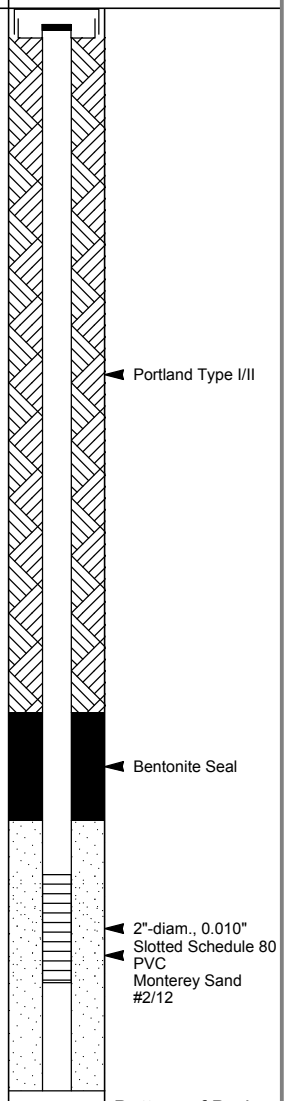
Telephone: 510-420-0700
Fax: 510-420-9170

BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	AS-7
JOB/SITE NAME	20-6145	**DRILLING STARTED**	09-Feb-10
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	10-Feb-10
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	25-Feb-10
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	18.85 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVALS**	16 to 18 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	18.00 fbg (09-Feb-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	8.01 fbg (25-Feb-10)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
				0			**Silty SAND** Brown; loose; moist; non-plastic; fine sand.	
				5				
				10	SM		@ 10 fbg: gray.	
				15				
				20			@ 18fbg: wet; 3 inch gravel lense.	20.0



WELL LOG (PID) I:\CHEVRON\3120-\312002-\131329C-\312002-GINT.GPJ DEFAULT.GDT 6/4/10

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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**	AS-8
JOB/SITE NAME	20-6145	**DRILLING STARTED**	09-Feb-10
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	10-Feb-10
PROJECT NUMBER	312002	**WELL DEVELOPMENT DATE (YIELD)**	25-Feb-10
DRILLER	Gregg Drilling, C-57 #485165	**GROUND SURFACE ELEVATION**	18.81 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8"	**SCREENED INTERVALS**	16 to 18 fbg
LOGGED BY	B. Yifru	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	7.94 fbg (25-Feb-10) ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**ASPHALT**	0.5	Portland Type I/II
							Silty SAND Brown; moist; non-plastic; fine sand.		
				5					
				10	SM				Bentonite Seal
				15			@ 18fbg: wet; 3 inch gravel lense.		2"-diam., 0.010" Slotted Schedule 80 PVC Monterey Sand #2/12
				20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\CHEVRON\3120-\312002-\131329C-\312002-GINT.GPJ DEFAULT.GDT 6/4/10

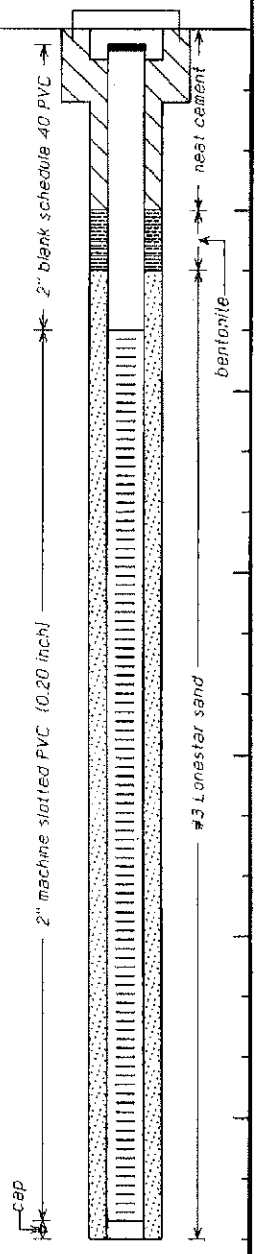
Gettler-Ryan, Inc.

Log of Boring MW-8

PROJECT: *Chevron Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *346492.02*	CASING ELEVATION:
DATE STARTED: *01/09/02*	WL (ft. bgs): *14.5* DATE: *01/09/02* TIME: *9:05*
DATE FINISHED: *01/09/02*	WL (ft. bgs): *9.89* DATE: *01/09/02* TIME: *11:30*
DRILLING METHOD: *8" hollow-stem auger*	TOTAL DEPTH: *20 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0						Concrete ~ 3 inches thick.
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – yellowish brown (10YR 5/4), moist, medium dense; 90% sand, 10% silt.
3						
					SM	SILTY SAND (SM) – dark yellowish brown (10YR 4/8), moist, dense; 85% sand, 15% silt.
6	0					
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – dark yellowish brown (10YR 4/5), moist, medium dense; 90% sand, 10% silt.
9						
12	0	MW-8 (11)				
15	0	MW-8 (15)				
					SW-SM	WELL GRADED SAND WITH SILT (SW-SM) – dark yellowish brown (10YR 4/5), moist, medium dense; 90% sand, 10% silt.
18	0	MW-8 (20)				
21						Bottom of boring at 20 feet bgs.

WELL DIAGRAM



JOB NUMBER: *346492.02*

APPENDIX B

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATION AND REMEDIATION

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATION AND REMEDIATION
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, CALIFORNIA

August 1989 Subsurface Investigation

Subsurface Consultants, Inc. (Subsurface) advanced soil borings B-1 through B-5 to depths ranging from 4.5 to 26 feet below grade (fbg) in the vicinity of the former underground storage tanks (USTs), dispenser island, and sumps along the eastern property boundary. Temporary wells were installed in borings B-1 and B-3. Subsurface noted in their report that the former USTs had been removed in 1973 when the station closed based on a permit search at the City of Oakland. Additional information is available in Subsurface's October 13, 1989 *Preliminary Hydrocarbon Contamination Assessment*.

October 1995 Subsurface Investigation

Groundwater Technology, Inc. (GTI) advanced borings SB-1 through SB-3 and installed groundwater monitoring wells MW-1 through MW-4. Additional information is available in GTI's November 14, 1995 *Additional Site Assessment Report*.

March 1996 Subsurface Investigation

Pacific Environmental Group (PEG) advanced soil borings P-1 through P-9 both on and offsite. Additional information is available in PEG's April 18, 1996 *Soil and Groundwater Investigation*.

December 1996 Well Installation

PEG installed offsite wells MW-5 through MW-7 and drilled a boring for MW-8. Well MW-8 was not installed because no evidence of petroleum hydrocarbons was observed. Additional information is available in PEG's January 24, 1997 *Soil and Groundwater Investigation*.

1997 Soil Vapor Sampling

PEG advanced soil vapor points SV-1 through SV-5 to depths up to 12 fbg. Hydrocarbon concentrations in soil vapor were highest between 6 and 10 fbg. Additional information is available in PEG's January 24, 1997 *Soil and Groundwater Investigation*.

1999/2001 Site Demolition

In 1999, Gettler-Ryan, Inc. (G-R) removed the dispenser island, sumps, the hydraulic hoist, building foundations, garbage enclosure, yard lights and asphalt. During station removal, an orphaned 1,000-gallon gasoline UST, an orphaned 550-gallon used-oil UST, and a buried 55-gallon drum (apparently a makeshift used-oil UST) were encountered. The removal of these encountered USTs was not completed until April 2001, while Chevron and the property owner determined UST ownership. On April 12, 2011, soil samples A-1 and A-2 were collected from

beneath the 1,000-gallon gasoline UST, and soil sample WOT was collected from beneath the 550-gallon used-oil UST. Additional information is available in Delta Environmental Consultants, Inc. (Delta) May 21, 2001 *Compliance Soil Sampling during Removal of Underground Storage Tanks*.

January 2002 Monitoring Well Installation

G-R installed offsite groundwater monitoring well MW-8. No TPHd, TPHg, benzene, or methyl tertiary butyl ether (MTBE) was detected in soil. Additional information is available in Delta's April 11, 2002 *Monitoring Well Installation Report*.

June 2002 Subsurface Investigation

G-R advanced onsite soil borings GP-1 through GP-23 to approximately 12 fbg. Soil samples were collected at 5 and 10 fbg in each boring to profile soil for disposal for the planned remedial excavation. Additional information is available in G-R's July 31, 2002 *Soil Borings*.

November 2002 Remedial Excavation

G-R excavated hydrocarbon-bearing soil in the areas of the former USTs, dispenser island, hydraulic lift, and sumps to a total depth of approximately 12 fbg, with a maximum depth of 14 fbg in one location. Approximately 1,584 tons of hydrocarbon-bearing soil were removed and transported to Allied Waste Landfill in Manteca, California. Thirty-four (SW-1 through SW-10 at 5 and 10 fbg, EXB-1 through SCB-4, SWH-1 through SWH-4, BH-1, SWW-1 through SWW-4, and BWO-1) confirmation soil samples were collected. Well MW-1 was destroyed by excavation during this event. Prior to backfilling, approximately 900 pounds of oxygen releasing compound was placed in the excavation bottoms, and Class II aggregate base was used for backfill. Additional information is available in Delta's January 23, 2003 *Well Destruction, Over-Excavation and Soil Sampling Report*.

January 2003 Soil Borings and Well installation

Delta advanced soil borings GP-24 through GP-30 to approximately 16 fbg and installed monitoring well MW-1A near former monitoring well MW-1. Additional information is available in Delta's May 15, 2003 *Soil Boring and Well Installation Report*.

October and November 2004 Geoprobe and CPT Investigation

Cambria Environmental Technology advanced cone penetration test (CPT) borings CPT-1 through CPT-5 and direct push borings C-1 through C-9 to further define the lateral and vertical extents of hydrocarbons in soil. All borings were advanced onsite except CPT-5, which was located offsite in Center Street. Vertical delineation of hydrocarbons in soil was achieved between 15 and 20 fbg, except for concentrations just above TPHg detection limits between 25 and 50 fbg. Anomalous hydrocarbon grab-groundwater analytical results were detected in deeper groundwater samples. It was surmised that these detections may result from cross

contamination during drilling. Additional information is in Cambria's January 14, 2005 *Subsurface Investigation Report*.

2007 Well Installation and Subsequent Sampling

Conestoga-Rovers & Associates, Inc. (CRA) installed clustered monitoring wells MW-9 through MW-17 to further define the vertical extent of hydrocarbons in groundwater. Wells MW-9 through MW-16 were screened from 35 to 40 fbg or from 55 to 60 fbg to collect depth-discrete groundwater samples. Well MW-17 was screened from 70 to 75 fbg to vertically delineate dissolved-phase hydrocarbons. Dissolved-phase hydrocarbons were detected in all wells and were highest in well MW-14 screened from 55-60 fbg. Subsequent groundwater monitoring and sampling events indicated that hydrocarbon concentrations were decreasing in these wells. Additional information is available in CRA's May 14, 2007 *Well Installation Report* and October 1, 2007 *Third Multi-Level Groundwater Monitoring Report*.

October 2007 Soil Vapor Probe Installation

CRA installed permanent onsite soil vapor probes VP-1 through VP-6, and on November 6, 2007 collected soil vapor samples to evaluate the potential for vapor intrusion to proposed residential housing units. No benzene was detected in soil vapor. Additional information is available in CRA's January 23, 2008 *Feasibility Study/Corrective Action Plan Addendum*.

October 2008 Soil Vapor Investigation

CRA re-sampled vapor probes VP-1 and VP-3 through VP-6 to confirm initial results. VP-2 could not be sampled due to water in the tubing. No benzene was detected. Additional information is available in CRA's November 18, 2008 *Soil Vapor Investigation Results*.

January 2010 Surficial Sampling

CRA collected surficial soil samples at the surface and at depths of 0.5 and 2.5 fbg from 12 locations, the majority of which are designated as future landscaping areas where potential direct human contact may occur. The locations were designated SS-1 through SS-12. Soil samples were analyzed for lead, organochlorine pesticides, and polychlorinated byphenyls (PCB). The scope of work was based on California's Department of Toxic Substances Control (DTSC) 2006 *Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers*. The highest lead concentrations were detected at SS-1, SS-2, SS-3, and SS-6, all located in the northern portion of the site, but not on the former Chevron owned parcel. This data was incorporated into Arcadis's August 17, 2010 health risk assessment report. In December 2009, CRA conducted a Department of Water Resources (DWR) file review and identified one irrigation well within 1/2-mile radius of the site, located approximately 2,100 feet upgradient of the site. The well was installed in 1915 and has a total

depth of 55 fbg. Additional details are available in CRA's February 15, 2010 *Surficial Soil Lead Results.*

February 2010 Low Flow Air Sparge Well Installations

In February 2010, CRA installed low flow air-sparge wells AS-1 through AS-8 in accordance with CRA's November 1, 2007 *Feasibility Study and Corrective Action Plan* and April 27, 2009 *Work Plan for Low Flow Air Sparging Pilot Test and Additional Soil Vapor Sampling*, which was approved with comments by Alameda County Environmental Health Services (ACEH) in their letter dated December 23, 2009. Additional details are available in CRA's July 6, 2011 *Low Flow Air Sparge Pilot Test report.*

September 2010 Low Flow Air Sparge Pilot Test

The low flow air sparge system (LFAS) began operation on January 5, 2011 and operated continuously until it was shutdown on April 8, 2011. Air was injected sequentially into each of the eight sparge wells, AS-1 through AS-8, for approximately 60 minutes per sparge cycle. Sparge cycle time was determined based on the observed time for the induced groundwater mound to dissipate to pre-injection elevation. Based on the LFAS pilot test results CRA concluded air sparging could be successful in reducing dissolved hydrocarbon concentrations in groundwater and recommended operating the LFAS with soil vapor extraction to minimize the potential vapor in the vadoze zone while the LFAS operated. Additional details are available in CRA's July 6, 2011 *Low Flow Air Sparge Pilot Test* report.

