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TRANSMITTAL

DATE: 10/3/14 **REFERENCE NO.:** 311959

PROJECT NAME: Former Chevron Station 91026

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

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

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other Alameda County FTP Site

QUANTITY	DESCRIPTION
1	Revised Conceptual Site Model and Low-Threat Case Closure Request

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

COMMENTS:
Should you have any questions or require additional information, please contact Nathan Lee at (925) 849-1003.

Copy to: Ms. Alexis Fischer
Mr. Gary Bankhead, Kaiser Hospital
Heitzinger Associates

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

Filing: **Correspondence File**

Alexis Fischer
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6441
afischer@chevron.com

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

Re: Former Chevron Service Station No. 91026
3701 Broadway
Oakland, CA

I have reviewed the attached report entitled *Revised Conceptual Site Model and Low-Threat Case Closure Request*.

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

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

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

Sincerely,

Alexis Fischer
Project Manager

Attachment: *Revised Conceptual Site Model and Low-Threat Case Closure Request*

Revised

CONCEPTUAL SITE MODEL AND LOW-THREAT CASE CLOSURE REQUEST

FORMER CHEVRON STATION 91026
3701 BROADWAY
OAKLAND, CALIFORNIA
AGENCY CASE NO. RO0000500

Prepared For:

Mr. Mark Detterman
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
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OCTOBER 3, 2014
REF. NO. 311959 (8)
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Revised

CONCEPTUAL SITE MODEL AND LOW-THREAT CASE CLOSURE REQUEST

FORMER CHEVRON STATION 91026
3701 BROADWAY
OAKLAND, CALIFORNIA
AGENCY CASE NO. RO0000500

N. Scott MacLeod, PG 5747

Prepared by:
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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) is submitting this *Revised Conceptual Site Model and Low-Threat Case Closure Request* on behalf of Chevron Environmental Management Company (Chevron) for Chevron Service Station No. 91026 located at 3701 Broadway, Oakland, California (Figure 1). The site meets general and media-specific criteria and should be closed under the *Low-Threat Underground Storage Tank Case Closure Policy* (LTCP). The LTCP was adopted in 2013 by the State Water Board to provide standard statewide closure criteria for low-threat underground storage tank (UST) sites that are subject to Chapter 6.7 of Division 20 of the Health and Safety Code and Chapter 16 of Division 3 of Title 23 of the California Code of Regulations. A Conceptual Site Model (CSM), an evaluation of the site conditions with respect to the LTCP case closure criteria, and conclusions and recommendations are presented herein.

2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

The site is a former Chevron service station located on the northern corner of the intersection of Broadway and MacArthur Boulevard in Oakland, California (Figure 1). Based on aerial photographs and Sanborn Fire Insurance Maps, the site appears to have been an active service station prior to 1939. In 1988, the station was closed and all structures removed. The site was used for parking until 2006. In 2007, Kaiser Permanente (Kaiser) began construction of a medical office building that occupies a majority of the site (Figure 2). Prior to and during this construction, a majority of the hydrocarbon source mass was excavated from the site. Surrounding land use is a mixture of commercial, retail, and residential. Moswood Park is located to the south of the site, across MacArthur Boulevard.

2.2 PREVIOUS ENVIRONMENTAL WORK

A total of fourteen groundwater monitoring wells have been installed to date. Due to site redevelopment, there are currently only four active monitoring wells (monitoring wells E, F, EA-1 and EA-2). In June 1991, wells B-6 and B-7 were destroyed, well B was reconstructed, and in October 1992, wells E, F, and B-1 were also reconstructed. There is no information regarding onsite wells B-5 and C and it is assumed they have been destroyed as part of redevelopment activities. In order to facilitate remedial and redevelopment excavation, all remaining onsite wells were destroyed by pressure

grouting in June 2006. A summary of previous environmental investigation and remediation is included as Appendix A.

2.3 SITE GEOLOGY

The site is approximately 73 feet above mean sea level and surrounding topography is relatively flat. The site is located in the East Bay Plain Groundwater Basin on the eastern flank of the San Francisco Basin, a broad Franciscan Complex depression. The East Bay Plain is characterized by broad westward slopping alluvial fan deposits of Holocene to Pleistocene age. Franciscan Formation bedrock underlies the alluvial deposits at depth (150 to 180 fbg). Boring logs indicate the site is underlain primarily by clay interbedded with silt, clayey and silty sand and occasional gravel to the total depth explored of 37 fbg. Boring logs are included as Appendix B and geologic cross-sections are included as Figures 3 through 10.

2.4 SITE HYDROGEOLOGY

This site is located over the East Bay Plain Groundwater Basin. Groundwater in this basin is designated potentially beneficial for drinking water. Groundwater beneath the site flows toward the southwest and has historically ranged from approximately 8 to 21 fbg with an average depth of approximately 14 fbg. Historical depth to groundwater measurements are presented in Table 1 and a groundwater flow direction rose diagram is included on Figure 2.

3.0 CONCEPTUAL SITE MODEL

3.1 HYDROCARBON SOURCE

According to Chevron records, a rusted fuel filter at the eastern pump island resulted in a subsurface release of gasoline in 1977. In 1988, Blaine Tech Services, Inc. (Blaine) removed the second generation USTs. No holes were observed in the fuel or used-oil USTs, but 1/8-inch of light non-aqueous phase liquid (LNAPL) was observed on groundwater in the gasoline/used-oil UST pit.

3.2 HYDROCARBON DISTRIBUTION

Primary constituents of potential concern (COPC) beneath the site are benzene and ethylbenzene. Other COPCs are total petroleum hydrocarbons as gasoline (TPHg),

toluene, ethylbenzene, and xylenes. No methyl tertiary butyl ether (MTBE) is detected in soil or groundwater at concentrations requiring action and therefore is not a COPC. A discussion of hydrocarbon distribution is presented below.

3.2.1 LNAPL

LNAPL was first observed in monitoring wells in 1982 and was extracted between 1983 and 1987. Over 200 gallons of LNAPL/water mixture were removed from wells during this period. LNAPL removal resumed between June 1993 and March 1995, and an additional 32 gallons of LNAPL was removed from wells B, B-2 and B-3. During station removal in 1988, a total of approximately 3,500 gallons of LNAPL and groundwater were removed from the excavation. Product skimmers were installed in wells B and B-2 in 2001, and were maintained monthly by Gettler-Ryan until 2004. No report was issued documenting removal of the skimmers or the amount of groundwater and hydrocarbons removed. LNAPL was detected in well B until it was destroyed in 2006. This location was subsequently excavated.

3.2.2 SOIL

Residual maximum analyte concentrations detected in soil include:

- Total oil and grease (TOG) at 14,000 mg/kg in sample WOM at 10 fbg (sample collected in April 1988)
- Total petroleum hydrocarbons as motor oil (TPHmo) at 2,900 mg/kg in sample A1-17 at 15 fbg (sample collected in June 2007)
- Total petroleum hydrocarbons as diesel (TPHd) at 4,300 mg/kg in sample WOM at 10 fbg (sample collected in April 1988)
- Total petroleum hydrocarbons as gasoline (TPHg) at 11,000 mg/kg in sample SB26 at 20.5 fbg (sample collected in January 2006)
- Benzene at 31 mg/kg in sample SB19 at 18 fbg (sample collected in January 2006)
- Toluene at 320 mg/kg in sample SB20 at 18.5 fbg (sample collected in January 2006)
- Ethylbenzene at 100 mg/kg in sample SB20 at 18.5 fbg (sample collected in January 2006)
- Total Xylenes at 600 mg/kg in sample SB20 at 18.5 fbg (sample collected in January 2006)

- Naphthalene at 32 mg/kg in sample SB20 at 18.5 fbg (sample collected in January 2006)
- Chromium at 68 mg/kg in sample SB15 at 10 fbg (sample collected in January 2006)
- Cadmium at 0.65 mg/kg in sample SB15 at 10 fbg (sample collected in January 2006)
- Lead at 29 mg/kg in sample A1-17 at 15 fbg (sample collected in June 2007)
- Nickel at 180 mg/kg in sample SB15 at 10 fbg (sample collected in January 2006)
- Zinc at 71 mg/kg in sample A1-11 at 15 fbg (sample collected in June 2007)

The only MTBE detection was 0.018 mg/kg at 18 fbg in sample EX-6 collected in September 2006. No 1,2-dibromoethane (EDB) or 1,2-dichloroethane were detected. No polycyclic aromatic hydrocarbon (PAH) analyses were located.

In 1988 an unspecified amount of hydrocarbon impacted soil was over-excavated from the north and eastern sides of the UST pit, and in 2006 and 2007 a total of 7,800 cubic yards of soil were over-excavated from the site to depths ranging from 15 to 20 fbg. Residual TPHg and benzene are primarily between 15 and 20 fbg and adequately defined laterally (Figures 11 through 14). Cumulative soil data are listed in Table 2.

In terms of the LTCP criteria, residual TPHg between 0 and 10 fbg with a concentration of 100 mg/kg or greater was reported at two onsite locations: SWE-3 (350 mg/kg at 5 fbg and 220 mg/kg at 10 fbg), and SB37 (7,900 mg/kg at 10 fbg). No benzene or ethylbenzene concentrations in soil exceeded commercial/industrial LTCP criteria. This is discussed further in Section 4.2.3.

3.2.3 GROUNDWATER

Groundwater has been monitored for 24 years; historically by a total of fourteen wells and currently by four offsite wells. The other ten wells were destroyed for site redevelopment and remedial excavations. Recent groundwater data is summarized below in Table A and historic groundwater data is presented in Table 1. Monitoring well construction details are included in Table 3.

There are three current downgradient monitoring wells (E, F, and EA-1) located in the median of MacArthur Boulevard (Figure 7). Wells E and F were originally installed in 1982 with screen intervals of 5 to 20 fbg, similar to the former onsite wells. In 1992, due to insufficient groundwater, offsite wells E and F were deepened to their current screen intervals of 20 to 35 fbg and 15 to 30 fbg, respectively. Onsite well B-1 was also

deepened. After the wells were deepened, groundwater rose to approximately 12 fbg in well E and approximately 15 fbg in well F, indicating the shallow water-bearing zone is confined. Although the screens are submerged, they are screened appropriately to monitor the water-bearing zone through which groundwater is flowing.

Distribution of Hydrocarbons in Groundwater

Current groundwater analytical results for TPHg, BTEX, and MTBE are summarized below in Table A.

TABLE A: GROUNDWATER ANALYTICAL DATA
February 20, 2013

Well ID	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*MTBE (µg/L)*
E	<50	<0.5	<0.5	<0.5	<0.5	<0.5
EA-1	<50	<0.5	<0.5	<0.5	<0.5	<0.5
EA-2	<50	<0.5	<0.5	<0.5	<0.5	<0.5
F	<50	<0.5	<0.5	<0.5	<0.5	<0.5

< Indicates constituent was not detected at or above laboratory reporting limit.

As shown in Table A, no dissolved-phase hydrocarbons are detected in offsite groundwater. Offsite well EA-2, located east (crossgradient) of the site historically contained maximum concentrations of 950 µg/L TPHg and 31 µg/L benzene in December 1994; however, no hydrocarbons are currently detected, indicating the dissolved plume is shrinking back toward the former source.

3.2.4 SOIL VAPOR

On January 8, 2004, Secor collected a soil vapor sample at approximately 20 fbg from Geoprobe™ boring SB2 located adjacent to the former gasoline USTs. Details of the sampling are described in Secor's February 10, 2004 *Phase II Environmental Site Assessment Report*. No benzene, toluene, ethylbenzene, xylenes, or naphthalene were detected. TPHg was detected at 98,000 micrograms per cubic meter (µg/m^3). The laboratory report for SB2 is included as Appendix C. No other vapor samples have been collected at the site; however, the majority of the hydrocarbon impacted soil has been removed from the site to depths ranging from 15 to 20 fbg.

3.3 HYDROCARBON SOURCE REMEDIATION

Primary Source Removal

The USTs that were the primary source were removed in 1988. The fuel UST pit excavation was extended to the north and east to remove visibly contaminated soil; however, no information is available regarding the amount of soil removed by the remedial excavation. Additional information is available in Blaine's June 13, 1988 *Cumulative Report*.

Secondary Source Removal

LNAPL was first observed in monitoring wells in 1982 and was extracted between 1983 and 1987. Over 200 gallons of LNAPL/water mixture were removed from the wells during this period. LNAPL removal resumed between June 1993 and March 1995, and an additional 32 gallons of LNAPL was removed from wells B, B-2 and B-3. During station removal in 1988, a total of approximately 3,500 gallons of LNAPL and groundwater were removed from the excavation. Product skimmers were installed in wells B and B-2 in 2001, and were maintained monthly by Gettler-Ryan, Inc. (Gettler-Ryan) until 2004. No report was issued to document removal of the skimmers or the amount of groundwater and hydrocarbons removed.

In 1992, a soil vapor extraction (SVE) pilot test was conducted; however data suggested that SVE would not be effective based on relatively low extracted vapor flow rates. Additional information is available in Weiss Associates' (Weiss) April 7, 1992 *Soil Vapor Extraction Test Report*.

Excavations by Chevron and Kaiser occurred in 2006 and 2007. The Chevron excavation encompassed a 25-foot wide, 147-foot long, and 20-foot deep strip along the southern property boundary. Approximately 2,800 cubic yards of hydrocarbon impacted soil were removed from the excavation. The excavation was limited by proximity to the street and other adjacent structures. The Kaiser excavation encompassed an 80-foot wide, 125-foot long, and 15-foot deep excavation from the center to the northern property boundary. Approximately 5,000 cubic yards of hydrocarbon impacted soil were removed from the excavation. Additional information is available in Cambria Environmental Technology, Inc's (Cambria) January 24, 2007 *Site Investigation and Remedial Excavation Report* and Secor's June 11, 2008 *Soil Management Implementation Report.*

Between May 2007 and May 2008, Kaiser dewatered and discharged approximately 14,000,000 gallons of groundwater to accommodate the excavation of hydrocarbon impacted soil and to allow underground structures to be built on all properties on and between 3701 and 3799 Broadway. The groundwater was extracted by 35, 40, and 50 feet deep groundwater extraction wells evenly spaced around the perimeter of the construction areas. The water was treated, and discharged to the sanitary sewer under

an East Bay Municipal Utility District (EBMUD) Publicly Owned Treatment Works (POTW) permit and a San Francisco Regional Water Quality Control Board (SFRWQCB) National Pollutant Discharge Elimination System (NPDES) General Permit. The dewatering is detailed in Stantec's June 11, 2007 *Soil Management Implementation Plan*, July 23, 2008 *Second Quarter 2008 Report Temporary Groundwater Dewatering System*, and April 23, 2009 letter to Alameda County Environmental Health Services (ACEHS).

These remedial excavations removed the most readily available fraction of the residual hydrocarbon source mass to the extent practicable.

3.4 SENSITIVE RECEPTORS AND EXPOSURE PATHWAYS

3.4.1 SENSITIVE RECEPTOR SURVEY

The site is occupied by a Kaiser medical building and is surrounded by commercial properties. The nearest residences are located approximately 300 feet west (cross-gradient) and 350 feet northeast (up-gradient).

The site is provided water by the EBMUD. According to Geotracker's Groundwater Ambient Monitoring and Assessment (GAMA) database, no water supply wells are located within 1,000 feet of the site. The nearest water supply well is over 3 miles from the site, on Alameda Island.

CRA also reviewed online mapping services to identify other potential receptors within a 1/4-mile radius, including schools, hospitals, daycare centers, and eldercare facilities. No schools, daycare centers, or eldercare facilities were identified in the search area. The nearest schools, daycare centers and eldercare facilities are all over 2,000 feet from the site. The nearest hospital is the Kaiser building located on the site. This building contains medical offices and an outpatient clinic and was built with a waterproofing membrane along the footprint and walls of the basement, inhibiting groundwater and potential vapor entry into the basement.[1]

The nearest surface water body is the 69-inch diameter, concrete reinforced Glen Echo Creek storm drain located approximately 60 feet west (crossgradient) of the site. In 1984 (when the dissolved plume was at its maximum extent), a gasoline fingerprinting assessment confirmed the gasoline entering Lake Merritt through the storm drain was from the Rainbow Car Wash, not Chevron.[2] Glen Echo Creek is located approximately

1 Information obtained in a February 6, 2014 McCarthy Construction/CRA phone call.

2 Burlington Environmental, Inc July 1, 1991 *Well Deepening Work Plan*.

1,000 feet east of the site and Lake Merritt is located over one mile south of the site (Figure 1).

3.4.2 PREFERENTIAL PATHWAYS

In 2009, CRA obtained city sanitary sewer and storm drain maps. The locations of the sanitary sewer, storm drain, water, and electrical lines beneath MacArthur Boulevard and Broadway are illustrated on Figure 2. A 12-inch diameter storm drain and a 24-inch diameter sanitary sewer are located beneath MacArthur Boulevard between the site and wells E, F, and EA-1. Both flow west toward the 69-inch storm drain located approximately 60 feet west of the site, which trends north-south (water flows south). According to the City of Oakland utility map, the bottom of the sewer line appears to be approximately 20 fbg and the bottom of the storm drains appear to be approximately 10 fbg. The electric line is approximately 2 fbg and the water line is approximately 5 fbg.

Based on the historical depth to groundwater range of 8 to 21 fbg, water lines and electric lines, which are typically between 2 and 5 fbg, are not acting as preferential pathways for dissolved hydrocarbon migration. Groundwater depth in wells B, B-1, and B-2, located along the southern property boundary, has always measured greater than 10 fbg; therefore it is unlikely the storm drain, located in MacArthur Boulevard downgradient of the site, is acting as a preferential pathway for dissolved hydrocarbon migration. Although the sewer line is located within the groundwater table, it is 45 feet from the edge of the site, and is unlikely acting as a preferential pathway for dissolved hydrocarbon migration.

4.0 COMPARISON OF SITE CONDITIONS TO POLICY CRITERIA AND REQUEST FOR LOW THREAT CLOSURE

Discussion of site conditions with respect to LTCP criteria are provided in this section and in the check list provided in Appendix D.

4.1 GENERAL CRITERIA

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

The site is located in the City of Oakland, which obtains most of its water supply from EBMUD. Ninety percent of the water is sourced from reservoirs in the Sierra Nevada and the remaining water supply is sourced from protected local watersheds.[3]

4.1.2 THE UNAUTHORIZED RELEASE CONSISTS ONLY OF PETROLEUM

All unauthorized releases consisted of petroleum hydrocarbons generated from service station operations.

4.1.3 THE UNAUTHORIZED ("PRIMARY") RELEASE FROM THE UST SYSTEM HAS STOPPED

All station and fueling facilities were removed in 1988.

4.1.4 FREE PRODUCT HAS BEEN REMOVED TO THE MAXIMUM EXTENT POSSIBLE

Over 200 gallons of LNAPL/water mixture were removed from monitoring wells between 1983 and 1995. During station removal in 1988, a total of approximately 3,500 gallons of LNAPL and groundwater were removed from the excavation. Between 2001 and 2004 skimmers removed an unknown amount of product from wells B and B-2. Excavations by Chevron and Kaiser that occurred from 2006 to 2007 removed approximately 7,800 cubic yards of hydrocarbon impacted soil. These remedial efforts removed the LNAPL to the maximum extent practicable.

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

A conceptual site model is presented above.

---

[3] Water supply information for the City of Oakland is from EBMUD's 2011 *Annual Water Quality Report*.

4.1.6 SECONDARY SOURCE HAS BEEN REMOVED TO THE EXTENT PRACTICABLE

Remedial and redevelopment excavations in 2006 and 2007 removed approximately 7,800 cubic yards of hydrocarbon impacted soil, excavating the majority of the site. The remedial effort has removed the secondary petroleum hydrocarbon source in soil and groundwater to the extent practicable.

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

Soil and groundwater have been tested for MTBE and the analytical results are presented in Table 1 (groundwater data) and Table 2 (soil data).

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

Nuisance is defined as follows per Water Code Section 13050. All three of the following requirements must be met to cause nuisance:

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

Nuisance does not exist at the site.

4.2 MEDIA-SPECIFIC CRITERIA

4.2.1 GROUNDWATER

The LTCP has five classes that define a plume as "low threat". The site meets the LTCP criteria for Plume Class 5, specifically:

- The contaminant plume that exceeds water quality objectives is less than 100 feet long.

- Free product and residual hydrocarbon mass in soil has been removed to the maximum extent practicable via site-wide excavation.
- The nearest water supply well is over 1,000 feet from the dissolved plume boundary.
- The concrete reinforced Glen Echo Creek storm drain is located approximately 60 feet west (crossgradient) of the site. However, a gasoline fingerprinting assessment, confirmed the gasoline entering Lake Merritt through the storm drain was from the Rainbow Car Wash, not Chevron.[4]
- The site was recently redeveloped and is almost entirely covered with Kaiser's medical building. The site is expected to remain a medical building for the foreseeable future.

Therefore, site conditions meet LTCP criteria for groundwater.

4.2.2 VAPOR INTRUSION TO INDOOR AIR

It is unlikely that there is a risk of vapor intrusion to indoor air based on the following.

- The majority of the site was excavated to approximately 15-20 fbg.
- According to Kaiser Permanente's McCarthy Construction Project Manager, the Kaiser building was built with a waterproofing membrane along the footprint and walls of the basement which prevents groundwater and potential vapors from entering into the basement.

4.2.3 DIRECT CONTACT AND OUTDOOR AIR EXPOSURE

The LTCP contains concentration criteria for benzene, ethylbenzene, naphthalene, and PAHs in soil between 0 and 5 fbg and 5 to 10 fbg that are defined as "low threat" for the direct contact and outdoor air pathway for various receptors. Because this site is a Kaiser building surrounded by commercial buildings, only the commercial/industrial and utility worker LTCP criteria are evaluated. The LTCP criteria and maximum concentrations for the depth ranges are listed below in Table B.

[4] Burlington Environmental, Inc July 1, 1991 *Well Deepening Work Plan*.

TABLE B: POLICY CRITERIA AND MAXIMUM SITE SOIL CONCENTRATIONS FOR DIRECT CONTACT/OUTDOOR AIR EXPOSURE						
Location ID	**Date**	**Depth (fbg)**	**Benzene**	**Ethylbenzene**	**Naphthalene**	**PAHs**
Commercial/ Industrial*	***0 to 5 fbg***		***8.2***	***89***	***45***	***0.68***
	Volatilization to outdoor air 5 to 10 fbg		***12***	***134***	***45***	***NA***
Utility Worker*	***0 to 10 fbg***		***14***	***314***	***219***	***4.5***
SWE-4	6/22/2006	10	0.18	0.008	NS	NS
SWE-3	6/21/2006	5	<0.062	0.22	NS	NS
SB37	1/19/2006	10	<6.3	31	14	NS

All concentrations displayed in milligrams per kilogram (mg/kg)

* Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health – California State Water Resources Control Board *Low-Threat Underground Storage Tank Case Closure Policy,* Section 3: Direct Contact and Outdoor Air Exposure (August 2012)

fbg Feet Below Grade

NS Not Sampled

PAHs Poly-aromatic hydrocarbons as benzo(a)pyrene toxicity equivalent

** No concentrations at or exceeding the BaPequivalent for 16 priority pollutant PAHs (Naphthalene; Acenaphthene; Acenaphthylene; Anthracene; Benzo(a)anthracene; Benzo(a)pyrene; Benzo(b)fluoranthene; Benzo(g,h,i)perylene; Benzo(k)fluoranthene; Chrysene; Dibenz(a,h)anthracene; Fluoranthene; Fluorene; Indeno(1,2,3-cd)pyrene; Phenanthrene; Pyrene)

No analyte concentrations exceed the commercial/industrial or utility worker values as identified in Table B. Therefore, the site-specific evaluation shows that site conditions meet the LTCP criteria for the direct contact and outdoor air pathways.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on our review, the site conditions meet all the general and media-specific criteria established in the LTCP, and therefore does not pose a threat to human health, safety, and the environment, and satisfy the case-closure requirements of the Health and Safety Code section 25296.10. In addition case closure is consistent with Resolution 92-49 that requires that cleanup goals be met within a reasonable time frame.

Because no analytes are detected in groundwater and because these wells are in streets where sampling personnel are at risk of serious injury or death while sampling, CRA recommends that groundwater monitoring be suspended until ACEHS reviews this closure request.

FIGURES

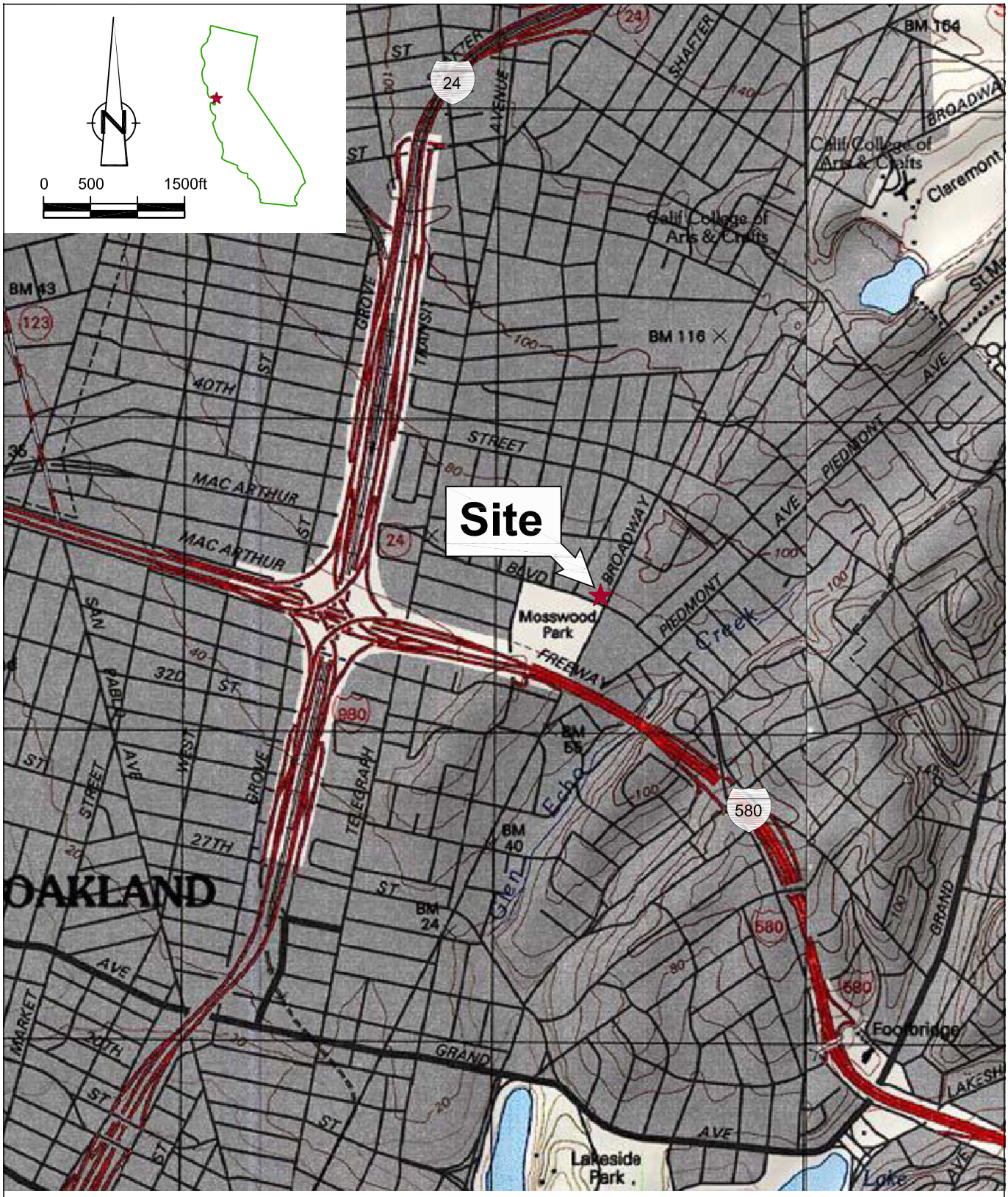


Figure 1

VICINITY MAP
FORMER CHEVRON STATION 9-1026
3701 BROADWAY
Oakland, California

311959-2011(006)GN-EM001 MAY 9/2011

LEGEND

- F — GROUNDWATER MONITORING WELL LOCATION
- A — DESTROYED MONITORING WELL LOCATION
- SB-1 — SOIL BORING LOCATION (SECOR 2006)
- CSB-1 — SOIL BORING LOCATION (CAMBRIA 2006)
- SWW-1 — SIDE WALL WEST (CAMBRIA 2006)
- SWS-1 — SIDE WALL SOUTH (CAMBRIA 2006)
- SWE-1 — SIDE WALL EAST (CAMBRIA 2006)
- SOIL SAMPLING LOCATION

FORMER CHEVRON PROPERTY BOUNDARY

KAISER MEDICAL OFFICE BUILDING

APPROXIMATE KAISER EXCAVATION BOUNDARY (2007, ~15 FBG)

APPROXIMATE CHEVRON EXCAVATION BOUNDARY (2006, ~18 TO 20 FBG)

69" STORM DRAIN

FLOW

ACCESS RAMP (FROM STREET LEVEL TO 10' BGS)

FORMER USED OIL TANK

FORMER STATION BUILDING

FORMER USTS

FORMER DISPENSER ISLANDS

FORMER UST

SOUTH GARDEN

PLANTER

BROADWAY

MAC ARTHUR BOULEVARD

SP1 SP2 SP3 SP4 SP5 SP6 SP7 SP8 SP9 SP10 SP11 SP12 SP13 SP14 SP15 SP16 SP17 SP18A SP18B

PP1 PP2 PP3 PP4

SB-1 SB-2 SB-3 SB-4 SB-13 SB-14 SB-15 SB-16 SB-17 SB-18 SB-19 SB-20 SB-21 SB-22 SB-23 SB-24 SB-25 SB-26 SB-27 SB-28 SB-29 SB-30 SB-37 SB-38 SB-39 SB-40 SB-41 SB-42 SB-43

CSB-1 CSB-2 CSB-3 CSB-4 CSB-5 CSB-6 CSB-7 CSB-8 CSB-9 CSB-10 CSB-11 CSB-12 CSB-13 CSB-14 CSB-16 CSB-17 CSB-18 CSB-19 CSB-20 CSB-22

A1-1 A1-2 A1-3 A1-4 A1-5 A1-6 A1-7 A1-8 A1-9 A1-10 A1-11 A1-12 A1-13 A1-14 A1-15 A1-16 A1-17 A1-18 A1-19 A1-20 A1-21 A1-22 A1-23 A1-24 A1-25 A1-26 A1-27 A1-28 A1-29 A1-30 A1-31 A1-32 A1-33 A1-34 A1-35 A1-36 A1-37 A1-38 A1-39 A1-40

SWW-1 SWW-2 SWW-3 SWW-4 SWW-5 SWE-1 SWE-2 SWE-3 SWE-4 SWE-5 SWS-1 SWS-2 SWS-3 SWS-4 SWS-5 SWS-6 SWS-7

EX-1 EX-2 EX-3 EX-4 EX-5 EX-6 EX-7 EX-8 EX-9 EX-10

B-1 B-2 B-3 B-4 B-5 B-6 B-7

A B C D E F

EA-1 EA-2

1,000 GAL WOM
6,000 GAL COP
500 GAL BF
6,000 GAL AF
500 GAL AOP
500 GAL BOP
#1
#2
CF
DOP
DF
AF
C

0 10 20ft

0° 90° 180° 270°

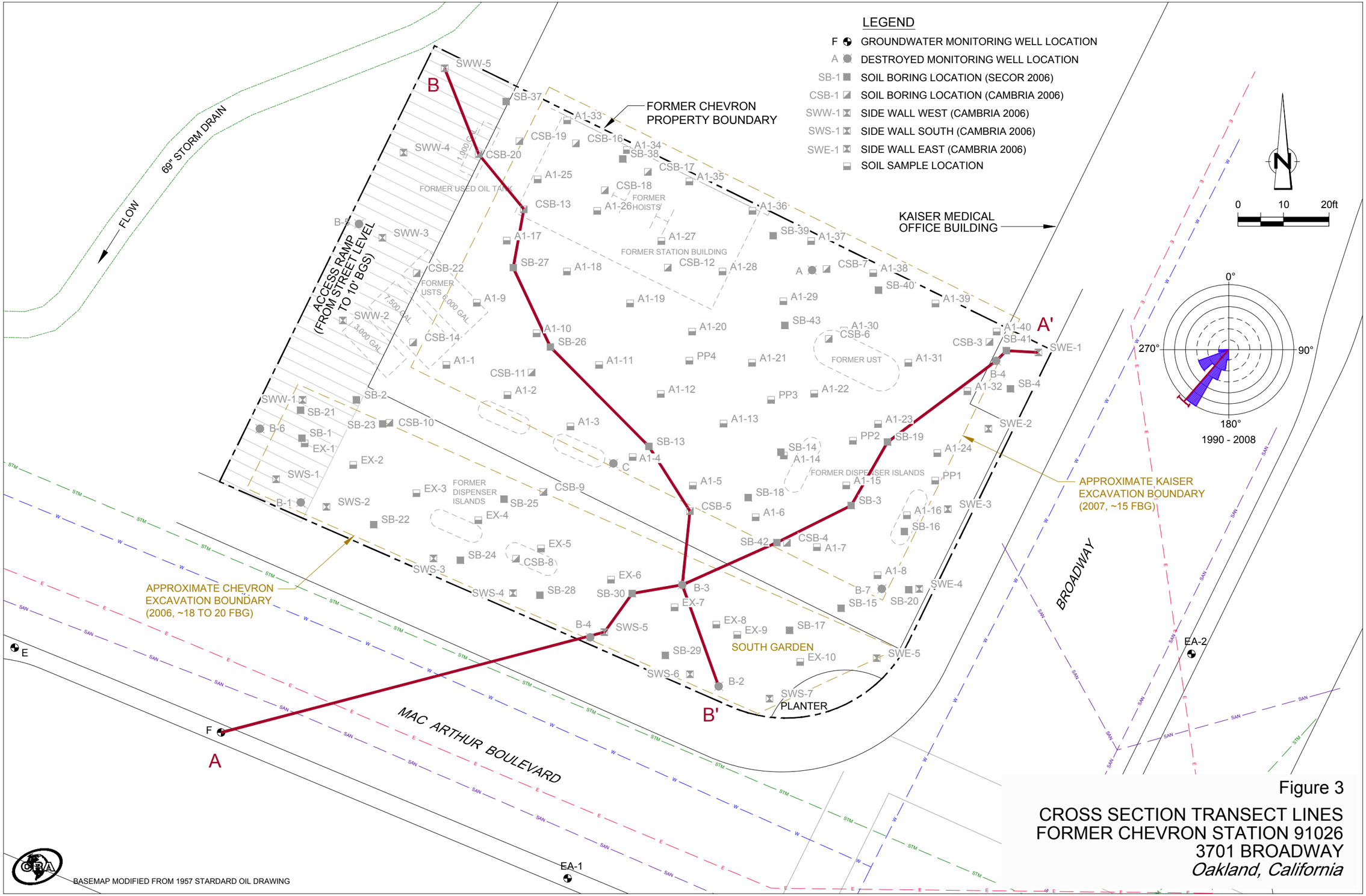
1990 - 2008

Figure 2

SITE PLAN
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING

311959-2012(008)GN-EM002 FEB 12/2014

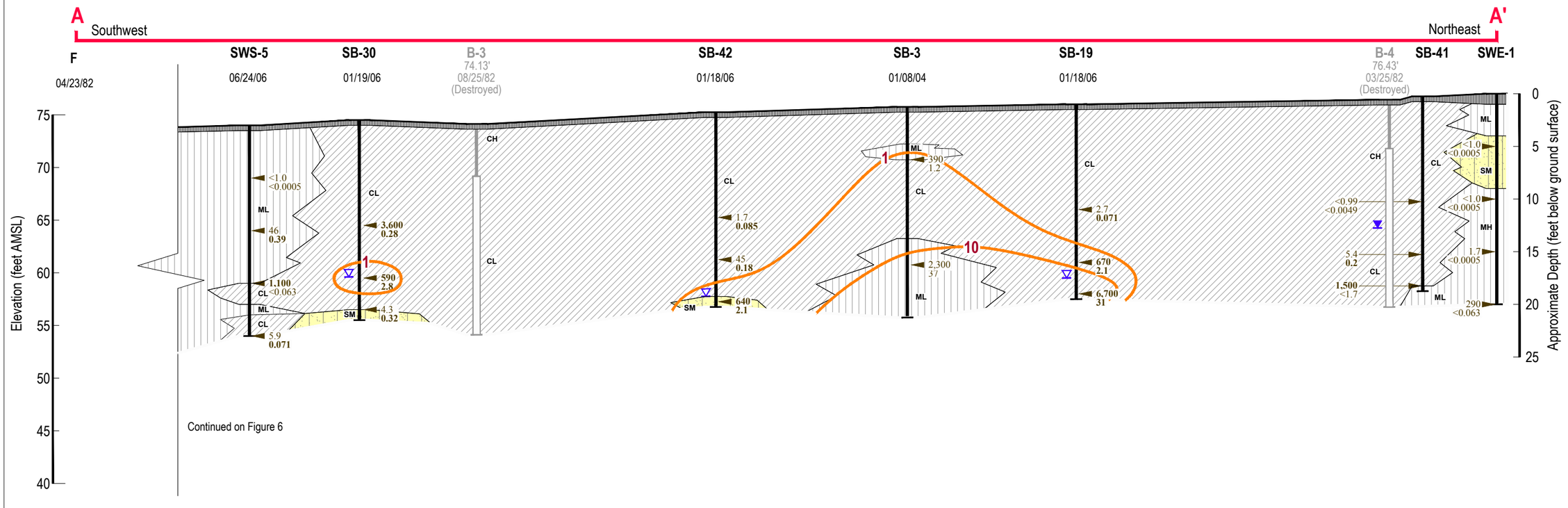


BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING

311959-2012(008)GN-EM003 FEB 12/2014

Figure 3

CROSS SECTION TRANSECT LINES
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California



EXPLANATION

- SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
- SM, SC - SILTY SANDS, SAND-SILT MIXTURES; CLAYEY SANDS, SAND-CLAY MIXTURES
- ML, MH - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS,CLAYEY SILTS WITH SLIGHT PLASTICITY; HIGH PLASTICITY (MH)
- CL, CH - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS; HIGH PLASTICITY (CH)
- 10 — Benzene concentration contour
- TPHg / Benzene — Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)

Well ID / Elev. — Well Designation; Top of Casing Elevation

- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Approximate sample location
- Approximate depth of Groundwater (03/03/09)
- First Encountered Groundwater

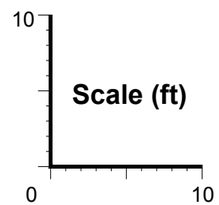
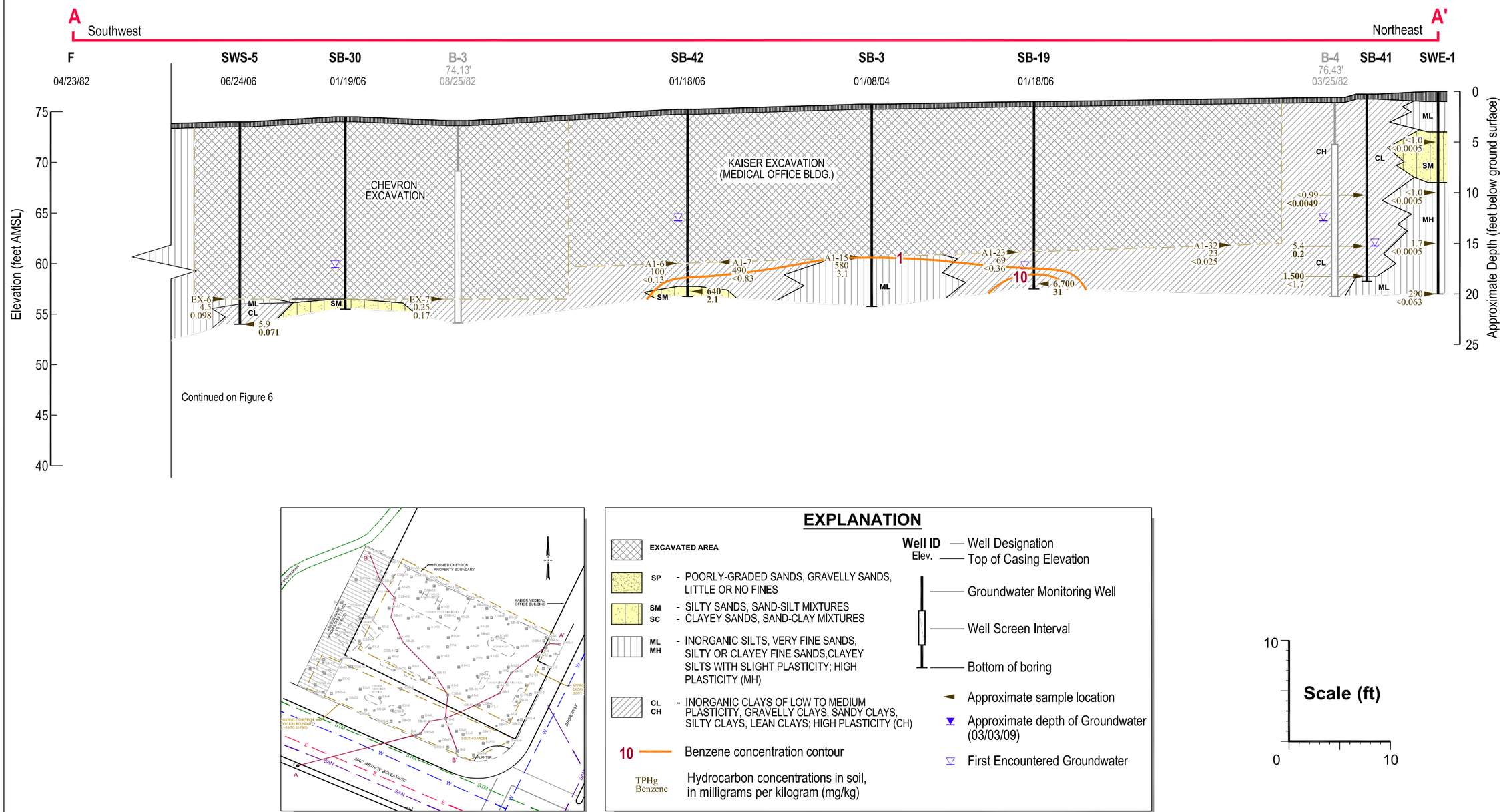


Figure 4

GEOLOGIC CROSS SECTION A-A' PRE-EXCAVATION 2008
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING



EXPLANATION

EXCAVATED AREA

SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES

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

ML - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS,CLAYEY SILTS WITH SLIGHT PLASTICITY; HIGH PLASTICITY (MH)
MH

CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS; HIGH PLASTICITY (CH)
CH

10 — Benzene concentration contour

TPHg / Benzene — Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)

Well ID — Well Designation
Elev. — Top of Casing Elevation

Groundwater Monitoring Well

Well Screen Interval

Bottom of boring

Approximate sample location

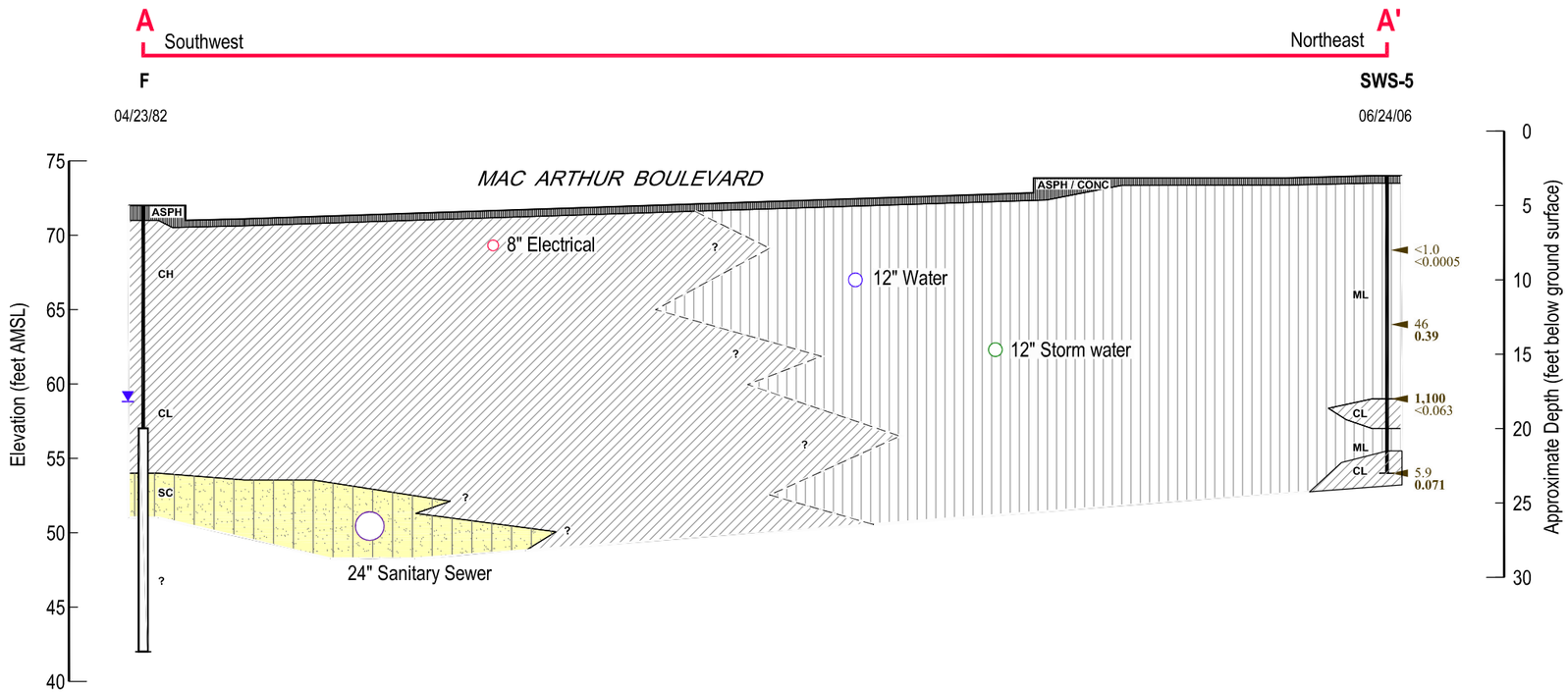
Approximate depth of Groundwater (03/03/09)

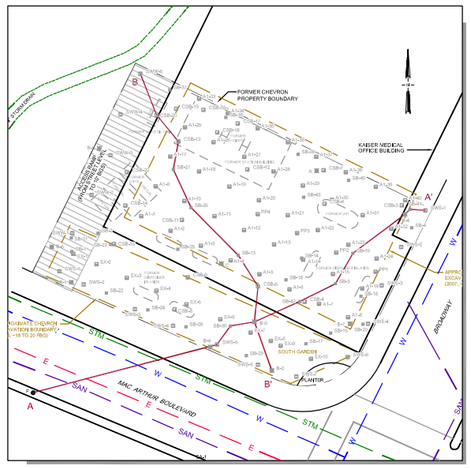
First Encountered Groundwater

Figure 5

GEOLOGIC CROSS SECTION A-A' POST-EXCAVATION 2008
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING





EXPLANATION

- SM, SC - SILTY SANDS, SAND-SILT MIXTURES; CLAYEY SANDS, SAND-CLAY MIXTURES
- ML, MH - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS,CLAYEY SILTS WITH SLIGHT PLASTICITY; HIGH PLASTICITY (MH)
- CL, CH - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS; HIGH PLASTICITY (CH)
- Approximate sample location
- TPHg / Benzene - Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)
- Well ID — Well Designation
- Elev. — Top of Casing Elevation
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Approximate depth of Groundwater (03/03/09)
- First Encountered Groundwater

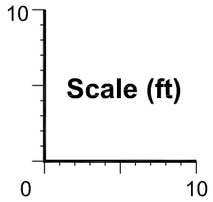
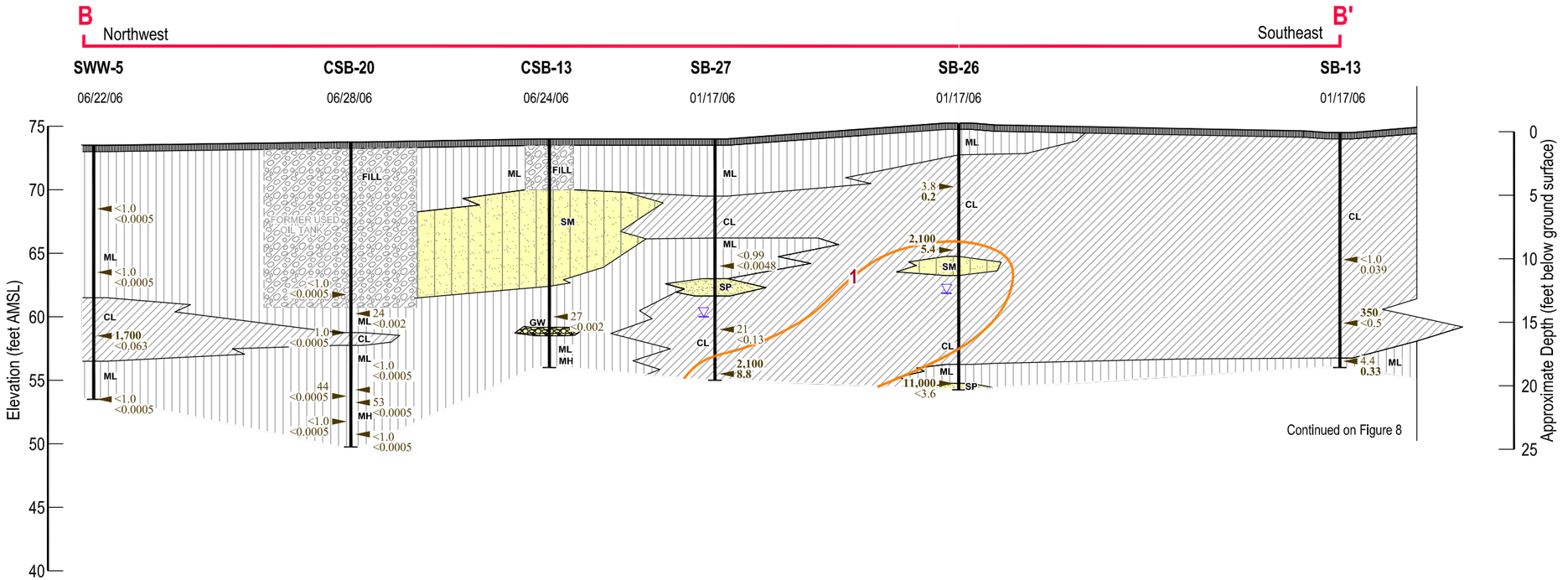
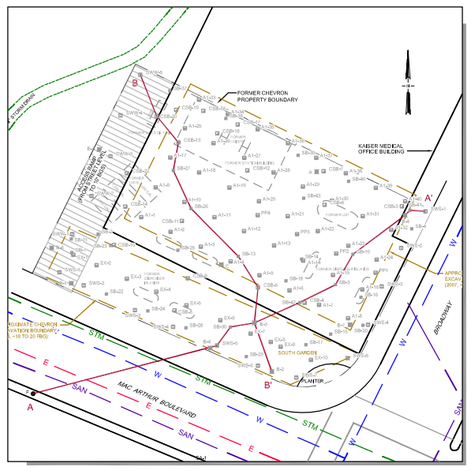


Figure 6

GEOLOGIC CROSS SECTION A-A' - CUTAWAY STREET DETAIL
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING





EXPLANATION

- FILL
- EXCAVATED AREA
- SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
- GW - WELL-GRADED GRAVEL; GRAVEL SAND MIXTURE
- SM, SC - SILTY SANDS, SAND-SILT MIXTURES; CLAYEY SANDS, SAND-CLAY MIXTURES
- ML, MH - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS,CLAYEY SILTS WITH SLIGHT PLASTICITY; HIGH PLASTICITY (MH)
- CL, CH - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS; HIGH PLASTICITY (CH)

- Well ID / Elev. — Well Designation / Top of Casing Elevation
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Approximate sample location
- First Encountered Groundwater
- 10 — Benzene concentration contour
- TPHg / Benzene — Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)

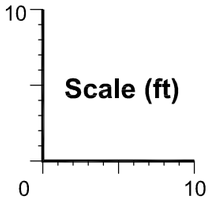
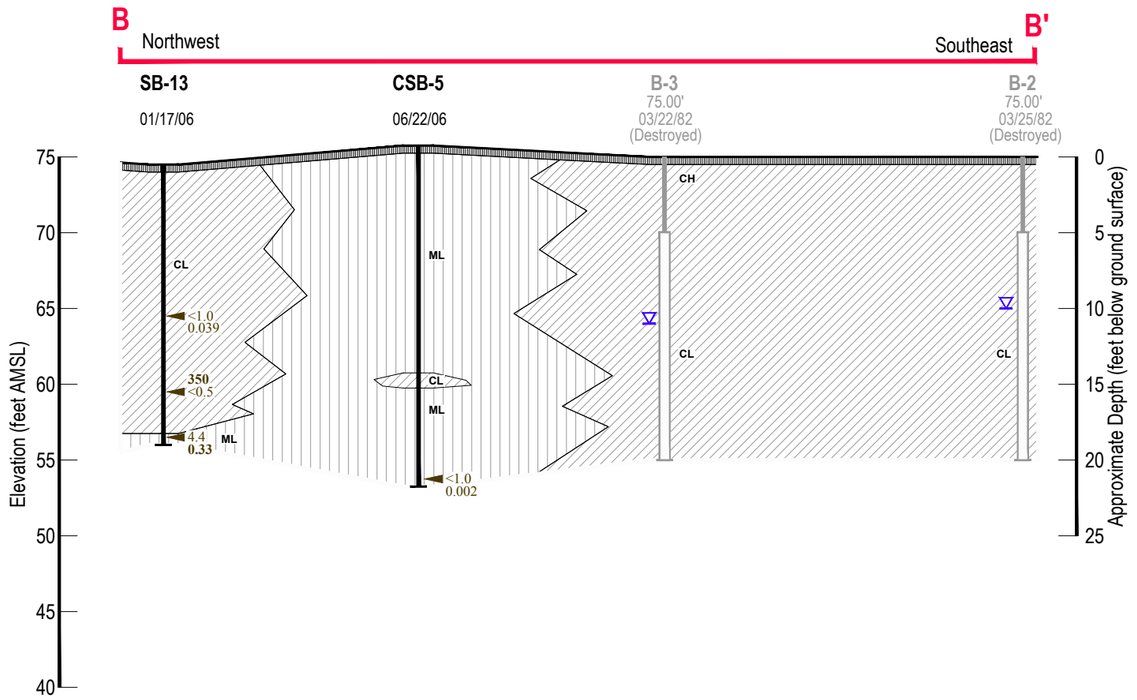
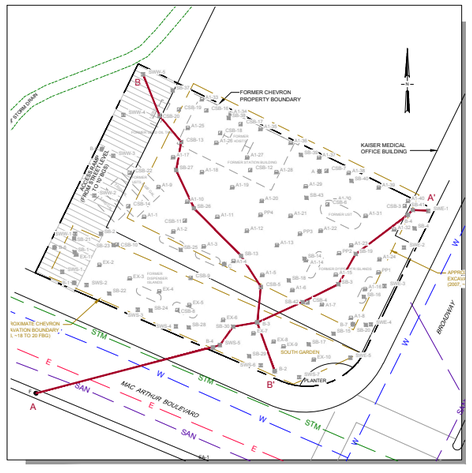


Figure 7

GEOLOGIC CROSS SECTION B-B' PRE-EXCAVATION 2008
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING





EXPLANATION

- FILL
- EXCAVATED AREA
- SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
- GW - WELL-GRADED GRAVEL; GRAVEL SAND MIXTURE
- SM - SILTY SANDS, SAND-SILT MIXTURES
- SC - CLAYEY SANDS, SAND-CLAY MIXTURES
- ML MH - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS,CLAYEY SILTS WITH SLIGHT PLASTICITY; HIGH PLASTICITY (MH)
- CL CH - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS; HIGH PLASTICITY (CH)

Well ID — Well Designation
Elev. — Top of Casing Elevation

- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Approximate sample location
- First Encountered Groundwater

TPHg / Benzene — Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)

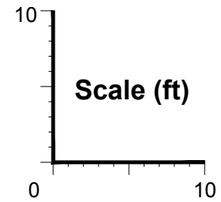
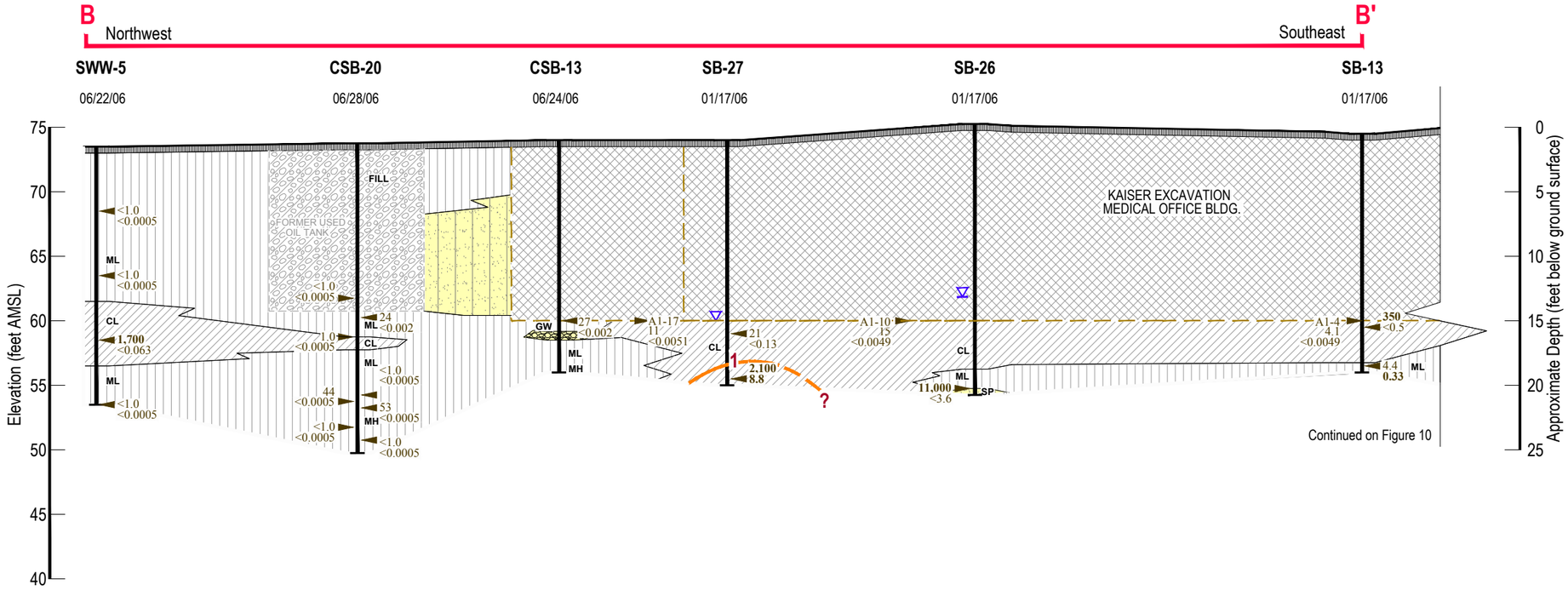


Figure 8

GEOLOGIC CROSS SECTION B-B' PRE-EXCAVATION 2008 - CUTAWAY DETAIL
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING



EXPLANATION

- FILL
- EXCAVATED AREA
- SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
- GW - WELL-GRADED GRAVEL; GRAVEL SAND MIXTURE
- SM - SILTY SANDS, SAND-SILT MIXTURES
- SC - CLAYEY SANDS, SAND-CLAY MIXTURES
- ML MH - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS,CLAYEY SILTS WITH SLIGHT PLASTICITY; HIGH PLASTICITY (MH)
- CL CH - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS; HIGH PLASTICITY (CH)

- Well ID — Well Designation
- Elev. — Top of Casing Elevation
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Approximate sample location
- First Encountered Groundwater
- 10 — Benzene concentration contour
- TPHg / Benzene — Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)

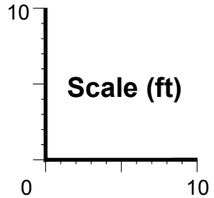
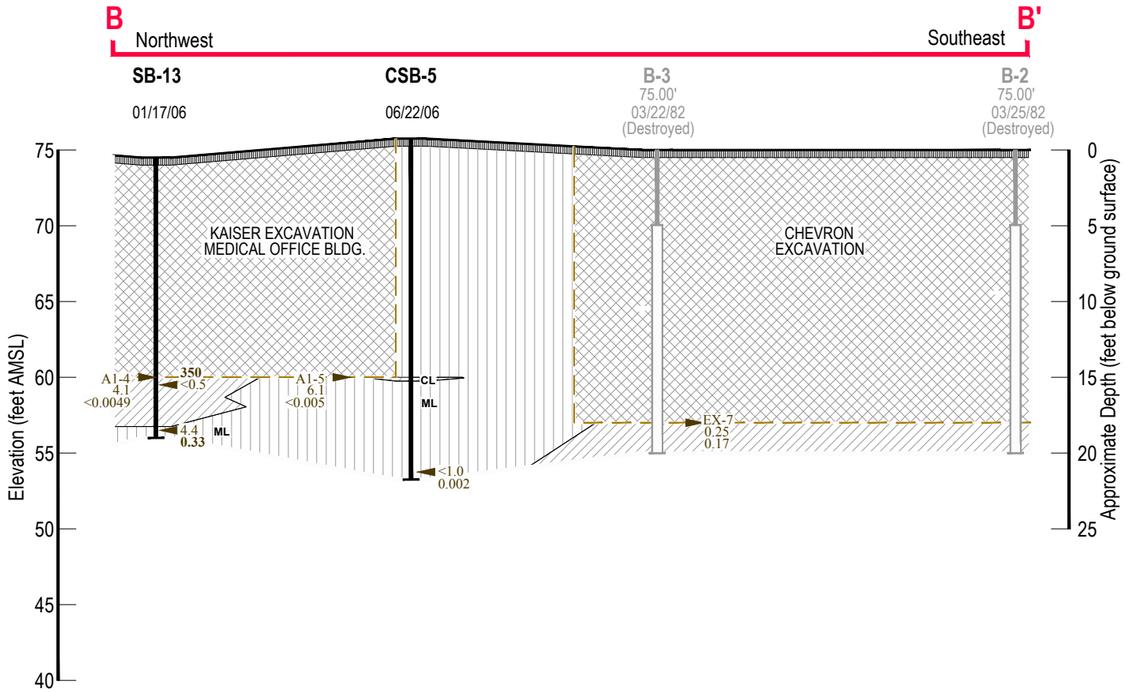
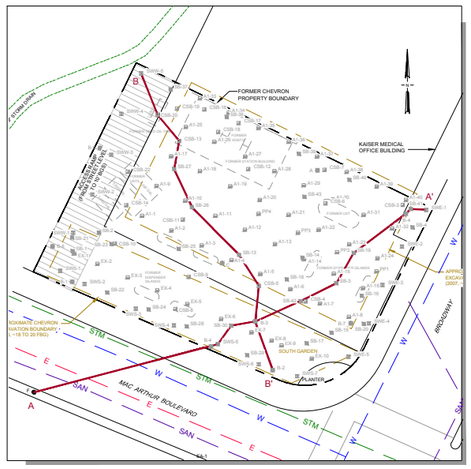


Figure 9

GEOLOGIC CROSS SECTION B-B' POST-EXCAVATION 2008
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING





EXPLANATION

- FILL
- EXCAVATED AREA
- SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
- GW - WELL-GRADED GRAVEL; GRAVEL SAND MIXTURE
- SM - SILTY SANDS, SAND-SILT MIXTURES
- SC - CLAYEY SANDS, SAND-CLAY MIXTURES
- ML MH - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS,CLAYEY SILTS WITH SLIGHT PLASTICITY; HIGH PLASTICITY (MH)
- CL CH - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS; HIGH PLASTICITY (CH)

Well ID — Well Designation
Elev. — Top of Casing Elevation

- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Approximate sample location
- First Encountered Groundwater
- TPHg / Benzene — Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)

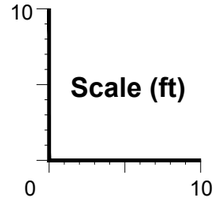


Figure 10

GEOLOGIC CROSS SECTION B-B' POST-EXCAVATION 2008 - CUTAWAY DETAIL
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING

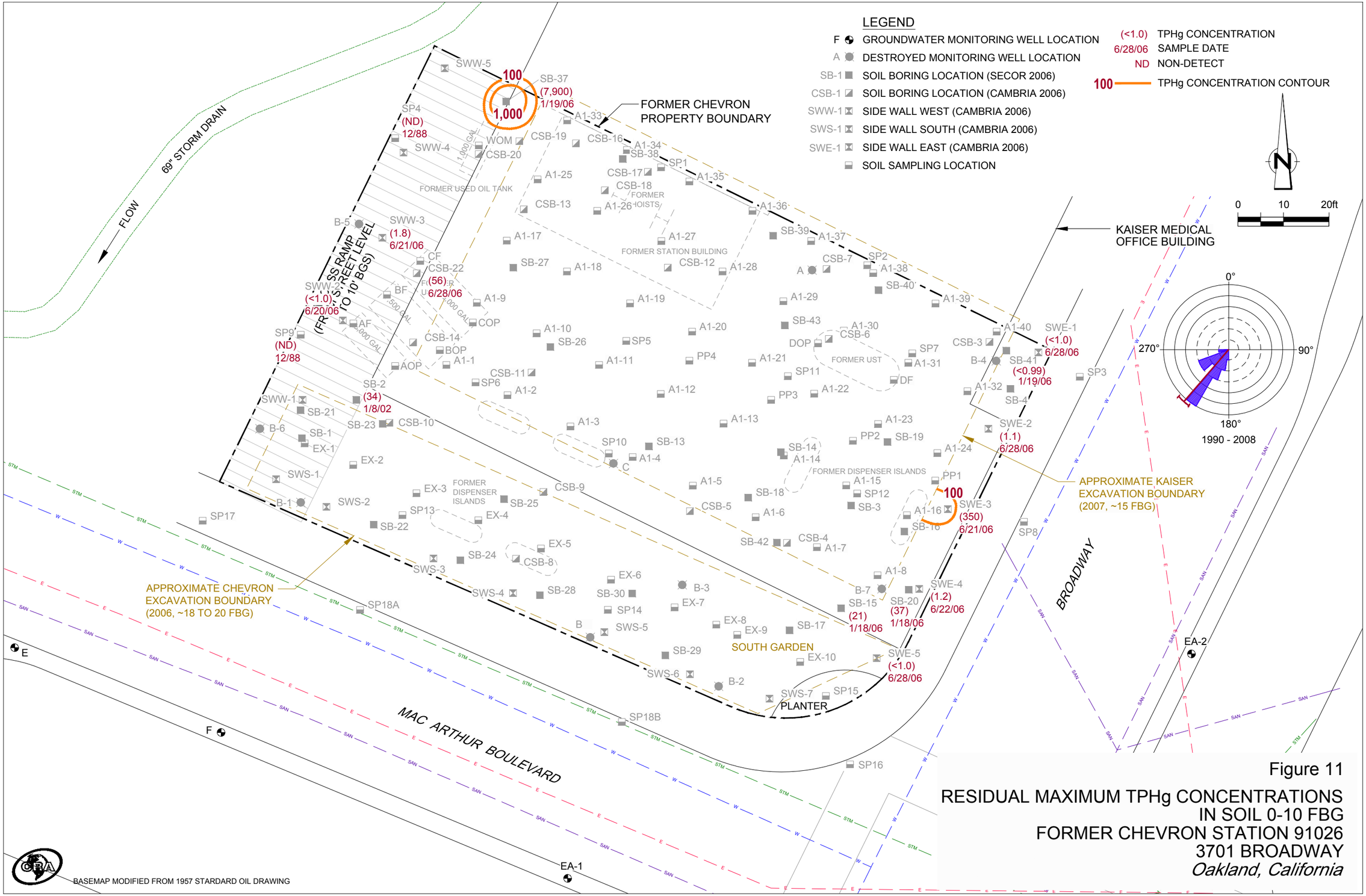


Figure 11

RESIDUAL MAXIMUM TPHg CONCENTRATIONS
IN SOIL 0-10 FBG
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

BASEMAP MODIFIED FROM 1957 STARDARD OIL DRAWING

311959-2012(008)GN-EM011 FEB 12/2014

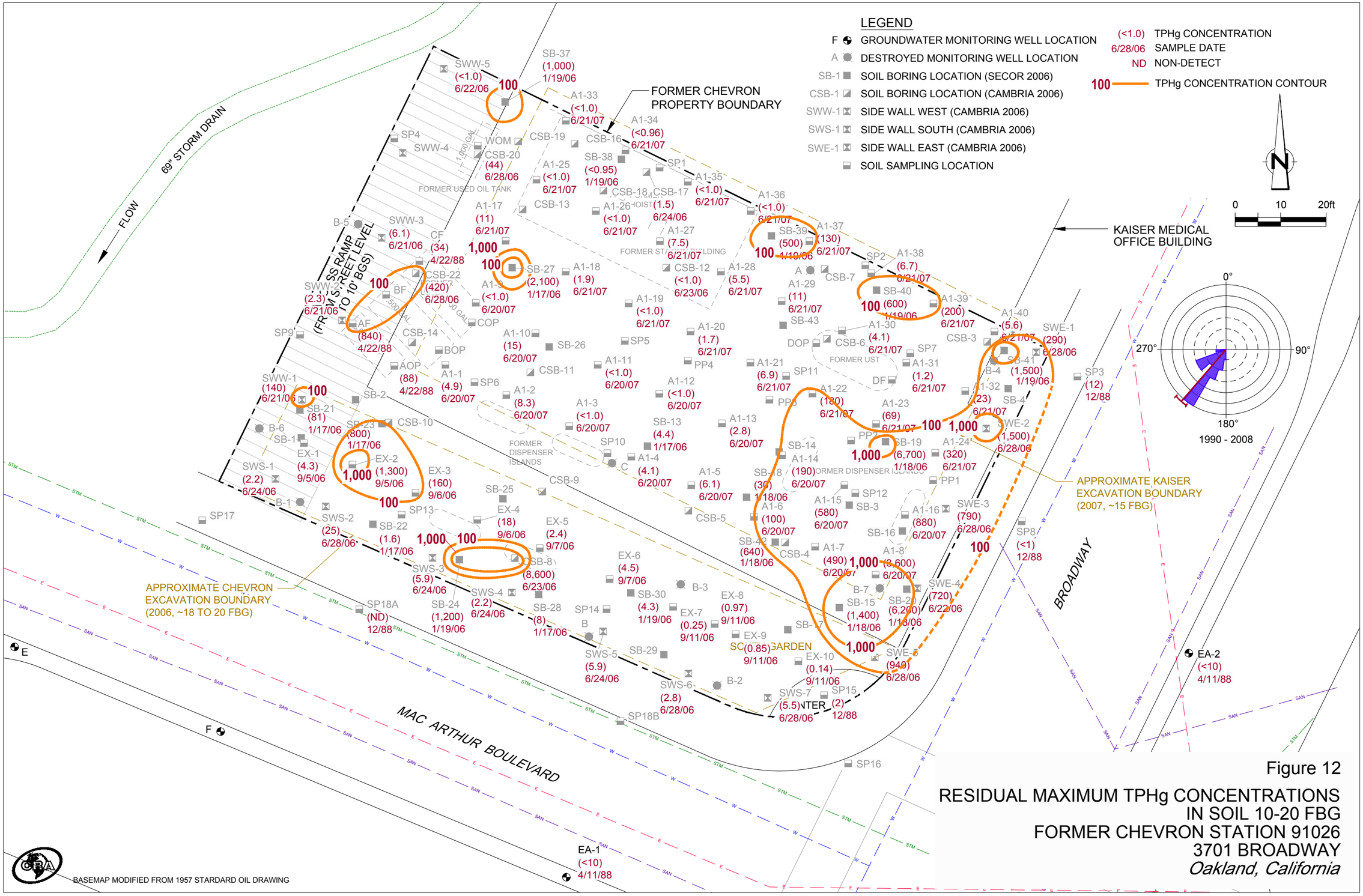


Figure 12

RESIDUAL MAXIMUM TPHg CONCENTRATIONS
IN SOIL 10-20 FBG
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

311959-2012(008)GN-EM012 FEB 12/2014

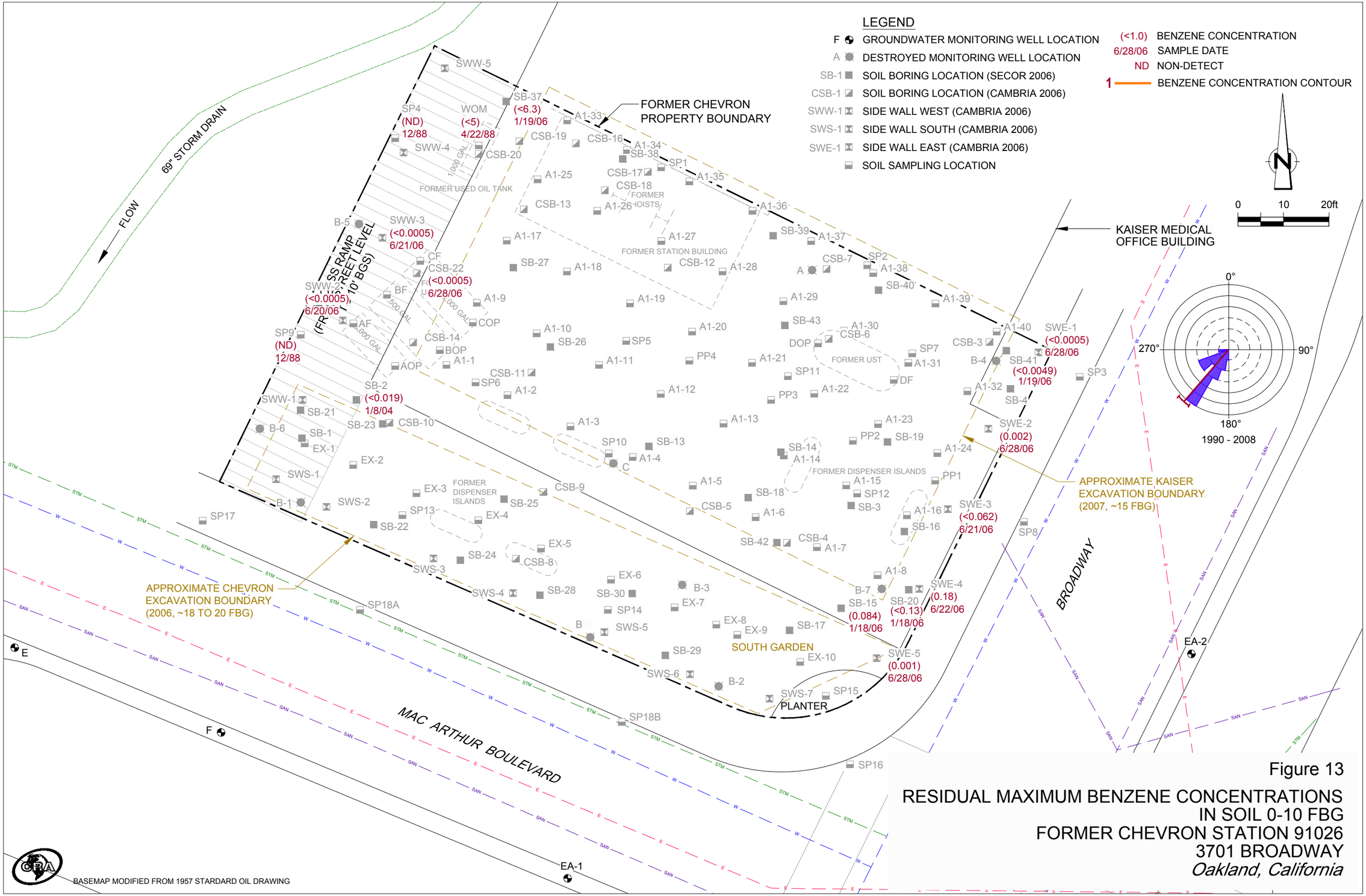


Figure 13

RESIDUAL MAXIMUM BENZENE CONCENTRATIONS
IN SOIL 0-10 FBG
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

311959-2012(008)GN-EM013 FEB 12/2014

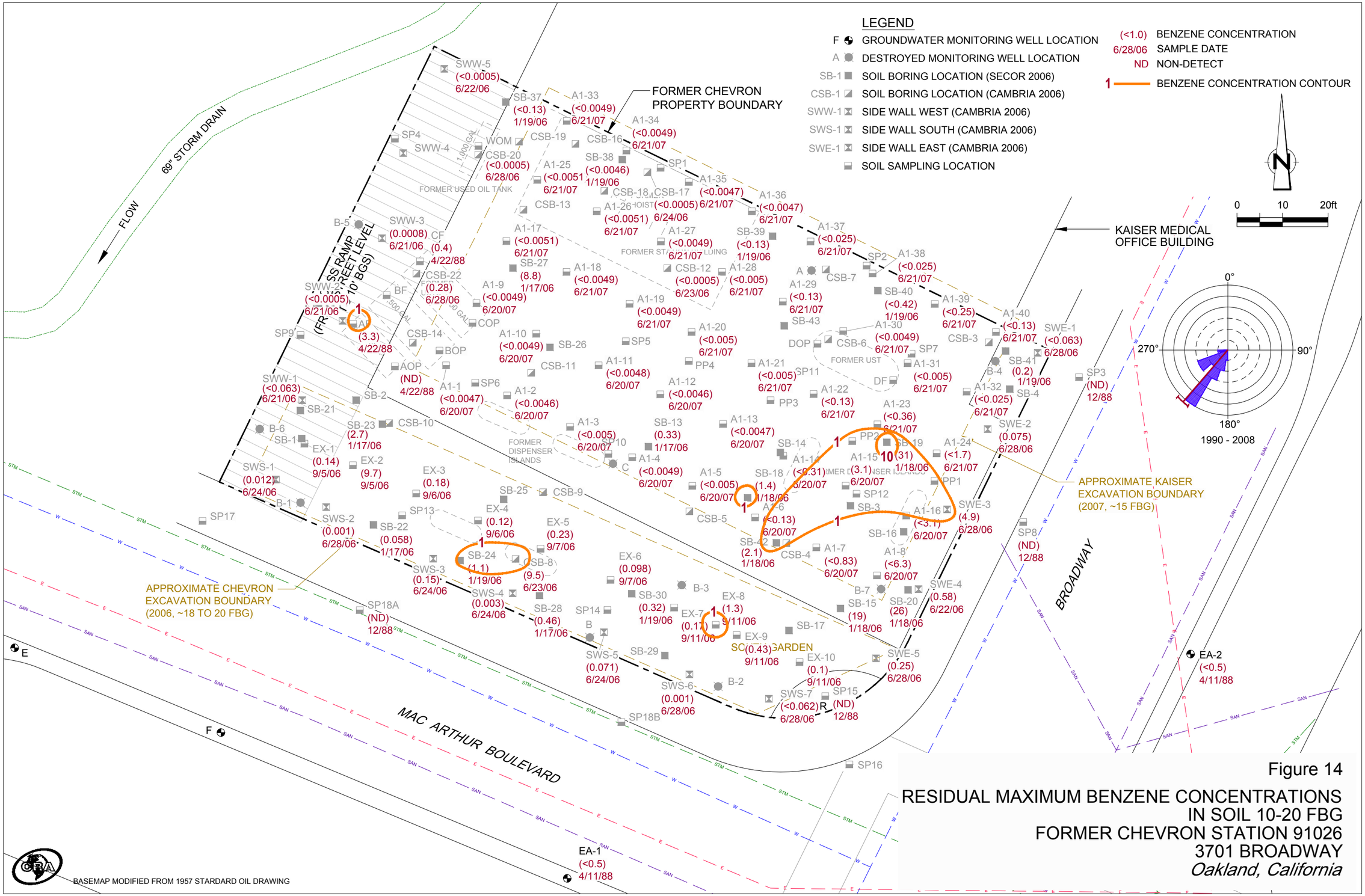


Figure 14

RESIDUAL MAXIMUM BENZENE CONCENTRATIONS
IN SOIL 10-20 FBG
FORMER CHEVRON STATION 91026
3701 BROADWAY
Oakland, California

311959-2012(008)GN-EM014 FEB 12/2014

TABLES

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
E											
11/18/92	70.07	57.87	12.20	--	--	280	2.7	2.4	3.0	12	--
03/19/93	70.07	60.10	9.97	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	70.07	59.09	10.98	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	70.07	58.29**	11.80	0.03	--	--	--	--	--	--	--
12/21/93	70.07	58.82	11.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	70.07	59.40	10.67	--	--	<50	<0.5	0.7	<0.5	0.7	--
09/21/94	70.07	57.78	12.29	--	--	<50	2.5	<0.5	1.0	<0.5	--
12/20/94	70.07	54.54	15.53	--	--	<50	0.5	<0.5	<0.5	<0.5	--
03/28/95	70.07	61.62	8.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	70.07	59.50	10.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	70.07	58.48	11.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	70.07	61.05	9.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	70.07	57.75	12.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	70.07	--	--	--	--	--	--	--	--	--	--
04/02/98	70.07	61.64	8.43	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	70.07	--	--	--	--	--	--	--	--	--	--
03/09/99	70.07	60.65	9.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	70.07	61.58	8.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	70.07	60.45	9.62	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	70.07	60.57	9.50	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[9]
09/23/02	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/25/03	70.07	60.08	9.99	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
E (cont)											
03/17/04	70.07	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
09/16/04	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/05	70.07	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
09/26/05	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/06	70.07	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
07/19/06	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/23/07[12]	70.07	59.96	10.11	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08[12]	70.07	59.94	10.13	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09[12]	70.07	59.52	10.55	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10[12]	70.07	53.54	16.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11	70.07	56.17	13.90	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/13	70.07	57.59	12.48	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	**70.07**	**57.37**	**12.70**	**0.00**	**0.00**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
F											
05/09/89	72.01	53.31	18.70	--	--	<500	<0.5	<0.5	0.6	1.0	--
08/09/89	72.01	52.98	19.03	--	--	--	--	--	--	--	--
11/09/89	72.01	52.99	19.02	--	--	--	--	--	--	--	--
02/08/90	72.01	53.31	18.70	--	--	<50	0.4	<0.3	0.3	<0.6	--
05/10/90	72.01	53.03	18.98	--	--	--	--	--	--	--	--
08/09/90	72.01	53.06	18.95	--	--	--	--	--	--	--	--
11/13/90	72.01	52.91	19.10	--	--	--	--	--	--	--	--
03/27/91	72.01	--	--	--	--	64	<0.5	<0.5	<0.5	1.0	--
06/19/91	72.01	53.06	18.95	--	--	--	--	--	--	--	--
08/21/91	72.01	<52.07	>19.94	--	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
F (cont)											
11/08/91	72.01	<52.07	>19.94	--	--	--	--	--	--	--	--
02/13/92	72.01	53.41	18.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	72.01	--	Dry	--	--	--	--	--	--	--	--
11/18/92	71.72	56.87	14.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	71.72	57.47	14.25	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	71.72	57.80	13.92	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	71.72	56.95**	14.80	0.04	--	--	--	--	--	--	--
12/21/93	71.72	58.41	13.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	71.72	58.73	12.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/94	71.72	55.42	16.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	71.72	59.15	12.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/28/95	71.72	62.77	8.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	71.72	57.95	13.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	71.72	58.27	13.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	71.72	60.56	11.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	71.72	60.34	11.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	71.72	--	--	--	--	--	--	--	--	--	--
04/02/98	71.72	58.60	13.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	71.72	--	--	--	--	--	--	--	--	--	--
03/09/99	71.72	58.05	13.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	71.72	58.37	13.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	71.72	60.25	11.47	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	71.72	60.03	11.69	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[9]

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
F (cont)											
09/23/02	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/25/03	71.72	58.40	13.32	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/17/04	71.72	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
09/16/04	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/05	71.72	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
09/26/05	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/06	71.72	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
07/19/06	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/23/07[12]	--[16]	--[16]	12.60	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08[12]	--[16]	--[16]	12.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09[12]	--[16]	--[16]	12.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10[12]	--[16]	--[16]	19.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11	--[16]	--[16]	16.90	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/13	--[16]	--[16]	15.20	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	--[16]	--[16]	**15.27**	**0.00**	**0.00**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
EA-1											
05/09/89	73.94	59.38	14.56	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/09/89	73.94	57.85	16.09	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	73.94	58.10	15.84	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
02/08/90	73.94	58.89	15.05	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
05/10/90	73.94	58.29	15.65	--	--	<50	1.0	0.3	<0.3	<0.6	--
08/09/90	73.94	58.27	15.67	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	73.94	57.62	16.32	--	--	<50	<0.4	<0.3	<0.3	<0.4	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
EA-1 (cont)											
03/27/91	73.94	--	--	--	--	<50	0.7	0.5	<0.5	<0.5	--
04/05/91	73.94	59.91	14.03	--	--	--	--	--	--	--	--
06/19/91	73.94	58.38	15.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/21/91	73.94	57.95	15.99	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
11/08/91	73.94	57.81	16.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/13/92	73.94	58.84	15.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	73.94	55.14	18.80	--	--	<50	2.7	<0.5	<0.5	<0.5	--
11/18/92	71.85	55.88	15.97	--	--	<10	<0.3	<0.3	<0.3	<0.5	--
03/19/93	71.85	58.19	13.66	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	71.85	57.14	14.71	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	71.85	56.33**	15.58	0.08	--	--	--	--	--	--	--
12/21/93	71.85	56.83	15.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	71.85	57.47	14.38	--	--	<50	<0.5	1.0	<0.5	<0.5	--
09/21/94	71.85	55.73	16.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	71.85	57.80	14.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/28/95	71.85	59.80	12.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	71.85	57.50	14.35	--	--	<50	2.0	<0.5	<0.5	<0.5	--
09/21/95	71.85	56.49	15.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	71.85	59.14	12.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	71.85	57.97	13.88	--	--	<50	2.8	<0.5	<0.5	0.8	<5.0
09/12/97	71.85	--	--	--	--	--	--	--	--	--	--
04/02/98	71.85	59.16	12.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	71.85	--	--	--	--	--	--	--	--	--	--
03/09/99	71.85	58.85	13.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	71.85	59.76	12.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.65

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
EA-1 (cont)											
08/28/00	71.85	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	71.85	58.55	13.30	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	71.85	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	71.85	58.64	13.21	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[9]
09/23/02	71.85	MONITORED/SAMPLED ANNUALLY				--		--	--	--	--
03/25/03	71.85	58.11	13.74	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03	71.85	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/17/04[12]	71.85	58.67	13.18	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6
09/16/04	71.85	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/05[12]	71.85	59.34	12.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/05	71.85	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/06[12]	71.85	59.55	12.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/19/06	71.85	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/23/07[12]	71.85	58.03	13.82	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08[12]	71.85	57.87	13.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09[12]	71.85	57.72	14.13	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10[12]	71.85	50.24	21.61	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11	71.85	53.15	18.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/13	71.85	55.35	16.50	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	**71.85**	**55.15**	**16.70**	**0.00**	**0.00**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
EA-2											
05/09/89	75.24	59.29	15.95	--	--	760	<0.5	<0.5	1.1	<0.5	--
08/09/89	75.24	57.79	17.45	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	75.24	57.83	17.41	--	--	<500	<0.5	1.0	<0.5	<0.5	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
EA-2 (cont)											
02/08/90	75.24	58.67	16.57	--	--	190	<0.3	<0.3	<0.3	<0.6	--
05/10/90	75.24	58.12	17.12	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
08/09/90	75.24	58.04	17.20	--	--	120	<0.3	<0.3	<0.3	<0.6	--
11/13/90	75.24	57.36	17.88	--	--	160	<0.4	1.0	<0.3	<0.4	--
03/27/91	75.24	--	--	--	--	110	<0.5	<0.5	<0.5	<0.5	--
04/05/91	75.24	59.70	15.54	--	--	--	--	--	--	--	--
06/19/91	75.24	58.17	17.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/21/91	75.24	57.78	17.46	--	--	70	0.8	1.4	<0.3	<0.4	--
11/08/91	75.24	57.66	17.58	--	--	<50	<0.5	0.7	<0.5	<0.5	--
02/13/92	75.24	58.55	16.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	75.24	59.08	16.16	--	--	340	<0.5	2.6	0.7	<0.5	--
11/18/92	76.24	58.63	17.61	--	--	450	<0.5	3.3	<0.5	0.8	--
03/19/93	76.24	61.24	15.00	--	--	450	<0.5	2.3	0.6	<1.5	--
06/10/93	76.24	60.16	16.08	--	--	250	<0.5	1.3	<0.5	<1.5	--
09/08/93	76.24	59.17	17.07	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/21/93	76.24	59.64	16.60	--	--	170	<0.5	1.3	<0.5	<0.5	--
03/09/94	76.24	60.41	15.83	--	--	200	1.8	1.4	<0.5	<0.5	--
09/21/94	76.24	58.64	17.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	76.24	60.71	15.53	--	--	950	31	15	1.7	<0.5	--
03/28/95	76.24	62.96	13.28	--	--	71	2.0	0.6	<0.5	<0.5	--
06/22/95	76.24	60.62	15.62	--	--	300	<0.5	3.7	<0.5	0.6	--
09/21/95	76.24	59.46	16.78	--	--	170	<0.5	<0.5	<0.5	<0.5	--
03/22/96	76.24	62.36	13.88	--	--	90	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	76.24	61.18	15.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	76.24	--	--	--	--	--	--	--	--	--	--

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
EA-2 (cont)											
04/02/98	76.24	62.51	13.73	--	--	230[2]	0.99	<0.5	<0.5	<0.5	<2.5
09/15/98	76.24	--	--	--	--	--	--	--	--	--	--
03/09/99	76.24	62.03	14.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	76.24	62.93	13.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	76.24	61.71	14.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	76.24	61.84	14.40	0.00	0.00	97	0.54	<0.50	<0.50	<1.5	<2.5/<2[9]
09/23/02	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/25/03	76.24	61.18	15.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/17/04[12]	76.24	61.83	14.41	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.7
09/16/04	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/05[12]	76.24	62.53	13.71	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/05	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/06[12]	76.24	63.75	12.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/19/06	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/23/07[12]	76.24	61.16	15.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08[12]	76.24	61.08	15.16	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09	76.24	INACCESSIBLE		--	--	--	--	--	--	--	--
03/31/10[12]	76.24	54.80	21.44	0.00	0.00	65 J	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11	76.24	INACCESSIBLE		--	--	--	--	--	--	--	--
02/20/13	76.24	58.97	17.27	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	**76.24**	**58.40**	**17.84**	**0.00**	**0.00**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
A											
05/09/89	75.28	61.36	13.92	--	--	11,000	260	<2.0	94	230	--
08/09/89	75.28	59.66	15.62	--	--	12,000	370	<1.5	100	240	--
11/09/89	75.28	59.33	15.95	--	--	16,000	690	10	180	350	--
02/08/90	75.28	60.55	14.73	--	--	14,000	600	7.0	120	270	--
05/10/90	75.28	59.80	15.48	--	--	16,000	840	4.8	140	340	--
08/09/90	75.28	59.62	15.66	--	--	17,000	510	40	170	280	--
11/13/90	75.28	58.80	16.48	--	--	9,000	570	3.1	86	170	--
03/27/91	75.28	--	--	--	--	8,000	660	<5.0	110	250	--
04/05/91	75.28	62.06	13.22	--	--	--	--	--	--	--	--
06/19/91	75.28	59.91	15.37	--	--	8,900	740	<3.0	120	280	--
08/21/91	75.28	59.29	15.99	--	--	6,800	620	23	85	200	--
11/08/91	75.28	59.13	16.15	--	--	4,000	640	<5.0	77	160	--
02/13/92	75.28	60.70	14.58	--	--	8,000	860	<5.0	120	390	--
05/01/92	75.28	61.02	14.26	--	--	13,000	870	19	220	780	--
11/18/92	75.29	58.91	16.38	--	--	12,000	1,500	83	360	530	--
03/19/93	75.29	63.13	12.16	--	--	14,000	820	6.1	180	420	--
06/10/93	75.29	61.04	14.25	--	--	9,000	700	13	170	310	--
09/08/93	75.29	--	--	--	--	--	--	--	--	--	--
12/21/93	75.29	--	--	--	--	--	--	--	--	--	--
03/09/94	75.29	61.95	13.34	--	--	9,600	860	21	200	390	--
09/21/94	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
12/20/94	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/28/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
06/22/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/21/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
A (cont)											
03/22/96	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/25/96	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/06/97	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/12/97	75.29	60.73	14.56	--	--	2,600	460	<10	70	11	67
04/02/98	75.29	66.54	8.75	--	--	1,700[2]	130	1.7	44	42	<2.5
09/15/98	75.29	--	--	--	--	--	--	--	--	--	--
03/09/99	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/14/00	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
08/28/00	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/04/01	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL						--	--	--	--
09/23/02	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/25/03	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL						--	--	--	--
09/23/03	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/17/04	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL						--	--	--	--
09/16/04	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/05[12]	75.29	66.74	8.55	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/05	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/06[12]	75.29	66.95	8.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DESTROYED - JULY 2006											
B											
05/09/89	73.39	59.58**	13.97	0.20	--	--	--	--	--	--	--
08/09/89	73.39	57.86**	15.69	0.20	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B (cont)											
11/09/89	73.39	58.16**	15.29	0.08	--	--	--	--	--	--	--
02/08/90	73.39	58.93	14.46	--	--	--	--	--	--	--	--
05/10/90	73.39	58.32	14.07	--	--	--	--	--	--	--	--
08/09/90	73.39	58.27	15.12	--	--	--	--	--	--	--	--
11/13/90	73.39	57.63	15.76	--	--	--	--	--	--	--	--
04/05/91	73.39	60.01	13.38	--	--	--	--	--	--	--	--
06/19/91	73.39	58.25	15.14	--	--	26,000	7,100	370	430	1,000	--
08/21/91	73.39	57.81	15.58	--	--	16,000	4,900	270	390	640	--
11/08/91	73.39	57.68	15.71	--	--	11,000	2,400	48	280	160	--
02/13/92	73.39	58.73	14.66	--	--	6,800	2,400	60	220	140	--
05/01/92	73.39	58.89	14.50	Sheen	--	16,000	6,000	180	370	460	--
11/18/92	73.39	57.79	15.60	--	--	28,000	2,200	150	920	4,300	--
03/19/93	73.39	60.12**	13.29	0.03	--	--	--	--	--	--	--
06/10/93	73.39	59.11**	14.30	0.03	--	--	--	--	--	--	--
09/08/93	73.39	58.25**	15.33	0.24	--	--	--	--	--	--	--
12/21/93	73.39	58.76**	14.73	0.12	--	--	--	--	--	--	--
03/09/94	73.39	59.35**	14.07	0.04	--	--	--	--	--	--	--
09/21/94	73.39	57.91**	15.50	0.02[1]	--	--	--	--	--	--	--
12/20/94	73.39	59.74**	13.75	0.12	--	--	--	--	--	--	--
3/28/952	73.39	--	--	--	--	--	--	--	--	--	--
06/22/95	73.39	58.92**	14.56	0.11	1.000	--	--	--	--	--	--
09/21/95	73.39	58.41**	15.88	1.12	2.000	--	--	--	--	--	--
03/22/96	73.39	61.19**	13.02	1.02	2.000	--	--	--	--	--	--
09/25/96	73.39	58.81**	15.76	1.47	1.500	--	--	--	--	--	--
03/06/97	73.39	59.95**	14.30	1.08	2.000	--	--	--	--	--	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B (cont)											
09/12/97	73.39	59.32**	14.61	0.68	3.000	--	--	--	--	--	--
04/02/98	73.39	61.04**	12.50	0.19	3.000	--	--	--	--	--	--
09/15/98	73.39	59.60**	14.87	1.35	5.000	--	--	--	--	--	--
03/09/99	73.39	60.41**	13.41	0.54	0.132	--	--	--	--	--	--
09/29/99	73.39	58.56**	15.80	1.21	0.130	--	--	--	--	--	--
03/14/00	73.39	61.70**	12.80	1.39	0.400	--	--	--	--	--	--
08/28/00	73.39	58.96**	15.29	1.07	0.26[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
03/22/01	73.39	60.52**	13.26	0.49	0.26[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
06/25/01[7]	73.39	58.95**	15.30	1.08	0.00	--	--	--	--	--	--
07/09/01[8]	73.39	59.02**	15.15	0.97	0.26[5]	--	--	--	--	--	--
08/06/01[8]	73.39	58.86**	15.31	0.98	1.04[5]	--	--	--	--	--	--
09/04/01[8]	73.39	58.58**	15.46	0.81	0.00	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/08/01[8]	73.39	58.33**	15.68	0.77	0.06[5]	--	--	--	--	--	--
11/12/01[8]	73.39	58.56**	15.45	0.78	1.50[5]	--	--	--	--	--	--
12/26/01[8]	73.39	60.87**	12.98	0.58	4.39[5]	--	--	--	--	--	--
01/25/02[8]	73.39	60.74**	12.71	0.08	0.13[5]	--	--	--	--	--	--
02/05/02[8]	73.39	60.30**	13.16	0.09	2.63[5]	--	--	--	--	--	--
03/18/02[8]	73.39	60.63**	12.79	0.04	2.03[5]	--	--	--	--	--	--
04/27/02[8]	73.39	59.73	13.66	0.00	0.26[10]	--	--	--	--	--	--
05/20/02[8]	73.39	59.61	13.78	0.00	0.26[10]	--	--	--	--	--	--
06/17/02[8]	73.39	59.28**	14.34	0.29	3.39[5]	--	--	--	--	--	--
07/01/02[8]	73.39	59.05**	14.78	0.55	2.26[5]	--	--	--	--	--	--
08/19/02[8]	73.39	58.75**	15.03	0.49	6.53[5]	--	--	--	--	--	--
09/23/02[8]	73.39	58.61**	15.13	0.44	0.40[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/21/02[8]	73.39	58.50**	15.21	0.40	0.33[5]	--	--	--	--	--	--

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B (cont)											
11/26/02[8]	73.39	58.51**	15.17	0.36	0.26[5]	--	--	--	--	--	--
12/26/02[8]	73.39	60.50**	13.06	0.21	0.13[5]	--	--	--	--	--	--
02/05/03[8]	73.39	60.24**	13.33	0.22	0.07[5]	--	--	--	--	--	--
03/01/03[11]	73.39	60.18**	13.31	0.13	0.07[5]	--	--	--	--	--	--
03/25/03	73.39	60.08**	13.41	0.13	0.03[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
04/21/03	73.39	60.27**	13.20	0.10	0.07[5]	--	--	--	--	--	--
05/26/03	73.39	59.76**	13.70	0.09	0.07[5]	--	--	--	--	--	--
06/16/03	73.39	59.44**	14.04	0.11	0.07[5]	--	--	--	--	--	--
07/17/03	73.39	59.25**	14.36	0.27	0.13	--	--	--	--	--	--
08/11/03	73.39	59.02**	14.61	0.30	0.13[5]	--	--	--	--	--	--
09/23/03	73.39	58.63**	14.96	0.25	0.59[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/13/03	73.39	58.54**	14.99	0.18	0.39	--	--	--	--	--	--
11/24/03	73.39	58.64**	14.85	0.12	0.07	--	--	--	--	--	--
12/15/03	73.39	59.10**	14.39	0.12	0.07	--	--	--	--	--	--
01/12/04	73.39	60.42**	13.06	0.11	0.13	--	--	--	--	--	--
02/10/04	73.39	60.00**	13.46	0.09	0.01[5]	--	--	--	--	--	--
03/17/04[11]	73.39	60.60**	12.85	0.08	0.01[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
04/09/04[11]	73.39	59.87**	13.54	0.02	1.51[5]	--	--	--	--	--	--
05/11/04[11]	73.39	59.80**	13.60	0.01	--[13]	--	--	--	--	--	--
06/21/04[11]	73.39	58.99**	14.46	0.07	0.03	--	--	--	--	--	--
07/09/04[11]	73.39	58.83**	14.58	0.02	1.02[5]	--	--	--	--	--	--
08/10/04[11]	73.39	58.54**	14.87	0.02	0.51[5]	--	--	--	--	--	--
09/16/04[11]	73.39	58.56**	14.85	0.03	0.52[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/12/04[11]	73.39	58.21**	15.28	0.13	0.03[5]	--	--	--	--	--	--
11/12/04	73.39	58.66**	14.75	0.02	0.52[5]	--	--	--	--	--	--

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B (cont)											
12/08/04	73.39	58.73**	14.68	0.02	0.53[5]	--	--	--	--	--	--
01/25/05	73.39	59.16**	14.25	0.02	0.53[5]	--	--	--	--	--	--
02/11/05	73.39	59.11**	14.30	0.02	0.52[5]	--	--	--	--	--	--
03/31/05	73.39	61.34**	12.07	0.03	1.03[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
04/26/05	73.39	61.31**	12.10	0.02	1.02[5]	--	--	--	--	--	--
05/13/05	73.39	60.93**	12.48	0.02	1.02[5]	--	--	--	--	--	--
06/28/05	73.39	61.04**	12.37	0.03	1.02[5]	--	--	--	--	--	--
07/15/05	73.39	60.16**	13.25	0.02	1.52[5]	--	--	--	--	--	--
08/19/05	73.39	59.65**	13.76	0.02	1.02[5]	--	--	--	--	--	--
09/26/05	73.39	58.98**	14.43	0.02	1.02[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/17/05	73.39	58.94**	14.47	0.02	1.01[5]	--	--	--	--	--	--
11/18/05	73.39	58.61**	14.80	0.02	1.52[5]	--	--	--	--	--	--
12/12/05	73.39	59.60**	13.81	0.02	1.01[5]	--	--	--	--	--	--
01/24/06	73.39	59.70**	13.70	0.01	1.01[5]	--	--	--	--	--	--
02/10/06	73.39	59.62**	13.78	0.01	1.01[5]	--	--	--	--	--	--
03/31/06	73.39	61.40**	12.01	0.02	1.51[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
04/14/06	73.39	61.38**	12.02	0.01	1.00[14]	--	--	--	--	--	--
05/12/06	73.39	61.03**	12.38	0.02	1.00[15]	--	--	--	--	--	--
06/12/06	73.39	60.38**	13.03	0.02	1.00[15]	--	--	--	--	--	--
07/19/06	73.39	INACCESSIBLE - WELL GROUTED/PLUGGED					--	--	--	--	--
DESTROYED - JULY 2006											
B-1											
05/09/89	71.77	59.19		--	--	16,000	2,300	260	81	740	--
08/09/89	71.77	57.68	14.09	--	--	12,000	2,600	340	100	870	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-1 (cont)											
11/09/89	71.77	57.71	14.06	--	--	17,000	340	140	110	760	--
02/08/90	71.77	59.12	12.65	--	--	5,500	70	19	17	150	--
05/10/90	71.77	58.15	13.62	--	--	18,000	770	110	73	600	--
08/09/90	71.77	57.90	13.87	--	--	82,000	750	66	95	980	--
11/13/90	71.77	57.39	14.38	--	--	43,000	1300	120	74	760	--
03/27/91	71.77	--	--	--	--	18,000	580	92	94	770	--
04/05/91	71.77	60.04	11.73	--	--	--	--	--	--	--	--
06/19/91	71.77	58.21	13.56	--	--	21,000	910	56	96	810	--
08/21/91	71.77	57.87	13.90	--	--	50,000	2,400	610	300	1,800	--
11/08/91	71.77	57.72	14.05	--	--	540,000	3,600	1,500	1,900	5,900	--
02/13/92	71.77	59.09	12.68	--	--	20,000	500	100	150	920	--
05/01/92	71.77	58.85	12.92	Sheen	--	27,000	2,800	200	310	1,900	--
11/18/92	72.30	58.00	14.30	--	--	300	9.7	3.4	2.3	21	--
03/19/93	72.30	60.02	12.28	--	--	130	23	0.9	<0.5	5.6	--
06/10/93	72.30	59.26	13.04	--	--	170	21	1.1	0.8	6.6	--
09/08/93	72.30	58.46**	13.88	0.05	--	--	--	--	--	--	--
12/21/93	72.30	58.77	13.53	--	--	<50	6.7	0.5	<0.5	1.2	--
03/09/94	72.30	59.65	12.65	--	--	1,300	520	8.8	2.4	53	--
09/21/94	72.30	57.90	14.40	--	--	390	130	2.7	2.4	7.7	--
12/20/94	72.30	59.95	12.35	--	--	1,600	520	9.9	8.9	34	--
03/28/95	72.30	61.54	10.76	--	--	160	38	2.1	1.4	5.4	--
06/22/95	72.30	59.70	12.60	--	--	340	73	3.1	2.4	7.5	--
09/21/95	72.30	58.65	13.65	--	--	140	19	1.0	1.2	6.1	--
03/22/96	72.30	61.36	10.94	--	--	200	<0.5	0.6	2.1	2.2	<5.0
09/25/96	72.30	58.54	13.76	--	--	690	5.4	1.2	1.6	6.8	<5.0

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-1 (cont)											
03/06/97	72.30	60.22	12.08	--	--	420	31	1.0	2.5	4.3	5.9
09/12/97	72.30	58.76	13.54	--	--	170	31	1.4	1.6	4.6	11
04/02/98	72.30	61.57	10.73	--	--	670[2]	91	4.2	8.7	17	<2.5
09/15/98	72.30	59.49	12.81	--	--	<50	1.5	<0.5	<0.5	<0.5	<10
03/09/99	72.30	60.69	11.61	--	--	1200	570	5.3	5.6	48	<25
09/29/99	72.30	58.67	13.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	72.30	61.91	10.39	--	--	225	78.5	1.49	1.88	4.17	<5.0
08/28/00	72.30	59.16	13.14	0.00	0.00	290[3]	42	1.9	4.3	6.3	21
03/22/01	72.30	60.62	11.68	0.00	0.00	1,690[6]	181	7.94	20.4	17.4	56.9
06/25/01	72.30	58.59	13.71	0.00	0.00	--	--	--	--	--	--
07/09/01	72.30	59.11	13.19	0.00	0.00	--	--	--	--	--	--
09/04/01	72.30	58.73	13.57	0.00	0.00	130	6.4	0.58	0.74	<1.5	<2.5/<2[9]
03/18/02	72.30	60.81	11.49	0.00	0.00	410	77	3.0	4.9	10	6.6
09/23/02	72.30	58.72	13.58	0.00	0.00	51	1.9	0.82	<0.50	<1.5	<2.5
03/25/03	72.30	59.46	12.84	0.00	0.00	58	0.74	<0.50	<0.50	<1.5	<2.5
09/23/03[12]	72.30	58.57	13.73	0.00	0.00	<50	<0.5	0.7	<0.5	<0.5	<0.5
03/17/04[12]	72.30	60.83	11.47	0.00	0.00	110	3	<0.5	<0.5	<0.5	<0.5
09/16/04[12]	72.30	58.23	14.07	0.00	0.00	200	29	<0.5	<0.5	0.7	<0.5
03/31/05[12]	72.30	59.45	12.85	0.00	0.00	340	18	<0.5	2	1	<0.5
09/26/05[12]	72.30	58.60	13.70	0.00	0.00	570	71	1	<0.5	5	<0.5
03/31/06[12]	72.30	59.72	12.58	0.00	0.00	520	23	1	0.8	2	<0.5
DESTROYED - JULY 2006											
B-2											
05/09/89	74.51	59.93	14.58	--	--	170,000	30,000	8,400	2,300	12,000	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-2 (cont)											
08/09/89	74.51	58.45	16.06	--	--	60,000	29,000	8,700	2,400	12,000	--
11/09/89	74.51	57.56	16.95	--	--	110,000	32,000	5,500	2,800	12,000	--
02/08/90	74.51	58.95	15.56	--	--	67,000	28,000	5,900	2,300	11,000	--
05/10/90	74.51	58.57	15.94	--	--	69,000	24,000	4,800	2,000	11,000	--
08/09/90	74.51	58.54	15.97	--	--	100,000	33,000	4,000	2,100	12,000	--
11/13/90	74.51	57.81	16.70	--	--	110,000	33,000	4,300	2,900	13,000	--
03/27/91	74.51	--	--	--	--	160,000	26,000	3,200	2,600	15,000	--
04/05/91	74.51	60.31	14.20	--	--	--	--	--	--	--	--
06/19/91	74.51	58.68	15.83	--	--	100,000	22,000	2,500	2,000	11,000	--
08/21/91	74.51	58.20	16.31	--	--	80,000	28,000	2,800	2,400	12,000	--
11/08/91	74.51	57.91	16.60	--	--	94,000	29,000	1,900	2,200	11,000	--
02/13/92	74.51	58.58	15.93	--	--	280,000	34,000	2,500	4,600	23,000	--
05/01/92	74.51	59.57	14.94	Sheen	--	29,000	1,700	300	1,100	4,300	--
11/18/92	74.52	57.81	16.71	--	--	26,000	11,000	170	870	950	--
03/19/93	74.52	60.46	14.06	--	--	110,000	28,000	1,200	2,200	12,000	--
06/10/93	74.52	59.64	14.88	--	--	140,000	15,000	930	1,900	8,800	--
09/08/93	74.52	58.52**	16.03	0.04	--	--	--	--	--	--	--
12/21/93	74.52	58.91	15.61	--	--	980,000	21,000	30,000	9,100	71,000	--
03/09/94	74.52	59.99	14.53	Sheen	--	110,000	23,000	920	1,300	7,800	--
9/21/945	74.52	INACCESSIBLE		--	--	--	--	--	--	--	--
12/20/94	74.52	59.86	14.65	--	--	70,000	25,000	710	920	5,300	--
03/28/95	74.52	62.22	12.30	--	--	76,000	20,000	920	1,200	5,200	--
06/22/95	74.52	60.30	14.22	--	--	89,000	21,000	38,000	1,500	6,800	--
09/21/95	74.52	58.72	15.80	--	--	84,000	24,000	2,900	1,800	9,800	--
03/22/96	74.52	61.69**	12.85	0.02	0.250	--	--	--	--	--	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-2 (cont)											
09/25/96	74.52	58.56**	15.98	0.03	0.250	--	--	--	--	--	--
03/06/97	74.52	60.43**	14.11	0.02	0.000	--	--	--	--	--	--
09/12/97	74.52	59.19**	15.35	0.03	1.500	--	--	--	--	--	--
04/02/98	74.52	61.74**	13.07	0.36	2.000	--	--	--	--	--	--
09/15/98	74.52	59.48**	15.50	0.58	0.500	--	--	--	--	--	--
03/09/99	74.52	61.56**	13.29	0.41	0.079	--	--	--	--	--	--
09/29/99	74.52	58.69**	16.34	0.64	0.080	--	--	--	--	--	--
03/14/00	74.52	62.02**	12.65	0.19	0.040	--	--	--	--	--	--
08/28/00	74.52	59.11**	15.80	0.49	0.26[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
03/22/01	74.52	60.99**	13.77	0.30	0.07[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
07/09/01[7]	74.52	58.50**	16.12	0.13	0.21[5]	--	--	--	--	--	--
08/06/01[8]	74.52	58.31**	16.23	0.02	0.00	--	--	--	--	--	--
09/04/01[8]	74.52	58.26**	16.28	0.03	0.00	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/08/01[8]	74.52	57.97**	16.57	0.03	0.01[5]	--	--	--	--	--	--
11/12/01[8]	74.52	58.07**	16.46	0.01	0.00	--	--	--	--	--	--
12/26/01[8]	74.52	61.12	13.40	0.00	0.00	--	--	--	--	--	--
01/25/02[8]	74.52	60.17	14.35	0.00	0.00	--	--	--	--	--	--
02/05/02[8]	74.52	60.05	14.47	0.00	0.00	--	--	--	--	--	--
03/18/02[8]	74.52	60.38	14.14	0.00	0.00	110,000	24,000	2,500	2,500	9,200	<30
04/27/02[8]	74.52	59.46	15.06	0.00	0.26[10]	--	--	--	--	--	--
05/20/02[8]	74.52	59.06	15.46	0.00	0.26[10]	--	--	--	--	--	--
06/17/02[8]	74.52	58.82	15.70	0.00	0.13[10]	--	--	--	--	--	--
07/01/02[8]	74.52	58.75	15.77	0.00	0.00	--	--	--	--	--	--
08/19/02[8]	74.52	58.34	16.18	0.00	0.00	--	--	--	--	--	--
09/23/02[8]	74.52	58.22**	16.31	0.01	0.00	90,000	23,000	2,200	2,400	8,600	<500