November 2011 Revised Corrective Action Plan

CRA submitted the November 30, 2011 *Revised Corrective Action Plan and Preferential Pathway Analysis* as requested by the ACEH in a letter dated August 17, 2011. Sanitary sewer, electric, communication, water, and natural gas utilities were identified offsite and likely not a potential pathways for migration of the dissolved-phase hydrocarbons from the site. CRA concluded active remediation was not warranted and recommended continued monitored natural attenuation of hydrocarbons in soil vapor and groundwater through May 2012. Soil vapor samples were proposed through the first and second quarters of 2012 and groundwater samples through the first quarter of 2012. CRA also referenced the State Water Resource Control Board's September 21, 2010 *Preliminary 5-Year Review Summary Report for USTCF Claim Number: 012265* letter which stated the site meets the Region 2 criteria for low risk groundwater site closure. Additional details are available in CRA's November 30, 2011 *Revised Corrective Action Plan and Preferential Pathway Analysis.*

APPENDIX C

SURFICIAL SOIL LEAD RESULTS

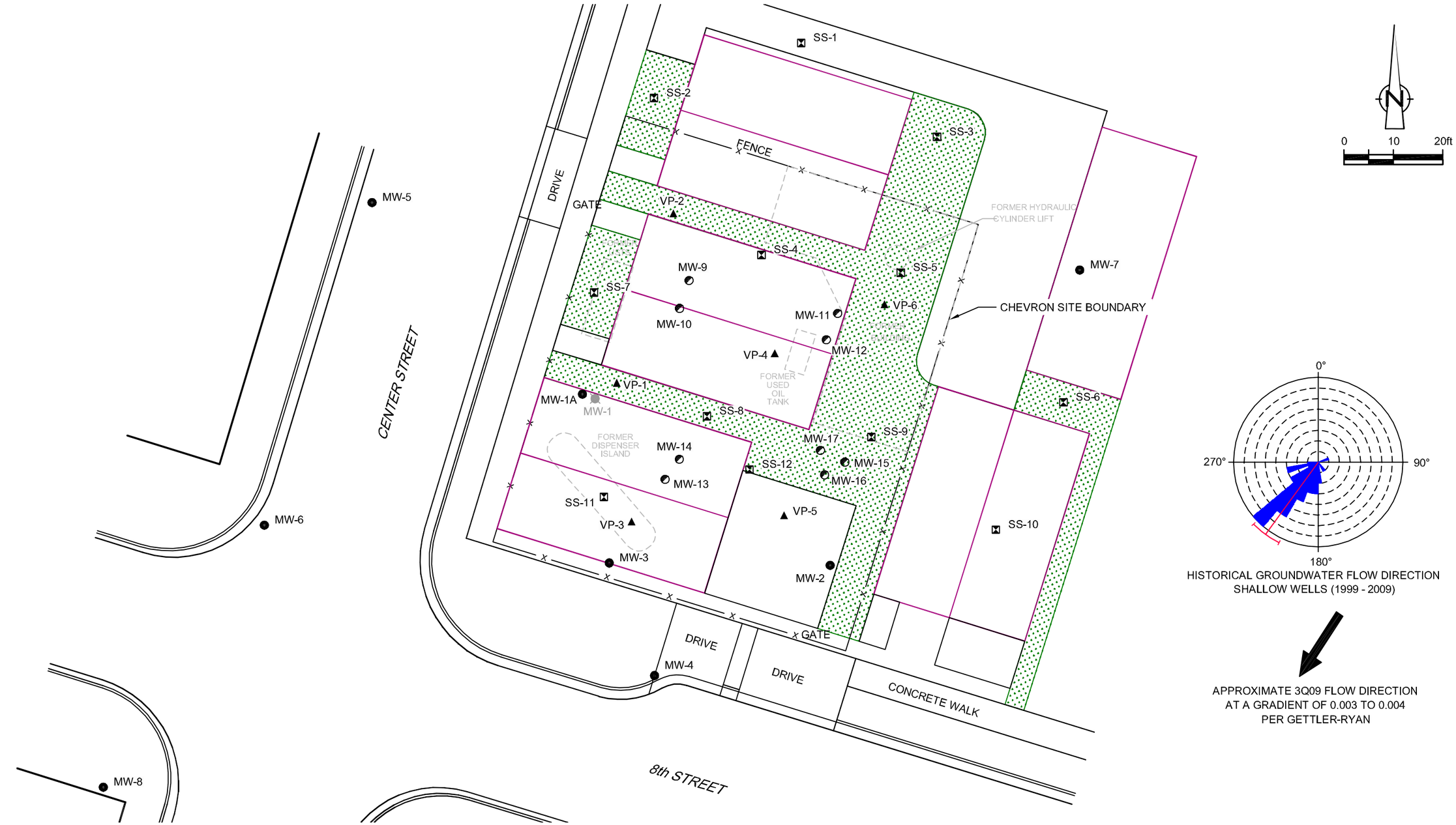


Figure 3

SURFICIAL SOIL SAMPLING LOCATIONS
FORMER CHEVRON SERVICE STATION 20-6145
800 CENTER STREET
Oakland, California

312002-2010(011)GN-WA002 JAN 29/2010

TABLE 1

LEAD ANALYTICAL RESULTS IN SURFICIAL SOIL
FORMER CHEVRON STATION 20-6145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Lead Reported in milligrams per kilogram (mg/kg)*
ESL - Residential Direct Exposure			***260***
DTSC Screening Level			***255***
SS-1	1/27/2010	0.0	**753**
SS-1	1/27/2010	0.5	**806**
SS-1	1/27/2010	2.5	55.0
SS-2	1/27/2010	0.0	**980**
SS-2	1/27/2010	0.5	5.85
SS-2	1/27/2010	2.5	2.29
SS-3	1/27/2010	0.0	**491**
SS-3	1/27/2010	0.5	**5,760**
SS-3	1/27/2010	2.5	4.63
SS-4	1/27/2010	0.0	8.24
SS-4	1/27/2010	0.5	7.06
SS-4	1/27/2010	2.5	3.02
SS-5	1/27/2010	0.0	237
SS-5	1/27/2010	0.5	123
SS-5	1/27/2010	2.5	2.11
SS-6	1/27/2010	0.0	174
SS-6	1/27/2010	0.5	216
SS-6	1/27/2010	1.5	**669**
SS-7	1/27/2010	0.0	5.98
SS-7	1/27/2010	0.5	6.38
SS-7	1/27/2010	2.0	6.03
SS-8	1/27/2010	0.0	13.4
SS-8	1/27/2010	0.5	23.7
SS-9	1/27/2010	0.0	6.89
SS-9	1/27/2010	0.5	7.82
SS-9	1/27/2010	1.5	24.1
SS-10	1/27/2010	0.0	83.1
SS-10	1/27/2010	0.5	179
SS-10	1/27/2010	2.5	198
SS-11	1/27/2010	0.0	7.19

TABLE 1

LEAD ANALYTICAL RESULTS IN SURFICIAL SOIL
FORMER CHEVRON STATION 20-6145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Lead Reported in milligrams per kilogram (mg/kg)*
ESL - Residential Direct Exposure			***260***
DTSC Screening Level			***255***
SS-11	1/27/2010	0.5	6.01
SS-11	1/27/2010	1.5	6.36
SS-12	1/27/2010	0.0	120
SS-12	1/27/2010	0.5	11
SS-12	1/27/2010	2.5	2.17

Notes/Abbreviations:
Lead analyzed by EPA method 6010B
Fbg = feet below grade
ESL = Environmental screening levels for direct soil exposure in a residential setting from *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

DTSC Screening Level = Deparment of Toxic Substances Control soil screening level for lead in soil from *Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from termititcides, and Polychlorinated Biphenyls from Electrical Transformers* revised June 9, 2006
Bold = Concentration exceeds the more conservative screening level listed

TABLE 2

ORGANOCLORINE ANALYTICAL RESULTS IN SURFICIAL SOIL
FORMER CHEVRON STAION 20-6145
800 CENTER STREET, OAKALND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Aldrin*	*Gamma BHC - Lindane*	*Alpha Chlordane*	*Chlordane*	*Gamma Chlordane*	*p,p-DDD*	*p,p-DDE*	*p,p-DDT*	*Dieldrin*	*Heptachlor*
			← *Reported in micrograms per kilogram (µg/kg)* →									
ESL - Residential Direct Exposure			***0.032***	***4.1***	***0.44***	***0.44***	***0.44***	***2.4***	***1.7***	***1.7***	***0.034***	***0.12***
DTSC Screening Level			***33***	***500***	***430***	***430***	***430***	***2,300***	***1,600***	***1,600***	***35***	***130***
SS-1	1/27/2010	0.0	<0.85	**4.3**	<2.8	<20	<4.1	**33**	**7.6**	**57**	<1.7	<0.85
SS-1	1/27/2010	0.5	<0.85	**4.5**	<1.3	<20	<0.94	**3.0**	**2.6**	<1.7	<1.7	<0.85
SS-1	1/27/2010	2.5	<0.17	<0.17	<0.24	<4.0	<0.23	<0.33	<0.33	<0.33	<0.33	<0.17
SS-2	1/27/2010	0.0	<0.85	**11**	**4.3**	**37**	**3.6**	**39**	**9.8**	**800**	**3.2**	<0.85
SS-2	1/27/2010	0.5	<0.17	<0.17	<0.45	<4.0	<0.47	<0.33	0.71	**4.3**	<0.33	<0.17
SS-2	1/27/2010	2.5	<0.17	<0.17	<0.40	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-3	1/27/2010	0.0	<0.85	**3.6**	<2.5	<20	**4.2**	**30**	**43**	**130**	**4.3**	<0.85
SS-3	1/27/2010	0.5	**1.2**	**15**	<3.0	<20	**6.4**	**5.7**	**10**	**70**	**2.8**	<0.85
SS-3	1/27/2010	2.5	<0.17	<0.17	<0.22	<4.0	<0.29	<0.33	<0.33	<0.33	<0.33	<0.17
SS-4	1/27/2010	0.0	<0.17	1.3	<0.18	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-4	1/27/2010	0.5	<0.17	1.3	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-4	1/27/2010	2.5	<0.17	<0.17	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-5	1/27/2010	0.0	**0.22**	0.63	**0.94**	**11**	**1.2**	0.34	<0.33	1	<0.33	<0.17
SS-5	1/27/2010	0.5	<0.17	0.32	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-5	1/27/2010	2.5	<0.17	<0.17	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-6	1/27/2010	0.0	**1.1**	<0.85	**28**	**140**	**18**	**11**	**46**	**87**	**75**	<0.85
SS-6	1/27/2010	0.5	<0.85	<0.85	**6.2**	**33**	**3.7**	**3.9**	**7.6**	**42**	**8.1**	<0.85
SS-6	1/27/2010	1.5	<0.85	2.1	**12**	<20	**12**	**11**	**19**	**200**	**7.2**	<0.85

TABLE 2

ORGANOCLORINE ANALYTICAL RESULTS IN SURFICIAL SOIL
FORMER CHEVRON STAION 20-6145
800 CENTER STREET, OAKALND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Aldrin*	*Gamma BHC - Lindane*	*Alpha Chlordane*	*Chlordane*	*Gamma Chlordane*	*p,p-DDD*	*p,p-DDE*	*p,p-DDT*	*Dieldrin*	*Heptachlor*
			← *Reported in micrograms per kilogram (µg/kg)* →									
ESL - Residential Direct Exposure			***0.032***	***4.1***	***0.44***	***0.44***	***0.44***	***2.4***	***1.7***	***1.7***	***0.034***	***0.12***
DTSC Screening Level			***33***	***500***	***430***	***430***	***430***	***2,300***	***1,600***	***1,600***	***35***	***130***
SS-7	1/27/2010	0.0	<0.17	1.1	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-7	1/27/2010	0.5	<0.17	1.1	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-7	1/27/2010	2.0	<0.17	0.82	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-8	1/27/2010	0.0	<0.17	0.74	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-8	1/27/2010	0.5	<0.17	1.3	<0.17	<4.0	**2.8**	<0.33	0.84	**3.2**	**0.48**	<0.17
SS-9	1/27/2010	0.0	<0.17	0.99	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-9	1/27/2010	0.5	<0.17	1.6	<0.17	<4.0	<0.17	0.83	<0.33	<0.33	<0.33	<0.17
SS-9	1/27/2010	1.5	<0.17	0.62	**1.7**	**18**	**1.9**	**2.7**	0.87	**2.3**	**0.89**	<0.17
SS-10	1/27/2010	0.0	**0.19**	2.0	<2.3	<44	**1.7**	1.3	1.6	**12**	**4.1**	**0.30**
SS-10	1/27/2010	0.5	<0.85	1.2	<3.3	<140	**2.0**	**5.2**	**5.3**	**51**	**9.1**	<0.85
SS-10	1/27/2010	2.5	<0.85	1.8	<5.8	<20	**2.5**	**2.5**	**30**	**86**	**17**	<0.85
SS-11	1/27/2010	0.0	<0.17	0.92	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-11	1/27/2010	0.5	<0.17	0.95	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-11	1/27/2010	1.5	<0.17	1.2	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-12	1/27/2010	0.0	<0.17	0.41	<0.17	<4.0	0.30	<0.33	<0.33	**3.8**	**0.52**	<0.17
SS-12	1/27/2010	0.5	<0.17	0.18	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17
SS-12	1/27/2010	2.5	<0.17	<0.17	<0.17	<4.0	<0.17	<0.33	<0.33	<0.33	<0.33	<0.17