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-2 (cont)											
10/21/02[8]	74.52	58.08**	16.45	0.01	0.00	--	--	--	--	--	--
11/26/02[8]	74.52	58.04	16.48	0.00	0.00	--	--	--	--	--	--
12/26/02[8]	74.52	59.46	15.06	0.00	0.00	--	--	--	--	--	--
02/05/03[8]	74.52	59.65	14.87	0.00	0.00	--	--	--	--	--	--
03/01/03[11]	74.52	59.57	14.95	0.00	0.00	--	--	--	--	--	--
03/25/03	74.52	60.22	14.30	0.00	0.00	130,000	28,000	2,600	3,000	15,000	<500
04/21/03	74.52	60.76	13.76	0.00	0.00	--	--	--	--	--	--
05/26/03	74.52	60.12	14.40	0.00	0.00	--	--	--	--	--	--
06/16/03	74.52	59.77	14.75	0.00	0.00	--	--	--	--	--	--
07/17/03	74.52	59.38	15.14	0.00	0.00	--	--	--	--	--	--
08/11/03	74.52	59.16	15.36	0.00	0.00	--	--	--	--	--	--
09/23/03[12]	74.52	58.82	15.70	0.00	0.00	160,000	29,000	2,500	3,300	15,000	220
10/13/03	74.52	58.59	15.93	0.00	0.00	--	--	--	--	--	--
11/24/03	74.52	58.62	15.90	0.00	0.00	--	--	--	--	--	--
12/15/03	74.52	58.97	15.55	0.00	0.00	--	--	--	--	--	--
01/12/04	74.52	60.48	14.04	0.00	0.00	--	--	--	--	--	--
02/10/04	74.52	60.50	14.02	0.00	0.00	--	--	--	--	--	--
03/17/04[11,12]	74.52	61.08	13.44	0.00	0.00	95,000	18,000	1,400	2,000	9,300	170
04/09/04[11]	74.52	60.48	14.04	0.00	0.00	--	--	--	--	--	--
05/11/04[11]	74.52	60.44	14.08	0.00	0.00	--	--	--	--	--	--
06/21/04[11]	74.52	59.17	15.35	0.00	0.00	--	--	--	--	--	--
07/09/04[11]	74.52	59.05	15.47	0.00	0.00	--	--	--	--	--	--
08/10/04[11]	74.52	58.80	15.72	0.00	0.00	--	--	--	--	--	--
09/16/04[11,12]	74.52	58.52	16.00	0.00	0.00	81,000	21,000	1,000	1,900	8,100	220
10/12/04[11]	74.52	58.35	16.17	0.00	0.00	--	--	--	--	--	--

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-2 (cont)											
11/12/04	74.52	58.91	15.61	0.00	0.00	--	--	--	--	--	--
12/08/04	74.52	59.23	15.29	0.00	0.00	--	--	--	--	--	--
01/25/05	74.52	59.49	15.03	0.00	0.00	--	--	--	--	--	--
02/11/05	74.52	59.51	15.01	0.00	0.00	--	--	--	--	--	--
03/31/05[12]	74.52	61.78	12.74	0.00	0.00	64,000	15,000	910	880	4,900	130
04/26/05	74.52	61.76	12.76	0.00	0.00	--	--	--	--	--	--
05/13/05	74.52	61.42	13.10	0.00	0.00	--	--	--	--	--	--
06/28/05	74.52	61.56	12.96	0.00	0.00	--	--	--	--	--	--
07/15/05	74.52	60.82	13.70	0.00	0.00	--	--	--	--	--	--
08/19/05	74.52	60.24	14.28	0.00	0.00	--	--	--	--	--	--
09/26/05[12]	74.52	58.85	15.67	0.00	0.00	74,000	24,000	1,200	2,000	8,500	170
10/17/05	74.52	58.87	15.65	0.00	0.00	--	--	--	--	--	--
11/18/05	74.52	58.75	15.77	0.00	0.00	--	--	--	--	--	--
12/12/05	74.52	60.26	14.26	0.00	0.00	--	--	--	--	--	--
01/24/06	74.52	60.48	14.04	0.00	0.00	--	--	--	--	--	--
02/10/06	74.52	60.43	14.09	0.00	0.00	--	--	--	--	--	--
03/31/06[12]	74.52	61.95	12.57	0.00	0.00	72,000	17,000	770	1,500	5,000	130
04/14/06	74.52	62.01	12.51	0.00	0.00	--	--	--	--	--	--
05/12/06	74.52	61.59	12.93	0.00	0.00	--	--	--	--	--	--
06/12/06	74.52	61.11	13.41	0.00	0.00	--	--	--	--	--	--
07/19/06	74.52	INACCESSIBLE - WELL GROUTED/PLUGGED					--	--	--	--	--
DESTROYED - JULY 2006											
B-3											
05/09/89	74.12	60.01	14.02	--	--	70,000	12,000	9,500	400	8,900	--

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-3 (cont)											
08/09/89	74.12	58.74	15.38	--	--	--	--	--	--	--	--
11/09/89	74.12	58.61**	15.55	0.05	--	--	--	--	--	--	--
02/08/90	74.12	59.44	14.68	<0.01	--	--	--	--	--	--	--
05/10/90	74.12	58.99**	15.15	0.02	--	--	--	--	--	--	--
08/09/90	74.12	58.85	15.27	<0.01	--	--	--	--	--	--	--
11/13/90	74.12	58.13**	16.04	0.06	--	--	--	--	--	--	--
04/05/91	74.12	60.82	13.30	<0.01	--	--	--	--	--	--	--
06/19/91	74.12	58.96	15.16	--	--	260,000	20,000	9,000	2,200	16,000	--
08/21/91	74.12	58.51	15.61	--	--	70,000	28,000	11,000	1,800	11,000	--
11/08/91	74.12	58.35	15.77	--	--	150,000	29,000	9,700	2,200	13,000	--
02/13/92	74.12	59.24	14.88	--	--	100,000	27,000	9,906	2,000	11,000	--
05/01/92	74.12	59.93**	14.20	0.01	--	--	--	--	--	--	--
11/18/92	74.13	58.47**	15.68	0.03	--	--	--	--	--	--	--
03/19/93	74.13	61.24**	13.75	1.08	--	--	--	--	--	--	--
06/10/93	74.13	60.04**	14.79	0.87	--	--	--	--	--	--	--
09/08/93	74.13	58.81**	15.38	0.08	--	--	--	--	--	--	--
12/21/93	74.13	59.39	14.74	--	--	1,100,000	18,000	29,000	8,900	59,000	--
03/09/94	74.13	60.60	13.53	--	--	130,000	11,000	20,000	1,700	15,000	--
09/21/94	74.13	58.45**	15.70	0.02[1]	--	--	--	--	--	--	--
12/20/94	74.13	60.67**	13.48	0.03	--	--	--	--	--	--	--
03/28/95	74.13	--	--	1.54	2.000	--	--	--	--	--	--
06/22/95	74.13	60.86**	14.25	1.23	0.500	--	--	--	--	--	--
09/21/95	74.13	59.12**	15.25	0.30	0.500	--	--	--	--	--	--
03/22/96	74.13	62.97**	11.46	0.37	0.250	--	--	--	--	--	--
09/25/96	74.13	60.13**	14.82	1.02	1.000	--	--	--	--	--	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-3 (cont)											
03/06/97	74.13	61.23**	13.12	0.28	0.500	--	--	--	--	--	--
09/12/97	74.13	59.56**	14.67	0.13	2.000	--	--	--	--	--	--
04/02/98	74.13	62.93	11.20	Sheen	--	160,000	27,000	26,000	2,500	14,000	<500
09/15/98	74.13	60.12**	14.05	0.05	0.500	--	--	--	--	--	--
03/09/99	74.13	62.77**	11.41	0.06	0.053	--	--	--	--	--	--
09/29/99	74.13	59.23**	15.00	0.13	0.070	--	--	--	--	--	--
03/14/00	74.13	63.15	10.98	--	--	177,000	15,000	22,000	2,910	17,000	<1,250
08/28/00	74.13	59.74**	14.41	0.02	0.26[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
03/22/01	74.13	62.06	12.07	0.00	0.00	366,000[3]	28,200	31,500	5,460	29,600	<2,500
09/04/01	74.13	58.66	15.47	0.00	0.00	140,000	34,000	14,000	2,300	11,000	<200/<25[9]
03/18/02	74.13	62.07	12.06	0.00	0.00	150,000	33,000	16,000	2,500	12,000	<30
09/23/02	74.13	59.17	14.96	0.00	0.00	130,000	31,000	13,000	2,200	11,000	<60
03/25/03	74.13	61.16	12.97	0.00	0.00	150,000	36,000	17,000	2,500	13,000	<130
09/23/03[12]	74.13	59.32	14.81	0.00	0.00	160,000	37,000	19,000	3,800	17,000	<500
03/17/04[12]	74.13	62.03	12.10	0.00	0.00	100,000	15,000	9,900	1,500	9,400	<10
09/16/04[12]	74.13	59.04	15.09	0.00	0.00	98,000	21,000	14,000	2,000	9,400	11
03/31/05[12]	74.13	63.01	11.12	0.00	0.00	120,000	24,000	15,000	1,400	9,500	<13
09/26/05[12]	74.13	59.44	14.69	0.00	0.00	110,000	29,000	17,000	2,100	12,000	<25
03/31/06[12]	74.13	63.05	11.08	0.00	0.00	130,000	24,000	15,000	1,500	8,400	7
DESTROYED - JULY 2006											
B-4											
05/09/89	76.43	61.50	14.93	--	--	3,600	840	34	120	200	--
08/09/89	76.43	59.78	16.65	--	--	<500	4,200	130	370	260	--
11/09/89	76.43	--	--	--	--	5,000	4,200	83	400	250	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-4 (cont)											
02/08/90	76.43	59.44	16.99	--	--	14,000	6,000	70	530	300	--
05/10/90	76.43	60.38	16.05	--	--	12,000	5,400	130	460	320	--
08/09/90	76.43	59.94	16.49	--	--	16,000	7,400	120	530	350	--
11/13/90	76.43	59.79	16.64	--	--	21,000	7,000	100	550	320	--
03/27/91	76.43	59.01	17.42	--	--	17,000	8,500	120	500	300	--
04/05/91	76.43	61.77	14.66	--	--	14,000	7,700	75	610	210	--
06/19/91	76.43	59.95	16.48	--	--	16,000	7,800	110	550	340	--
08/21/91	76.43	59.43	17.00	--	--	18,000	11,000	110	450	340	--
11/08/91	76.43	59.05	17.38	--	--	18,000	6,800	98	500	620	--
02/13/92	76.43	60.01	16.42	--	--	15,000	9,100	86	570	350	--
05/01/92	76.43	60.93	15.50	--	--	36,000	16,000	180	990	690	--
03/19/93	76.43	62.32	14.11	--	--	26,000	15,000	150	900	790	--
06/10/93	76.43	60.99	15.44	--	--	35,000	14,000	180	940	590	--
09/08/93	76.43	59.78	16.65	--	--	34,000	15,000	170	1,100	870	--
12/21/93	76.43	59.98	16.45	--	--	30,000	12,000	74	610	340	--
03/09/94	76.43	61.55	14.88	--	--	37,000	15,000	140	1,000	580	--
09/21/94	76.43	59.29	17.14	--	--	32,000	14,000	110	660	190	--
12/20/94	76.43	61.44	14.99	--	--	23,000	8,400	97	640	530	--
03/28/95	76.43	65.10	11.33	--	--	27,000	9,900	120	880	540	--
06/22/95	76.43	61.84	14.59	--	--	33,000	12,000	84	650	150	--
09/21/95	76.43	60.24	16.19	--	--	20,000	12,000	72	540	68	--
03/22/96	76.43	64.43	12.00	--	--	29,000	10,000	72	560	170	400
09/25/96	76.43	60.15	16.28	--	--	53,000	11,000	<50	160	74	<500
03/06/97	76.43	62.87	13.56	--	--	<5,000	17,000	<50	<50	<50	<500
09/12/97	76.43	60.41	16.02	--	--	7,600	8,100	65	520	38	300

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-4 (cont)											
04/02/98	76.43	64.58	11.85	--	--	28,000[2]	9,700	59	760	220	<250
09/15/98	76.43	61.08	15.35	--	--	25,000	12,000	200	900	<200	<1,000
03/09/99	76.43	64.11	12.32	--	--	21,000	11,000	<100	770	270	800
09/29/99	76.43	60.31	16.12	--	--	8,610	9,500	32.1	1,160	88.2	260
03/14/00	76.43	65.86	10.57	--	--	29,100	11,000	223	1,010	556	<500
08/28/00[4]	76.43	60.78	15.65	0.00	0.00	13,000[3]	8,600	96	920	74	400
03/22/01	76.43	63.57	12.86	0.00	0.00	14,400[6]	6,770	<50.0	224	112	345
09/04/01	76.43	60.19	16.24	0.00	0.00	23,000	9,900	61	340	71	<50/<3[9]
03/18/02	76.43	63.57	12.86	0.00	0.00	26,000	8,400	71	550	300	<15
09/23/02	76.43	60.16	16.27	0.00	0.00	21,000	7,600	51	250	43	<10
03/25/03	76.43	62.35	14.08	0.00	0.00	21,000	7,100	42	330	78	<50
09/23/03[12]	76.43	60.29	16.14	0.00	0.00	21,000	77,000	370	2,500	500	<250
03/17/04[12]	76.43	63.35	13.08	0.00	0.00	16,000	5,500	30	320	110	4
09/16/04[12]	76.43	60.17	16.26	0.00	0.00	28,000	5,900	3,800	470	2,800	<5
03/31/05[12]	76.43	64.55	11.88	0.00	0.00	12,000	3,300	26	350	150	<3
09/26/05[12]	76.43	60.48	15.95	0.00	0.00	16,000	6,100	28	220	68	<5
03/31/06[12]	76.43	64.73	11.70	0.00	0.00	9,200	2,100	17	220	120	0.6
DESTROYED - JULY 2006											
B-6											
05/09/89	72.66	60.55	12.11	--	--	26,000	120	110	250	1,300	--
08/09/89	72.66	57.94	14.72	--	--	19,000	470	150	440	1,400	--
11/09/89	72.66	58.81	13.85	--	--	13,000	70	36	36	440	--
02/08/90	72.66	64.93	7.73	--	--	2,900	16	5.0	10	58	--
05/10/90	72.66	--	--	--	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
B-6(cont)											
08/09/90	72.66	58.15	14.51	--	--	14,000	55	3.0	130	500	--
11/13/90	72.66	57.80	14.86	--	--	--	--	--	--	--	--
04/05/91	72.66	62.23	10.43	--	--	--	--	--	--	--	--
ABANDONED											
B-7											
05/09/89	75.40	60.67	14.73	--	--	210,000	13,000	19,000	2,000	20,000	--
08/09/89	75.40	59.04	16.36	--	--	672,000	87,000	17,000	2,700	30,000	--
11/09/89	75.40	58.76	16.64	--	--	150,000	7,000	12,000	1,800	16,000	--
02/08/90	75.40	59.71	15.69	--	--	41,000	2,500	6,900	1,100	11,000	--
05/10/90	75.40	--	--	--	--	--	--	--	--	--	--
08/09/90	75.40	59.09	16.31	--	--	50,000	1,100	3,900	640	7,200	--
11/13/90	75.40	58.31	17.09	--	--	--	--	--	--	--	--
04/05/91	75.40	61.04	14.36	--	--	--	--	--	--	--	--
ABANDONED											
TRIP BLANK											
05/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
02/08/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
05/10/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
08/09/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	--	--	--	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
03/27/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
TRIP BLANK (cont)											
06/19/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/21/91	--	--	--	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
11/08/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/13/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/18/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/28/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10
03/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
TRIP BLANK (cont)											
08/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/22/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA											
03/18/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/25/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/17/04[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/16/04[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/05[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/05[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/06[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/23/07[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11[12]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/13	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	--	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

TABLE 1

GROUNDWATER MONTIORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*GWE (ft-amsl)*	*DTW (ft.)*	*LNAPLT (ft.)*	*LNAPL REMOVED (gallons)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*

Abbreviations and Notes:

Groundwater monitoring data and laboratory analytical results prior to August 28, 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
LNAPLT = Light Non-Aqueous Phase Liquid Thickness
TPHg = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
ND = Not Detected
QA = Quality Assurance/Trip Blank

* TOC elevation referenced to msl.

** GWE was corrected for the presence of LNAPL; correction factor: [(TOC - DTW) + (LNAPLT x 0.80)].

1 Approximate thickness; equipment not functioning properly.

2 Chromatogram pattern indicated an unidentified hydrocarbon.

3 Laboratory report indicates gasoline C6-C12.

4 Laboratory report indicates sample was analyzed outside of the EPA recommended holding time.

5 Product + water removed.

6 Laboratory report indicates unidentified hydrocarbons C6-C12.

7 Skimmer installed May of 2001.

8 Skimmer in well.

9 MTBE by EPA Method 8260.

10 Water removed from skimmer; no product.

11 Skimmer removed for repair.

12 BTEX and MTBE by EPA Method 8260.

13 0.5 ounces of product removed from well.

14 1.5 ounces of product removed from well.

15 2 ounces of product removed from well.

16 TOC was altered during well repairs; unable to determine an accurate GWE.

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
									Reported in milligrams per kilogram (mg/kg)										
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
Secor 2007 - Excavation Bottom Samples (Source: Secor's June 11, 2008 *Soil Management Implementation Report*)																			
A1-1	6/20/2007	15	--	350 HL	97 HLY	4.9 H	<0.0047	0.008	0.011	0.072	<0.0047	--	--	--	<0.26	43	18	71	48
A1-2	6/20/2007	15	--	280 HL	84 HLY	8.3 H	<0.0046	0.0092	0.017	0.123	<0.0046	--	--	--	<0.25	36	11	66	45
A1-3	6/20/2007	15	--	69 HL	24 HLY	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	<0.26	35	11	60	38
A1-4	6/20/2007	15	--	250 HL	76 HLY	4.1 H	<0.0049	<0.0049	0.014	0.0361	<0.0049	--	--	--	<0.27	32	13	56	39
A1-5	6/20/2007	15	--	20 HL	24 HLY	6.1 H	<0.005	0.0087	0.014	0.09	<0.005	--	--	--	0.31	43	8.2	76	52
A1-6	6/20/2007	15	--	<5.0	27 HLY	100 H	<0.13	0.2	0.32	1.73	<0.13	--	--	--	0.33	35	19	74	46
A1-7	6/20/2007	15	--	13 L	95 HLY	490 H	<0.83	1.8	3	17	<0.83	--	--	--	<0.26	39	5.2	62	45
A1-8	6/20/2007	15	--	13 L	520 HLY	3,600 H	<6.3	99.0	49.0	277.0	<6.3	--	--	--	<0.25	32	4.4	46	38
A1-9	6/20/2007	15	--	400 HLY	100 HLY	<1.0	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	--	--	--	<0.25	27	2.9	54	30
A1-10	6/20/2007	15	--	480 HL	130 HLY	15 H	<0.0049	0.037	0.043	0.551	<0.0049	--	--	--	<0.25	40	12	62	49
A1-11	6/20/2007	15	--	340 HL	92 HLY	<1.0	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	--	--	--	<0.25	43	25	72	71
A1-12	6/20/2007	15	--	190 HL	48 HLY	<1.0	<0.0046	<0.0046	<0.0046	0.013	<0.0046	--	--	--	<0.25	34	6.8	57	35
A1-13	6/20/2007	15	--	170 HL	55 HLY	2.8 H	<0.0047	<0.0047	<0.0047	0.013	<0.0047	--	--	--	<0.25	38	13	62	46
A1-14	6/20/2007	15	--	21 L	92 HLY	190 H	<0.31	<0.31	1.2	6.2	<0.31	--	--	--	<0.25	38	6.7	69	45
A1-15	6/20/2007	15	--	7.3 L	170 HLY	580 H	3.1	13.0	12.0	58.0	<1.3	--	--	--	0.27	38	10	78	45
A1-16	6/20/2007	15	--	<5.0	160 HLY	880	<3.1	40.0	17.0	110.0	<3.1	--	--	--	<0.25	34	19	64	39
A1-17	6/21/2007	15	--	2,900 HL	830 HLY	11 H	<0.0051	<0.0051	<0.0051	0.0083	<0.0051	--	--	--	<0.25	55	29	72	56
A1-18	6/21/2007	15	--	800 HL	230 HLY	1.9 H	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	--	--	--	<0.25	51	21	71	55
A1-19	6/21/2007	15	--	570 HL	140 HLY	<1.0	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	--	--	--	<0.25	40	21	89	54
A1-20	6/21/2007	15	--	23 HL	24 HLY	1.7 HY	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	<0.27	43	6.4	65	49

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*Naphthalene*	*Cadmium*	*Chromium*	*Lead*	*Nickel*	*Zinc*
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	*1.9*	--	*21*	--	--	--	--	*9.7*	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	*2.8*	--	*32*	--	--	--	--	*9.7*	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	*8.2*	--	*89*	--	--	--	--	*45*	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	*12*	--	*134*	--	--	--	--	*45*	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	*14*	--	*314*	--	--	--	--	*219*	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	*83*	*83*	*83*	*0.44*	*2.9*	*3*	*2.3*	*0.023*	*0.0045*	*0.0033*	*1.2*	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	*530*	*530*	*420*	*1.2*	*9.3*	*4.7*	*11*	*8.4*	*0.91*	*0.51*	*4.8*	--	--	--	--	--
Table K-1 Direct Exposure: Residential			*120000*	*120000*	*3900*	*2200*	*0.54*	*720*	*2.9*	*350*	*35*	*0.36*	*0.1*	*1.7*	*78*	*21*	*80*	*1,500*	*23,000*
Table K-2 Direct Exposure: Commercial/Industrial			*1,200,000*	*1,200,000*	*12,000*	*15,000*	*3*	*1,100*	*15.0*	*510*	*200*	*1.8*	*1.1*	*8.4*	*1,000*	*110*	*320*	*17,000*	*310,000*
Table K-3 Direct Exposure: Construction/Trench Worker			*330,000*	*330,000*	*12,000*	*6,200*	*3.1*	*3,000*	*28*	*1,500*	*170*	*18*	*0.86*	*280*	*110*	*2.9*	*No Value*	*6,100*	*93,000*
A1-21	6/21/2007	15	--	25 HL	12 HLY	6.9 H	<0.005	<0.005	<0.005	0.0068	<0.005	--	--	--	<0.25	48	11	81	58
A1-22	6/21/2007	15	--	10	85 HLY	180 H	<0.13	<0.13	1.1	1.7	<0.13	--	--	--	0.34	46	4.7	76	54
A1-23	6/21/2007	15	--	23 HL	55 HLY	69 H	<0.36	0.67	1.6	8	<0.36	--	--	--	<0.26	46	7	66	51
A1-24	6/21/2007	15	--	<5.0	100 LY	320 H	<1.7	9.8	4.8	22.9	<1.7	--	--	--	<0.25	40	3.7	48	47
A1-25	6/21/2007	15	--	390 HL	120 HY	<1.0	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	--	--	--	<0.26	53	3.9	60	56
A1-26	6/21/2007	15	--	51 L	36 HLY	<1.0	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	--	--	--	<0.25	46	4.6	140	44
A1-27	6/21/2007	15	--	65 HL	29 HLY	7.5 HY	<0.0049	<0.0049	<0.0049	0.0054	<0.0049	--	--	--	<0.25	46	6.1	66	51
A1-28	6/21/2007	15	--	40 HL	31 HLY	5.5 HY	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	<0.25	47	7.9	67	50
A1-29	6/21/2007	15	--	8.1 L	19 HLY	11 HY	<0.13	<0.13	<0.13	<0.13	<0.13	--	--	--	<0.25	48	4	63	56
A1-30	6/21/2007	15	--	13 HL	14 HLY	4.1 HY	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	--	--	--	<0.25	48	10	74	53
A1-31	6/21/2007	15	--	7.6 HL	7.8 HLY	1.2 HY	<0.005	<0.005	<0.005	0.011	<0.005	--	--	--	<0.25	43	6.2	71	48
A1-32	6/21/2007	15	--	<5.0	16 LY	23 H	<0.025	<0.025	0.13	0.55	<0.025	--	--	--	<0.27	38	2	55	41
A1-33	6/21/2007	15	--	110 H	23 HY	<1.0	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	--	--	--	0.32	49	14	120	55
A1-34	6/21/2007	15	--	220 H	59 HY	<0.96	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	--	--	--	<0.25	49	5	71	55
A1-35	6/21/2007	15	--	100 HL	23 HLY	<1.0	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	--	--	--	<0.25	38	11	59	45
A1-36	6/21/2007	15	--	<5.0	<0.99	<1.0	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	--	--	--	0.27	40	10	91	54
A1-37	6/21/2007	15	--	14 HL	51 HLY	130 H	<0.025	<0.025	<0.025	<0.025	<0.025	--	--	--	0.31	40	9.3	80	49
A1-38	6/21/2007	15	--	6.9 L	20 HLY	6.7 HY	<0.025	<0.025	<0.025	<0.025	<0.025	--	--	--	<0.25	37	5.4	47	41
A1-39	6/21/2007	15	--	11 L	43 HLY	200 H	<0.25	<0.25	<0.25	3.4	<0.25	--	--	--	<0.25	37	13	66	41
A1-40	6/21/2007	15	--	<5.0	12 LY	5.6 H	<0.13	<0.13	0.34	1.2	<0.13	--	--	--	0.35	33	1.8	53	40

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
									Reported in milligrams per kilogram (mg/kg)										
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
Cambria 2006 - Product Piping Compliance Samples (Source: Cambria's January 24, 2007 *Site Investigation and Remediation Excavation Report*)																			
~~PP-1~~	~~9/21/2006~~	~~2~~	~~--~~	~~--~~	~~100~~	~~<1.0~~	~~<0.0005~~	~~<0.0005~~	~~<0.0005~~	~~<0.02~~	~~<0.05~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~20.3~~	~~--~~	~~--~~
~~PP-2~~	~~9/19/2006~~	~~2~~	~~--~~	~~--~~	~~<10~~	~~<1.0~~	~~<0.0005~~	~~<0.0005~~	~~<0.0005~~	~~<0.02~~	~~<0.05~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~12.4~~	~~--~~	~~--~~
~~PP-3~~	~~9/19/2006~~	~~3~~	~~--~~	~~--~~	~~320~~	~~200~~	~~0.08~~	~~0.08~~	~~0.4~~	~~1.3~~	~~<0.05~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~69.3~~	~~--~~	~~--~~
~~PP-4~~	~~9/19/2006~~	~~3~~	~~--~~	~~--~~	~~<10~~	~~5.9~~	~~<0.0005~~	~~0.009~~	~~<0.0005~~	~~0.03~~	~~<0.05~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~12.2~~	~~--~~	~~--~~
Cambria - 2006 Excavation Compliance Samples (Source: Cambria's January 24, 2007 Site Investigation and Remediation Excavation Report)																			
EX-1	9/5/2006	19	--	--	--	4.3	**0.14**	0.022	0.068	0.41	<0.003	--	--	--	--	--	--	--	--
EX-2	9/5/2006	19	--	--	--	**1,300**	**9.7**	**24**	**25**	**140**	<0.062	--	--	--	--	--	--	--	--
EX-3	9/6/2006	18	--	--	--	**160**	**0.18**	1.1	2.1	**13**	<0.062	--	--	--	--	--	--	--	--
EX-4	9/6/2006	19	--	--	--	18	**0.12**	0.011	0.12	0.3	<0.0005	--	--	--	--	--	--	--	--
EX-5	9/7/2006	18	--	--	11	2.4	**0.23**	0.001	0.014	0.011	<0.0005	--	--	--	--	--	--	--	--
EX-6	9/7/2006	18	--	--	<10	4.5	**0.098**	0.002	0.043	0.002	0.018	--	--	--	--	--	--	--	--
~~EX-7~~	~~9/8/2006~~	~~18~~	~~--~~	~~--~~	~~--~~	~~1.5~~	~~0.0008~~	~~0.002~~	~~<0.001~~	~~0.002~~	~~<0.0005~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
EX-7	9/11/2006	20	--	--	1.4	0.25	**0.17**	<0.005	<0.005	<0.005	--	--	--	--	--	--	<5.0	--	--
~~EX-8~~	~~9/8/2006~~	~~18~~	~~--~~	~~--~~	~~--~~	~~900~~	~~<0.003~~	~~<0.005~~	~~0.018~~	~~0.18~~	~~<0.003~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
EX-8	9/11/2006	20	--	--	1.5	0.97	**1.3**	<0.05	0.1	<0.05	--	--	--	--	--	--	<5.0	--	--
~~EX-9~~	~~9/8/2006~~	~~18~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~<0.0005~~	~~0.001~~	~~<0.001~~	~~0.001~~	~~<0.0005~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
EX-9	9/11/2006	20	--	--	1.5	0.85	**0.43**	<0.02	<0.02	<0.02	--	--	--	--	--	--	5.8	--	--
EX-10	9/11/2006	20	--	--	1.3	0.14	**0.1**	<0.005	0.012	0.008	--	--	--	--	--	--	9.8	--	--

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
							Reported in milligrams per kilogram (mg/kg)												
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
Cambria 2006 Subsurface Investigation (Source: Cambria's January 24, 2007 *Site Investigation and Remediation Excavation Report*)																			
~~SWW-1~~	~~6/20/2006~~	~~5~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWW-1~~	~~6/21/2006~~	~~11~~	~~--~~	~~--~~	~~--~~	~~18~~	~~<0.0005~~	~~<0.001~~	~~0.017~~	~~0.008~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWW-1~~	~~6/21/2006~~	~~15~~	~~--~~	~~--~~	~~--~~	~~530~~	~~<0.063~~	~~<0.13~~	~~1.8~~	~~2.4~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
SWW-1	6/21/2006	20	--	--	--	**140**	<0.063	<0.13	0.50	**1.5**	--	--	--	--	--	--	--	--	--
SWW-2	6/20/2006	5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
SWW-2	6/21/2006	12	--	--	--	2.1	<0.0005	<0.001	<0.001	**0.001**	--	--	--	--	--	--	--	--	--
SWW-2	6/21/2006	16	--	--	--	2.3	<0.0005	<0.001	<0.001	**0.004**	--	--	--	--	--	--	--	--	--
SWW-2	6/21/2006	20	--	--	--	1.9	<0.0005	<0.001	<0.001	**0.005**	--	--	--	--	--	--	--	--	--
SWW-2	6/21/2006	23	--	--	--	<1.0	<0.0005	<0.001	<0.001	**0.005**	--	--	--	--	--	--	--	--	--
SWW-3	6/20/2006	5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
SWW-3	6/21/2006	10	--	--	--	1.8	<0.0005	<0.001	<0.001	**0.004**	--	--	--	--	--	--	--	--	--
SWW-3	6/21/2006	15	--	--	--	4.0	<0.0005	<0.001	0.078	**0.001**	--	--	--	--	--	--	--	--	--
SWW-3	6/21/2006	20	--	--	--	6.1	0.0008	<0.001	0.011	**0.063**	--	--	--	--	--	--	--	--	--
SWW-3	6/21/2006	23	--	--	--	<1.0	<0.0005	<0.001	<0.001	**0.002**	--	--	--	--	--	--	--	--	--
~~SWW-5~~	~~6/20/2006~~	~~5~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~0.002~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWW-5~~	~~6/22/2006~~	~~10~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWW-5~~	~~6/22/2006~~	~~15~~	~~--~~	~~--~~	~~--~~	~~1,700~~	~~<0.063~~	~~1.1~~	~~11~~	~~65~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
SWW-5	6/22/2006	20	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
~~SWS-1~~	~~6/21/2006~~	~~5~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWS-1~~	~~6/24/2006~~	~~10~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~0.001~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWS-1~~	~~6/24/2006~~	~~15~~	~~--~~	~~--~~	~~--~~	~~260~~	~~0.28~~	~~0.20~~	~~1.2~~	~~**2.7**~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
SWS-1	6/24/2006	20	--	--	--	2.2	0.012	<0.001	<0.001	**0.001**	--	--	--	--	--	--	--	--	--
~~SWS-2~~	~~6/21/2006~~	~~5~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWS-2~~	~~6/28/2006~~	~~10~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~0.003~~	~~0.006~~	~~<0.001~~	~~0.002~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWS-2~~	~~6/28/2006~~	~~15~~	~~--~~	~~--~~	~~--~~	~~2.7~~	~~0.0009~~	~~0.003~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
SWS-2	6/28/2006	20	--	--	--	25	0.001	0.009	0.042	**0.22**	--	--	--	--	--	--	--	--	--
~~SWS-3~~	~~6/21/2006~~	~~5~~	~~--~~	~~--~~	~~--~~	~~28~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWS-3~~	~~6/24/2006~~	~~10~~	~~--~~	~~--~~	~~--~~	~~12~~	~~0.13~~	~~<0.005~~	~~0.76~~	~~**0.013**~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWS-3~~	~~6/24/2006~~	~~15~~	~~--~~	~~--~~	~~--~~	~~91~~	~~0.13~~	~~<0.13~~	~~0.51~~	~~**1.4**~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
SWS-3	6/24/2006	20	--	--	--	5.9	0.15	0.009	0.011	**0.03**	--	--	--	--	--	--	--	--	--
~~SWS-4~~	~~6/21/2006~~	~~5~~	~~--~~	~~--~~	~~--~~	~~<1.0~~	~~0.0009~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWS-4~~	~~6/24/2006~~	~~10~~	~~--~~	~~--~~	~~--~~	~~24~~	~~0.083~~	~~0.009~~	~~0.078~~	~~0.20~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SWS-4~~	~~6/24/2006~~	~~15~~	~~--~~	~~--~~	~~--~~	~~1,400~~	~~4.0~~	~~0.49~~	~~3.4~~	~~18~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
SWS-4	6/24/2006	20	--	--	--	2.2	0.003	<0.001	<0.001	**0.001**	--	--	--	--	--	--	--	--	--