TABLE 2

ORGANOCLORINE ANALYTICAL RESULTS IN SURFICIAL SOIL
FORMER CHEVRON STAION 20-6145
800 CENTER STREET, OAKALND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Aldrin*	*Gamma BHC - Lindane*	*Alpha Chlordane*	*Chlordane*	*Gamma Chlordane*	*p,p-DDD*	*p,p-DDE*	*p,p-DDT*	*Dieldrin*	*Heptachlor*
			← *Reported in micrograms per kilogram (µg/kg)* →									
ESL - Residential Direct Exposure			***0.032***	***4.1***	***0.44***	***0.44***	***0.44***	***2.4***	***1.7***	***1.7***	***0.034***	***0.12***
DTSC Screening Level			***33***	***500***	***430***	***430***	***430***	***2,300***	***1,600***	***1,600***	***35***	***130***

Notes/Abbreviations:

Aldrin, gamma BHC-lindane, alpha chlordane, chlordane, gamma chlordane, p,p-DDD, p,p-DDE, p,p-DDT, dieldrin and heptachlore analyzed by EPA Method 8081A

Fbg = feet below grade

ESL = Environmental screening levels for direct soil exposure in a residential setting from *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

DTSC Screening Level = Deparment of Toxic Substances Control soil screening levels for discrete samples from *Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from termititcides, and Polychlorinated Biphenyls from Electrical Transformers* revised June 9, 2006

<x = not detected above laboratory method detection limit

Bold = Concentration exceeds the more conservative screening level listed

TABLE 3

PCB ANALYTICAL RESULTS IN SURFICIAL SOIL
FORMER CHEVRON STATION 20-6145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*PCB-1016*	*PCB-1221*	*PCB-1232*	*PCB-1248*	*PCB-1254*	*PCB-1260*
			Reported in milligrams per kilogram (mg/kg)					
ESL - Residential Direct Exposure			*0.22*					
DTSC Screening Level			*0.300*					
SS-1	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	0.080
SS-1	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	0.030
SS-1	1/27/2010	2.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-2	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	0.070
SS-2	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-2	1/27/2010	2.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-3	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	0.098	0.029
SS-3	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	0.068
SS-3	1/27/2010	2.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-4	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-4	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-4	1/27/2010	2.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-5	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	0.013	<0.0033
SS-5	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-5	1/27/2010	2.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-6	1/27/2010	0.0	<0.017	<0.017	<0.017	<0.017	**0.48**	0.059
SS-6	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	0.079	0.046
SS-6	1/27/2010	1.5	<0.0033	<0.0033	<0.0033	<0.0033	0.15	0.044
SS-7	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-7	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-7	1/27/2010	2.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-8	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-8	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	0.0057
SS-9	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-9	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-9	1/27/2010	1.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-10	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	0.034
SS-10	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	0.15	0.040
SS-10	1/27/2010	2.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-11	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033

TABLE 3

PCB ANALYTICAL RESULTS IN SURFICIAL SOIL
FORMER CHEVRON STATION 20-6145
800 CENTER STREET, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*PCB-1016*	*PCB-1221*	*PCB-1232*	*PCB-1248*	*PCB-1254*	*PCB-1260*
			Reported in milligrams per kilogram (mg/kg)					
ESL - Residential Direct Exposure			*0.22*					
DTSC Screening Level			*0.300*					
SS-11	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-11	1/27/2010	1.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-12	1/27/2010	0.0	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-12	1/27/2010	0.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SS-12	1/27/2010	2.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033

Notes/Abbreviations:

Polychlorinated biphenyl (PCB)-1016, PCB-1221, PCB1232, PCB-1248, PCB-1254 and PCB-1260 analyzed by EPA Method 8082

Fbg = feet below grade

ESL = Environmental screening levels for direct soil exposure in a residential setting from *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

DTSC Screening Level = Deparment of Toxic Substances Control soil screening levels for discrete samples from *Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from termititcides, and Polychlorinated Biphenyls from Electrical Transformers* revised June 9, 2006

<x = not detected above laboratory method detection limit

Bold = Concentration exceeds the more conservative screening level listed

APPENDIX D

GROUNDWATER MONITORING AND SAMPLING DATA

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*GENERAL CHEMISTRY*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8021*	*Carbon dioxide*	*Nitrate Nitrogen*	*Sulfate*	*Alkalinity to pH 4.5*	*Alkalinity to pH 8.3*	*Ferrous Iron*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-1A	09/03/2010[1]	18.11	9.54	8.57	590	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	02/03/2011[1]	18.11	8.05	10.06	840	100	2.5	0.6	6.7	2.0	<2.5	-	-	-	-	-	-
MW-1A	05/04/2011[1,7]	18.11	7.16	10.95	1,500	<50	6.7	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	08/04/2011[1]	18.11	8.80	9.31	750	<50	0.9	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	02/29/2012[1, 9]	18.11	9.84	8.27	630/250	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	**08/07/2012[1,9]**	**18.11**	**9.64**	**8.47**	**540/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**-**	**-**	**-**	**-**	**-**	**-**
MW-2	09/03/2010[1]	18.40	9.98	8.42	130	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-2	02/03/2011[1]	18.40	8.61	9.79	430	75	<0.5	<0.5	<0.5	<1.5	8.9	-	-	-	-	-	-
MW-2	05/04/2011[1,7]	18.40	4.55	13.85	160	1,300	12	48	0.7	47	<100	-	-	-	-	-	-
MW-2	08/04/2011[1]	18.40	9.17	9.23	99	1,500	43	100	1.4	47	34	-	-	-	-	-	-
MW-2	02/29/2012[1, 9]	18.40	10.25	8.15	75/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-2	**08/07/2012[1,9]**	**18.40**	**9.98**	**8.42**	**410/270**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**-**	**-**	**-**	**-**	**-**	**-**
MW-3	09/03/2010	-	-	-	-	-	-	-	-	-	-	160,000	390	45,900	531,000	<460	21,500
MW-3	09/03/2010[1]	18.07	9.70	8.37	4,000	32,000	65	690	3,100	4,900	380	-	-	-	-	-	-
MW-3	02/03/2011[1]	18.07	8.39	9.68	1,400	2,000	17	34	250	190	26	44,000	<250	180,000	385,000	<460	28,500
MW-3	05/04/2011[1,7]	18.07	7.30	10.77	340	57	<0.5	1.1	3.8	7.7	<2.5	20,000	<250	222,000	310,000	<460	10,500
MW-3	08/04/2011[1]	18.07	8.83	9.24	2,100	1,200	6.5	4.6	110	8.9	16	68,000	350	275,000	362,000	<460	32,500
MW-3	02/29/2012[1, 9]	18.07	9.90	8.17	1,500/510	2,000	74	2.2	6.5	<5.0	<18	-	-	-	-	-	-
MW-3	**08/07/2012[1,9]**	**18.07**	**9.68**	**8.39**	**2,600/1,100**	**3,800**	**120**	**4.1**	**5.0**	**14**	**38**	**-**	**-**	**-**	**-**	**-**	**-**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*GENERAL CHEMISTRY*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8021*	*Carbon dioxide*	*Nitrate Nitrogen*	*Sulfate*	*Alkalinity to pH 4.5*	*Alkalinity to pH 8.3*	*Ferrous Iron*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-4	09/03/2010	-	-	-	-	-	-	-	-	-	-	210,000	<250	2,000	400,000	<460	7,500
MW-4	09/03/2010[1]	16.98	8.63	8.35	400	310	<5.0	<0.5	1.2	<1.5	<2.5	-	-	-	-	-	-
MW-4	02/03/2011[1]	16.98	7.43	9.55	160	55	1.6	<0.5	<0.5	<1.5	<2.5	75,000	<250	52,600	309,000	<460	4,100
MW-4	05/04/2011[1,7]	16.98	6.32	10.66	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	76,000	<250	16,700	183,000	<460	2,600
MW-4	08/04/2011[1]	16.98	7.90	9.08	940	590	110	9.0	10	4.6	4.4	130,000	<250	68,900	361,000	<460	4,200
MW-4	02/29/2012[1, 9]	16.98	8.34	8.64	270/<50	130	<0.5	<0.5	0.6	<1.5	<2.5	-	-	-	-	-	-
MW-4	**08/07/2012[1,9]**	**16.98**	**8.67**	**8.31**	**700/54**	**400**	**20**	**<0.5**	**3.1**	**<1.5**	**5.3**	**-**	**-**	**-**	**-**	**-**	**-**
MW-5	09/03/2010[1]	17.68	9.28	8.40	62	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	02/03/2011[1]	17.68	7.83	9.85	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	05/04/2011[1]	17.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/04/2011[1]	17.68	8.38	9.30	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	02/29/2012[1, 9]	17.68	9.42	8.26	<50/53	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	**08/07/2012[1,9]**	**17.68**	**9.18**	**8.50**	**<50/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**-**	**-**	**-**	**-**	**-**	**-**
MW-6	09/03/2010[1]	17.33	9.13	8.20	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	02/03/2011[1]	17.33	7.65	9.68	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	05/04/2011[1]	17.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/04/2011[1]	17.33	8.30	9.03	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	02/29/2012[1, 9]	17.33	9.30	8.03	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	**08/07/2012[1,9]**	**17.33**	**9.06**	**8.27**	**74/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**-**	**-**	**-**	**-**	**-**	**-**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	09/03/2010[1]	19.26	10.74	8.52	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	02/03/2011[1]	19.26	9.20	10.06	220	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	05/04/2011[1]	19.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	08/04/2011[1]	19.26	9.91	9.35	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	02/29/2012[1, 9]	19.26	10.90	8.36	350/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	**08/07/2012[1,9]**	**19.26**	**10.67**	**8.59**	**96/63**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**-**	**-**	**-**	**-**	**-**	**-**
MW-8	09/03/2010[1]	17.79	9.75	8.04	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	02/03/2011[1]	17.79	8.46	9.33	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	05/04/2011[1]	17.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	08/04/2011[1]	17.79	8.98	8.81	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	02/29/2012[1, 9]	17.79	9.90	7.89	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	**08/07/2012[1,9]**	**17.79**	**9.71**	**8.08**	**<50/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**-**	**-**	**-**	**-**	**-**	**-**
MW-9	09/03/2010[2]	18.42	10.01	8.41	95	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-9	02/03/2011[2,4,5]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	05/04/2011[2,4,5]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	08/04/2011[2,4,5]	18.42	9.13	9.29	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	02/29/2012[2,4,5]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	**08/07/2012[2,4,5,9]**	**18.42**	**9.98**	**8.44**	**61/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*GENERAL CHEMISTRY*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8021*	*Carbon dioxide*	*Nitrate Nitrogen*	*Sulfate*	*Alkalinity to pH 4.5*	*Alkalinity to pH 8.3*	*Ferrous Iron*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-10	09/03/2010[3]	17.99	10.35	7.64	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-10	02/03/2011[3,4,5]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	05/04/2011[3,4,5]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	08/04/2011[3,4,5]	17.99	10.60	7.39	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	02/29/2012[3,4,5]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	**08/07/2012[3,4,5,9]**	**17.99**	**10.14**	**7.85**	**59/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-11	09/03/2010[2]	18.68	10.21	8.47	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-11	02/03/2011[2,4,5]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/04/2011[2,4,5]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	08/04/2011[2,4,5]	18.68	9.35	9.33	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	02/29/2012[2,4,5]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	**08/07/2012[2,4,5,9]**	**18.68**	**10.15**	**8.53**	**<50/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-12	09/03/2010[3]	18.46	11.05	7.41	65	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-12	02/03/2011[3,4,5]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	05/04/2011[3,4,5]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	08/04/2011[3,4,5]	18.46	9.63	8.83	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	02/29/2012[3,4,5]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	**08/07/2012[3,4,5,9]**	**18.46**	**10.68**	**7.78**	**<50/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*GENERAL CHEMISTRY*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8021*	*Carbon dioxide*	*Nitrate Nitrogen*	*Sulfate*	*Alkalinity to pH 4.5*	*Alkalinity to pH 8.3*	*Ferrous Iron*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-13	09/03/2010[2]	18.43	10.09	8.34	58	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-13	02/03/2011[2,4,5]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/04/2011[2,4,5]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	08/04/2011[2,4,5]	18.43	9.27	9.16	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	02/29/2012[2,4,5]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	**08/07/2012[2,4,5,9]**	**18.43**	**10.03**	**8.40**	**<50/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-14	09/03/2010[3]	18.59	11.52	7.07	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-14	02/03/2011[3,4,5]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/04/2011[3,4,5]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	08/04/2011[3,4,5]	18.59	9.99	8.60	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	02/29/2012[3,4,5]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	**08/07/2012[3,4,5,9]**	**18.59**	**10.79**	**7.80**	**61/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-15	09/03/2010[2]	18.38	9.95	8.43	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-15	02/03/2011[2,4,5]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/04/2011[2,4,5]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/04/2011[2,4,5]	18.38	9.13	9.25	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/29/2012[2,4,5]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	**08/07/2012[2,4,5,9]**	**18.38**	**9.91**	**8.47**	**<50/100**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*GENERAL CHEMISTRY*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8021*	*Carbon dioxide*	*Nitrate Nitrogen*	*Sulfate*	*Alkalinity to pH 4.5*	*Alkalinity to pH 8.3*	*Ferrous Iron*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-16	09/03/2010[3]	18.57	10.95	7.62	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-16	02/03/2011[3,4,5]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	05/04/2011[3,4,5]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	08/04/2011[3,4,5]	18.57	10.13	8.44	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	02/29/2012[3,4,5]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	**08/07/2012[3,4,5,9]**	**18.57**	**10.83**	**7.74**	**<50/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-17	09/03/2010[3]	18.55	10.81	7.74	67	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-17	02/03/2011[3,4,5]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	05/04/2011[3,4,5]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	08/04/2011[3,4,5]	18.55	10.00	8.55	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	02/29/2012[3,4,5]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	**08/07/2012[3,4,5,9]**	**18.55**	**10.78**	**7.77**	**<50/<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-1	02/03/2011[6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-1	05/04/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-1	08/04/2011[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-1	02/29/2012[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-1	**08/07/2012[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*GENERAL CHEMISTRY*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8021*	*Carbon dioxide*	*Nitrate Nitrogen*	*Sulfate*	*Alkalinity to pH 4.5*	*Alkalinity to pH 8.3*	*Ferrous Iron*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
AS-2	02/03/2011[6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	05/04/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	08/04/2011[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	02/29/2012[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	**08/07/2012[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-3	02/03/2011[6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	05/04/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	08/04/2011[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	02/29/2012[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	**08/07/2012[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-4	02/03/2011[6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	05/04/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	08/04/2011[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	02/29/2012[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	**08/07/2012[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-5	02/03/2011[6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-5	05/04/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-5	08/04/2011[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-5	02/29/2012[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-5	**08/07/2012[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
AS-6	02/03/2011[6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	05/04/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	08/04/2011[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	02/29/2012[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	**08/07/2012[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-7	02/03/2011[6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-7	05/04/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-7	08/04/2011[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-7	02/29/2012[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-7	**08/07/2012[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-8	02/03/2011[6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	05/04/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	08/04/2011[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	02/29/2012[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	**08/07/2012[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
QA	09/03/2010	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	02/03/2011	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	05/04/2011	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*GENERAL CHEMISTRY*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8021*	*Carbon dioxide*	*Nitrate Nitrogen*	*Sulfate*	*Alkalinity to pH 4.5*	*Alkalinity to pH 8.3*	*Ferrous Iron*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
QA	08/04/2011	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	02/29/2012	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	08/07/2012	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	**-**	**-**	**-**	**-**	**-**	**-**