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
~~SWS-5~~	~~6/21/2006~~	~~5~~	~~—~~	~~—~~	~~—~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SWS-5~~	~~6/24/2006~~	~~10~~	~~—~~	~~—~~	~~—~~	~~46~~	~~0.39~~	~~0.77~~	~~0.18~~	~~0.84~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SWS-5~~	~~6/24/2006~~	~~15~~	~~—~~	~~—~~	~~—~~	~~1,100~~	~~<0.063~~	~~2.1~~	~~3.1~~	~~19~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
SWS-5	6/24/2006	20	--	--	--	5.9	**0.071**	0.002	0.008	**0.017**	--	--	--	--	--	--	--	--	--
~~SWS-6~~	~~6/21/2006~~	~~5~~	~~—~~	~~—~~	~~—~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SWS-6~~	~~6/28/2006~~	~~10~~	~~—~~	~~—~~	~~—~~	~~1.5~~	~~0.019~~	~~0.004~~	~~0.002~~	~~0.003~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SWS-6~~	~~6/28/2006~~	~~15~~	~~—~~	~~—~~	~~—~~	~~620~~	~~<0.063~~	~~2.6~~	~~3.0~~	~~16~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
SWS-6	6/28/2006	20	--	--	--	2.8	0.001	0.003	<0.001	0.001	--	--	--	--	--	--	--	--	--
~~SWS-7~~	~~6/21/2006~~	~~5~~	~~—~~	~~—~~	~~—~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SWS-7~~	~~6/28/2006~~	~~10~~	~~—~~	~~—~~	~~—~~	~~<1.0~~	~~0.0007~~	~~0.002~~	~~<0.001~~	~~0.001~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SWS-7~~	~~6/28/2006~~	~~15~~	~~—~~	~~—~~	~~—~~	~~92~~	~~<0.063~~	~~0.15~~	~~0.15~~	~~1.1~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
SWS-7	6/28/2006	20	--	--	--	5.5	<0.062	<0.12	0.39	2.6	--	--	--	--	--	--	--	--	--
SWE-1	6/21/2006	5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
SWE-1	6/28/2006	10	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
SWE-1	6/28/2006	15	--	--	--	1.7	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
SWE-1	6/28/2006	20	--	--	--	290	<0.063	<0.13	<0.13	0.22	--	--	--	--	--	--	--	--	--
SWE-2	6/21/2006	5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
SWE-2	6/28/2006	10	--	--	--	1.1	0.002	0.009	0.002	0.008	--	--	--	--	--	--	--	--	--
SWE-2	6/28/2006	15	--	--	--	**160**	<0.062	0.21	0.22	1.4	--	--	--	--	--	--	--	--	--
SWE-2	6/28/2006	20	--	--	--	**1,500**	0.075	**7.1**	5.1	**28**	--	--	--	--	--	--	--	--	--
SWE-3	6/21/2006	5	--	--	--	350	<0.062	<0.012	0.22	2.7	--	--	--	--	--	--	--	--	--
SWE-3	6/21/2006	10	--	--	--	220	<0.062	0.17	0.36	3.0	--	--	--	--	--	--	--	--	--
SWE-3	6/28/2006	15	--	--	--	4	<0.0005	<0.001	0.078	0.001	--	--	--	--	--	--	--	--	--
SWE-3	6/28/2006	20	--	--	--	**790**	**4.9**	**100**	**46**	**260**	--	--	--	--	--	--	--	--	--
SWE-4	6/21/2006	5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
SWE-4	6/22/2006	10	--	--	--	1.2	0.18	0.003	0.008	0.007	--	--	--	--	--	--	--	--	--
SWE-4	6/22/2006	16	--	--	--	**720**	**0.58**	**8.2**	4.2	**24**	--	--	--	--	--	--	--	--	--
SWE-4	6/22/2006	20	--	--	--	3.1	**0.31**	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
SWE-5	6/21/2006	5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
SWE-5	6/28/2006	10	--	--	--	<1.0	0.001	0.004	<0.001	0.002	--	--	--	--	--	--	--	--	--
SWE-5	6/28/2006	15	--	--	--	42	<0.062	1.3	1.2	8.6	--	--	--	--	--	--	--	--	--
SWE-5	6/28/2006	20	--	--	--	**940**	**0.25**	**6.5**	3.8	**24**	--	--	--	--	--	--	--	--	--
CSB-1	6/22/2006	19.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-1	6/22/2006	22	--	--	--	3.7	0.41	0.06	0.04	0.031	--	--	--	--	--	--	--	--	--

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
CSB-3	6/22/2006	19.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-3	6/22/2006	22	--	--	--	<1.0	0.001	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
CSB-4	6/22/2006	20.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-4	6/22/2006	23	--	--	--	**510**	**0.33**	0.47	4.0	**19**	--	--	--	--	--	--	--	--	--
CSB-4	6/22/2006	24.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-5	6/22/2006	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-5	6/22/2006	22	--	--	--	<1.0	0.002	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
CSB-6	6/22/2006	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-6	6/22/2006	22	--	--	--	<1.0	0.0008	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
CSB-7	6/23/2006	19.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-7	6/23/2006	22	<330	--	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	4.96	--	--
CSB-8	6/23/2006	20	--	--	--	**8600**	**9.5**	**11**	17	**91**	--	--	--	--	--	--	--	--	--
CSB-8	6/23/2006	21.5	--	--	--	28	**0.61**	0.092	0.089	0.47	--	--	--	--	--	--	--	--	--
CSB-8	6/23/2006	23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-9	6/23/2006	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-9	6/23/2006	23	--	-- --	--	2.6	**0.43**	0.005	0.004	0.015	--	--	--	--	--	--	--	--	--

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FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
CSB-10	6/24/2006	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-10	6/24/2006	22	--	--	--	<1.0	0.005	<0.001	0.002	0.006	--	--	--	--	--	--	--	--	--
CSB-11	6/23/2006	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-11	6/23/2006	22	--	--	--	2.0	0.006	0.016	0.005	0.030	--	--	--	--	--	--	--	--	--
CSB-12	6/23/2006	19.5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
~~CSB-13~~	~~6/24/2006~~	~~14~~	~~--~~	~~--~~	~~--~~	~~27~~	~~<0.002~~	~~<0.005~~	~~0.018~~	~~<0.005~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
CSB-13	6/24/2006	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-13	6/24/2006	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-14	6/23/2006	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CSB-14	6/23/2006	22.5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
~~CSB-16~~	~~6/20/2006~~	~~3~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~**74.4**~~	~~--~~	~~--~~
~~CSB-16~~	~~6/24/2006~~	~~9~~	~~<330~~	~~--~~	~~<10~~	~~<1.0~~	~~0.0007~~	~~0.003~~	~~<0.001~~	~~0.002~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~6.26~~	~~--~~	~~--~~
~~CSB-16~~	~~6/24/2006~~	~~14~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~4.97~~	~~--~~	~~--~~
~~CSB-16~~	~~6/24/2006~~	~~15~~	~~<330~~	~~--~~	~~<10~~	~~<1.0~~	~~0.0009~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~4.79~~	~~--~~	~~--~~
~~CSB-17~~	~~6/20/2006~~	~~3~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~446~~	~~--~~	~~--~~

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
~~CSB-17~~	~~6/20/2006~~	~~6~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~43.1~~	~~--~~	~~--~~
~~CSB-17~~	~~6/24/2006~~	~~11.5~~	~~<330~~	~~--~~	~~<10~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~9.55~~	~~--~~	~~--~~
~~CSB-17~~	~~6/24/2006~~	~~13~~	~~--~~	~~--~~	~~--~~	~~HOLD~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
CSB-17	6/24/2006	16	<330	--	<10	1.5	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	9.97	--	--
~~CSB-18~~	~~6/20/2006~~	~~3~~	~~<330~~	~~--~~	~~<10~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~0.003~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~97.1~~	~~--~~	~~--~~
~~CSB-18~~	~~6/20/2006~~	~~6~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~26.3~~	~~--~~	~~--~~
~~CSB-18~~	~~6/23/2006~~	~~9~~	~~<330~~	~~--~~	~~75~~	~~1.7~~	~~0.0006~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~7.29~~	~~--~~	~~--~~
~~CSB-18~~	~~6/23/2006~~	~~13~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~CSB-18~~	~~6/23/2006~~	~~15~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~CSB-18~~	~~6/23/2006~~	~~16~~	~~<330~~	~~--~~	~~<10~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~0.003~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~4.88~~	~~--~~	~~--~~
CSB-18	6/23/2006	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
~~CSB-19~~	~~6/20/2006~~	~~5~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~CSB-19~~	~~6/24/2006~~	~~11~~	~~<330~~	~~--~~	~~<10~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~14.3~~	~~--~~	~~--~~
~~CSB-19~~	~~6/24/2006~~	~~14~~	~~<330~~	~~--~~	~~<10~~	~~<1.0~~	~~<0.0005~~	~~<0.001~~	~~<0.001~~	~~<0.001~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
CSB-20	6/20/2006	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12.4	--	--
CSB-20	6/28/2006	12	<330	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	5.93	--	--
CSB-20	6/28/2006	13.5	<330	--	--	24	<0.002	<0.005	0.007	<0.005	--	--	--	--	--	--	9.79	--	--
CSB-20	6/28/2006	15	<330	--	--	1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	9.04	--	--

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*Naphthalene*	*Cadmium*	*Chromium*	*Lead*	*Nickel*	*Zinc*
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	*1.9*	--	*21*	--	--	--	--	*9.7*	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	*2.8*	--	*32*	--	--	--	--	*9.7*	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	*8.2*	--	*89*	--	--	--	--	*45*	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	*12*	--	*134*	--	--	--	--	*45*	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	*14*	--	*314*	--	--	--	--	*219*	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	*83*	*83*	*83*	*0.44*	*2.9*	*3*	*2.3*	*0.023*	*0.0045*	*0.0033*	*1.2*	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	*530*	*530*	*420*	*1.2*	*9.3*	*4.7*	*11*	*8.4*	*0.91*	*0.51*	*4.8*	--	--	--	--	--
Table K-1 Direct Exposure: Residential			*120000*	*120000*	*3900*	*2200*	*0.54*	*720*	*2.9*	*350*	*35*	*0.36*	*0.1*	*1.7*	*78*	*21*	*80*	*1,500*	*23,000*
Table K-2 Direct Exposure: Commercial/Industrial			*1,200,000*	*1,200,000*	*12,000*	*15,000*	*3*	*1,100*	*15.0*	*510*	*200*	*1.8*	*1.1*	*8.4*	*1,000*	*110*	*320*	*17,000*	*310,000*
Table K-3 Direct Exposure: Construction/Trench Worker			*330,000*	*330,000*	*12,000*	*6,200*	*3.1*	*3,000*	*28*	*1,500*	*170*	*18*	*0.86*	*280*	*110*	*2.9*	*No Value*	*6,100*	*93,000*
CSB-20	6/28/2006	19.5	<330	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	8.22	--	--
CSB-20	6/28/2006	20	<330	--	--	44	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	9.64	--	--
CSB-20	6/28/2006	20.5	<330	--	--	53	<0.0005	<0.001	0.002	0.004	--	--	--	--	--	--	7.97	--	--
CSB-20	6/28/2006	22	<330	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	4.30	--	--
CSB-20	6/28/2006	23	<330	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	3.00	--	--
CSB-22	6/28/2006	5	--	--	--	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--	--	--	--	--	--	--
CSB-22	6/28/2006	10	--	--	--	56	<0.0005	<0.001	<0.001	0.001	--	--	--	--	--	--	--	--	--
CSB-22	6/28/2006	15	--	--	--	**420**	<0.0063	<0.13	1.7	7.7	--	--	--	--	--	--	--	--	--
CSB-22	6/28/2006	20	--	--	--	290	0.28	0.14	3.9	20	--	--	--	--	--	--	--	--	--
Secor 2006 Investigation (Source: Secor's August 3, 2006 *Soil Management Plan*)																			
~~SB13~~	~~1/17/2006~~	~~10~~	~~--~~	~~<5.0~~	~~<0.99~~	~~<1.0~~	~~0.039~~	~~<0.0046~~	~~<0.0046~~	~~<0.0046~~	~~--~~	~~--~~	~~--~~	~~<0.0046~~	~~0.30~~	~~46~~	~~5.9~~	~~73~~	~~36~~
~~SB13~~	~~1/17/2006~~	~~15~~	~~--~~	~~<5.0~~	~~30 L~~	~~350~~	~~<0.5~~	~~<0.5~~	~~1.4~~	~~7.4~~	~~--~~	~~--~~	~~--~~	~~0.89~~	~~0.32~~	~~48~~	~~12~~	~~81~~	~~53~~
SB13	1/17/2006	18	--	8	**120 L**	4.4	**0.33**	0.15	0.034	0.184	--	--	--	<0.023	<0.21	37	6.7	48	40
~~SB14~~	~~1/19/2006~~	~~10~~	~~--~~	~~<5.0~~	~~6.9 L~~	~~3.5~~	~~<0.0049~~	~~<0.0049~~	~~0.0065~~	~~<0.0049~~	~~--~~	~~--~~	~~--~~	~~<0.0049~~	~~0.50~~	~~35~~	~~14~~	~~96~~	~~40~~
~~SB14~~	~~1/19/2006~~	~~15~~	~~--~~	~~7.5*~~	~~100 L~~	~~1,300~~	~~<1.3~~	~~<1.3~~	~~4.8~~	~~18~~	~~--~~	~~--~~	~~--~~	~~3.5~~	~~0.45~~	~~49~~	~~2.5~~	~~55~~	~~49~~
SB14	1/19/2006	21	--	<5.0	<1.0L	1.7	0.03	0.0089	0.016	0.068	--	--	--	0.0049	0.46	37	3.9	50	56
SB15	1/18/2006	10	--	<5.0	4.5 L	21	**0.084**	<0.025	0.11	0.2	--	--	--	0.060	0.65	68	6.6	180	45

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TOG*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*1,2-DCA*	*EDB*	*Naphthalene*	*Cadmium*	*Chromium*	*Lead*	*Nickel*	*Zinc*
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	*1.9*	--	*21*	--	--	--	--	*9.7*	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	*2.8*	--	*32*	--	--	--	--	*9.7*	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	*8.2*	--	*89*	--	--	--	--	*45*	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	*12*	--	*134*	--	--	--	--	*45*	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	*14*	--	*314*	--	--	--	--	*219*	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	*83*	*83*	*83*	*0.44*	*2.9*	*3*	*2.3*	*0.023*	*0.0045*	*0.0033*	*1.2*	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	*530*	*530*	*420*	*1.2*	*9.3*	*4.7*	*11*	*8.4*	*0.91*	*0.51*	*4.8*	--	--	--	--	--
Table K-1 Direct Exposure: Residential			*120000*	*120000*	*3900*	*2200*	*0.54*	*720*	*2.9*	*350*	*35*	*0.36*	*0.1*	*1.7*	*78*	*21*	*80*	*1,500*	*23,000*
Table K-2 Direct Exposure: Commercial/Industrial			*1,200,000*	*1,200,000*	*12,000*	*15,000*	*3*	*1,100*	*15.0*	*510*	*200*	*1.8*	*1.1*	*8.4*	*1,000*	*110*	*320*	*17,000*	*310,000*
Table K-3 Direct Exposure: Construction/Trench Worker			*330,000*	*330,000*	*12,000*	*6,200*	*3.1*	*3,000*	*28*	*1,500*	*170*	*18*	*0.86*	*280*	*110*	*2.9*	*No Value*	*6,100*	*93,000*
SB15	1/18/2006	15	--	<5.0	27 L	**240**	**0.95**	**3**	1.7	**8**	--	--	--	0.48	<0.25	42	2.3	55	41
SB15	1/18/2006	18	--	<5.0	23 L	**1,400**	**19**	**86**	33	**169**	--	--	--	7.7	<0.26	33	3.9	42	37
~~SB16~~	~~1/18/2006~~	~~5~~	~~--~~	~~8.6~~	~~6.6~~	~~720~~	~~<1.3~~	~~2.7~~	~~2.8~~	~~42~~	~~--~~	~~--~~	~~--~~	~~8.6~~	~~<0.27~~	~~32~~	~~3.8~~	~~42~~	~~31~~
~~SB16~~	~~1/18/2006~~	~~10~~	~~--~~	~~<5.0~~	~~15 L~~	~~730~~	~~1.7~~	~~22~~	~~8.7~~	~~53~~	~~--~~	~~--~~	~~--~~	~~3.1~~	~~<0.26~~	~~43~~	~~2.6~~	~~57~~	~~36~~
~~SB17~~	~~1/18/2006~~	~~10~~	~~--~~	~~<5.0~~	~~16 L~~	~~4~~	~~0.031~~	~~0.045~~	~~<0.01~~	~~0.06~~	~~--~~	~~--~~	~~--~~	~~0.029~~	~~0.27~~	~~55~~	~~4.1~~	~~61~~	~~45~~
~~SB17~~	~~1/18/2006~~	~~15~~	~~--~~	~~5.2~~	~~130 L~~	~~420~~	~~1.8~~	~~11~~	~~4.8~~	~~25.4~~	~~--~~	~~--~~	~~--~~	~~1.8~~	~~0.42~~	~~43~~	~~15~~	~~79~~	~~51~~
~~SB17~~	~~1/18/2006~~	~~18.5~~	~~--~~	~~9.3~~	~~140 L~~	~~1,100~~	~~<5~~	~~16~~	~~21~~	~~106~~	~~--~~	~~--~~	~~--~~	~~6.8~~	~~0.71~~	~~37~~	~~22~~	~~63~~	~~44~~
~~SB18~~	~~1/18/2006~~	~~10~~	~~--~~	~~<5.0~~	~~8.0~~	~~<1.0~~	~~0.041~~	~~<0.0047~~	~~0.0098~~	~~0.0074~~	~~--~~	~~--~~	~~--~~	~~<0.0047~~	~~0.23~~	~~39~~	~~11~~	~~61~~	~~41~~
~~SB18~~	~~1/18/2006~~	~~15~~	~~--~~	~~<5.0~~	~~35 L~~	~~420~~	~~0.51~~	~~0.29~~	~~2.1~~	~~8~~	~~--~~	~~--~~	~~--~~	~~1.2~~	~~0.31~~	~~52~~	~~6.1~~	~~69~~	~~48~~
SB18	1/18/2006	17.5	--	<5.0	170 L	30	1.4	5.1	4.5	21.8	--	--	--	1.8	0.31	45	4.4	58	49
~~SB19~~	~~1/18/2006~~	~~10~~	~~--~~	~~<5.0~~	~~<1.0~~	~~2.7~~	~~0.071~~	~~<0.026~~	~~<0.026~~	~~<0.026~~	~~--~~	~~--~~	~~--~~	~~<0.026~~	~~0.31~~	~~52~~	~~7.8~~	~~73~~	~~51~~
~~SB19~~	~~1/18/2006~~	~~15~~	~~--~~	~~<5.0~~	~~27 L~~	~~670~~	~~2.1~~	~~5.6~~	~~3.7~~	~~18~~	~~--~~	~~--~~	~~--~~	~~1.5~~	~~0.26~~	~~47~~	~~3.7~~	~~54~~	~~49~~
SB19	1/18/2006	18	--	<5.0	120 L	**6,700**	**31**	**170**	73	**349**	--	--	--	23	0.34	40	14	66	47
SB20	1/18/2006	10	--	<5.0	6.7 L	37	<0.13	<0.13	<0.13	0.33	--	--	--	0.27	0.42	57	8.4	110	49
SB20	1/18/2006	15	--	5.5	120 L	**5,900**	**0.1**	**68**	20	**101**	--	--	--	7.1	0.33	43	9.9	71	43
SB20	1/18/2006	18.5	--	<5.0	1.9 L	**6,200**	**26**	**320**	100	**600**	--	--	--	32	0.35	35	23	63	42

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
							Reported in milligrams per kilogram (mg/kg)												
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
~~SB21~~	~~1/17/2006~~	~~9~~	~~—~~	~~16~~	~~82 L~~	~~20H~~	~~<0.0047~~	~~<0.0047~~	~~0.019~~	~~<0.0047~~	~~—~~	~~—~~	~~—~~	~~0.0048~~	~~0.22~~	~~42~~	~~6.5~~	~~64~~	~~29~~
~~SB21~~	~~1/17/2006~~	~~15~~	~~—~~	~~7.6~~	~~25 L~~	~~110~~	~~0.26~~	~~<0.025~~	~~0.49~~	~~0.81~~	~~—~~	~~—~~	~~—~~	~~0.27~~	~~0.32~~	~~52~~	~~6.4~~	~~69~~	~~52~~
SB21	1/17/2006	20.5	--	100	**97 HL**	81	**0.044**	<0.025	0.31	0.52	--	--	--	0.26	0.34	45	8.5	64	47
~~SB22~~	~~1/17/2006~~	~~7~~	~~—~~	~~34~~	~~58 HL~~	~~1.8~~	~~<0.0049~~	~~<0.0049~~	~~<0.0049~~	~~<0.0049~~	~~—~~	~~—~~	~~—~~	~~0.048~~	~~<0.27~~	~~54~~	~~5.8~~	~~76~~	~~24~~
~~SB22~~	~~1/17/2006~~	~~10~~	~~—~~	~~20~~	~~88 L~~	~~700 H~~	~~<4.2~~	~~<4.2~~	~~<4.2~~	~~8.4~~	~~—~~	~~—~~	~~—~~	~~14~~	~~0.23~~	~~59~~	~~18~~	~~62~~	~~44~~
SB22	1/17/2006	20	--	<5.0	<1.0	1.6	**0.058**	<0.0050	0.014	0.0514	--	--	--	0.0095	<0.18	28	1.7	29	26
~~SB23~~	~~1/17/2006~~	~~3~~	~~—~~	~~8.7H~~	~~2.2 H~~	~~<1.0~~	~~0.0047~~	~~<0.0046~~	~~<0.0046~~	~~<0.0046~~	~~—~~	~~—~~	~~—~~	~~<0.0046~~	~~<0.24~~	~~43~~	~~5.2~~	~~29~~	~~21~~
~~SB23~~	~~1/17/2006~~	~~10~~	~~—~~	~~<5.0~~	~~39 L~~	~~150~~	~~<0.13~~	~~<0.13~~	~~<0.13~~	~~<0.13~~	~~—~~	~~—~~	~~—~~	~~0.13~~	~~<0.25~~	~~12~~	~~7.4~~	~~49~~	~~34~~
SB23	1/17/2006	18	--	18	**180 L**	**800**	**2.7**	**7.8**	6.2	**32.4**	--	--	--	2.0	0.37	38	3.6	66	48
~~SB24~~	~~1/19/2006~~	~~10~~	~~—~~	~~<5.0~~	~~3.8 L~~	~~<1.0~~	~~<0.0048~~	~~<0.0048~~	~~<0.0048~~	~~<0.0048~~	~~—~~	~~—~~	~~—~~	~~<0.0048~~	~~0.19~~	~~41~~	~~5.6~~	~~61~~	~~23~~
~~SB24~~	~~1/19/2006~~	~~15~~	~~—~~	~~11~~	~~170 L~~	~~310~~	~~0.31~~	~~<0.13~~	~~0.61~~	~~0.89~~	~~—~~	~~—~~	~~—~~	~~0.23~~	~~0.27~~	~~47~~	~~4.2~~	~~54~~	~~49~~
SB24	1/19/2006	20	--	12	**360 L**	**1,200**	**1.1**	**12**	13	**59**	--	--	--	3.7	0.34	31	7.3	48	38
~~SB25~~	~~1/17/2006~~	~~5~~	~~—~~	~~<5.0~~	~~1.2 L~~	~~5.1~~	~~0.49~~	~~<0.025~~	~~0.11~~	~~<2.5~~	~~—~~	~~—~~	~~—~~	~~<0.025~~	~~<0.22~~	~~45~~	~~6.4~~	~~38~~	~~26~~
~~SB25~~	~~1/17/2006~~	~~9~~	~~—~~	~~26H~~	~~93 L~~	~~2,000~~	~~7~~	~~<2.5~~	~~29~~	~~33~~	~~—~~	~~—~~	~~—~~	~~11~~	~~0.29~~	~~36~~	~~12~~	~~63~~	~~37~~
~~SB25~~	~~1/17/2006~~	~~18.5~~	~~—~~	~~53~~	~~490 L~~	~~830~~	~~3.4~~	~~9.5~~	~~5.8~~	~~30.4~~	~~—~~	~~—~~	~~—~~	~~2.5~~	~~0.31~~	~~46~~	~~4.0~~	~~72~~	~~53~~
~~SB26~~	~~1/17/2006~~	~~5~~	~~—~~	~~22H~~	~~1.7 H~~	~~3.8~~	~~0.2~~	~~<0.0046~~	~~0.025~~	~~<0.0046~~	~~—~~	~~—~~	~~—~~	~~<0.0046~~	~~<0.23~~	~~52~~	~~6.0~~	~~34~~	~~26~~

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	*1.9*	--	*21*	--	--	--	--	*9.7*	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	*2.8*	--	*32*	--	--	--	--	*9.7*	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	*8.2*	--	*89*	--	--	--	--	*45*	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	*12*	--	*134*	--	--	--	--	*45*	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	*14*	--	*314*	--	--	--	--	*219*	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	*83*	*83*	*83*	*0.44*	*2.9*	*3*	*2.3*	*0.023*	*0.0045*	*0.0033*	*1.2*	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	*530*	*530*	*420*	*1.2*	*9.3*	*4.7*	*11*	*8.4*	*0.91*	*0.51*	*4.8*	--	--	--	--	--
Table K-1 Direct Exposure: Residential			*120000*	*120000*	*3900*	*2200*	*0.54*	*720*	*2.9*	*350*	*35*	*0.36*	*0.1*	*1.7*	*78*	*21*	*80*	*1,500*	*23,000*
Table K-2 Direct Exposure: Commercial/Industrial			*1,200,000*	*1,200,000*	*12,000*	*15,000*	*3*	*1,100*	*15.0*	*510*	*200*	*1.8*	*1.1*	*8.4*	*1,000*	*110*	*320*	*17,000*	*310,000*
Table K-3 Direct Exposure: Construction/Trench Worker			*330,000*	*330,000*	*12,000*	*6,200*	*3.1*	*3,000*	*28*	*1,500*	*170*	*18*	*0.86*	*280*	*110*	*2.9*	*No Value*	*6,100*	*93,000*
~~SB26~~	~~1/17/2006~~	~~10~~	~~--~~	~~36~~	~~370 L~~	~~2,100~~	~~5.4~~	~~<2.5~~	~~28~~	~~133~~	~~--~~	~~--~~	~~--~~	~~10~~	~~<0.26~~	~~46~~	~~9.7~~	~~61~~	~~25~~
SB26	1/17/2006	20.5	--	<5.0	1.6 L	**11,000**	<3.6	<3.6	5.9	<3.6	--	--	--	<3.6	0.27	35	2.5	53	38
~~SB27~~	~~1/17/2006~~	~~10~~	~~--~~	~~<5.0~~	~~1.9~~	~~<0.99~~	~~<0.0048~~	~~<0.0046~~	~~<0.0048~~	~~<0.0046~~	~~--~~	~~--~~	~~--~~	~~<0.0048~~	~~<0.26~~	~~49~~	~~7.4~~	~~86~~	~~31~~
~~SB27~~	~~1/17/2006~~	~~15~~	~~--~~	~~<5.0~~	~~32~~	~~21~~	~~<0.13~~	~~<0.13~~	~~0.45~~	~~<0.13~~	~~--~~	~~--~~	~~--~~	~~0.21~~	~~0.38~~	~~62~~	~~4.4~~	~~70~~	~~59~~
SB27	1/17/2006	18.5	--	37	**190 L**	**2,100**	**8.8**	<3.6	18	**76**	--	--	--	5.8	0.36	40	3.9	53	44
~~SB28~~	~~1/17/2006~~	~~10~~	~~--~~	~~7.6~~	~~61 L~~	~~33~~	~~<0.13~~	~~<0.13~~	~~0.13~~	~~0.27~~	~~--~~	~~--~~	~~--~~	~~0.32~~	~~0.26~~	~~46~~	~~9.9~~	~~59~~	~~43~~
~~SB28~~	~~1/17/2006~~	~~15~~	~~--~~	~~16~~	~~100 L~~	~~110~~	~~2.5~~	~~0.77~~	~~3.3~~	~~14.1~~	~~--~~	~~--~~	~~--~~	~~1.3~~	~~0.28~~	~~68~~	~~3.0~~	~~54~~	~~48~~
SB28	1/17/2006	20	--	<5.0	<1.0	8	**0.46**	<0.13	<0.13	<0.13	--	--	--	<0.13	<0.20	27	5.4	32	28
~~SB29~~	~~1/18/2006~~	~~10~~	~~--~~	~~<5.0~~	~~<1.0~~	~~<1.1~~	~~0.0077~~	~~<0.0048~~	~~<0.0048~~	~~<0.0048~~	~~--~~	~~--~~	~~--~~	~~<0.0048~~	~~0.31~~	~~45~~	~~9.4~~	~~70~~	~~37~~
~~SB29~~	~~1/18/2006~~	~~17~~	~~--~~	~~<5.0~~	~~36 L~~	~~43~~	~~0.42~~	~~0.3~~	~~0.59~~	~~2.62~~	~~--~~	~~--~~	~~--~~	~~0.19~~	~~0.39~~	~~47~~	~~2.5~~	~~62~~	~~54~~
SB29	1/18/2006	21	--	<5.0	2.4 L	<1.1	**0.3**	<0.025	<0.025	<0.025	--	--	--	<0.025	0.27	32	5.6	45	47
~~SB30~~	~~1/19/2006~~	~~10~~	~~--~~	~~<5.0~~	~~18 L~~	~~3,600~~	~~0.28~~	~~0.55~~	~~0.24~~	~~0.99~~	~~--~~	~~--~~	~~--~~	~~0.20~~	~~0.42~~	~~74~~	~~7.6~~	~~150~~	~~45~~
~~SB30~~	~~1/19/2006~~	~~15~~	~~--~~	~~14~~	~~370 L~~	~~590~~	~~2.8~~	~~15~~	~~6.2~~	~~32.4~~	~~--~~	~~--~~	~~--~~	~~2.4~~	~~0.33~~	~~48~~	~~5.4~~	~~60~~	~~44~~
SB30	1/19/2006	18	--	6.1	64 L	4.3Z	**0.32**	0.44	0.096	0.5	--	--	--	<0.025	0.22	32	3.1	41	36
SB37	1/19/2006	10	--	1500	**1,200 HL**	**7,900**	<6.3	<6.3	31	**75**	--	--	--	14.0	0.23	45	7.9	89	39
SB37	1/19/2006	13	--	110	65 HL	17	<0.13	<0.13	<0.13	<0.13	--	--	--	1.3	0.25	37	9.0	66	39

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
SB37	1/19/2006	16	--	38	**210 HL**	**1,000**	<0.13	<0.13	0.14	<0.13	--	--	--	0.91	0.34	47	5.1	60	46
~~SB38~~	~~1/19/2006~~	~~4.5~~	~~--~~	~~6,000~~	~~1,600 HL~~	~~43~~	~~<0.13~~	~~<0.13~~	~~<0.13~~	~~<0.13~~	~~--~~	~~--~~	~~--~~	~~0.39~~	~~2.2~~	~~29~~	~~1,300~~	~~35~~	~~330~~
~~SB38~~	~~1/19/2006~~	~~12~~	~~--~~	~~69~~	~~14 H~~	~~16~~	~~<0.0050~~	~~<0.0050~~	~~<0.0050~~	~~<0.0050~~	~~--~~	~~--~~	~~--~~	~~<0.0050~~	~~<0.19~~	~~39~~	~~6.8~~	~~45~~	~~28~~
SB38	1/19/2006	17	--	62	14 H	<0.95	<0.0046	<0.0046	<0.0046	<0.0046	--	--	--	<0.0046	0.23	32	4.6	37	33
~~SB39~~	~~1/19/2006~~	~~10~~	~~--~~	~~<5.0~~	~~<1.0~~	~~<1.0~~	~~<0.0049~~	~~<0.0049~~	~~<0.0049~~	~~<0.0049~~	~~--~~	~~--~~	~~--~~	~~<0.0049~~	~~0.28~~	~~36~~	~~8.5~~	~~64~~	~~35~~
~~SB39~~	~~1/19/2006~~	~~14~~	~~--~~	~~<5.0~~	~~16 L~~	~~10~~	~~<0.13~~	~~<0.13~~	~~<0.13~~	~~<0.13~~	~~--~~	~~--~~	~~--~~	~~<0.13~~	~~0.31~~	~~52~~	~~6.8~~	~~56~~	~~52~~
SB39	1/19/2006	18	--	<5.0	1.5 L	500	<0.13	<0.13	<0.13	<0.13	--	--	--	1.4	<0.27	37	2.6	44	42
~~SB40~~	~~1/19/2006~~	~~10~~	~~--~~	~~<5.0~~	~~<1.0~~	~~<0.92~~	~~0.0046~~	~~<0.0046~~	~~<0.0046~~	~~<0.0046~~	~~--~~	~~--~~	~~--~~	~~<0.0046~~	~~0.24~~	~~39~~	~~7.4~~	~~66~~	~~34~~
~~SB40~~	~~1/19/2006~~	~~15~~	~~--~~	~~<5.0~~	~~22 L~~	~~8.6~~	~~0.013~~	~~<0.013~~	~~<0.013~~	~~<0.013~~	~~--~~	~~--~~	~~--~~	~~<0.013~~	~~0.38~~	~~39~~	~~6.0~~	~~57~~	~~52~~
SB40	1/19/2006	18.5	--	~~<5.0~~	47 L	**600**	<0.42	<0.42	0.62	**3.6**	--	--	--	1.1	0.34	34	3.9	39	35
SB41	1/19/2006	10	--	<5.0	<1.0	<0.99	<0.0049	<0.0049	<0.0049	<0.0049	--	--	--	<0.0049	0.37	45	2.2	64	30
SB41	1/19/2006	15	--	<5.0	7.2 L	5.4	**0.2**	<0.0050	0.063	<0.0050	--	--	--	<0.0050	0.47	52	2.3	58	54
SB41	1/19/2006	18	--	<5.0	2.3 L	**1,500**	<1.7	<1.7	5.9	**9.5**	--	--	--	2.9	0.31	28	2.1	35	33
~~SB42~~	~~1/18/2006~~	~~10~~	~~--~~	~~<5.0~~	~~1.7 L~~	~~1.7~~	~~0.085~~	~~<0.0050~~	~~0.017~~	~~<0.0050~~	~~--~~	~~--~~	~~--~~	~~<0.0050~~	~~0.30~~	~~52~~	~~3.8~~	~~68~~	~~41~~
~~SB42~~	~~1/18/2006~~	~~14~~	~~--~~	~~26H~~	~~19 L~~	~~45~~	~~0.18~~	~~0.32~~	~~0.2~~	~~0.9~~	~~--~~	~~--~~	~~--~~	~~0.30~~	~~0.34~~	~~45~~	~~8.8~~	~~69~~	~~55~~
SB42	1/18/2006	18	--	<5.0	79 L	**640**	**2.1**	**9.4**	5.4	**27.7**	--	--	--	2.0	0.27	44	6.4	72	46

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CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
~~SB43~~	~~1/19/2006~~	~~15~~	~~--~~	~~18~~	~~24 L~~	~~320~~	~~<0.25~~	~~<0.25~~	~~0.29~~	~~<0.25~~	~~--~~	~~--~~	~~--~~	~~0.81~~	~~0.69~~	~~51~~	~~5.8~~	~~73~~	~~56~~
Secor 2004 Investigation (Source: Secor's February 10, 2004 *Phase II Environmental Site Assessment Report*)																			
~~SB-1~~	~~1/8/2004~~	~~15~~	~~--~~	~~<50~~	~~3.8*~~	~~61~~	~~0.059~~	~~0.046~~	~~<0.023~~	~~0.1~~	~~<0.023~~	~~<0.023~~	~~<0.045~~	~~<0.045~~	~~<0.50~~	~~34~~	~~2.8~~	~~44~~	~~38~~
SB-2	1/8/2004	10	--	<50	8.2*	34	<0.019	<0.019	0.14	0.110	<0.019	<0.019	**<0.038**	0.095	<0.50	35	6.2	74	33
~~SB-3~~	~~1/8/2004~~	~~5~~	~~--~~	~~<50~~	~~78*~~	~~390~~	~~1.2~~	~~2.3~~	~~7.1~~	~~29~~	~~--~~	~~--~~	~~--~~	~~5.0~~	~~<0.50~~	~~28~~	~~4.9~~	~~37~~	~~26~~
~~SB-3~~	~~1/8/2004~~	~~15~~	~~--~~	~~<50~~	~~250*~~	~~2,300~~	~~37~~	~~140~~	~~55~~	~~230~~	~~--~~	~~--~~	~~--~~	~~18~~	~~<0.50~~	~~32~~	~~2.7~~	~~40~~	~~31~~
~~SB-4~~	~~1/8/2004~~	~~13~~	~~--~~	~~<50~~	~~2.9~~	~~<1.0~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.010~~	~~<0.50~~	~~32~~	~~4.5~~	~~75~~	~~33~~
GTI 1992 INVESTIGATION**																			
B1-25	10/8/1992	25	--	--	--	<1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
B1-30	10/8/1992	30	--	--	--	<1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
B1-35	10/8/1992	35	--	--	--	<1	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
GTI 1988 INVESTIGATION***																			
~~SP1A~~	~~Dec. 1988~~	~~11~~	~~--~~	~~--~~	~~--~~	~~ND~~			~~ND~~		~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~SP2A~~	~~Dec. 1988~~	~~12~~	~~--~~	~~--~~	~~--~~	~~8~~			~~ND~~		~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
SP3A	Dec. 1988	12	--	--	--	12			ND		--	--	--	--	--	--	--	--	--
SP4A	Dec. 1988	10	--	ND	ND	ND			ND		--	--	--	--	--	--	--	--	--
SP5	Dec. 1988									Not Sampled									
~~SP6A~~	~~Dec. 1988~~	~~5~~	~~--~~	~~--~~	~~--~~	~~9~~			~~ND~~		~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
~~SP6B~~	~~Dec. 1988~~	~~10~~	~~—~~	~~—~~	~~—~~	~~33~~			~~ND~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP7B~~	~~Dec. 1988~~	~~5~~	~~—~~	~~—~~	~~—~~	~~29~~			~~1~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
SP8A	Dec. 1988	12	--	--	--	<1			ND		--	--	--	--	--	--	--	--	--
SP9A	Dec. 1988	10	--	ND	ND	<1			ND		--	--	--	--	--	--	--	--	--
~~SP10A~~	~~Dec. 1988~~	~~5~~	~~—~~	~~—~~	~~—~~	~~<1~~			~~ND~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP10B~~	~~Dec. 1988~~	~~10~~	~~—~~	~~—~~	~~—~~	~~19~~			~~ND~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP11A~~	~~Dec. 1988~~	~~5~~	~~—~~	~~—~~	~~—~~	~~9~~			~~ND~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP11B~~	~~Dec. 1988~~	~~10~~	~~—~~	~~—~~	~~—~~	~~<1~~			~~ND~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP12A~~	~~Dec. 1988~~	~~5~~	~~—~~	~~—~~	~~—~~	~~270~~			~~18~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP12B~~	~~Dec. 1988~~	~~10~~	~~—~~	~~—~~	~~—~~	~~120~~			~~15~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP13A~~	~~Dec. 1988~~	~~5~~	~~—~~	~~—~~	~~—~~	~~16~~			~~ND~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP13B~~	~~Dec. 1988~~	~~10~~	~~—~~	~~—~~	~~—~~	~~240~~			~~22~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP14A~~	~~Dec. 1988~~	~~5~~	~~—~~	~~—~~	~~—~~	~~3~~			~~ND~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~SP14B~~	~~Dec. 1988~~	~~10~~	~~—~~	~~—~~	~~—~~	~~33~~			~~1~~		~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
SP15A	Dec. 1988	12	--	--	--	2			ND		—	—	—	—	—	—	—	—	—
SP16	Dec. 1988									Not Sampled									
SP17	Dec. 1988									Not Sampled									
SP18A	Dec. 1988	12	--	--	--	ND			ND		--	--	--	--	--	--	--	--	--
SP18B	Dec. 1988	12	--	--	--	ND			ND		--	--	--	--	--	--	--	--	--