Abbreviations and Notes:

TOC = Top of casing

DTW = Depth to water

GWE = Groundwater elevation

(ft-amsl) = Feet above mean sea level

ft = Feet

µg/L = Micrograms per liter

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

VOCS = Volatile organic compounds

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylene's (total)

MTBE = Methyl tert butyl ether

-- = Not available / not applicable

<x = Not detected at or above laboratory method detection limit

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*GENERAL CHEMISTRY*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8021*	*Carbon dioxide*	*Nitrate Nitrogen*	*Sulfate*	*Alkalinity to pH 4.5*	*Alkalinity to pH 8.3*	*Ferrous Iron*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*

1 Shallow Well

2 Intermediate Well

3 Deep Well

4 Monitored annually during the third quarter

5 Sampled bi-annually during the third quarter

6 Not able to access well. Well connected to Air Sparge System

7 Special Sampling Event

8 Not monitored or sampled.

9 TPHd with silica gel / TPHd with silica gel (reverse surrogate, capric acid, was present at <1%)

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-1A											
02/24-25/03[l]	15.49	8.17	7.32	4,600	5,100	92	340	66	480	<10	--
06/02/03	15.49	7.15	8.34	5,500	3,800	150	490	72	450	<13	--
09/02/03	15.49	6.10	9.39	10,000	6,200	100	580	110	760	47	--
11/21/03	15.49	5.29	10.20	3,800	3,200	29	150	49	240	<10	--
02/27/04	15.49	9.87	5.62	2,800	280	9.7	19	3.0	30	<2.5	--
05/28/04	15.49	6.88	8.61	5,500	1,100	35	81	27	140	17	--
08/31/04	15.49	5.58	9.91	4,500	1,100	13	68	27	110	<2.5	--
12/17/04	15.49	7.09	8.40	2,300[o]	560	8.0	17	9.6	36	<2.5	--
03/28/05	15.49	10.36	5.13	340[o]	87	16	4.2	3.3	11	<2.5	--
06/09/05	15.49	9.69	5.80	6,400[o]	260	26	3.7	7.7	13	5.3	--
08/19/05	15.49	6.70	8.79	1,100[o,p,q]	440	38	7.8	9.4	17	<2.5	--
11/18/05	15.49	6.25	9.24	1,300[o,q]	450	11	12	17	22	<2.5	--
03/07/06	15.49	10.51	4.98	2,300[o]	150	33	1.6	3.4	2.7	<2.5	--
05/17/06	15.49	9.02	6.47	2,600[o]	110	18	<0.5	0.7	<1.5	<2.5	--
08/30/06	15.49	5.68	9.81	3,600[o]	420	24	0.7	8.1	9.2	<10	--
11/28/06	15.49	5.79	9.70	2,900[o]	220	8.6	2.7	6.1	9.3	<2.5	--
02/06/07	18.11	8.83	9.28	1,500[o]	230	19	<0.5	1.8	2.7	<2.5	--
05/02/07	18.11	9.83	8.28	1,300[o]	190	16	<0.5	1	1.8	<2.5	--
08/17/07	18.11	8.61	9.50	1,100[o]	160	2.5	0.8	2.0	2.7	<2.5	--
11/16/07[v]	18.11	8.27	9.84	3,600[o]	30,000	610	1,100	4,100	2,800	310	--
02/05/08	18.11	11.63	6.48	2,100[o]	63	4.8	<0.5	<0.5	<1.5	<2.5	--
05/20/08	18.11	9.18	8.93	940[o]	50	1.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	18.11	8.25	9.86	1,900[o]	98	0.7	<0.5	<0.5	<1.5	<2.5	--
12/05/08	18.11	7.68	10.43	940[o]	96	0.6	<0.5	0.5	<1.5	<2.5	--
02/09/09	18.11	8.10	10.01	630[o]	130	2.7	<0.5	2.1	<1.5	<2.5	--
05/08/09	18.11	9.91	8.20	1,300[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	18.11	8.35	9.76	1,300[o]	97	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**18.11**	**11.03**	**7.08**	**500[o,z]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-2											
10/27/95	15.77	10.60	5.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	15.72	8.51	7.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	15.72	7.82	7.90	--	83[d]	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	15.72	5.92	9.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	15.72	5.13	10.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	15.72	9.21	6.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-2 (cont)											
05/11/98	15.72	8.82	6.90	SAMPLED ANNUALLY		--	--	--	--	--	--
07/16/98	15.72	7.37	8.35	--	--	--	--	--	--	--	--
08/04/98[a]	15.72	7.03	8.69	--	--	--	--	--	--	--	1.9 x 1
09/03/98[a]	15.72	6.44	9.28	--	--	--	--	--	--	--	3.0 x 1
10/21/98[b]	15.72	5.51	10.21	--	--	--	--	--	--	--	8.8 x 1
11/04/98	15.72	5.60	10.12	--	--	--	--	--	--	--	--
01/26/99	15.72	6.87	8.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	15.72	8.20	7.52	--	--	--	--	--	--	--	--
08/21/99	15.72	13.21	2.51	--	--	--	--	--	--	--	--
10/28/99	15.72	6.35	9.37	--	--	--	--	--	--	--	--
01/31/00	15.72	7.25	8.47	--	<50	<0.5	0.541	<0.5	<0.5	<2.5	--
05/19/00	15.72	7.65	8.07	--	--	--	--	--	--	--	--
08/07/00	15.72	6.35	9.37	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	15.72	5.60	10.12	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	15.72	6.05	9.67	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	15.72	6.73	8.99	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/27/01[h]	15.72	5.68	10.04	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0[f]	--
11/28/01	15.72	5.86	9.86	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
02/14/02	15.69	7.86	7.83	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	15.69	7.09	8.60	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	15.69	6.02	9.67	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/30/02	15.69	DRY	--	--	--	--	--	--	--	--	--
02/24-25/03[l]	15.69	8.04	7.65	140	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	15.69	7.33	8.36	150[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	15.69	5.97	9.72	150[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	--[n]	--[n]	10.39	180	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	--[n]	--[n]	6.90	310	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	--[n]	--[n]	9.13	160	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	--[n]	--[n]	10.30	180[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	--[n]	--[n]	8.91	77[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	--[n]	--[n]	6.51	<50[o]	<50	<0.5	0.5	<0.5	<1.5	<2.5	--
06/09/05	--[n]	--[n]	7.09	53[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	--[n]	--[n]	9.27	<50[o,p]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	--[n]	--[n]	9.66	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	--[n]	--[n]	6.75	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	--[n]	--[n]	7.09	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	--[n]	--[n]	9.03	640[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-2 (cont)											
11/28/06	--[n]	--[n]	10.02	560[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	18.40	8.72	9.68	200[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	18.40	9.71	8.69	480[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	18.40	8.52	9.88	1,000[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	18.40	8.30	10.10	1,900[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	18.40	10.97	7.43	1,100[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	18.40	9.09	9.31	650[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	18.40	8.25	10.15	200[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	18.40	7.12	11.28	680[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	18.40	8.08	10.32	420[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	18.40	9.98	8.42	75[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	18.40	8.23	10.17	610[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**18.40**	**10.54**	**7.86**	**120[o,z]**	**<50[aa]**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-3											
10/27/95	15.46	10.37	5.09	--	33,000	11,000	1,700	2,300	4,200	--	--
02/20/97	15.42	8.37	7.05	--	260	56	<1.0	7.6	5.9	<5.0	--
04/24/97	15.42	7.29	8.13	--	1,400	310	28	76	75	74	--
07/23/97	15.42	5.84	9.58	--	37,000	10,000	1,500	2,700	4,200	2,500	--
10/29/97	15.42	5.09	10.33	--	53,000	12,000	1,200	3,000	3,100	2,500	--
01/28/98	15.42	8.94	6.48	--	210	43	1.5	1.7	3.9	10	--
05/11/98	15.42	8.49	6.93	--	59	11	<0.5	2.1	<0.5	<2.5	--
07/16/98	15.42	7.14	8.28	--	260	90	4.8	18	5.7	<10	--
08/04/98[a]	15.42	6.88	8.54	--	--	--	--	--	--	--	8.5 x 1
09/03/98[a]	15.42	6.34	9.08	--	--	--	--	--	--	--	2.4 x 1
10/21/98[b]	15.42	5.62	9.80	--	--	--	--	--	--	--	6.0 x 1
11/04/98	15.42	5.60	9.82	--	73,000	17,000	3,800	4,900	8,100	<250	--
01/26/99	15.42	6.70	8.72	--	32,400	10,200	1,850	2,650	3,140	715/<500[c]	--
05/06/99	15.42	7.97	7.45	--	3,160	668	89.6	180	123	<200/<10[c]	--
08/21/99	15.42	7.95	7.47	--	53,800	9,700	2,040	2,880	5,000	<1,250/<40[c]	--
10/28/99	15.42	5.37	10.05	--	71,300	14,000	3,420	4,320	8,360	<1,000	--
01/31/00	15.42	7.16	8.26	--	1,650	496	49.1	134	82.6	<12.5	--
05/19/00	15.42	7.60	7.82	--	110[e]	36	2.5	9.1	4.0	6.3	--
08/07/00	15.42	6.29	9.13	--	36,000[e]	9,000	3,000	2,700	2,800	2,500/<10[f]	--
12/01/00	15.42	2.45	12.97	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
02/09/01	15.42	5.98	9.44	--	32,000[e]	11,000	3,900	3,200	4,800	3,200/<2.0[f]	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-3 (cont)											
05/29/01	15.42	6.65	8.77	--	13,000	4,200	2,000	1,800	1,500	74/<2.0[f]	--
08/27/01[h]	15.42	5.70	9.72	--	40,000	7,600	2,800	2,500	2,700	<25[f]	--
11/28/01	15.42	5.77	9.65	--	57,000	10,000	2,900	2,900	2,800	<250/<5.0[f]	--
02/14/02	15.40	7.73	7.67	--	51	2.9	<0.50	1.9	1.8	<2.5/<2[f]	--
05/15/02	15.40	7.05	8.35	--	4,100	910	250	210	240	<20/<2[f]	--
08/05/02	15.40	5.96	9.44	--	58,000	11,000	4,300	3,400	4,000	<250/<10[f]	--
11/30/02	15.40	5.14	10.26	--	46,000	13,000	2,900	3,700	2,600	<100/<10[f]	--
02/24-25/03[l]	15.40	7.89	7.51	4,500	52,000	9,600	4,800	2,900	4,100	<130	--
06/02/03	15.40	7.24	8.16	6,500	67,000	11,000	9,600	3,400	5,700	<250	--
09/02/03	15.40	5.89	9.51	10,000	73,000	8,900	10,000	3,600	7,000	300	--
11/21/03	15.40	5.17	10.23	8,000	29,000	3,300	3,200	1,200	1,500	<200	--
02/27/04	15.40	8.84	6.56	200	59	8.2	6.3	1.7	6.8	<2.5	--
05/28/04	15.40	6.57	8.83	5,400	18,000	2,600	970	1,600	950	<100	--
08/31/04	15.40	5.41	9.99	9,100	58,000	3,200	9,600	2,800	7,500	<50	--
12/17/04	15.40	6.81	8.59	2,200[o]	23,000	1,100	2,100	1,200	2,600	<25	--
03/28/05	15.40	9.29	6.11	3,200[o]	43,000	1,500	10,000	2,600	7,300	<130	--
06/09/05	15.40	8.65	6.75	7,800[o]	38,000	980	7,000	2,100	4,800	190	--
08/19/05	15.40	6.43	8.97	5,000[o,p,r]	75,000	1,500	14,000	3,400	9,600	<130	--
11/18/05	15.40	5.95	9.45	3,900[o,r]	72,000	1,400	14,000	3,600	9,700	380	--
03/07/06	15.40	9.05	6.35	1,100[o]	15,000	280	2,300	820	2,000	<100	--
05/17/06	15.40	8.57	6.83	4,400[o]	57,000	650	8,100	2,900	8,100	410	--
08/30/06	15.40	5.44	9.96	4,300[o]	54,000	540	7,600	4,100	10,000	550	--
11/28/06	15.40	5.62	9.78	4,400[o]	43,000	260	3,400	3,800	5,800	<1,000	--
02/06/07	18.07	8.70	9.37	5,000[o]	43,000	290	6,200	3,400	6,400	<500	--
05/02/07	18.07	9.67	8.40	4,500[o]	43,000	290	4,100	3,800	6,500	<500	--
08/17/07	18.07	8.50	9.57	4,900[o]	46,000	240	1,900	3,800	5,600	310	--
11/16/07[v]	18.07	8.29	9.78	860[o]	450	34	23	53	25	4.1	--
02/05/08	18.07	10.97	7.10	2,400[o]	18,000	210	950	1,800	1,700	<500	--
05/20/08	18.07	8.99	9.08	6,900[o]	45,000	190	4,900	2,800	6,200	<500[w]	--
08/06/08	18.07	8.26	9.81	5,000[o]	40,000	220	1,500	3,200	6,500	<500[w]	--
12/05/08	18.07	7.56	10.51	4,000[o]	15,000	26	590	1,800	1,800	230	--
02/09/09	18.07	8.02	10.05	2,800[o]	20,000	170	710	1,800	2,500	<400[w]	--
05/08/09	18.07	9.95	8.12	2,900[o]	15,000	88	900	2,100	1,400	<250[w]	--
08/07/09	18.07	8.20	9.87	2,900[o]	41,000	150	2,400	3,800	6,700	<500[w]	--
02/25/10	**18.07**	**10.57**	**7.50**	**1,800[o]**	**15,000**	**42**	**320**	**1,600**	**1,100**	**330**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-4											
10/27/95	14.45	9.37	5.08	--	66	6.8	<0.5	<0.5	<0.5	--	--
02/20/97	14.40	8.12	6.28	--	54	<0.5	<0.5	<0.5	7.4	39	--
04/24/97	14.40	7.29	7.11	--	54	1.4	<0.5	0.65	3.0	100	--
07/23/97	14.40	5.80	8.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	14.40	5.74	8.66	--	--	--	--	--	--	--	--
11/13/97	14.40	4.97	9.43	--	<50	<0.5	0.79	<0.5	<0.5	<2.5	--
01/28/98	14.40	8.88	5.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	14.40	8.40	6.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
07/16/98	14.40	7.08	7.32	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98[a]	14.40	6.28	8.12	--	--	--	--	--	--	--	1.8 x 1
09/03/98[a]	14.40	6.32	8.08	--	--	--	--	--	--	--	1.4 x 1
10/21/98[b]	14.40	5.64	8.76	--	--	--	--	--	--	--	8.6 x 1
11/04/98	14.40	5.61	8.79	--	--	--	--	--	--	--	--
01/26/99	14.40	6.71	7.69	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	14.40	8.15	6.25	--	--	--	--	--	--	--	--
08/21/99	14.40	8.13	6.27	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/28/99	14.40	4.14	10.26	--	--	--	--	--	--	--	--
01/31/00	14.40	7.07	7.33	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	14.40	7.52	6.88	--	--	--	--	--	--	--	--
08/07/00	14.40	6.23	8.17	--	<50	4.3	0.60	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	14.40	INACCESSIBLE		--	--	--	--	--	--	--	--
02/09/01	14.40	INACCESSIBLE		--	--	--	--	--	--	--	--
05/29/01	14.40	6.58	7.82	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
08/27/01	14.40	6.52	7.88	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
11/28/01	14.40	DRY	--	--	--	--	--	--	--	--	--
02/14/02	14.37	7.66	6.71	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02	14.37	6.96	7.41	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
08/05/02	14.37	DRY	--	--	--	--	--	--	--	--	--
11/30/02	14.37	DRY	--	--	--	--	--	--	--	--	--
02/24-25/03[l]	14.37	7.77	6.60	200	<50	8.0	<0.50	<0.50	<1.5	<2.5	--
06/02/03	14.37	7.11	7.26	300	<50	4.3	<0.5	<0.5	<1.5	<2.5	--
09/02/03	14.37	5.80	8.57	410	51	4.3	<0.5	<0.5	<1.5	<2.5	--
11/21/03	--[n]	--[n]	10.24	560	110	25	0.6	1.5	<1.5	<2.5	--
02/27/04	--[n]	--[n]	5.71	340	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	--[n]	--[n]	7.88	430	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	--[n]	--[n]	9.03	460	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	--[n]	--[n]	7.67	390[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-4 (cont)											
03/28/05	--[n]	--[n]	5.32	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/09/05	--[n]	--[n]	6.70	120[o]	90	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	--[n]	--[n]	8.03	190[o,p,q]	200	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	--[n]	--[n]	9.43	310[o,t]	230	2.7	<0.5	0.8	<1.5	<2.5	--
03/07/06	--[n]	--[n]	5.55	230[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	--[n]	--[n]	5.89	150[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	--[n]	--[n]	7.71	380[o]	1,300	47	<2.5	<2.5	<7.5	<50	--
11/28/06	--[n]	--[n]	8.75	1,800[o]	1,200	36	1.1	3.4	<5.0	<20	--
02/06/07	16.98	8.58	8.40	1,600[o]	13,000[u]	3,700[u]	60[u]	880[u]	170[u]	210[u]	--
05/02/07	16.98	9.53	7.45	170[o]	1,400	170	0.6	0.9	1.6	<50	--
08/17/07	16.98	8.35	8.63	1,600[o]	4,700	870	3.8	49	<10	30	--
11/16/07	16.98	8.20	8.78	2,000[o]	3,700	780	5.6	100	7.8	25	--
02/05/08	16.98	10.75	6.23	250[o]	1,100	270	2.2	63	7.6	<50	--
05/20/08	16.98	8.91	8.07	1,100[o]	3,300	720	4.1	13	15	<50[w]	--
08/06/08	16.98	8.09	8.89	2,200[o]	11,000	2,700	33	460	87	<100[w]	--
12/05/08	16.98	7.46	9.52	540[o]	2,500	380	1.4	22	<5.0[x]	11	--
02/09/09	16.98	7.97	9.01	610[o]	890	6.4	0.5	2.9	<1.5	<5.0[w]	--
05/08/09	16.98	9.80	7.18	140[o]	560	29	<0.5	1.2	<1.5	<5.0[w]	--
08/07/09	16.98	8.10	8.88	1,000[o]	1,900	260	1.2	7.1	3.0	8.3	--
02/25/10	**16.98**	**10.37**	**6.61**	**54[o,z]**	**56**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-5											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
04/24/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
04/30/97	15.03	7.06	7.97	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
10/29/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
01/28/98	15.03	8.83	6.20	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
07/16/98	15.03	7.28	7.75	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
11/04/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
01/26/99	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
05/06/99	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
08/21/99	15.03	6.74	8.29	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-5 (cont)											
10/28/99	15.03	4.60	10.43	--	--	--	--	--	--	--	--
01/31/00	15.03	7.39	7.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	15.03	7.85	7.18	--	--	--	--	--	--	--	--
08/07/00	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
12/01/00	15.03	5.68	9.35	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50/<2.0[f]	--
02/09/01	15.03	6.22	8.81	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
05/29/01	15.03	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
08/27/01	15.03	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
11/28/01	15.03	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
02/14/02	15.01	7.96	7.05	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02	15.01	7.23	7.78	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
08/05/02	15.01	6.13	8.88	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
11/30/02	15.01	5.27	9.74	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
02/24-25/03[l]	15.01	7.99	7.02	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	15.01	7.14	7.87	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	15.01	6.02	8.99	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	15.01	5.26	9.75	68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	15.01	8.42	6.59	140	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	15.01	6.71	8.30	76	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	15.01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
12/17/04	15.01	6.98	8.03	52[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	15.01	8.66	6.35	51[o]	<50	<0.5	0.7	<0.5	<1.5	<2.5	--
06/09/05	15.01	9.16	5.85	72[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	15.01	6.52	8.49	<50[o,p]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	15.01	6.12	8.89	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	15.01	8.98	6.03	<50[o]	<50	<0.5	<0.5	1.4	<1.5	<2.5	--
05/17/06	15.01	8.83	6.18	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	15.01	6.86	8.15	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	15.01	6.46	8.55	200[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	17.68	8.83	8.85	55[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	17.68	9.91	7.77	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	17.68	8.63	9.05	66[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	17.68	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
02/05/08	17.68	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
02/29/08	17.68	10.88	6.80	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	17.68	9.21	8.47	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	17.68	8.29	9.39	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-5 (cont)											
12/05/08	17.68	7.63	10.05	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	17.68	8.21	9.47	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	17.68	10.16	7.52	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	17.68	8.33	9.35	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**17.68**	**10.76**	**6.92**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-6											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	14.73	8.11	6.62	--	800	310	23	11	28	<12	--
04/24/97	14.73	7.13	7.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	14.73	5.73	9.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	14.73	4.98	9.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	14.73	8.19	6.54	--	160	38	<0.5	<0.5	<0.5	<2.5	--
05/11/98	14.73	8.08	6.65	--	1,700	490	72	39	52	<25	--
07/16/98	14.73	7.04	7.69	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98[a]	14.73	6.89	7.84	--	--	--	--	--	--	--	8.6 x 1
09/03/98[a]	14.73	6.24	8.49	--	--	--	--	--	--	--	2.9 x 1
10/21/98[b]	14.73	5.46	9.27	--	--	--	--	--	--	--	1.8 x 1
11/04/98	14.73	5.52	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/26/99	14.73	6.49	8.24	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	14.73	7.91	6.82	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/21/99	14.73	7.93	6.80	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/28/99	14.73	5.27	9.46	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/31/00	14.73	7.16	7.57	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	14.73	7.60	7.13	--	<50	11	<0.5	<0.5	<0.5	<2.5	--
08/07/00	14.73	6.22	8.51	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	14.73	DRY	--	--	--	--	--	--	--	--	--
02/09/01	14.73	DRY	--	--	--	--	--	--	--	--	--
05/29/01	14.73	6.63	8.10	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
08/27/01[h]	14.73	9.83	4.90	--	150	<0.50	5.7	<0.50	<0.50	<5.0[f]	--
11/28/01	14.73	DRY	--	--	--	--	--	--	--	--	--
02/14/02	14.68	7.90	6.78	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	14.68	7.32	7.36	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	14.68	DRY	--	--	--	--	--	--	--	--	--
11/30/02	14.68	DRY	--	--	--	--	--	--	--	--	--
02/24-25/03[l]	14.68	7.89	6.79	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-6 (cont)											
06/02/03	14.68	7.20	7.48	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	14.68	5.77	8.91	190	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	14.68	4.86	9.82	98	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	14.68	8.12	6.56	240	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	14.68	6.43	8.25	150	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	14.68	5.29	9.39	360[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	14.68	6.85	7.83	91[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	14.68	8.34	6.34	61[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/09/05	14.68	7.95	6.73	64[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	14.68	6.27	8.41	<50[o,p]	<50[s]	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	14.68	DRY AT 15.70 FEET		--	--	--	--	--	--	--	--
03/07/06	14.68	8.03	6.65	<50[o]	<50	<0.5	<0.5	0.9	<1.5	<2.5	--
05/17/06	14.68	7.98	6.70	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	14.68	6.63	8.05	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	14.68	6.09	8.59	120[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	17.33	8.58	8.75	96[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	17.33	9.64	7.69	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	17.33	8.38	8.95	66[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	17.33	8.19	9.14	250[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	17.33	10.55	6.78	120[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	17.33	8.92	8.41	70[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	17.33	8.06	9.27	<160[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	17.33	7.44	9.89	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	17.33	7.99	9.34	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	17.33	10.01	7.32	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	17.33	8.11	9.22	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**17.33**	**10.58**	**6.75**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-7											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	16.36	8.86	7.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	16.36	7.59	8.77	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	16.36	6.09	10.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	16.36	5.28	11.08	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	16.36	9.10	7.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	16.36	9.11	7.25	SAMPLED ANNUALLY		--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-7 (cont)											
07/16/98	16.36	8.00	8.36	--	--	--	--	--	--	--	--
08/04/98[a]	16.36	7.32	9.04	--	--	--	--	--	--	--	1.5 x 1
09/03/98[a]	16.36	6.65	9.71	--	--	--	--	--	--	--	6.5 x 1
10/21/98[b]	16.36	5.96	10.40	--	--	--	--	--	--	--	4.8 x 1
11/04/98	16.36	5.89	10.47	--	--	--	--	--	--	--	--
01/26/99	16.36	8.25	8.11	--	<50	<0.5	<0.5	<0.5	0.5	<2.0	--
05/06/99	16.36	8.47	7.89	--	--	--	--	--	--	--	--
08/21/99	16.36	8.51	7.85	--	--	--	--	--	--	--	--
10/28/99	16.36	6.04	10.32	--	--	--	--	--	--	--	--
01/31/00	16.36	7.57	8.79	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	16.36	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
08/07/00	16.36	6.67	9.69	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	16.36	5.84	10.52	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	16.36	6.30	10.06	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	16.36	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
08/27/01[h]	16.36	6.02	10.34	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0[f]	--
11/28/01	16.36	6.09	10.27	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/14/02	16.31	8.21	8.10	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	16.31	7.41	8.90	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	16.31	6.26	10.05	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/30/02	16.31	5.39	10.92	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/24-25/03[l]	16.31	8.30	8.01	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	16.31	7.67	8.64	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	16.31	6.17	10.14	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	16.31	UNABLE TO LOCATE - BURIED			--	--	--	--	--	--	--
02/27/04	16.31	UNABLE TO LOCATE - BURIED			--	--	--	--	--	--	--
05/28/04	--[n]	--[n]	9.40	91	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	--[n]	--[n]	10.61	150[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	--[n]	--[n]	9.16	170[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	--[n]	--[n]	7.21	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/09/05	--[n]	--[n]	7.71	86[o]	55	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	--[n]	--[n]	9.88	820[o,p,q]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	--[n]	--[n]	10.06	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	--[n]	--[n]	6.95	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	--[n]	--[n]	7.52	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	--[n]	--[n]	10.73	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	--[n]	--[n]	10.70	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-7 (cont)											
02/06/07	19.26	8.91	10.35	73[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	19.26	9.98	9.28	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	19.26	8.75	10.51	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	19.26	8.56	10.70	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	19.26	11.43	7.83	100[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	19.26	9.32	9.94	52[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	19.26	8.41	10.85	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	19.26	7.71	11.55	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	19.26	8.23	11.03	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	19.26	10.23	9.03	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	19.26	8.40	10.86	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**19.26**	**10.84**	**8.42**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-8											
02/14/02[i,j]	15.29	7.30	7.99	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02[k]	15.29	6.66	8.63	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02[k]	15.29	5.48	9.81	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/30/02[k]	15.29	4.85	10.44	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/24-25/03[l]	15.29	7.46	7.83	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	15.29	6.83	8.46	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	15.29	5.57	9.72	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	15.29	4.89	10.40	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	15.29	8.38	6.91	280	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	15.29	6.33	8.96	72	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	15.29	4.79	10.50	92[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	15.29	6.68	8.61	53[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	15.29	8.79	6.50	<50[o]	<50	<0.5	0.9	<0.5	<1.5	<2.5	--