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000
BLAINE TECH SERVICES 1988 (TANK/LINE REMOVAL SAMPLING)											--	--	--	--	--	--	--	--	--
AF	4/22/1988	14.5	--	--	--	**890**	**3.3**	**9.5**	**8.9**	**110**	--	--	--	--	--	--	--	--	--
AoP	4/22/1988	14.5	--	--	--	**88**	<0.2	0.3	1.2	**12**	--	--	--	--	--	--	--	--	--
~~BoP~~	~~4/22/1988~~	~~14.5~~	~~--~~	~~--~~	~~--~~	~~260~~	~~1.6~~	~~12~~	~~4.4~~	~~16~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
CF	4/22/1988	14.5	--	--	--	34	0.4	<0.2	<0.2	0.2	--	--	--	--	--	--	--	--	--
~~CoP~~	~~4/22/1988~~	~~14.5~~	~~--~~	~~--~~	~~--~~	~~480~~	~~0.8~~	~~1.4~~	~~8.3~~	~~19~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~DF~~	~~4/22/1988~~	~~12.5~~	~~--~~	~~--~~	~~--~~	~~<5~~	~~<0.2~~	~~<0.2~~	~~<0.2~~	~~<0.2~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~DoP~~	~~4/22/1988~~	~~12.5~~	~~--~~	~~--~~	~~--~~	~~<5~~	~~<0.2~~	~~<0.2~~	~~<0.2~~	~~<0.2~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
Product Line																			
~~#1~~	~~4/22/1988~~	~~4~~	~~--~~	~~--~~	~~--~~	~~50~~	~~0.7~~	~~0.5~~	~~0.6~~	~~3.1~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
~~#2~~	~~4/22/1988~~	~~4~~	~~--~~	~~--~~	~~--~~	~~60~~	~~1.0~~	~~0.8~~	~~9.8~~	~~8.1~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~
Used Oil UST																			
WOM	4/22/1988	10	**14,000**	--	**4,300**	--	<5	**26**	**10**	**68**	--	--	--	--	--	--	--	--	--
MONITORING WELLS 1988																			
EA1	4/11/1988	15.5	--	--	--	<10	<0.5	<0.5	--	<0.5	--	--	--	--	--	--	--	--	--
	4/11/1988	20.5	--	--	--	<10	<0.5	<0.5	--	<0.5	--	--	--	--	--	--	--	--	--
EA2	4/11/1988	15.5	--	--	--	<10	<0.5	<0.5	--	<0.5	--	--	--	--	--	--	--	--	--
	4/11/1988	20.5	--	--	--	<10	<0.5	<0.5	--	<0.5	--	--	--	--	--	--	--	--	--

TABLE 2

CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TOG	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	Naphthalene	Cadmium	Chromium	Lead	Nickel	Zinc
			Reported in milligrams per kilogram (mg/kg)																
Low Threat Policy Criteria - Direct Contact and Outdoor Air Exposure																			
0 to 5 fbg, Residential			--	--	--	--	1.9	--	21	--	--	--	--	9.7	--	--	--	--	--
5 to 10 fbg, Residential, Outdoor Air			--	--	--	--	2.8	--	32	--	--	--	--	9.7	--	--	--	--	--
0 to 5 fbg, C/I			--	--	--	--	8.2	--	89	--	--	--	--	45	--	--	--	--	--
5 to 10 fbg, C/I, Outdoor Air			--	--	--	--	12	--	134	--	--	--	--	45	--	--	--	--	--
0 to 10 fbg, Utility Worker			--	--	--	--	14	--	314	--	--	--	--	219	--	--	--	--	--
ESLs																			
Table G Soil Leaching Screening Level: Drinking			--	83	83	83	0.44	2.9	3	2.3	0.023	0.0045	0.0033	1.2	--	--	--	--	--
Table G Soil Leaching Screening Level: Non-Drinking			--	530	530	420	1.2	9.3	4.7	11	8.4	0.91	0.51	4.8	--	--	--	--	--
Table K-1 Direct Exposure: Residential			120000	120000	3900	2200	0.54	720	2.9	350	35	0.36	0.1	1.7	78	21	80	1,500	23,000
Table K-2 Direct Exposure: Commercial/Industrial			1,200,000	1,200,000	12,000	15,000	3	1,100	15.0	510	200	1.8	1.1	8.4	1,000	110	320	17,000	310,000
Table K-3 Direct Exposure: Construction/Trench Worker			330,000	330,000	12,000	6,200	3.1	3,000	28	1,500	170	18	0.86	280	110	2.9	No Value	6,100	93,000

Abbreviations/Notes:

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

Total petroleum hydrocarbons as diesel (TPHd) analyzed using modified EPA Method 8015M.

Benzene, toluene, ethylbenzene, xylenes (BTEX) and Volatile Organic Compounds (VOCs) analyzed using EPA Method 8260B.

MTBE = Methyl tert butyl ether by EPA Method 8260B

mg/kg = milligrams per kilogram.

<x = Results not detected above stated laboratory method detection limits.

– = Not Analyzed

bold = Concentrations above respective ESLs.

~~Strike through~~ = Soil over-excavated during the Chevron and Kaiser Permanente excavation activities in 2006

**=Results are given in ppm

***=Results are given in ppm, No separate results given for BTEX constituents (Related report not found)

H = Heavier hydrocarbons contributed to the quantitation

L = Lighter hydrocarbons contributed to the quantitation

Y = Sample exhibits chromatographic pattern which does not resemble standard.

Z = Sample Exhibits unknown single peak or peaks

ESLs = Regional Water Quality Control Boards Environmental Screening Levels for Deep Soils >3 meters, for commercial land use where groundwater is not considered a current or potential source of drinking water.

TABLE 3

MONITORING WELL CONSTRUCTION DETAILS
FORMER CHEVRON STATION 91026
3701 BROADWAY, OAKLAND, CALIFORNIA

Well ID	*Date Installed*	*Date Destroyed*	*Well Modifications*	*Well Casing Diameter (inches)*	*Screen Interval (fbg)*	*TOC (ft-msl)*	*Current Condition/ Condition Prior to Destruction*	*Notes*	*Top of Screen*	*Length of Screen*
Onsite Wells										
A	04/23/82	06/26/06	--	2	5 - 20	75.29	Good	Screened interval based on cross-section from EA, rep	5	15
B	04/23/82	06/26/06	Reconstructed 6/25/1991: Installed casing within existing steel conductor casing. Previously screened 5 - 20 fbg	4	15 - 35	73.39	Submerged	The first page of the reconstructed well boring log is missing.	15	20
C	04/23/82	NA	--	2	5 - 20	NA	NA	No boring log available	5	15
D	NA	NA	--	NA	NA	NA	NA	reviewed		
B-1	03/25/82	06/26/06	Originally screened 5 - 20 fbg, deepened in 1992	4	15 - 35	72.3	Good	Well modifications reported in Jan 19, 1993 GTI report. Soils sampled and logged during well deepening.	15	20
B-2	03/25/82	06/26/06	--	2	5 - 20	74.5	Good	Screened interval based on EA cross section.	5	15
B-3	03/25/82	06/26/06	--	2	5 - 20	74.13	Good	Screened interval based on EA cross section.	5	15
B-4	03/25/82	06/26/06	--	2	5 - 20	76.43	Good	--	5	15
B-5	1979	NA	--	8	NA - 20	NA	NA	No boring logs available. 1993 GTI reports B-5 was grouted in place, no date provided. Constructed of corrugated steel casing to 20 fbg, according to		20
B-6	1979	06/25/91	--	8	NA - 20	72.66	NA	No boring logs available. 1993 GTI reports B-5 was grouted in place, no date provided. Constructed of corrugated steel casing to 20 fbg, according to Chevron records.		20
B-7	1979	06/25/91	--	8	NA - 20	75.4	NA	No boring logs available. 1993 GTI reports B-5 was grouted in place, no date provided. Constructed of corrugated steel casing to 20 fbg, according to Chevron records.		20
E	04/23/82	--	Deepened in 1992, originally screened from 5 - 20 fbg	2	20 - 35	70.07	Submerged	No soil logged during well deepening according to the report.	20	15
F	04/23/82	--	Deepened in 1992, originally screened from 5 - 20 fbg	2	15 - 30	71.72	Submerged	No soil logged during well deepening according to the report.	15	15
EA-1	04/11/88	--	--	4	10 - 35	71.85	Good	--	10	25
EA-2	04/12/88	--	--	4	10 - 30	76.24	Good	--	10	25

Notes:
TOC = Top of casing
Fbg = Feet below grade
Ft-msl = Feet above mean sea level
-- = Not applicable
NA = Not available

APPENDIX A

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATION & REMEDIATION

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATION AND REMEDIATION

Former Chevron Station 91026

3701 Broadway, Oakland, California

INVESTIGATION HISTORY

1977 Fuel Release

According to Chevron records, a fuel filter rusted at the eastern pump island resulting in a subsurface release of gasoline.

1982 Well Installation

In March 1982, K.H. Kleinfelder & Associates (Kleinfelder) installed onsite monitoring wells B-1 through B-4 to a total depth of 20 feet below grade (fbg). Groundwater was encountered at depths ranging from 17 to 19 fbg, but rose to within 10 to 12 fbg in the monitoring wells. The report concludes that confined aquifer conditions existed at the site. Additional information available in Kleinfelder's April 6, 1982 Groundwater Monitoring Well Installation Report.

1982 Site Evaluation

IT Enviroscience (IT) prepared Progress Report #1 on April 28, 1982 that detailed a site inspection and operator interview conducted to evaluate the major factors relating to groundwater impact at the site. During the evaluation they encountered existing wells which IT designated as monitoring wells B-5 through B-7. According to the station manager, George Bowers, the wells were installed in approximately 1979 (no reports have been located documenting well installation, which is not unusual for this era). According to the April 1982, Progress Report # 1, monitoring wells B-1 through B-4 were installed in March 1982 by Kleinfelder and wells A, B, C, E, and F were installed in April 1982 by IT. IT prepared a Progress Report #2 on May 18, 1982 that concluded gasoline impacted groundwater detected in onsite monitoring wells was associated with the Chevron service station. The report documents light non-aqueous phase liquids (LNAPL) encountered in the monitoring wells with a thickness of 0.08 to 5.7 feet. No LNAPL was observed in monitoring well B-4. This report concluded that offsite migration of hydrocarbons was unlikely due to low soil permeability. The report also concluded that utilities near the site were too shallow to act as potential preferential pathways. Additional information is available in ITs' April 28, 1982 Progress Report #1 and May 18, 1982 Progress Report #2.

1984 Gasoline Fingerprinting

The United States Environmental Protection Agency notified several gasoline retailers that fuel was entering Lake Merritt through the Glen Echo Creek storm drain. Chevron conducted gas

chromatography fingerprinting of samples from the storm drain, from the wells and dispensers on the Chevron site, and from Rainbow Carwash located directly north (upgradient) of the site. The results indicated that the fuel in the storm drain was of different composition from the hydrocarbons detected beneath the Chevron site, but was consistent with hydrocarbons detected at the Rainbow Carwash site. This information was referenced in the July 1, 1991 Well Deepening Work Plan by Burlington Environmental, Inc. No report is available.

1988 Tank Removal

Blaine Tech Services, Inc. (Blaine) removed the second generation underground storage tanks (USTs) from the site in April 1988. No holes were observed in the fuel or used-oil USTs, but 1/8-inch of LNAPL was observed on groundwater in the gasoline/used-oil UST pit. Approximately 2,800 gallons of LNAPL and groundwater were removed from the excavation prior to collection of compliance soil samples. The excavation was extended to the north and east to remove visibly contaminated soil. A product recovery UST in the northeastern part of the site was damaged during removal causing a release of hydrocarbons within the excavation. Approximately ¼-inch of LNAPL was measured on the groundwater surface. Approximately 700 gallons of LNAPL and groundwater were removed from the excavation prior to collection of compliance samples. No hydrocarbons were detected in soil samples collected from the sidewalls of this excavation. No information is available regarding the amount of soil removed by overexcavation from the UST pits. Additional information is available in Blaine's June 13, 1988 Cumulative Report.

1988 Well Installation

In April 1988, E.A. Engineering installed offsite monitoring wells EA-1 and EA-2. This information is mentioned in Groundwater Technology, Inc. (GTI)'s January 19, 1993 Environmental Assessment Report.

1991 Well Destructions

Weiss Associates (Weiss) submitted a well destruction report on June 25, 1991 for monitoring wells B-6 and B-7 (named wells 6 and 7 above). The wells were reportedly pressure grouted. Monitoring well B was reconstructed during this time by installing a 4-inch PVC casing within the existing 12-inch corrugated steel pipe and was screened between 15 and 35 fbg. The previous well B was constructed to 20 fbg. Additional information available in a letter from Weiss dated June 25, 1991.

1992 Groundwater Assessment

GTI destroyed monitoring wells E, F, and B-1 and re-installed the wells at deeper depths between 30 and 35.5 fbg. The groundwater assessment concluded that groundwater samples from onsite well B-4 had the highest TPHg concentrations. According to the report, the

dissolved hydrocarbons appeared defined downgradient by wells F and EA-1. Additional information available in GTI's January 19, 1993 Environmental Assessment Report.

2004 Phase II Investigation

Secor International Inc. (Secor) prepared a Phase II Environmental Site Assessment Report (Phase II ESA) for Kaiser Foundation Health Plan (Kaiser). Secor advanced borings SB-1, SB-2, and SB-3 on the former Chevron site to a maximum depth of 24 fbg and determined that hydrocarbons in soil were primarily located from approximately 10 to 20 fbg in the vicinity of the former USTs and from approximately 2 to 20 fbg in the vicinity of the former fuel dispensers. Secor collected a soil vapor sample at approximately 20 fbg from boring SB2 located adjacent to the former gasoline USTs. No benzene, toluene, ethylbenzene, xylenes, or naphthalene were detected. TPHg was detected at 98,000 micrograms per cubic meter (μg/m3). Additional information available in SECOR's February 10, 2004 Phase II Environmental Site Assessment Report.

2006 Site Investigation and Excavation

Kaiser Permanente (Kaiser) proposed redeveloping the site into a medical office building. To support this redevelopment, Cambria Environmental Technology, Inc. (Cambria) performed a subsurface investigation to profile the site for remedial excavation. Onsite wells A, B, B-1 through B-4 were destroyed by pressuring grouting prior to the excavation. Cambria advanced 22 borings to a maximum depth of 23 fbg with a direct-push rig. Because the excavations were to be shored to protect adjacent roadways and other structures, an additional 17 borings were advanced outside the proposed excavation boundaries with regulatory approval as an alternative to sidewall sampling during excavation. In addition, Secor advanced 25 borings across the entire property to a maximum depth of 24 fbg to provide additional characterization of Site soils. Additional information is available in Cambria's January 24, 2007 Site Investigation and Remedial Excavation Report and Secor's March 6, 2006 Soil Characterization Report.

REMEDIATION HISTORY

1983 – 1995 Groundwater Extraction

IT Enviroscience and Gettler-Ryan Inc. extracted LNAPL from Site wells from 1983 through 1987. Over 200 gallons of LNAPL/water mixture were removed from the wells during this period. LNAPL removal resumed between June 1993 and March 1995, and an additional 32 gallons of LNAPL was removed from wells B, B-2 and B-3.

1988 Tank Removal

All station and fueling facilities, including the USTs, were removed by Blaine Tech Services, Inc. Approximately 3,500 gallons of LNAPL and groundwater were removed from the excavation. No

information is available regarding the amount of soil removed by overexcavation from the UST pits.

1992 SVE Pilot Test

Weiss performed a soil vapor extraction (SVE) pilot test at the site. The data suggested that SVE would not be effective at this site based on a relatively high vacuum required to induce low flow rates. Additional information available in Weiss's April 7, 1992 Soil Vapor Extraction Test Report.

2001 LNAPL Removal

Product skimmers were installed in wells B and B-2, and were maintained monthly by Gettler-Ryan until 2004. No report was issued to document removal of the skimmers or the amount of groundwater and hydrocarbons removed.

2006 and 2007 Remedial Excavation

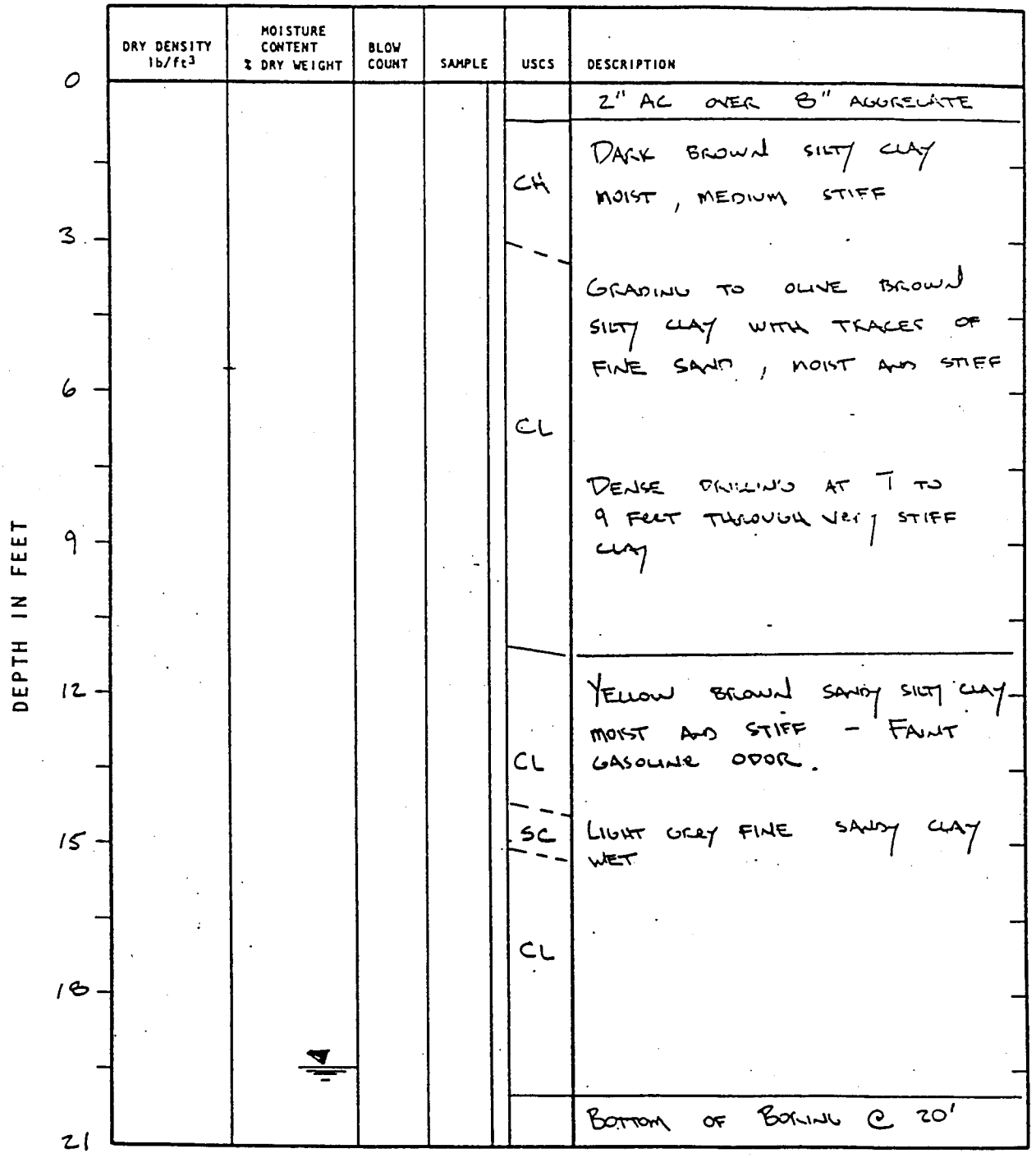
Excavations by Chevron and Kaiser occurred at the site from 2006 to 2007. The Chevron excavation encompassed a 25-foot wide, 147-foot long and 20-foot deep strip along the southern property boundary. Approximately 2,800 cubic yards of hydrocarbon impacted soil were removed from the excavation. The excavation was limited by proximity to the street and other adjacent structures. Confirmation soil samples were collected from ten locations along the bottom of the excavation from 18 to 20 fbg. As indicted above, the excavation was shored and no sidewall samples could be collected. However, soil borings were drilled proximal to the shoring to collect data on residual hydrocarbon concentrations outside the excavation. Additional information is available in Cambria's January 24, 2007 Site Investigation and Remedial Excavation Report.

The Kaiser excavation encompassed an 80-foot wide, 125-foot long, and 15-foot deep excavation from the center to the northern property boundary. Approximately 5,000 cubic yards of hydrocarbon bearing soil were removed from the excavation. Confirmation soil samples were collected from 40 locations along the bottom of the excavation at 15 foot by 15 foot centers to document hydrocarbon concentrations left-in-place. Additional information is available in Secor's June 11, 2008 Soil Management Implementation Report.

APPENDIX B

BORING LOGS

Appendix B - rough copy



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

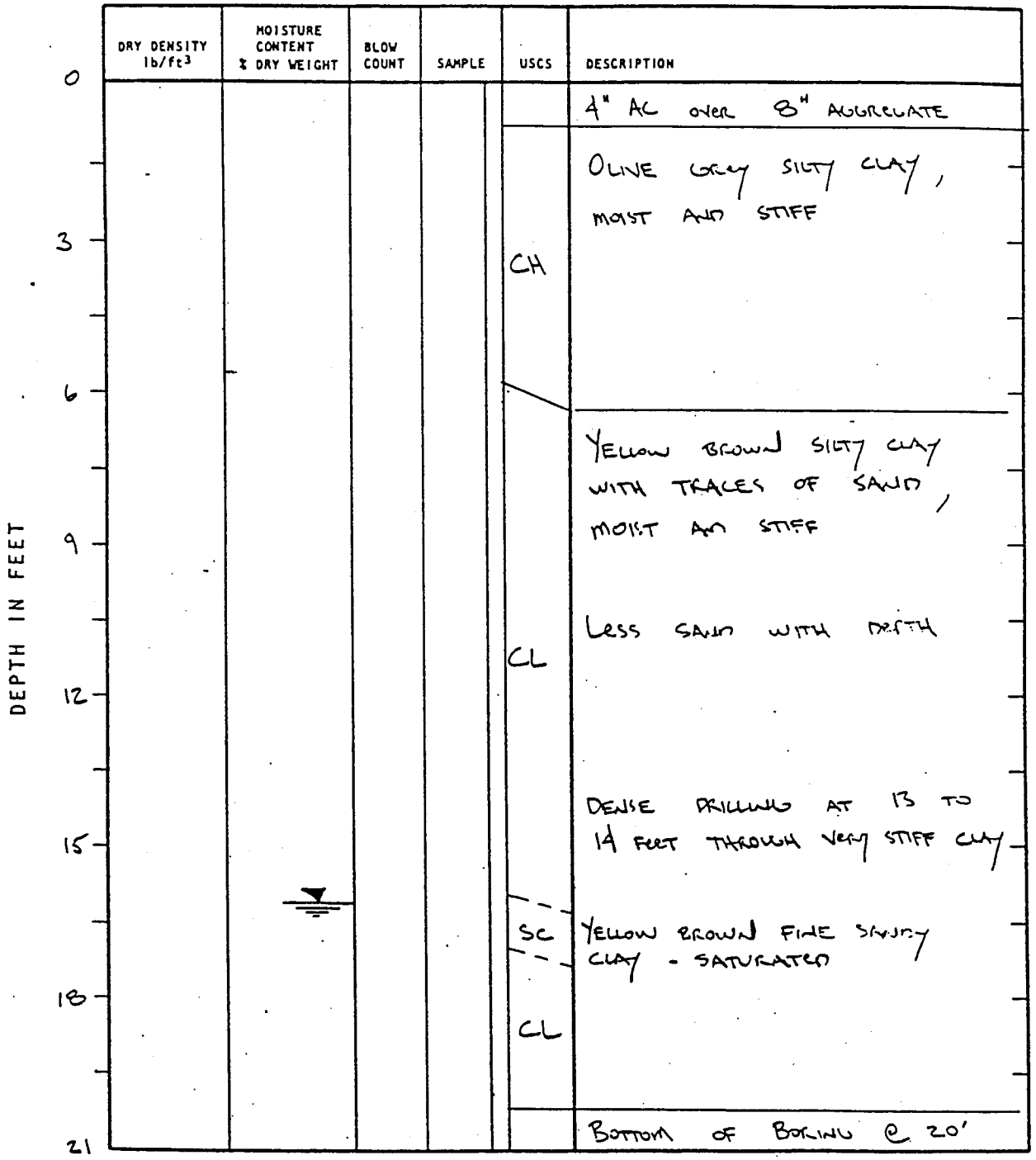
PREPARED BY: DATE:

CHECKED BY: DATE:

LOG OF BORING NO. B-A

PROJECT NO. R-1192-2

PLATE 2



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

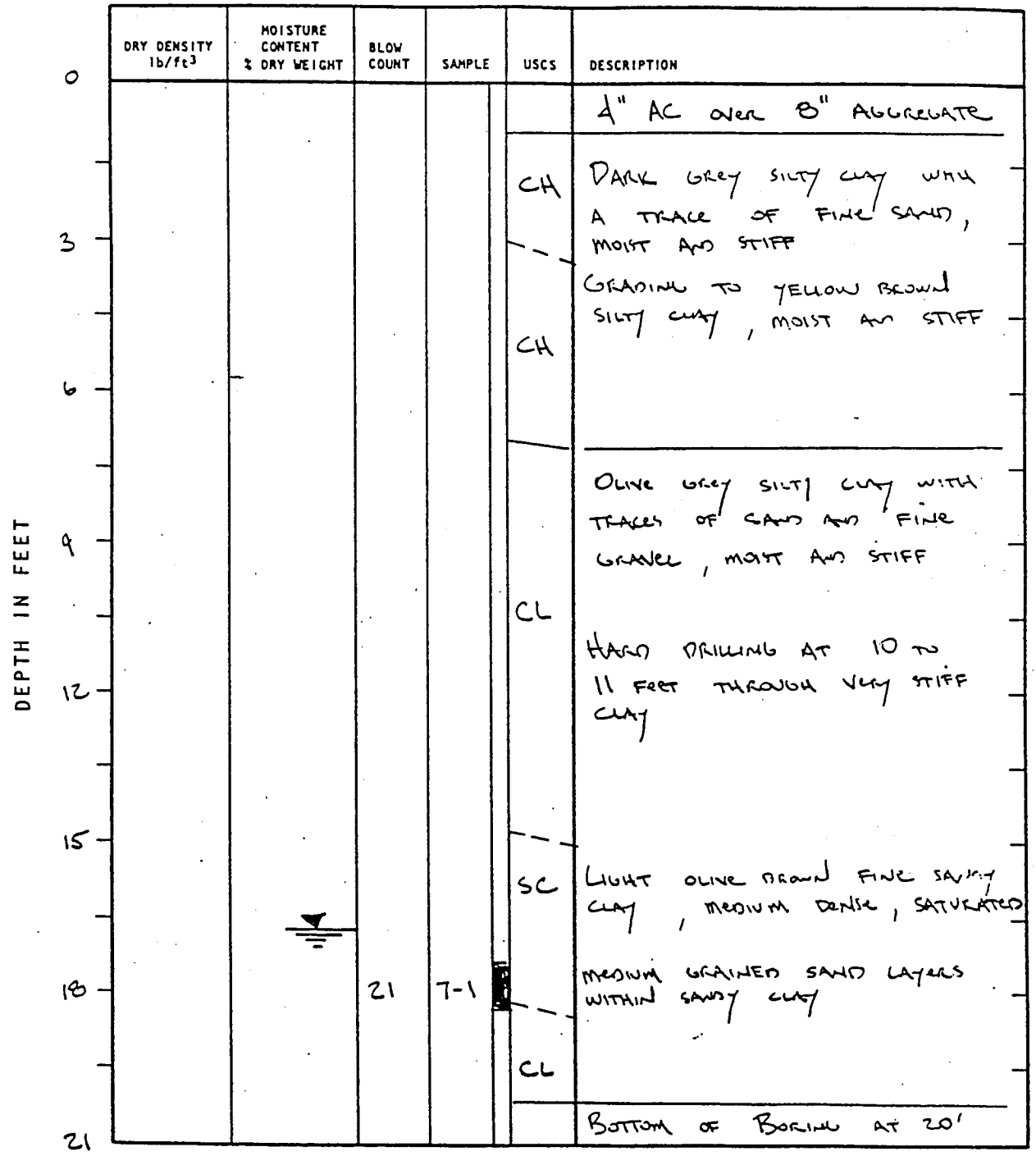
PREPARED BY: DATE:

CHECKED BY: DATE:

LOG OF BORING NO. ~~X~~ B

PROJECT NO. B-1192-2

PLATE 3



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

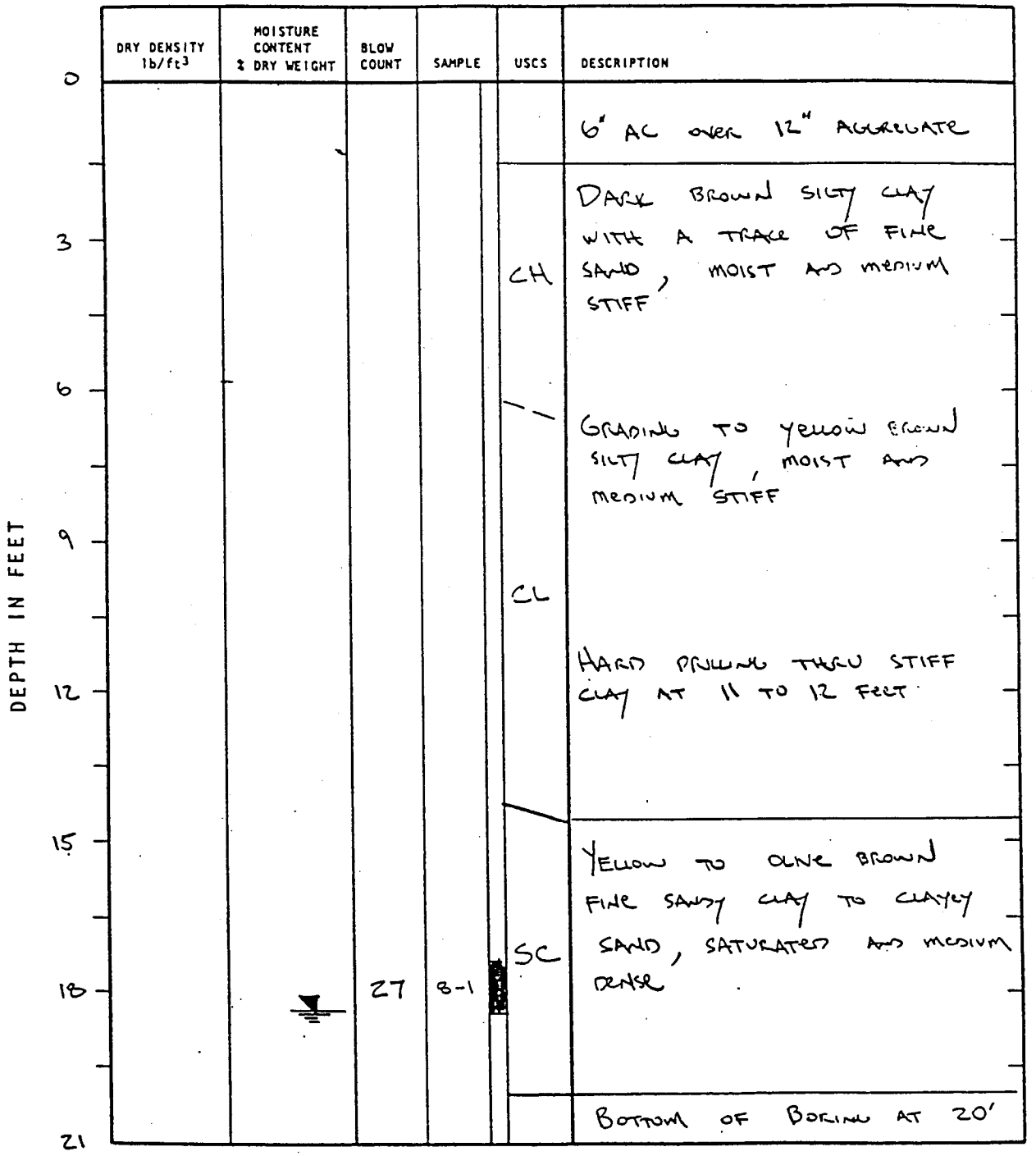
PREPARED BY: DATE:

CHECKED BY: DATE:

LOG OF BORING NO. 7C

PROJECT NO. B-1192-2

PLATE 4



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

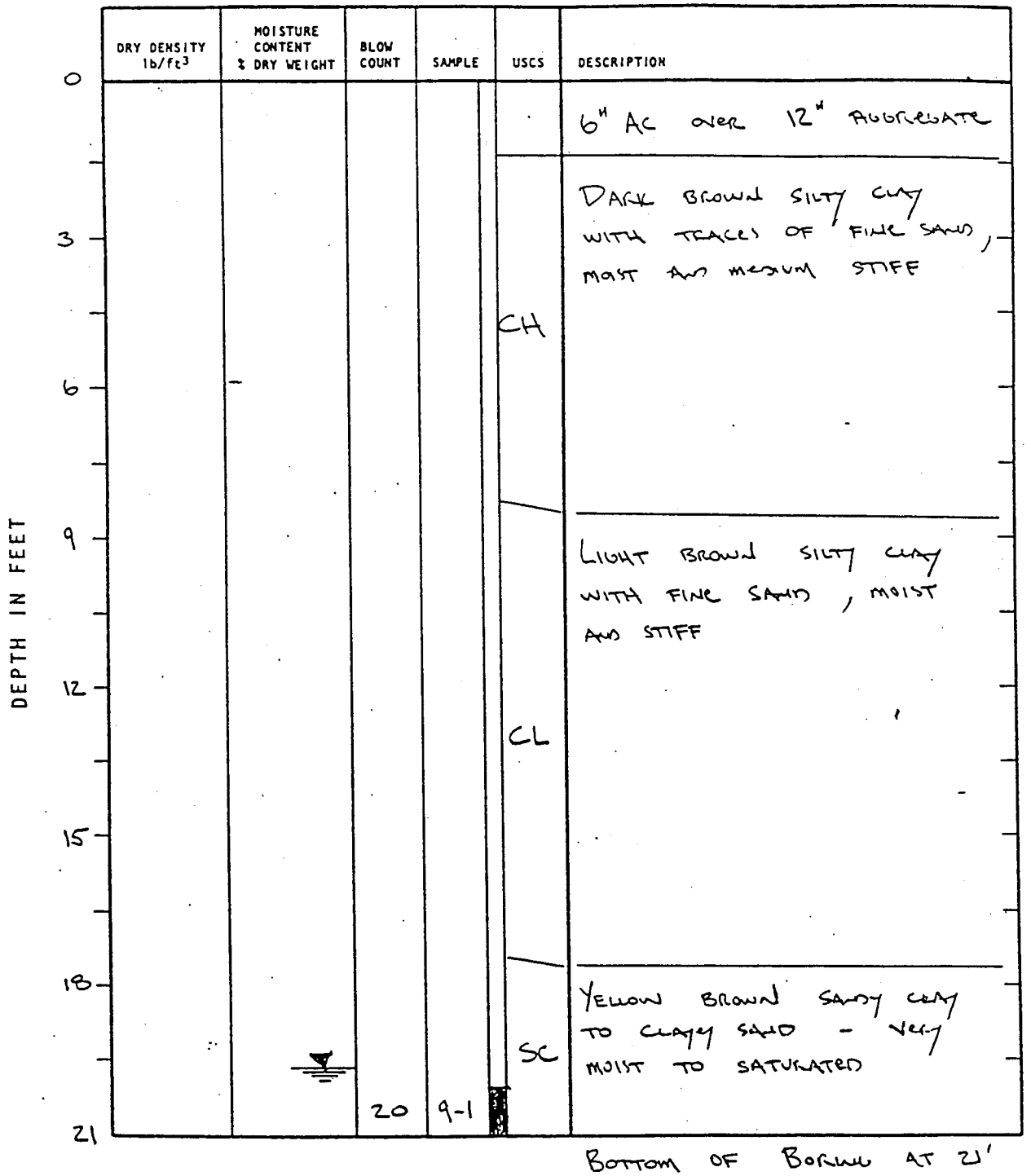
PREPARED BY: DATE:

CHECKED BY: DATE:

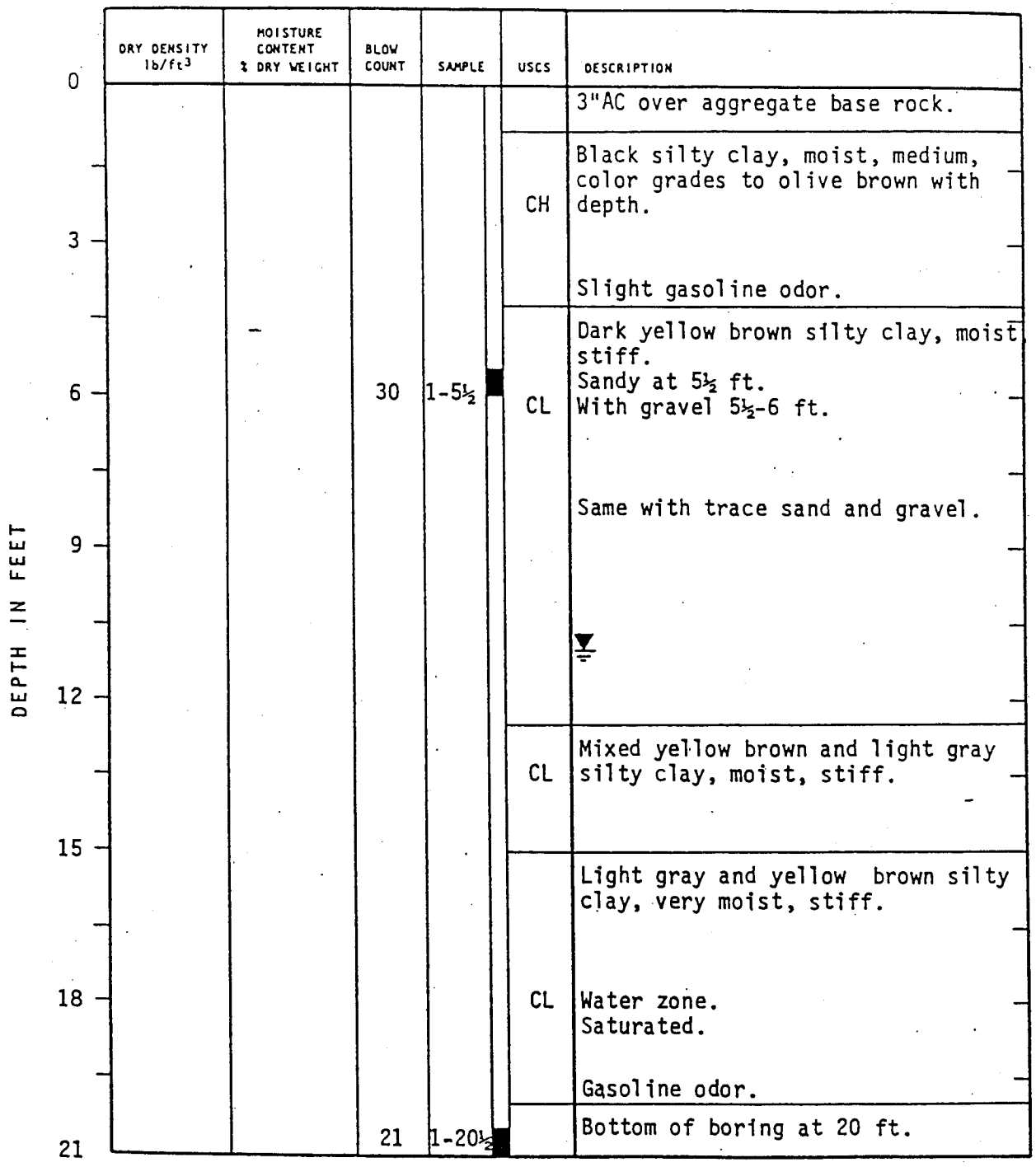
LOG OF BORING NO. B-E

PROJECT NO. B-1192-2

PLATE 5



J.H. KLEINFELDER & ASSOCIATES GEOTECHNICAL CONSULTANTS • MATERIALS TESTING	LOG OF BORING NO. X F	PLATE
PREPARED BY: DATE:		
CHECKED BY: DATE:	PROJECT NO. B-1192-2	



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

IT/CANDIA'S CHEVRON
OAKLAND, CALIFORNIA
LOG OF BORING NO. B-1

PLATE
2

Drilling Log

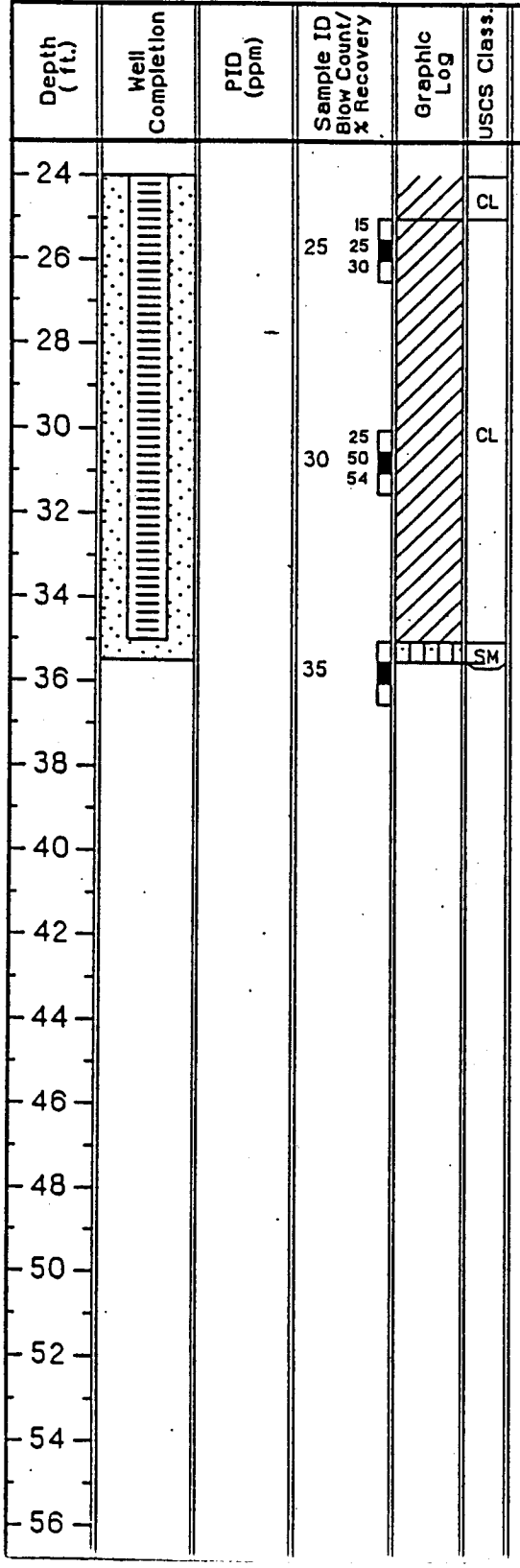
GROUNDWATER TECHNOLOGY

Monitoring Well B-1

Page 1 missing

Project CHV/3701 Broadway Owner Chevron U.S.A. Products Co.

Location Oakland, California Project No. 02320 2782 Date drilled 10/28/92



Description

(Color, Texture, Structure)

Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%

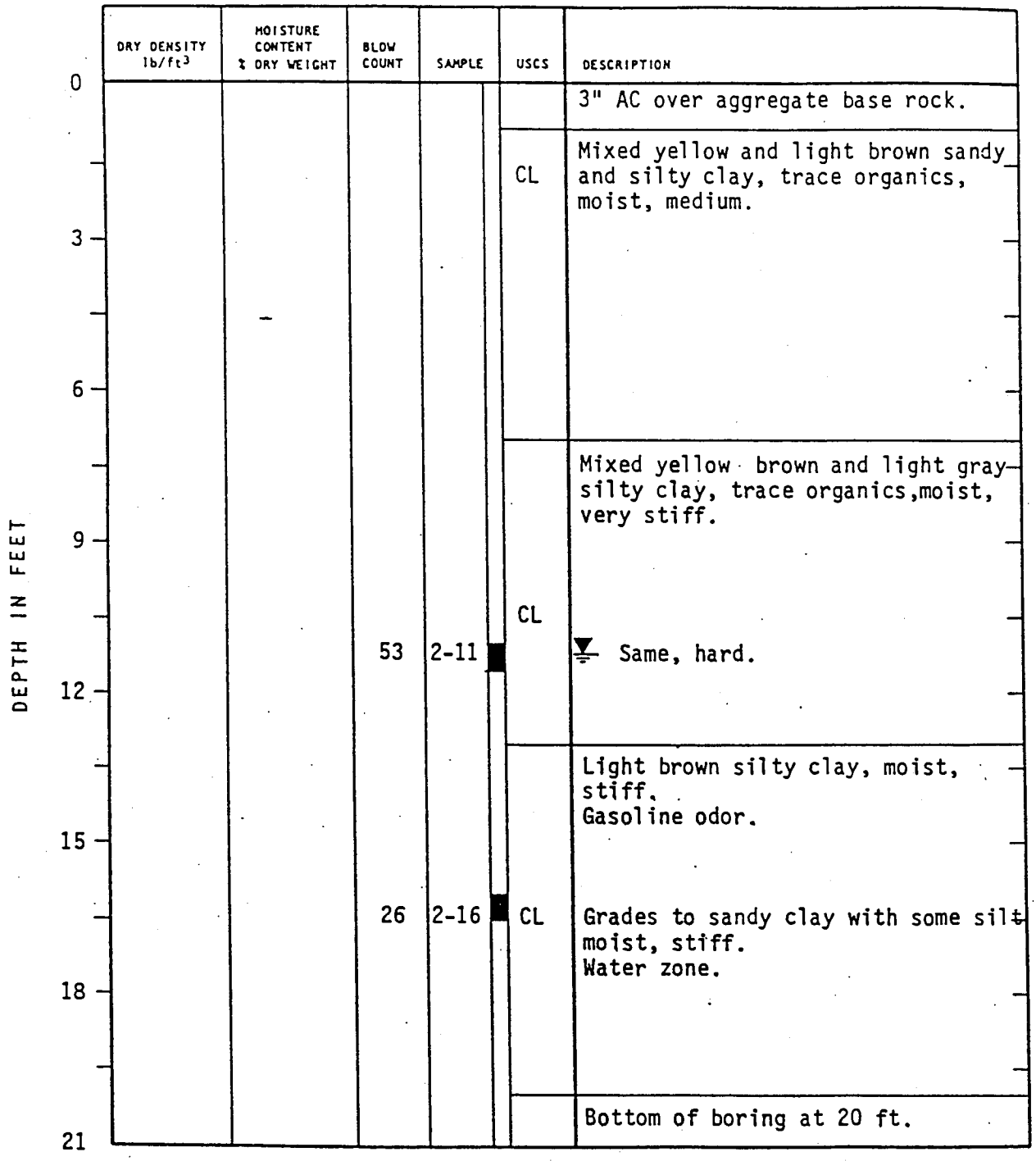
(thin gravel interbed at 24.5 to 25 feet)

Light brown CLAY (saturated, firm, trace black organic clasts)

Work area readings with PID to 12 ppm, respirators removed.
Light brown silty, sandy CLAY (saturated, firm)

Brown silty fine sand (saturated)

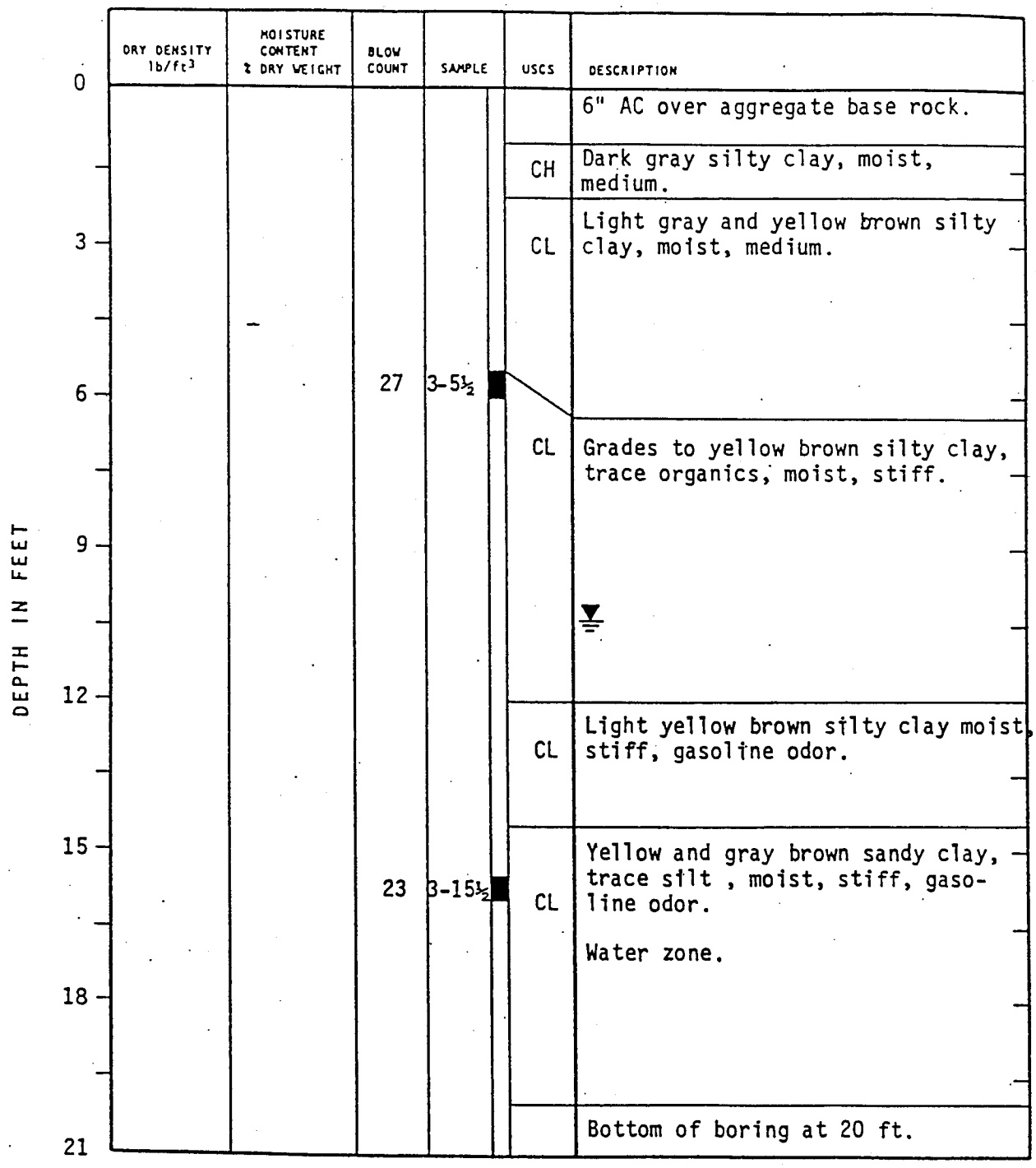
End of boring. Constructed monitoring well.



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

IT/CANDIA'S CHEVRON
OAKLAND, CALIFORNIA
LOG OF BORING NO. B-2

PLATE
3

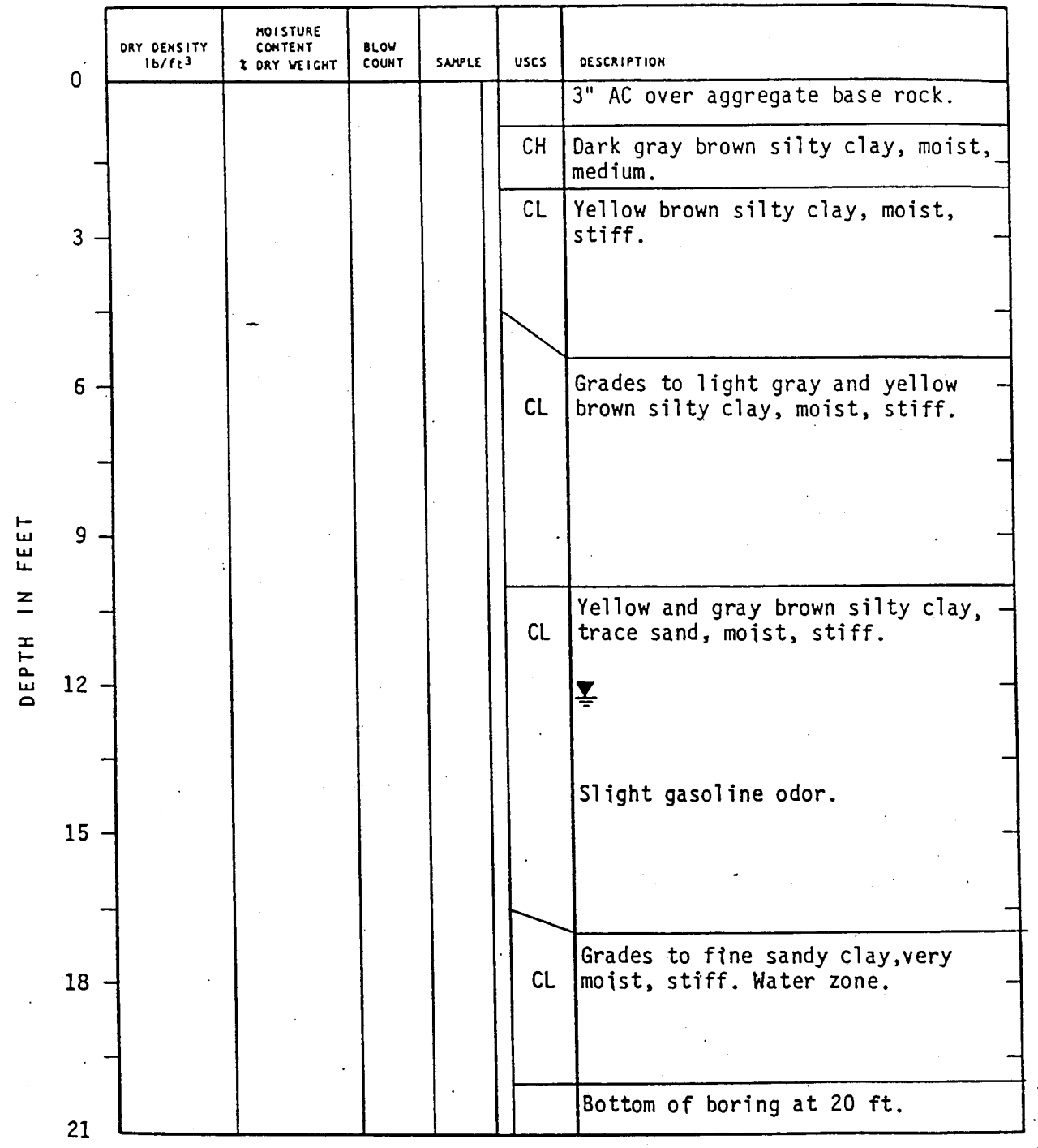


J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

IT/CANDIA'S CHEVRON
OAKLAND, CALIFORNIA

LOG OF BORING NO. B-3

PLATE 4



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

IT/CANDIA'S CHEVRON
OAKLAND, CALIFORNIA

LOG OF BORING NO. B-4

PLATE 5

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

LOG OF SOIL BORING EA 1

Coordinates: 122 15' 25" West
37 49' 30" North

Elevation top of casing: 37.36 ft. msl

Casing below surface: 0.59 ft.

JOB #	CLIENT	LOCATION
CHV-82U	Chevron USA	Oakland, California

DRILLING AND SAMPLING METHODS by HEW DRILLING
10" Hollow Stem Auger; Ca. St. Lic. C57384167
2" Split Spoon Sampler

				DRILLING START	DRILLING FINISH
WATER LEVEL	15.34				
TIME	8:35			TIME 9:30	TIME 15:00
DATE	4/12/88			DATE 4/11/88	DATE 4/11/88
REFERENCE	T of C				

SURFACE CONDITIONS: Unpaved, Dirt

DESCRIPTION by P. Kahn

Inches Driven / Inches Recover	Blows/6in sampler	OVA Reading	WELL DETAIL	DEPTH in feet	GRAPHIC LOG
				0	
				1	
				2	
				3	
	6			4	CL
18 / 18	12 / 20	5.5		5	
				6	
				7	MH
				8	
	11			9	
18 / 18	11 / 20	10.5		10	
				11	MH
				12	
				13	
	7			14	
18 / 18	6 / 9	15.5		15	
				16	
				17	ML
	5			18	
	9 / 13			19	
				20	

Fill; rocks, sand, concrete, black clayey soil, organic smell, moist - no fuel odor.

Silty Clay (CL), brown, no odor, moist.
PID = 0 ppm

Clayey Silt (MH), brown with black mottling.

Clayey Silt (MH), light brown, moist with water in fissures, no odor.
PID = 0 ppm

Silt (ML), gray with brown stains, moist, no odor.
PID = 0 ppm

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

LOG OF SOIL BORING EA 1

Coordinates:

Elevation top of casing:

Casing below surface:

JOB #	CLIENT	LOCATION
CHY-82U	Chevron USA	Oakland, Calif.

DRILLING AND SAMPLING METHODS

				DRILLING START	DRILLING FINISH
WATER LEVEL					
TIME				TIME	TIME
DATE				DATE	DATE
REFERENCE					

SURFACE CONDITIONS

DESCRIPTION by P. Kahn

Inches Driven / Inches Recover	Blows/6in sampler	OVA Reading	WELL DETAIL	DEPTH in feet	GRAPHIC LOG	DESCRIPTION
18 / 18	9 / 13	20.5		20–37	MH	Clayey Silt (MH), brown, moist, with black and brown mottling, no odor. PID = 0 ppm
					GM	Gravel (GM), with clay lenses, saturated, no odor.
					SC	Sand (SC), some clay, coarse to medium sand, no odor.

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

LOG OF SOIL BORING EA 2

Coordinates: 122 15' 25" West
37 49' 30" North

Elevation top of casing: 39.55 ft. msl

Casing below surface: 0.08 ft.

JOB #	CLIENT	LOCATION
CHV-82U	Chevron USA	Oakland, California

DRILLING AND SAMPLING METHODS by HEW DRILLING
10" Hollow Stem Auger; Ca. St. Lic. C57384167
2" Split Spoon Sampler

				DRILLING START	DRILLING FINISH
WATER LEVEL	15.34				
TIME	8:35			TIME 9:00	TIME 15:30
DATE	4/12/88				
REFERENCE	T of C			DATE 4/12/88	DATE 4/12/88

SURFACE CONDITIONS: Unpaved, Dirt

DESCRIPTION by P. Kahn

Inches Driven / Inches Recover	Blows/6in sampler	OVA Reading	WELL DETAIL	DEPTH in feet	GRAPHIC LOG	DESCRIPTION
				0	OL	Cement, black silty loam (soil), (OL).
				1		
				2		Gravel fill.
				3		
	6			4	ML	Sandy Clayey Silt (ML), brown, very coarse sand, lithic fragments, moist, no odor.
18	12	5.5		5		
18	20			6		
				7	CL	Silty Clay (CL), brown with minor fine sand, dry, no odor.
				8		
	5			9		
18	15	10.5		10		
15	20			11		
				12	ML	Sandy Silt (ML), brown, very minor clay, mottled with FeO (red), no odor. PID = 0 ppm
				13		
	7			14		
18	12	15.5		15		
17	14				SM	Silty Sand (SM), grayish brown, extremely fine sand, mottled with FeO (red), no odor. PID = 0 ppm
				17		
				18		
	5			19		
18	16					
15	22			20		

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

LOG OF SOIL BORING EA 2

Coordinates:

Elevation top of casing:

Casing below surface:

JOB #	CLIENT	LOCATION
CHV-82U	Chevron USA	Oakland, Calif.

DRILLING AND SAMPLING METHODS

				DRILLING START	DRILLING FINISH
WATER LEVEL					
TIME				TIME	TIME
DATE					
REFERENCE				DATE	DATE

Inches Driven / Inches Recover	Blows/6in sampler	OVA Reading	WELL DETAIL	DEPTH in feet	GRAPHIC LOG
	15	20.5		20	
	22			21	
				22	
				23	ML
				24	
				25	
				26	
				27	
				28	CL
				29	
				30	

SURFACE CONDITIONS

DESCRIPTION by P. Kahn

Sandy Silt (ML), brown with red and bluish gray mottling, moderately moist, strong odor. PID = 0 ppm

Increasing clay content with depth.

Decreasing sand.

Silty Clay (CL), brown, very minor sand, moist, no odor.

Drilling Log

GROUNDWATER TECHNOLOGY

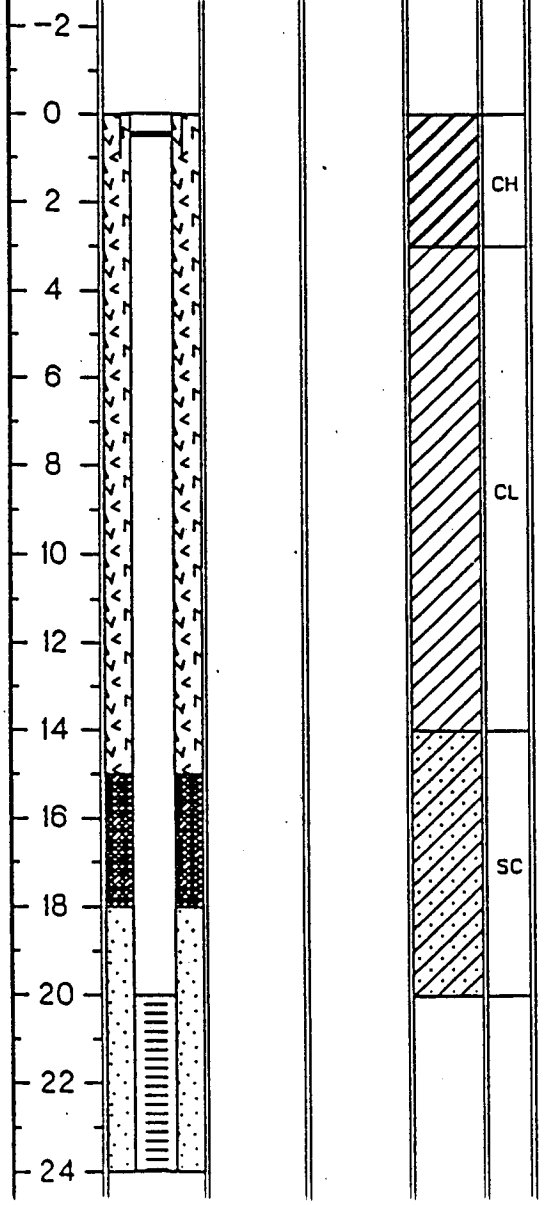
Monitoring Well MW-E

Project CHV/3701 Broadway Owner Chevron U.S.A. Products Co.
Location Oakland, California Project No. 02320 2782 Date drilled 10/14/92
Surface Elev. 70.53 ft. Total Hole Depth 35 ft. Diameter 8.5 inches
Top of Casing 70.07 ft. Water Level Initial NA Static 12.2 ft.
Screen: Dia 2 in. Length 15 ft. Type/Size 0.020 in.
Casing: Dia 2 in. Length 20 ft. Type SCH 40 PVC
Filter Pack Material Clementia #3 sand Rig/Core Type Mobile B-51
Drilling Company Kvilhaug Well Drilling Method Hollow Stem Auger Permit # 92285
Driller Mike Crocker Log By Craig Robertson
Checked By David Kleesattel License No. RG# 5136

See Site Map For Boring Location

COMMENTS:

Orginal well was 20-feet deep. Lithology is from orginal boring by Kleinfelder & Associates, Groundwater Monitoring Well Installation Report, Candie's Chevron Station, Oakland, California April 6, 1982.



Description

(Color, Texture, Structure)
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%

This well is a replacement for the original "E" well. The original well was abandoned by extracting the casing and reaming out the annulus. The boring was then extended to 35 feet and a monitoring well constructed as shown in the well completion diagram.

Dark brown silty CLAY (trace of fine sand, moist and medium stiff)

Grades yellow brown

Hard drilling through stiff clay at 11 to 12 feet

Yellow to olive brown fine sandy CLAY to clayey SAND (saturated and medium dense)

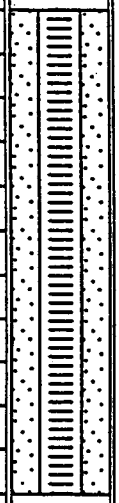
The extended portion of the soil boring was not logged.

GROUNDWATER TECHNOLOGY

Drilling Log

Monitoring Well MW-E

Project CHV/3701 Broadway Owner Chevron U.S.A. Products Co.
Location Oakland, California Project No. 02320 2782 Date drilled 10/14/92

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%
24						
26						
28						
30						
32						
34						End of boring. Constructed monitoring well.
36						
38						
40						
42						
44						
46						
48						
50						
52						
54						
56						

Drilling Log

GROUNDWATER TECHNOLOGY

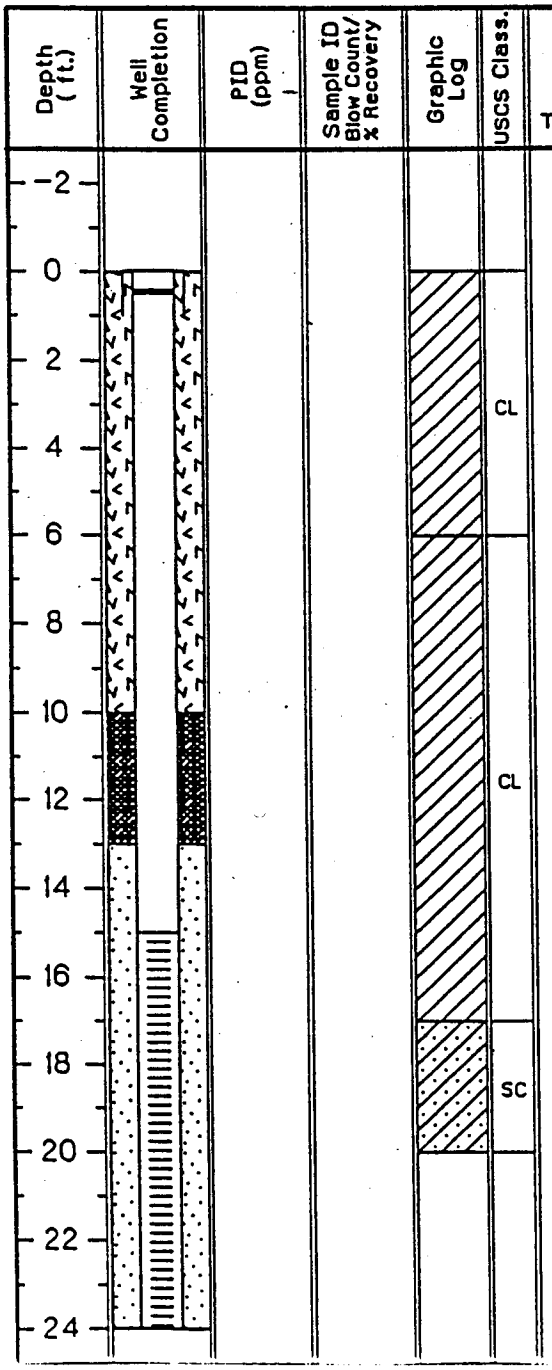
Monitoring Well MW-F

Project CHV/3701 Broadway Owner Chevron U.S.A. Products Co.
Location Oakland, California Project No. 02320 2782 Date drilled 10/14/92
Surface Elev. 72.45 ft. Total Hole Depth 30 ft. Diameter 8.5 inches
Top of Casing 71.72 ft. Water Level Initial NA Static 14.85 ft.
Screen: Dia 2 in. Length 15 ft. Type/Size 0.020 in.
Casing: Dia 2 in. Length 15 ft. Type SCH 40 PVC
Filter Pack Material Clementia #3 sand Rig/Core Type Mobile B-51
Drilling Company Kvilhaug Well Drilling Method Hollow Stem Auger Permit # 92285
Driller Mike Crocker Log By Craig Robertson
Checked By Dave Kleesattel License No. RG# 5136 David Kleesattel

See Site Map For Boring Location

COMMENTS:

Orginal well was 20 feet deep. Lithology is from orginal boring by Kleinfelder & Associates, Groundwater Monitoring Well Installation Report, Candie's Chevron Station, Oakland, California April 6, 1982.



Description

(Color, Texture, Structure)
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%

This well is a replacement for the original well identified as MW-F on the site map. The original well was abandoned by extracting the casing and reaming out the annulus. The boring was then extended to 30 feet and a monitoring well constructed as shown in the well completion diagram.

Dark brown silty CLAY (trace of fine sand, moist and stiff)

Light brown silty CLAY (fine sand, moist and stiff)

Yellow brown sandy CLAY to clayey SAND (very moist to saturated)

The extended portion of the soil boring was not logged.