06/09/05	15.29	8.26	7.03	63[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	15.29	6.18	9.11	<50[o,p]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	15.29	5.47	9.82	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	15.29	8.60	6.69	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	15.29	8.21	7.08	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	15.29	6.57	8.72	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	15.29	6.38	8.91	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	17.79	8.39	9.40	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	17.79	9.33	8.46	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-8 (cont)											
08/17/07	17.79	8.18	9.61	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	17.79	8.04	9.75	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	17.79	10.44	7.35	120[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	17.79	8.69	9.10	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	17.79	7.89	9.90	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	17.79	7.30	10.49	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	17.79	7.86	9.93	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	17.79	9.60	8.19	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	17.79	7.95	9.84	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**17.79**	**10.27**	**7.52**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-9											
04/20/07[i]	18.42	10.39	8.03	1,100[o]	4,100	28	6.9	9.2	240	--	--
06/22/07	18.42	8.82	9.60	310[o]	500	4.4	<0.5	<0.5	12	--	--
08/17/07	18.42	8.67	9.75	92[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.42	8.40	10.02	470[o]	92	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.42	11.08	7.34	390[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	18.42	9.16	9.26	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.42	8.31	10.11	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	18.42	7.64	10.78	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.42	8.15	10.27	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.42	10.11	8.31	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.42	8.33	10.09	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.42**	**10.70**	**7.72**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-10											
04/20/07[i]	17.99	8.35	9.64	260[o]	1,200	29	31	11	140	--	--
06/22/07	17.99	8.29	9.70	110[o]	<50	1.5	<0.5	<0.5	<1.5	--	--
08/17/07	17.99	7.81	10.18	53[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	17.99	6.90	11.09	140[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	17.99	9.65	8.34	330[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	17.99	8.28	9.71	120[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	17.99	7.50	10.49	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	17.99	6.67	11.32	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-10 (cont)											
02/09/09	17.99	7.19	10.80	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	17.99	8.96	9.03	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	17.99	7.41	10.58	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**17.99**	**9.11**	**8.88**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-11											
04/20/07[i]	18.68	9.88	8.80	350[o]	77	<2.0	4.6	<0.5	3.2	--	--
06/22/07	18.68	9.35	9.33	140[o]	51	<0.5	<0.5	<0.5	<1.5	--	--
08/17/07	18.68	8.66	10.02	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.68	8.47	10.21	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.68	11.10	7.58	84[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	18.68	9.20	9.48	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.68	8.37	10.31	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	18.68	7.63	11.05	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.68	8.17	10.51	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.68	10.12	8.56	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.68	8.34	10.34	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.68**	**10.70**	**7.98**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-12											
04/20/07[i]	18.46	12.88	5.58	430[o]	400	2.3	40	14	49	--	--
06/22/07	18.46	7.75	10.71	390[o]	<50	0.7	1.1	<0.5	4.3	--	--
08/17/07	18.46	7.91	10.55	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.46	6.96	11.50	200[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.46	8.62	9.84	200[o]	51	0.9	<0.5	<0.5	<1.5	--	--
02/05/08	18.46	8.80	9.66	66[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.46	6.40	12.06	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	18.46	6.20	12.26	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.46	6.53	11.93	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.46	8.64	9.82	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.46	6.41	12.05	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.46**	**8.08**	**10.38**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-13											
04/20/07[i]	18.43	9.46	8.97	140[o]	650	16	23	7.5	61	--	--
06/22/07	18.43	8.99	9.44	400[o]	<50	0.6	0.9	<0.5	<1.5	--	--
08/17/07	18.43	8.53	9.90	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.43	8.37	10.06	350[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.43	10.85	7.58	57[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	18.43	8.99	9.44	100[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.43	8.18	10.25	78[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	18.43	7.53	10.90	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.43	8.00	10.43	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.43	9.93	8.50	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.43	8.20	10.23	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.43**	**10.51**	**7.92**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-14											
04/20/07[i]	18.59	8.17	10.42	2,000[o]	16,000	550	1,600	620	2,400	--	--
06/22/07	18.59	7.55	11.04	1,300[o]	3,700	190	150	49	580	--	--
08/17/07	18.59	7.82	10.77	780[o]	2,600	74	54	11	220	--	--
11/16/07	18.59	7.58	11.01	690[o]	850	45	3.5	14	32	--	--
02/05/08	18.59	8.99	9.60	160[o]	450	16	2.7	7.6	3.0	--	--
05/20/08	18.59	7.69	10.90	120[o]	<50	0.7	<0.5	<0.5	<1.5	--	--
08/06/08	18.59	7.35	11.24	88[o]	<50	0.9	<0.5	<0.5	<1.5	--	--
12/05/08	18.59	6.83	11.76	<50[o]	100	1.7	0.5	<0.5	<1.5	--	--
02/09/09	18.59	7.11	11.48	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.59	8.01	10.58	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.59	7.48	11.11	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.59**	**8.72**	**9.87**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-15											
04/20/07[i]	18.38	9.78	8.60	720[o]	240	1.0	1.3	<0.5	20	--	--
06/22/07	18.38	9.09	9.29	150[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/17/07	18.38	8.65	9.73	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.38	8.41	9.97	140[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.38	10.97	7.41	52[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	18.38	9.12	9.26	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.38	8.30	10.08	190[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-15 (cont)											
12/05/08	18.38	7.58	10.80	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.38	8.12	10.26	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.38	10.02	8.36	53[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.38	8.30	10.08	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.38**	**10.61**	**7.77**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-16											
04/20/07[i]	18.57	8.75	9.82	2,200[o]	15,000	87	1,200	500	2,000	--	--
06/22/07	18.57	8.20	10.37	2,100[o]	10,000	130	1,800	580	1,400	--	--
08/17/07	18.57	7.81	10.76	640[o]	8,200	110	1,400	280	730	--	--
11/16/07	18.57	7.54	11.03	370[o]	1,600	22	270	60	160	--	--
02/05/08	18.57	9.74	8.83	350[o]	930	2.6	15	9.3	18	--	--
05/20/08	18.57	8.26	10.31	79[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.57	7.49	11.08	74[o]	<50	<0.5	<0.5	0.6	<1.5	--	--
12/05/08	18.57	6.80	11.77	89[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.57	7.18	11.39	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.57	8.92	9.65	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.57	7.52	11.05	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.57**	**9.36**	**9.21**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-17											
04/20/07[i]	18.55	-0.95	19.50	1,300[o]	7,400	66	880	300	1,300	--	--
06/22/07	18.55	8.21	10.34	690[o]	2,000	35	27	9.3	360	--	--
08/17/07	18.55	2.33	16.22	240[o]	380	6.7	2.3	0.5	15	--	--
11/16/07	18.55	3.22	15.33	270[o]	190	4.0	4.0	1.5	27	--	--
02/05/08	18.55	4.94	13.61	460[o]	1,000	16	26	49	60	--	--
05/20/08	18.55	8.29	10.26	89[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.55	5.82	12.73	150[o]	180	2.5	2.0	2.8	1.5	--	--
12/05/08	18.55	6.62	11.93	120[o]	360	3.4	<2.0[y]	0.7	<1.5	--	--
02/09/09	18.55	6.68	11.87	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.55	8.79	9.76	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.55	7.51	11.04	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.55**	**8.92**	**9.63**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
AS-1											
02/25/10[i]	--	--	**7.63**	--	--	--	--	--	--	--	--
AS-2											
02/25/10[i]	--	--	**8.05**	--	--	--	--	--	--	--	--
AS-3											
02/25/10[i]	--	--	**8.12**	--	--	--	--	--	--	--	--
AS-4											
02/25/10[i]	--	--	**7.98**	--	--	--	--	--	--	--	--
AS-5											
02/25/10[i]	--	--	**7.80**	--	--	--	--	--	--	--	--
AS-6											
02/25/10[i]	--	--	**8.04**	--	--	--	--	--	--	--	--
AS-7											
02/25/10[i]	--	--	**8.01**	--	--	--	--	--	--	--	--
AS-8											
02/25/10[i]	--	--	**7.94**	--	--	--	--	--	--	--	--
MW-1											
10/27/95	15.69	10.54	5.15	--	170,000	19,000	34,000	4,800	26,000	--	--
02/20/97	15.64	8.96	6.68	--	18,000	870	3,500	470	2,100	<250	--
04/24/97	15.64	7.30	8.34	--	76,000	4,600	16,000	1,600	8,300	1,000	--
07/23/97	15.64	5.90	9.74	--	37,000	2,700	8,000	870	6,100	<250	--
10/29/97	15.64	INACCESSIBLE		--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-1 (cont)											
01/28/98	15.64	9.30	6.34	--	10,000	380	2,000	300	1,500	<25	--
05/11/98	15.64	8.72	6.92	--	17,000	880	3,100	380	2,300	<250	--
07/16/98	15.64	7.23	8.41	--	29,000	2,700	6,800	890	3,900	<1,000	--
08/04/98[a]	15.64	6.90	8.74	--	--	--	--	--	--	--	<1.0 x
09/03/98[a]	15.64	6.43	9.21	--	--	--	--	--	--	--	4.1 x 1
10/21/98[b]	15.64	5.59	10.05	--	--	--	--	--	--	--	4.7 x 1
11/04/98	15.64	5.64	10.00	--	25,000	1,900	5,900	810	4,300	<125	--
01/26/99	15.64	6.86	8.78	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	15.64	8.17	7.47	--	8,050	515	1,840	256	1,190	300/<20[c]	--
08/21/99	15.64	13.27	2.37	--	46,500	2,530	8,700	1,010	5,300	<1,250/<40[c]	--
10/28/99	15.64	5.46	10.18	--	31,600	1,580	6,100	794	4,400	1,270	--
01/31/00	15.64	7.49	8.15	--	7,270	366	1,280	171	935	<12.5	--
05/19/00	15.64	7.78	7.86	--	8,000[e]	870	1,200	430	1,200	<250	--
08/07/00	15.64	6.42	9.22	--	37,000[e]	2,400	8,500	1,100	5,500	1,500/<4.0[f]	--
12/01/00	15.64	5.25	10.39	--	25,500[g]	1,390	4,920	801	4,330	<500/<10[f]	--
02/09/01	15.64	6.10	9.54	--	8,900[e]	850	1,300	470	1,700	820/<2.0[f]	--
05/29/01	15.64	6.79	8.85	--	24,000[e]	1,800	5,600	740	3,700	<250/<2.0[f]	--
08/27/01[h]	15.64	5.83	9.81	--	27,000	1,400	4,400	710	3,400	<20[f]	--
11/28/01	15.64	5.84	9.80	--	26,000	1,300	3,900	620	3,400	<100/<2[f]	--
02/14/02	15.63	8.34	7.29	--	1,400	100	360	45	240	9.3/<2[f]	--
05/15/02	15.63	7.18	8.45	--	37,000	2,400	7,300	1,000	4,800	<100/<3.0[f]	--
08/05/02	15.63	6.09	9.54	--	27,000	1,500	4,600	700	3,400	<100/<3.0[f]	--
DESTROYED											
TRIP BLANK											
02/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/16/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/04/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/26/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/31/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
TRIP BLANK (cont)											
05/19/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/07/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/01/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/27/01[h]	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0[f]	--
QA				--							
11/28/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/14/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/30/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/24-25/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/09/05	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	--	--	--		<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
04/20/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/22/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/17/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/29/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
QA (cont)											
08/06/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 19, 2000 were compiled from 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-D = Total Petroleum Hydrocarbons as Diesel
TPH-G = Total Petroleum Hydrocarbons as Gasoline
TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
CUB = Contaminate utilizing bacteria
(cfu/ml) = Colony forming unit per milliliter
(µg/L) = Micrograms per liter
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on May 30, 2007, by Morrow Surveying. Vertical Datum is NAVD 88 from GPS observations.
Gettler-Ryan received updated TOC data March 12, 2007. Vertical Datum is NAVD 88 from GPS observations.
TOC elevations were surveyed on August 17, 2005, by Morrow Surveying.
On February 18, 2003, MW-1A was surveyed using the previous benchmark.
TOC elevations were surveyed on December March 4, 2002, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, #25-H monument disk in well casting in sidewalk at the northwest corner of 7th and Center. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83), (Benchmark Elevation = 10.784 feet NGVD 29).

[a] Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.
[b] Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.
[c] Confirmation run.
[d] Chromatogram pattern indicates an unidentified hydrocarbon.
[e] Laboratory report indicates gasoline C6-C12.
[f] MTBE by EPA Method 8260.
[g] Laboratory reports indicates weathered gasoline C6-C12.
[h] TPH-G and BTEX by EPA Method 8260.
[i] Well development performed.
[j] TPH-D was detected at 130 ppb.
[k] TPH-D was <50 ppb.
[l] Well re-development performed.
[m] Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
[n] TOC damaged; unable to calculate an accurate GWE.
[o] Analyzed with silica gel clean-up.
[p] Laboratory report indicates analysis performed out of hold time.
[q] Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
[r] Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel.

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

EXPLANATIONS:

[s] Laboratory report indicates the analysis was performed from a previously opened vial and the results are therefore estimated.

[t] Laboratory report indicates the observed sample pattern includes #2 fuel/diesel, an additional pattern which elutes later in the DRO range, and individual peaks eluting in the DRO range.

[u] Laboratory confirmed result.

[v] Current laboratory analytical results do not coincide with historical data and although laboratory results were confirmed; it appears that the samples were switched.

[w] Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

[x] Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for total xylenes. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

[y] Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for toluene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

[z] Laboratory report indicates DRO was detected in the method blank at a concentration of 50 µg/L. Due to insufficient sample volume, a repeat analysis could not be performed to confirm the results.

[aa] Laboratory report indicates the ending calibration check standard did not meet the 15% criteria for the original analysis. The sample was reanalyzed from the vial with headspace and the result was <50 µg/L.

Table 2

Field Measurements and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	Pre-purge DO *(mg/L)*	Post-purge D.O. *(mg/L)*	Pre-purge ORP *(mV)*	Post-purge ORP *(mV)*	Total Alkalinity *(µg/L)*	Ferrous Iron *(µg/L)*	Nitrate as Nitrate *(µg/L)*	Sulfate *(µg/L)*
MW-1								
09/03/98	2.3	1.6	-90	-103	230,000	9,800	<1,000	6,100
MW-2								
09/03/98	2.8	2.5	-206	-163	390,000	7,400	<1,000	21,000
MW-3								
09/03/98	3.1	0.7	-124	-99	830,000	45,000	<1,000	10,000
MW-4								
09/03/98	2.6	1.1	-190	-206	--	--	--	--
MW-6								
09/03/98	2.6	3.2	-148	-167	94,000	62	28,000	47,000
MW-7								
09/03/98	2.7	3.2	-207	-229	170,000	120	7,800	57,000

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

D.O. = Dissolved Oxygen
(mg/L) = Milligram per liter
ORP = Oxidation Reduction Potential
(mV) = Millivolts
(µg/L) = Micrograms per liter
-- = Not Analyzed

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID	DATE	METHANOL (mg/L)	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-1	08/07/00	--	<1,000	410	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	12/01/00	--	<2,500	<250	<10	<10	<10	<10	<10	<10
	02/09/01	--	<500	340	<2.0	<2.0	<2.0	53	<2.0	<2.0
	05/29/01	--	<500	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	<2.000	<200	230	<20	<20	<20	<20	<20	<20
	11/28/01	--	<500	130	<2	<2	<2	<2	<2	<2
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	05/15/02	--	<500	120	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08/05/02	--	<500	100	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	DESTROYED									
MW-2	08/07/00		<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
MW-3	08/07/00	--	<500	2,600	<10	<10	<10	<10	490	17
	02/09/01	--	<500	2,000	<2.0	<2.0	<2.0	35	<2.0	<2.0
	05/29/01	--	<500	1,700[1]	<2.0	<2.0	<2.0	38	980[1]	7.4
	08/27/01	<5.000	<250	1,300	<25	<25	<25	<25	380	<25
	11/28/01	--	<500	1,500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	05/15/02	--	<500	110	<2	<2	<2	<2	120	<2
	08/05/02	--	<1,000	1,400	<10	<10	<10	<10	670	<10
	11/30/02	--	<1,000	1,200	<10	<10	<10	<10	380	<10
MW-4	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	18	<2.0
	08/27/01	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
	11/28/01	DRY	--	--	--	--	--	--	--	--
	02/14/02	--	<500	<100	<2	<2	<2	<2	9	<2
	05/15/02	--	<500	<100	<2	<2	<2	<2	4	<2
	08/05/02	DRY	--	--	--	--	--	--	--	--
	11/30/02	DRY	--	--	--	--	--	--	--	--
MW-5	12/01/00	--	<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	02/09/01	--	<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--
	11/28/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID	DATE	METHANOL (mg/L)	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)	05/15/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	08/05/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	11/30/02	--	<500	<100	<2	<2	<2	<2	<2	<2
MW-6	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
	11/30/02	DRY	--	--	--	--	--	--	--	--
MW-7	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
MW-8	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2

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 = 1,2-Dibromoethane
(mg/L) = milligrams per liter
(µg/L) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method 8260 (modified) for Methanol
EPA Method 8260 for Oxygenate Compounds

[1] Laboratory report indicates this sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.

APPENDIX E

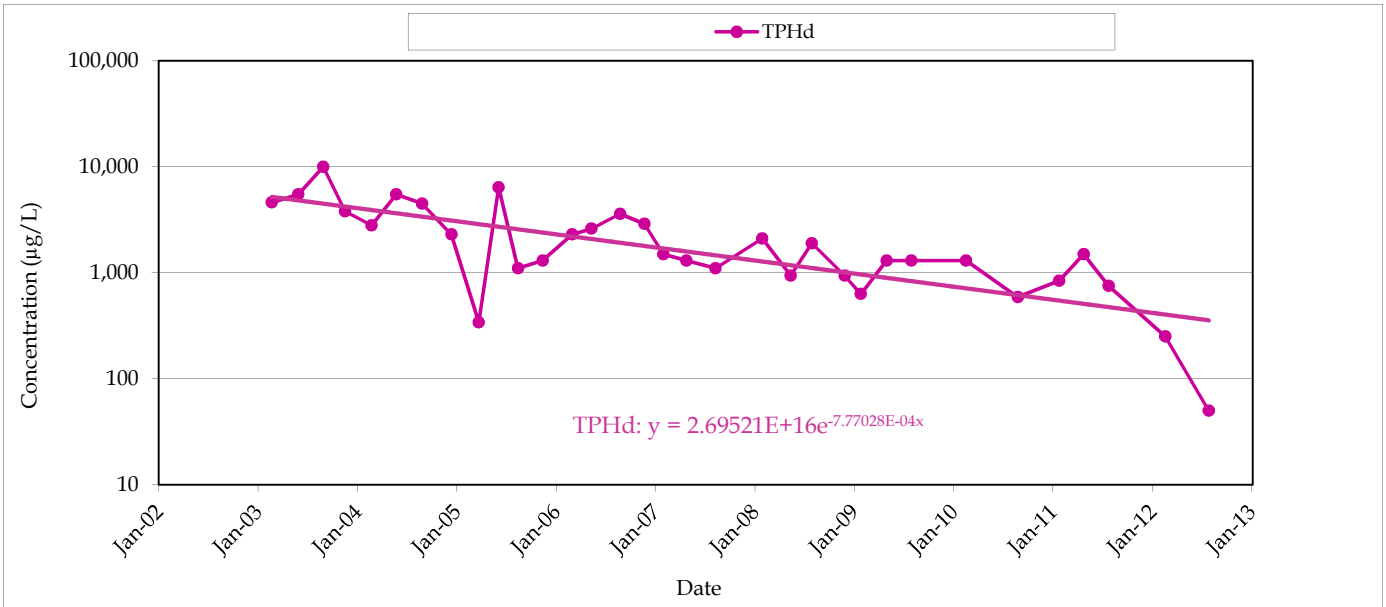
TREND GRAPHS AND DEGRADATION CALCULATIONS

MW-1A
PREDICTED TIME TO REACH ENVIRONMENTAL SCREENING LEVELS
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, 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 Diesel (TPHd)
Given		
ESL :	y	100
Constant:	b	2.69210E+16
Constant:	a	-7.77028E-04
Starting date for current trend:		2/24/2003
Calculate		
Attenuation Half Life (years):	(-ln(2)/a)/365.25	2.44
Estimated Date to Reach ESL:	(x = ln(y/b) / a)	Jan 2017



FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

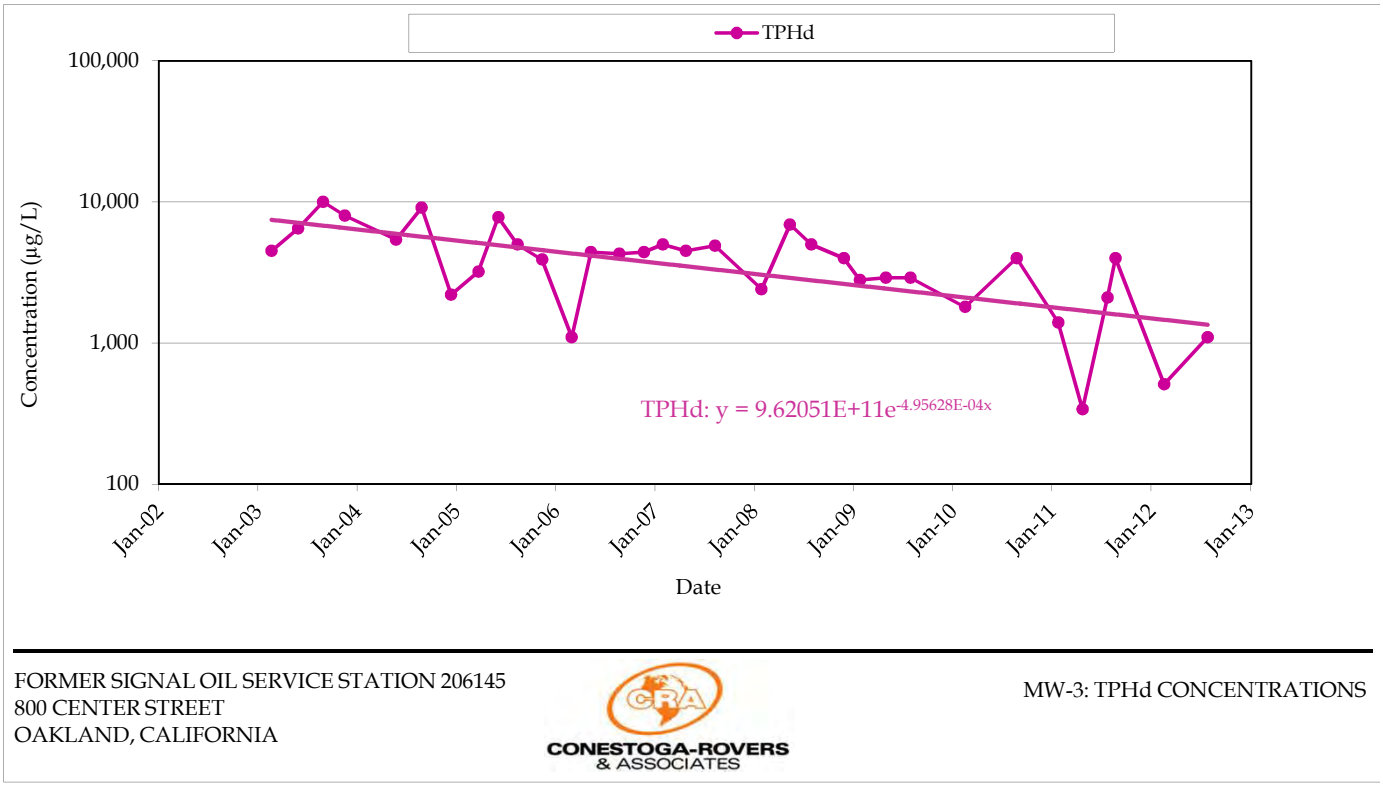
MW-1D: TPHd CONCENTRATIONS

MW-3
PREDEICTED TIME TO REACH ENVIRONMENTAL SCREENING LEVELS
FORMER SIGNAL OIL STATION 206145
800 CENTER STREET, OAKLAND, 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 Diesel (TPHd)
Given			
ESL :		y	100
Constant:		b	9.62051E+11
Constant:		a	-4.95628E-04
Starting date for current trend:			2/24/2003
Calculate			
Attenuation Half Life (years):	(-ln(2)/a)/365.25		3.83
Estimated Date to Reach ESL:	(x = ln(y/b) / a)		Dec 2026



FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

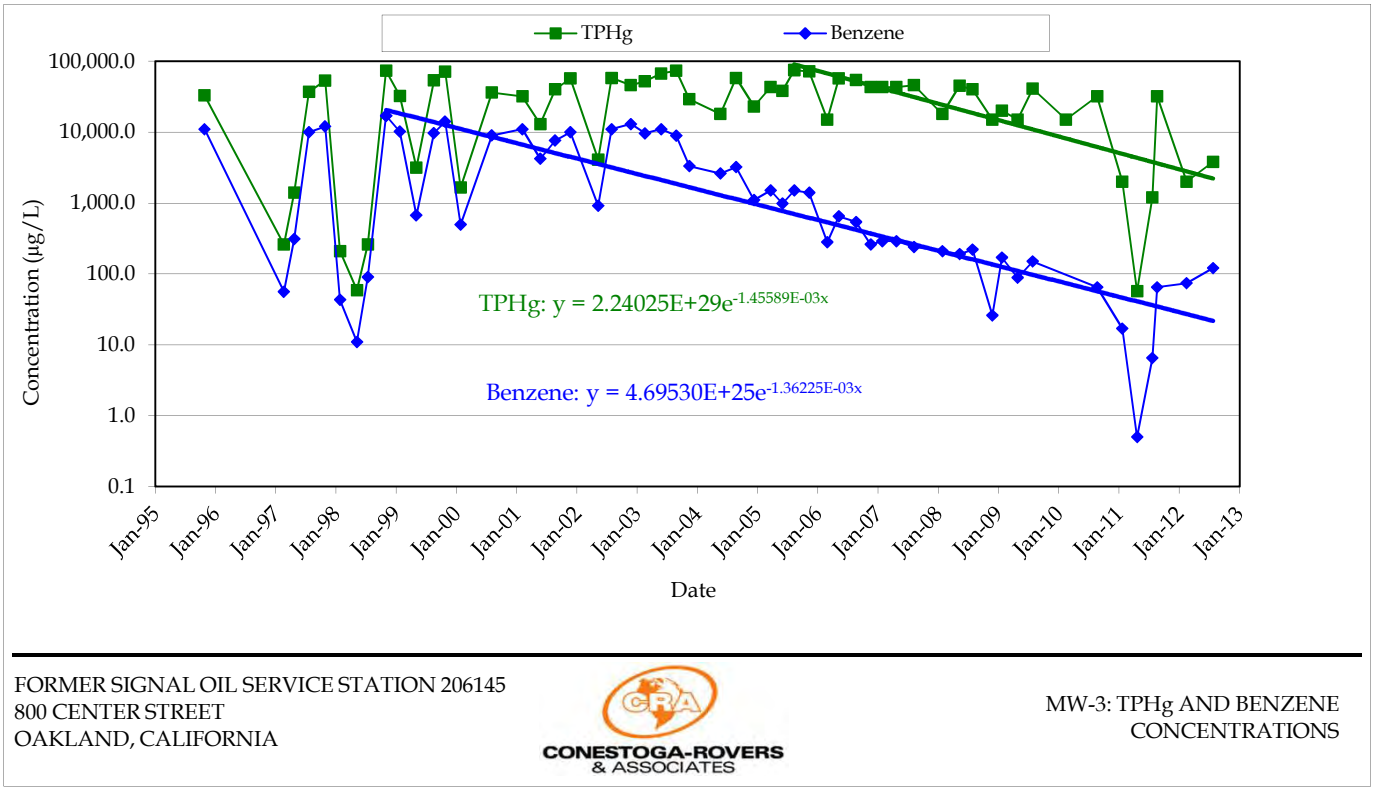
MW-3: TPHd CONCENTRATIONS

MW-3
PREDICTED TIME TO REACH ENVIRONMENTAL SCREENING LEVELS
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, 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				
ESL :		y	100	5
Constant:		b	2.24025E+29	4.69530E+25
Constant:		a	-1.45589E-03	-1.36225E-03
Starting date for current trend:			8/19/2005	11/4/1998
Calculate				
Attenuation Half Life (years):	(-ln(2)/a)/365.25		1.30	1.39
Estimated Date to Reach ESL:	(x = ln(y/b) / a)		Jun 2018	Jul 2015



FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

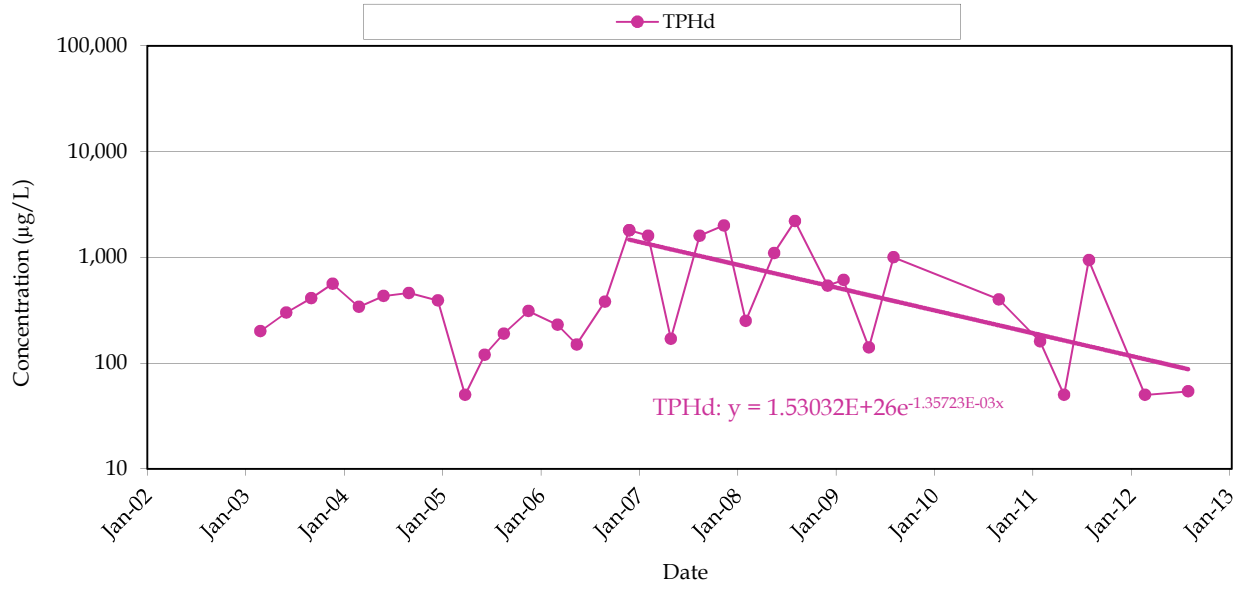
MW-3: TPHg AND BENZENE CONCENTRATIONS

MW-4
PREDICTED TIME TO REACH ENVIRONMENTAL SCREENING LEVELS
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, 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 Diesel (TPHd)
Given			
ESL :		y	100
Constant:		b	1.53E+26
Constant:		a	-1.36E-03
Starting date for current trend:			2/25/2003
Calculate			
Attenuation Half Life (years):	(-ln(2)/a)/365.25		1.40
Estimated Date to Reach ESL:	(x = ln(y/b) / a)		May 2012



FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

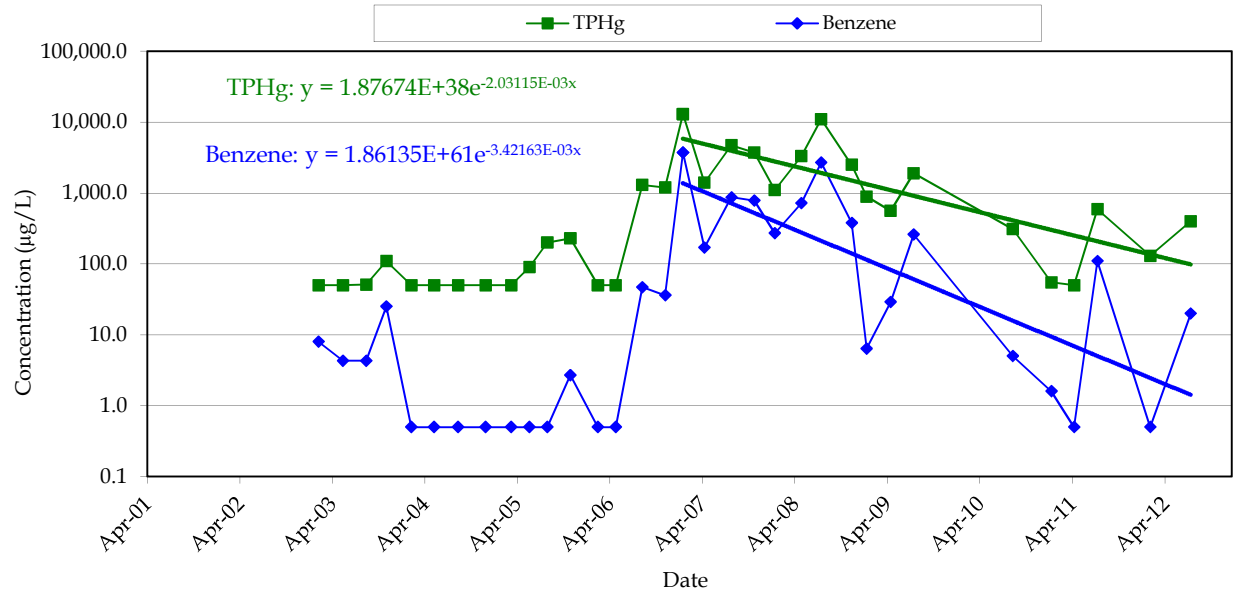
MW-4: TPHg AND TPHd CONCENTRATIONS

MW-3
PREDICTED TIME TO REACH ENVIRONMENTAL SCREENING LEVELS
FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET, OAKLAND, 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			
ESL :	y	100	5
Constant:	b	1.87674E+38	1.87670E+38
Constant:	a	-2.03115E-03	-2.03115E-03
Starting date for current trend:		2/6/2007	2/6/2007
Calculate			
Attenuation Half Life (years):	(-ln(2)/a)/365.25	0.93	0.93
Estimated Date to Reach ESL:	(x = ln(y/b) / a)	Jul 2012	Aug 2016



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