GROUNDWATER TECHNOLOGY

Drilling Log

Monitoring Well MW-F

Project CHV/3701 Broadway Owner Chevron U.S.A. Products Co.
Location Oakland, California Project No. 02320 2782 Date drilled 10/14/92

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%
24						
26						
28						
30						End of soil boring. Constructed monitoring well.
32						
34						
36						
38						
40						
42						
44						
46						
48						
50						
52						
54						
56						

Project: Kaiser F.H.P. - 3701-3757 Broadway, Oakland, CA		Boring/Well Name: SB-1	
Boring Location: SW corner of 3701	Job No.: 0507.50133		
Subcontractor and Equipment: Vironex Geoprobe	Logged by: Robitaille		
Sampling Method: Cont. 1.5" core (PVC)	Monitoring Device: PID/OVM	Page 1 of 1	
Start Date/Time: 08 Jan 04 // 0840	Finish Date/Time: // 0945	Comments: Collected grab GW (3 voa's, 2 L ambers) SB1-W 0950	
First Water (bgs): 20'	Stabilized Water (bgs): —		
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		Asphalt - 2"	
					Black clayey silt with some gravel	
				ML	clayey silt; olive gray; mod soft; moist to dry; trace fn sand and fn gravel; with olive brn mottling (0,0,70,30)	
	1			CL	Silty clay, dk. yell. brown; mod hard; dry; trace fn sand; trace chert pebble gravel (red); trace caliche; (0,0,30,70)	
SB1-5' (0850)	0		5	CL	grades to sandy clay (0,30,30,40)	
				SP	Gravelly sand with silt; dk gray; mod dense; moist;	
	0			SM	poorly srtd v. fn - fn sand, fn - med grav; pred. fn sand	
				CL	Sandy clay; yell. brown w/ gray mottling; mod dense; dry; (0,20,10,70)	
SB1-10' (0900)			10			
SB1-12' (0905)	2			CL	Clay; lt gray to lt. yell brown; mod hard; dry; faint petroleum odor (0,0,20,80); silty	
					grades mod petroleum odor - degraded gasoline?	
SB1-15' (0915)	56		15			
	48				grades increasing silt; moist; (0,0,40,60)	
SB1-19.5' (0930)			20		▽ found water	
	90				grades to clayey silt; (0,0,80,20); wet; driller reports loose sand (yet none in core partial core)	
					grades lt. yell. brown, moist, mod petr. odor	
					Noted sheen on GW samples	
					End of boring 0945 hrs	

SECOR International Incorporated

Reviewed by:	Date:
Revised by:	Date:

Project: Kaiser F.H.P. - 3701-3757 Broadway; Oakland CA		Boring/Well Name: SB-2
Boring Location: 30'N. of McArthur, Westside of Site	Job No.: 050T.50133	
Subcontractor and Equipment: Vironex Geoprobe	Logged by: Rob Traille	Page 1 of 1
Sampling Method: Cont. 1.5" core	Monitoring Device: PID/OVM	
Start Date/Time: 08 Jan 04 / 1010	Finish Date/Time: 08 Jan 04/1100	Comments: collected vapor sample SB2-V at 6.5'.
First Water (bgs): 20'	Stabilized Water (bgs): —	
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		Asphalt 2"	
	2			ML	Clayey silt; black; soft; moist; trace sand & fn gravel (0,0,80,20)	
				ML	Clayey silt; dk. olive gray; soft; moist (0,0,80,20); trace small gravel of SS, trace caliche'	
SB2-5' (1015)			5		Sandy clay; dk. olive gray; dense; dry; trace small	
	1			CL	collected vapor sample (2-Tedlar bags)	
SB2-V (1020)	28				gravel; (0,0, 40, 10, 50)	
				SC	grades increasing sand & gravel; faint petroleum odor (15,60,10,15)	
	220					
SB2-10' (1045)	420		10	CL	Clay; lt. yell. brown and lt. gray mottled; mod hard; dry; faint petroleum odor; gray appears in rootlets	
	136				grades mod petroleum odor - degraded gasoline	
SB2-15' (1050)			15			
SB2-17' (1100)	390			ML	Grades to clayey silt; lt. gray & lt. brown; mod soft, moist to wet at 20'; strong petroleum odor	
SB2-19' (1100)	417					
			20		grades with sand (0,20,70,10)	
					End of boring 1100 hrs	
			25			

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Project: Kaiser F.H.P. - 3701-3757 Broadway, Oakland, CA		Boring/Well Name: SB-3	
Boring Location: SE portion of 3701 (30 wof Broad	Job No.: 050T.50133		
Subcontractor and Equipment: Vironex Geoprobe (GON of McAnt Inc)	Logged by: Robitaille		
Sampling Method: Cont. 1.5" core (PVC)	Monitoring Device: PID/OVM	Page 1 of 1	
Start Date/Time: 08 Jan 04 // 1215	Finish Date/Time: // 1255	Comments: Located on concrete pad.	
First Water (bgs): 20.5?	Stabilized Water (bgs): —		
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
					Concrete - 4"	
			0		3" of base coarse gravel	
	183			CL	Silty clay; brown; dense; moist to dry; (0,0,30,70)	
	717				grades dk. olive gray with faint petroleum odor	
				ML	Grades increasing silt, grayish brown; mod soft; dry; (0,0,60,40); trace fn sand	
SB3-5' (1220)	209		5	CL	Grades increasing clay, trace fn-cse sand; abund caliche (0,15,25,60)	
	466				Grades with fine gravel & increasing silt (5,25,25,45), v. hard	
SB3-10' (1240)	231		10	CL	Silty clay; dk gray & yell. brown; hard; dry; faint petr. odor (0,0,40,60)	
	312					
NR					?	
				ML	clayey silt; lt. grayish brown; mod hard; dry; (0,0,60,40)	
SB3-15' (1250)	280		15			
	180				Zone of (0,0,80,20)	
SB3-20' (1255)	458		20		grades moist at bottom	
					End of boring 1255 hrs	

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Boring Log 30/page

Project: Kaiser F. H.P. - 3701-3757 Broadway, Oakland, CA		Boring/Well Name: SB-4
Boring Location: NW of frm USTs 3735 Broadway	Job No.: 050T.50133	
Subcontractor and Equipment: Vironex Geoprobe	Logged by: Robitaille	Page 1 of 1
Sampling Method: Cont. 1.5" core (PVC)	Monitoring Device: PID/OVM	
Start Date/Time: 08 Jan 04 // 1330	Finish Date/Time: // 1405	Comments: Collected grab GW at 10.5'.
First Water (bgs): 9.75	Stabilized Water (bgs): —	
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		Asphalt – 1.5" Broken	
				F	Silty gravelly sand, (Fill?), yell brn, dk yell brn, gray brown intermixed; overall 20% gravel to 1.5", 60% pred fn sand w/ some med-cse; 20% silt	
	0					
	NR					
	0		5			
584-5' (1335)						
	NR					
584-9.5' (1345)	0				▽ grayish	
584-W (1355)			10	SP	Sand (SP), dk. brown; loose; wet; well srtd; v. fn-fn (0,90,10,0)	
				CL	Silty clay (CL); lt. gray and lt. yell brn mottled; med hard; dry; (0,0,30,70)	
584-13' (1405)	34					
			15		grades increasing silt, pred. lt. gray	
	57				End of boring 1405 hrs	
			20			

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Revised by: Date:

Project: Kaiser F.H.P. - 3701-3757 Broadway, Oakland, CA		Boring/Well Name: SB-5
Boring Location: 40' W of Bdwy near Sedge fmr USTs	Job No.: 050T.50133	
Subcontractor and Equipment: Vironex Geoprobe	Logged by: Robitraille	Page 1 of 1
Sampling Method: Cont. 1.5" core (PVC)	Monitoring Device: PID/OVM	
Start Date/Time: 08 Jan 04 // 1425	Finish Date/Time: // 1430	Comments: Collected vapor sample at 6' using SV-Geoprobe SV retracting point.
First Water (bgs): 9?	Stabilized Water (bgs): —	
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		Asphalt - 1.5" broken	
				F	Gravelly silt with sand (Fill); dk gray, yell brown, dk brn mixed; mod hard; dry; overall 20% gravel to 1.5" 20% fn-cse sand, 60% silt; trace clay	
	0	NR				
SB5-5' (1425)		NR	5			
SB5-V (1430)	0				silty Sand; grayish brown; mod loose; wet; pred fn-med (0,70,30,0)	
	1				? Sand; black; loose; wet; well sorted fn-mod trace cse; ~~strong~~ Faint petroleum odor (found in shoe only)	
	4.8					
SB5-10S (1430)	149		10			
	300					
			15		End of boring 1430 hrs	
			20			

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Reviewed by: Date:

Revised by: Date:

Project: Kaiser F.H.P. - 3701-3757 Broadway, Oakland, CA		Boring/Well Name: SB-6	
Boring Location: 20'N of 3701, 25'W of Bdwy	Job No.: 050T.50133		
Subcontractor and Equipment: Vironex Geoprobe	Logged by: Robitaille		
Sampling Method: Cont. 1.5" core	Monitoring Device: PID/OVM	Page 1 of 1	
Start Date/Time: 08 Jan 04 // 1550	Finish Date/Time: 9 Jan 04 // 0840	Comments: Collected grab GW	
First Water (bgs): ± 21'	Stabilized Water (bgs): ~21'		
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		Concrete - 3" Cracked	
	1			CL	# Silty Clay; Dk. gray and dk reddish brown mottled; mod hard; moist; (0,0,25,75)	
	0			CL	Clay; dk gray; mod hard; moist; some trace silt; (0,0,10,90)	
	0		5		grades mottled dk gray and dk yell. brown	
SB6-5' (1600)						
	2					Hand drilling - only 2'/push w/reduced tip opening
	7		10		grades pred yell. brown	
SB6-10' (1620)						
	8				thin zone of gravelly sand; loose; dry, 2" thick	
				CL	Silty clay; lt. grayish brown; hard, dry; (0,0,20,80); faint petroleum odor (degraded gasoline)	
	362					
			15		grades increasing silt (0,0,40,60)	
SB6-15' (1630)	710					
						resumed 4'/push
					(0,0,50,50) trace fn sand, w/ black Fe or Mn staining	
					Thin zone of silty fine sand; dense; dry dry; 2"	
	313			CL	AA (SM)	
			20		? ▽	Recovery of 20-24' based on over-stuffed barrel - could not extract - Silty sand at top - wet, and hard clay in shoe. Did not produce water or plugged foot valve on OBJan. Let sit overnight
	319		?	SM	Silty fine sand (SM); yell. brown; loose; wet; pred fn w/trace med sand; (0,70,30,0)	
SB6-W (0850)						
					?	
	44			CL	Silty clay (CL), yell. brown, hard; dry; (0,0,20,80)	
			25		End of boring 24' at 1700 hrs 08 Jan 04	
SB6 26' (0840)	34				Resumed 09 Jan 04 0830 - v. little water overnight and collapsed to ± 22'	
					EOB 0840 9 Jan 04 - core contains 18' clay at bottom and loose wet silty sand - Should produce H2O - Produces but slowly	

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Revised by: Date:

Project: Kaiser F.H.P. - 3701-3757 Broadway, Oakland, CA		Boring/Well Name: SB-7
Boring Location: @ 6'S of N wall 3757, 50'W of Bldg	050T.50133	
Subcontractor and Equipment: Vironex Geoprobe	Logged by: Robitaille	
Sampling Method: cont. 1.5" core (PVC)	Monitoring Device: PID/OVM	Page 1 of 1
Start Date/Time: 09 Jan 04 // 1000	Finish Date/Time: // 1045	Comments: Collected Vapor at 6'
First Water (bgs): 21.5	Stabilized Water (bgs): —	Collected grab GW
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		Concrete ≈4"	
	1			CL	Silty clay (CL); yellowish brown w/ reddish brn mottles mod hard; dry; (0,0,30,70)	
SB7-5' (1005)	2		5			
SB7-V (1010)		NR				
	3				AA	
	8 2					
SB7-10' (1020)			10	CL	Silty clay (CL), V. dk. brown; mod soft; dry; trace CSE chert sand; abundant V. dk. reddish staining; (0,0,15,85) L and gravel to ½"	
	2				grades dk. grayish brown	
SB7-15' (1030)	2		15		grades increasing sand (fn-CSE) and gravel	
	3			CL	Sandy clay with gravel; dk. yell. brown; mod soft; moist; v. plly srtd fn-CSE sand; fn angular gravel;	
SB7-19' (1035)	3		20	CL	(10,20,10,60)	
					Silty clay; lt. yell brn & yell brn mottled; soft, moist;	
	3			SM	(0,0,40,60)	
SB7-W (1050)					Silty fine sand; yell. brown; mod dense; wet; v. fn-fn sand	
SB7-23.5 (1050)	3			CL	(0,70,30,0) trace clay	
			25		Silty clay; lt. gray & lt. yell brn; mod hard; moist; w/ black staining; (0,0,30,70)	
					End o boring 1045 hrs 9 Jan 03	

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Reviewed by:	Date:
Revised by:	Date:

Project: Kaiser F.H.P. - 3701-3757 Broadway, Oakland, CA		Boring/Well Name: SB-8
Boring Location: 3757 shop near Solvent AST - 50'W of [illegible]	Job No.: 050T.50133	
Subcontractor and Equipment: Vironex Geoprobe	Logged by: Robitaille	
Sampling Method: cont. 1.5" core (PVC)	Monitoring Device: PID/OVM	Page 1 of 1
Start Date/Time: 9 Jan 04 // 1105	Finish Date/Time: // 1125	Comments:
First Water (bgs): — NE	Stabilized Water (bgs): —	
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		concrete - o.k. condition - no cracks	
	3			CL	Silty clay (CL); dk. brn and dk. yell brown; mod soft; dry; (0,0,30,70)	
SB8-1' (1110)			1			
		NR	2			
			3		— ?	
	3		4	SM	Sandy ~~Silty wit~~ silt with clay ~~AA with~~ yell brn, ~~[illegible]~~ (0,20,50,30), mod hard, dry; v.fn w/some fn. sand	
SB8-5' (1120)			5		grades less sand, increasing clay	
		NR	6		End of boring 1125 hrs	

Reviewed by:	Date:
Revised by:	Date:

SECOR International Incorporated

Project: Kaiser F.H.P. - 3701 - 3757 Broadway, Oakland, CA		Boring/Well Name: SB-9
Boring Location: 3757 near oil ASTs from Bdwy	Job No.: 050T.50133	
Subcontractor and Equipment: Vironex Geoprobe	Logged by: Robitaille	
Sampling Method: cont. 1.5" core (PVC)	Monitoring Device: PID/OVM	Page 1 of 1
Start Date/Time: 9 Jan 04 // 1205	Finish Date/Time: // 1215	Comments: Ambient PID = <10 due to mechanics working.
First Water (bgs): NE	Stabilized Water (bgs): —	
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		Concrete - ok condition, stained w/oil	
	4			CL	Silty clay (CL); yell brn to lt.grayish brn; mod hard; dry; (0,0,30,70); dk brown top 2"	
SB9-1' (1210)			1		grades mottled dk.red & black (decomposed CSE sand?)	
				ML	Clayey silt (ML); dk brown; mod hard; dry; (0,0,85,15)	
		NR	2			
					-6	
			3			
			4	CL	Silty clay (CL), dk.yell brn to v.dk. brown - mixed; mod hard; dry; trace small gravel; trace fn - CSE sand	
	4					
SB9-5' (1215)			5			
		NR		ML	Clayey silt (ML); lt.yellowish brown to lt.gray; mod soft; dry; (0,0,85,15)	
			6		End of boring 1215 hrs	

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Revised by: Date:

Project: Kaiser F.H.P. - 3701-3757 Broadway, Oakland, CA		Boring/Well Name: SB-10
Boring Location: UST boring area near lg. sump	Job No.: 0501.50[illegible]133	
Subcontractor and Equipment: Vironex - Hand Auger	Logged by: Robitaille	Page 1 of 1
Sampling Method: Hand Auger & 1" core driver	Monitoring Device: PID/OVM	
Start Date/Time: 9 Jan 04 // 1315	Finish Date/Time: //	Comments: Approx 8' west of SW corner of holding tank/ sump.
First Water (bgs): NE	Stabilized Water (bgs): —	
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0		Asphalt - 2" - O.K. condition - cored w/ hole saw	
				F	Base coarse, gravel & sand, dk. yell. brown	
	0		1		silty clay with cobbles and debris of concrete; v. dk. brown; mod hard; moist; cobbles to 4"	
					switched to 1" dia hand driven coring tool (PVC)	
SB10-2' (1330)			2	CL	Silty Clay (CL); dk to v. dk gray; mod soft; moist mottled with black; (0,0,20,80)	
	0		3			
			4			
SB10-5' (1340)	0		5		A A	
			6			

SECOR International Incorporated

Reviewed by: Date:

Revised by: Date:

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 050T.50738.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Melamed

Log of Boring: SB-13 Page of

Sampling Method: Cont. Core

Monitoring Device: PID

Comments:

Start Date/ Time: 1-18-06 / 14:50

Finish Date/ Time: 1-18-06 / 15:30

First Water (BGS): NA

Stabilized Water Level (BGS): NA

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
NA			0		Asphalt
			1		Clay with Silt (CL); Brn (10YR-4/3); Firm; mod. to High plast; (0,0,10,90)
			2		
			3		Moist
			4		
505		45	5	X	AA - Faint odor
			6		
			7		
		95	8		
			9		@ 9' Color change to Lt. Olive Brn (2.5Y-5/4) Dry to moist
510		80	10	X	
			11		
		476	12		AA - mod. odor
			13		
			14		AA - Strong odor
520		620	15	X	
			16		
			17		
530		779	18	X	Clayey Silt (ML); Olive (5Y-5/3); Firm; moist; mod. plast.; strong odor; (0,0,60,40)
			19		
			20		

Boring Abandonment/ Well Construction Details: Grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 050T.50738.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Melancon

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-19-06 / 750

Finish Date/ Time: 1-19-06 / 900

First Water (BGS): 18'

Stabilized Water Level (BGS): 12.9

Log of Boring: SB-14

Page of

Comments: moved borehole due to [illegible] at original location [illegible]

Surface Elevation:

Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
HA			0		Concrete	
			2		Clay (CL); Brn (10YR-4/3); Firm to Hard; moist; mod. to High plasti; (0,0,0,100)	
.25		5	5		AA; Staining in Zones	
		10	7		Sandy Silt with clay and gravel (ML); olive Brn (2.5Y-4/3); sand is F. grained; Firm; moist; mod. plasti; (10,30,50,10)	
		5	9		Clay with Silt (CL); Brn (10YR-5/3); Firm to Hard; Dry; mod. plasti; Faint odor; Staining in Zones (0,0,10,90)	
.35		15	10			
	▼	320	12		AA - mod. odor	Grout
.45		594	15		AA. Strong odor; Staining throughout	
.55	▽	569	18		Silty Sand with clay (SM); olive gray (5Y-4/2); Sand is F. grained; med. dense; wet; strong odor (0,75,20,5)	
.00		569	20			
		552	21		Silty Clay (CL); Olive Brn (2.5Y-4/3); med. Soft to Firm; moist; mod. plasti; mod. odor; (0,0,40,60)	

Note: SPH sheen on water in borehole.

SEACOR

Reviewed by: ______________________ Date: __________

Project: Kaiser - Oakland

Boring Location: 3701 Broadway Oakland

Project No.: 050T.50238.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Mellgren

Log of Boring: SB-15 Page of

Sampling Method: Cont. Core

Monitoring Device: PID

Comments:

Start Date/ Time: 1-18-06 / 1310

Finish Date/ Time: 1-18-06 / 1400

First Water (BGS): ~17'

Stabilized Water Level (BGS): NA

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
NA			0		Asphalt
			1		Clay (CL); Brn (10YR-4/3); Firm to Hard; moist; mod. to high plast; (0,0,0,100)
			2		
			3		
			4		
330		30	5	X	AA - Faint odor
			6		
			7		
		561	8		Sandy Silt with clay (ML); Olive Brn (2.5Y-4/3); Sand is Fine grained; Firm; moist; mod. plast; Strong odor (0,30,60,10)
340		190	9		
			10	X	
			11		Clay with Silt (CL); Brn (10YR-5/3); Firm to Hard; Dry; mod. plast; mod. odor; (0,0,10,90)
			12		
		220	13		
			14		
350		1058	15	X	Clayey Silt (ML); Olive (5Y-5/3); Firm; moist; mod. plast; Strong odor; (0,0,60,40)
			16		
			17		Clay - AA
00		726	18	X	Sandy Silt with clay (ML); Olive (5Y-5/3); Firm; moist to wet; Strong odor; (0,30,65,5)
			19		
			20		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 050750738.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Melonson

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-18-06 / 1200

Finish Date/ Time: 1-18-06 / 1220

First Water (BGS): 2.5' (perched)

Stabilized Water Level (BGS): NA

Log of Boring: SB-16 Page of

Comments:

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
14			0		Asphalt
			1		Pea gravel - former pump backfill
			2		@2.5' - wet - perched water
			3		
			4		Clay (CL); Brn (10 YR - 4/3); Firm to Hard; moist; med. to high plast.; strong odor (0, 0, 0, 100)
1210		1501	5	X	Strong odor
			6		AA
			7		
		1493	8		
			9		AA
1220		1687	10	X	
			11		
NR			12		
			13		Rig refusal - due to Hard clay + pea gravel falling in.
			14		
			15		
			16		
			17		
			18		
			19		
			20		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland			Log of Boring: SB-17 Page of
Boring Location: 3701 Broadway, Oakland	Project No.: 050T.F0238.05		
Subcontractor and Equipment: Gregg Drilling / Geoprobe	Logged By: C. Melamed		
Sampling Method: Cont. Core	Monitoring Device: PID		Comments:
Start Date/ Time: 1-18-06 / 1400	Finish Date/ Time: 1-18-06 / 1440		
First Water (BGS): ~18'	Stabilized Water Level (BGS): NA		

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	Surface Elevation: / Casing Top Elevation: LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
H			0		Asphalt	grout
			1		Clay (CL); Brn (10YR-4/3); Firm to Hard; moist; med. to High plast.; Faint odor; (0,0,0,100)	
			2			
			3			
			4			
110		75	5	X		
			6		AA	
		55	7			
			8		Sandy Silt with clay (ML); Olive Brn (2.5Y 4/3); Sand is F grained; Firm; moist; Mod. plast.; Faint odor; (0,30,60,10)	
			9			
120		498	10	X		
			11		Clay with Silt (CL); Brn (10YR-5/3); Firm to Hard; Dry; Mod. plast.; Strong odor; (0,0,10,90)	
		586	12			
		726	13			
			14			
130		676	15	X	Clayey Silt (ML); Olive (5Y-5/3); Firm; moist; Mod. plast.; Strong odor (0,0,60,40)	
			16			
			17		Clay - AA	
	▽		18			
140		639	19	X	Sandy Silt (ML); Olive (5Y-5/3); Firm; moist to wet; low plast.; Strong odor; (0,35,65,0)	
			20			

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No: 0507.50238.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Melancon

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-18-06 / 830

Finish Date/ Time: 1-18-06 / 930

First Water (BGS): 18'

Stabilized Water Level (BGS): 12.1

Log of Boring: SB-18 Page of

Comments: Sheen on Water

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
H/A		3	0		Asphalt + Baserock	
			1		Clay with Silt (CL); Brn (10YR-4/3); Firm; mod. - high plast.; (0, 0, 10, 90)	
			2			
			3		@3' staining and faint odor	
			4			
50		5	5		staining in zones; no odor	
			6			
			7			
			8			
		10	9			
05		159	10	X	Faint odor	
	▽		11			
			12			
			13			
			14			
15		506	15	X	AA strong odor	
			16			
			17			
20	▽	667	18	X	Silty Sand (SM); Lt. Olive Brn (2.5Y-5/3); Sand is Fine grained; Firm; moist to wet; strong odor; SPH sheen (0, 70, 30, 0)	
NR			19			
		428	20			
			21			
			22			

grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.:

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By:

Sampling Method: Cont. Core

Monitoring Device:

Start Date/ Time: 1-18-06 / 1030

Finish Date/ Time: 1-18-06 / 1115

First Water (BGS): NA

Stabilized Water Level (BGS): 10.5

Log of Boring: SB-19 Page of

Comments: Sheen on water

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
14			0		Asphalt + Baserock
			1		Silty Clay (CL); Brn (10YR-4/3); Firm;
			2		moist; med. plast.; (0,0,20,80)
			3		
			4		
150		0	5	X	AA
			6		
			7		
			8		
		10	9		AA
00		70	10	X	@10' faint odor
	X		11		
		529	12		AA - Strong odor
			13		
			14		
10		747	15	X	
			16		
			17		
15		629	18	X	
			19		
			20		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 050T.50238.03

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Malouros

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-18-06 / 1230

Finish Date/ Time: 1-18-06 / 1320

First Water (BGS): 18.5'

Stabilized Water Level (BGS): 16'

Log of Boring: SB-20 Page of

Comments: Screen on water

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
4/4			0		Asphalt
			1		Clay (CL); Brn (10YR-4/3); Firm to Hard; moist; mod. to High plast.; (0,0,0,100)
			2		
			3		
			4		
150		10	5	X	
			6		
			7		Sandy Silt with clay (mL); Olive Brn (2.5Y-4/3); Sand is Fi grained; Firm; moist; mod. plast; Faint odor; (0,30,60,10)
		45	8		
			9		
200		290	10	X	Clay with Silt (CL); Brn (10YR-5/3); Firm to Hard; Dry; mod. plast.; mod. odor; (0,0,10,90)
			11		
			12		
		498	13		AA - Strong odor
			14		
310		779	15	X	
	▼		16		
			17		
			18		
320	▽	836	19	X	Silty Sand (SM); Olive (5Y-5/3); med. dense; wet; Strong odor; SP4 Screen (0,65,35,0)
			20		

Boring Abandonment/ Well Construction Details: 9 Point

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland			Log of Boring: SB-21
Boring Location: 3701 Broadway, Oakland	Project No.: 05OT.50238.00		Page of
Subcontractor and Equipment: Gregg Drilling / Geoprobe	Logged By: C. Melancon		
Sampling Method: Cont. Core	Monitoring Device: PID		Comments:
Start Date/ Time: 1-17-06 / 820	Finish Date/ Time: 1-17-06 / 920		
First Water (BGS): NA	Stabilized Water Level (BGS): —		

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well-Construction Details
HA			0–3	ML	Clayey Silt (ML); v. dk. gray (10YR-3/1); Firm; Dry; mod. plastic (0,0,75,25)	grout
HA			3–5	CL	Silty Clay (CL); Dk. yel. Brn (10YR-4/4); Firm; moist; mod. plastic (0,0,35,65)	
		0	5			
NR			6–7			
40		15	7–9.5	SC	Clayey Sand with silt (SC); Olive Brn (2.5Y-4/3); Sand is F. grained; Dense; moist; (0,65,10,25) @ 9' odor and staining	
		30	10	CL	Clay with silt (CL). Lt. Olive Brn (2.5Y-5/4); Hard; Dry to moist; mod. to High plastic; Faint odor; green stain in zones; (0,0,10,90)	
NR			11			
50		159	13			
		105	15		AA - increased staining	
		435	16		AA	
NR			18			
10		110	20–21		AA - little Staining	
			22			

SEACOR

Reviewed by: Date:

Project: Kaiser - Oakland			Log of Boring: SB-22 Page of
Boring Location: 3701 Broadway, Oakland, CA		Project No.: 050T.50258.00	
Subcontractor and Equipment: Gregg Drilling / Geoprobe		Logged By: C. Mitchell	
Sampling Method: Cont. Core	Monitoring Device: PID		Comments:
Start Date/ Time: 1-17-06 / 930	Finish Date/ Time: 1-17-06 / 950		
First Water (BGS): NA	Stabilized Water Level (BGS): —		

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
A			0		Asphalt
			1		Sand (SP); Brn (10YR 5/3); Sm. of is F. grained. Dry; loose; (0,100,0,0)
			2		possible edge of old tank pit.
			3		
			4		AA - Some fine gravel present.
			5		Silty Clay (CL); Dk. ytl. Brn (10YR 4/6); mod. soft; moist; mod. plast.; Faint
NR	↑ ▽ ↓		6		odor; (0,0,35,65)
			7		
			8		Note: Sample keeps sliding out. NR
			9		water on sample shows Hydrocarbon
NR			10		sheen; mod. odor;
			11		
			12		
			13		
			14		
			15		
			16		
			17		
			18		
			19		
			20		
			21		
			22		

Boring Abandonment/ Well Construction Details: 9 out

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 0507.50238.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Melgarejo

Log of Boring: SB-22A

Page of

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-17-06 / 1000

Finish Date/ Time: 1-17-06 / 1035

First Water (BGS): ~16'

Stabilized Water Level (BGS): —

Comments: stepped off SB-22 as first pit backfill sand and water in backfill while sample slide out. MR

Surface Elevation:

Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
1P 1X			0		Asphalt + Baserock gravel
			1		Clayey Silt (ML); V. DK. gray (10YR-3/1); Firm; Dry; mod. plast.; (0,0,75,25)
			2		
			3		
			4		Silty Clay (CL); DK. yel. Brn (10YR-4/6); Firm; Dry to moist; mod. Plast; (0,0,30,70)
		0	5		
		15	6		
DID		110	7	X	Sandy Silt with gravel and Clay (ML); Sand is F. grained; Firm; moist; mod. Plast.; mod. odor (10,30,50,10)
			8		
			9		@ 9' Strong odor; sheen on soil
115		422	10	X	
		95	11		Clay with Silt (CL); Lt. Olive Brn (2.5Y-5/4); Hard; Dry to moist; mod. to High plast.; mod. odor; (0,0,10,90)
			12		
			13		
NR			14		Silty Sand (SM) - logged from sloughed in next sample
			15		
125	▽	285	16	X	Clayey with silt (CL) - AA
			17		Silty Sand (SM); Olive Gray (5Y-4/2); Sand is F. grained; med. dense; wet; mod. odor; (0,75,25,0)
NR			18		
			19		
35		442	20	X	Silty Clay (CL); Olive (5Y-5/3); Firm; moist; mod. plast.; strong odor; (0,0,30,70)
			21		
			22		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 0507.5023B.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. McLaughlin

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-17-06 / 1045

Finish Date/ Time: 1-17-06 / 1115

First Water (BGS): N/A

Stabilized Water Level (BGS): 12.1'

Log of Boring: SB-23 Page of

Comments:

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
			0		Asphalt + Bisrock
4			1		clayey Silt (ML); V. Dk. gray (10YR-3/1); Firm; dry; mod. plast.; (0, 0, 75, 25)
4			2		
150		10	3	X	Silty clay (CL); Dk. yel. Brn (10YR-4/6); Firm; dry to moist; mod. plast; (0, 0, 30, 70)
			4		
		15	5		clay with Silt (CL) - AA
			6		
			7		
		35	8		Silty Sand with gravel and clay (SM); Olive Brn (2.5Y-4/3); Sand is F. grained; mod. dense; moist; Fair odor (10, 50, 30, 10)
			9		
100		448	10	X	@ 10' Strong odor
			11		
	▼		12		clay with Silt (CL); Lt. Olive Brn (2.5Y-5/4); Hard; dry to moist; mod. to high plast; mod. odor; (0, 0, 10, 90)
		145	13		@ 13' Little to no staining and odor
			14		
10		185	15	X	15'
		686	16		
			17		17-18' Strong odor
15		726	18	X	
			19		
			20		
			21		
			22		

Boring Abandonment/ Well Construction Details: Grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 050T5023801

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. McMurray

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-19-06 / 920

Finish Date/ Time: 1-19-06 / 1000

First Water (BGS): ~ 19.5'

Stabilized Water Level (BGS): 11.9'

Log of Boring: SB-24 Page of

Comments: Sheen on water

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
NA			0		Concrete
			1		Bedrock
			2		Clayey Silt (ML); V. Dk. gray (10YR-3/1); Firm; Dry; mod. plast; (0,0,75,25)
			3		
			4		
35		10	5	X	Silty Clay (CL); Dk. yel. Brn (10YR-4/6); Firm; Dry to moist; mod. plast; (0,0,30,70)
			6		
			7		
		10	8		
			9		
45			10	X	Sandy Silt with gravel and Clay (ML); Olive Brn (2.5Y-4/3); Firm; moist; mod. plast; (10,30,50,10)
		55	11		
	▼		12		
		210	13		Clay with Silt (CL); Lt. Olive Brn (2.5Y-5/4); Hard; Dry to moist; mod. to high plast; mod. odor; (0,0,10,90)
			14		
55			15	X	
		409	16		
			17		
		686	18		
	▽		19		
000			20	X	Silty Sand (SM); Dk. greenish gray (10Y-4/1); Sand is F-M grained; wet; strong odor; SPH sheen; (0,80,20,0)
			21		
			22		
			23		
			24		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 0507.50238.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: T. Malamud

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-17-06 / 1405

Finish Date/ Time: 1-17-06 / 1440

First Water (BGS): 15'

Stabilized Water Level (BGS): 10'

Log of Boring: SB-25 Page of

Comments: Sheen on water

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
			0		Asphalt + Baserock gravel
			1		Clayey Silt (ML); V. Dk. gray (10YR 3/1);
			2		Firm; Dry; mod. plast; (0,0,75,25)
			3		
			4		
415		95	5		Silty Clay (CL); Dk. yel. Brn (10YR 4/6);
			6		Firm; Dry to moist; mod. plast;
			7		Faint odor; (0,0,30,70)
		561	8		
120	▼	529	9		Sand with gravel and Silt (SW); Dk. gray
			10		(5Y 4/1); Sand is F-C grained; Dense;
			11		moist; Strong odor; (10,80,10,0)
		639	12		
			13		Clay with Silt (CL); Lt. Olive Brn
			14		(2.5Y 5/4); Hard; Dry to moist;
130	▽	629	15		mod. to High plast; Strong odor
					(0,0,10,90)
135		586	16		Silty Sand (SM); Dk. greenish gray (10Y 4/1);
			17		Sand is F-M grained; wet; Strong odor; Split
			18		Sheen on water; (0,80,20,0)
140		603	19		Clay - AA
			20		Clayey Silt (ML); Olive (5Y 5/3); Firm;
					moist; mod. plast; Strong odor;
					(0,0,60,40)

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 050750278.01

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. McLaren

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-17-06 / 1130

Finish Date/ Time: 1-17-06 / 1200

First Water (BGS): 2 & 5'

Stabilized Water Level (BGS): 13.4'

Log of Boring: SB-26 Page of

Comments: Moved Borehole due to Sand Backfill in upper 5'. Note: Heavy Sheen on Water

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
14		25	0		Asphalt + Baserock
			1		Clayey Silt (ML); V. Dk. gray (10YR-3/1); Firm; Dry; mod. plast.; (0, 0, 75, 25)
			2		
			3		
			4		Silty Clay (CL); Olive Gray (5Y-4/2); Firm to Hard; Dry; mod. plast.; (0, 0, 30, 70)
140		60	5		
			6		
			7		
		629	8		AA - Strong odor
			9		
145		561	10		Silty Sand with gravel (SM); Dk. gray (5Y-4/1); Sand is F-M grained; Dense; moist; Strong odor; (10, 50, 40, 0)
		726	11		
			12		
			13		Clay with silt (CL); Lt. Olive Brn (2.5Y-5/4); Hard; Dry to moist; mod. to High plast.; Strong odor (0, 0, 10, 90)
			14		
155		629	15		
			16		
			17		
			18		
			19		Clayey Silt (ML); Olive (5Y-5/3); Firm; moist; mod. plast.; strong odor; (0, 0, 60, 40)
		552	20		
200		736	21		Sand with Silt (SP); Olive (5Y-5/3); Dense; wet; strong odor; SPH sheen; (0, 90, 10, 0)
			22		

Note: SPH sheen on water

Surface Elevation: Casing Top Elevation:

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland | Project No.: 0507.50238.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe | Logged By: C. Melancon

Sampling Method: Cont. Core | Monitoring Device: PID

Start Date/ Time: 1-17-06 / 1315 | Finish Date/ Time: 1-17-06 / 1355

First Water (BGS): NA | Stabilized Water Level (BGS): 14'

Log of Boring: SB-27 | Page of

Comments:

Surface Elevation: | Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
4 4			0		Asphalt + Baserock
			1		Clayey Silt (ML): V. DK. gray (10YR-3/1);
			2		Firm; Dry; mod. plast.; (0, 0, 75, 25)
			3		
			4		
30		5	5	X	Silty Clay (CL): Olive Gray (5Y-4/2);
			6		Firm to Hard; Dry; mod. plast.;
			7		(0, 0, 30, 70)
		10	8		
			9		Sandy Silt with gravel and clay (ML);
		70	10	X	Olive gray (5Y-4/2); Sand is F. grained.
35			11		Firm; Dry; low plast; Faint odor; (10, 30, 50, 10)
		513	12		Sand with Silt (SP); DK. gray (5Y-4/1);
		648			Sand is F-M grained; moist; wetted 12"
			13		(perched water?); strong odor; (0, 90, 0, 0)
			14		Clay with Silt (CL); Lt. Olive Brn
		384	15	V	(2.5Y-5/3); Hard; Dry; mod. to high
45			16		plast.; staining in zones; mod. odor;
			17		(0, 0, 10, 90)
			18		16.5-18' heavy green staining, strong odor
		648			@ 18' moist
55			19	X	
			20		
			21		
			22		

Boring Abandonment/ Well Construction Details: 9 grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 0507.50238.01

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: E. Melvoin

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-17-06 / 1540

Finish Date/ Time: 1-17-06 / 1610

First Water (BGS): ~ 18'

Stabilized Water Level (BGS): 14.2'

Log of Boring: SB-28 Page of

Comments:

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
			0		Asphalt + Baserock
			1		Clayey Silt (ML); v. Dk. gray (10YR-3/1);
			2		Firm; Dry; mod. plast. (0, 0, 75, 25)
		20	3		Silty Clay (CL); Dk. yel. Brn (10YR-4/6);
			4		Firm; Dry to moist; mod. plast.;
50		50	5		(0, 0, 30, 70)
			6		
			7		
		40	8		
		40	9		Silty Sand with gravel and clay (SM);
555		170	10		Dk. gray (5Y-4/1); Sand is F-m gr.; Trace
			11		moist; Faint odor (10, 50, 30, 10)
		561	12		Clay with Silt (CL); Lt. olive Brn (2.5Y-5/4);
			13		Hard; Dry; mod. to high plast.;
			14		mod. odor (0, 0, 10, 90)
100		536	15		@ 12' Strong odor
			16		
		696	17		
			18		
			19		
10		469	20		Sand with Silt (SP); Olive (5Y-5/3);
			21		Dense; Wet; Strong odor; (0, 90, 10, 0)
			22		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 050T.50738.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Hoffman

Sampling Method: Cont. Core

Monitoring Device: PID

Start Date/ Time: 1-18-06 / 1510

Finish Date/ Time: 1-18-06 / 1600

First Water (BGS): NA

Stabilized Water Level (BGS): NA

Log of Boring: SB-29 Page of

Comments:

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
			0		Asphalt
			1		
			2		
			3		
			4		
520		10	5		Silty clay (CL): Brn (10YR-4/3); Hard; Dry; mod. plast.; (0, 0, 70, 70)
			6		
			7		
		30	8		
			9		
540		70	10		
			11		
		484	12		Clayey Silt with Sand (ML); yel. Brn (10YR-5/4); Sand is Fine grained; Hard; Dry; low plast; mod. odor; (0, 10, 55, 35)
			13		
545		390	14		Clay with Silt (CL): Lt. Olive Brn (10YR-5/3); Hard; Moist; mod. plast; mod. odor; (0, 0, 90, 90)
			15		
			16		
550		676	17		Sandy Silt with clay (ML); Olive (5Y-5/3); Firm; moist; mod. plast; strong odor; (0, 20, 70, 10)
			18		
			19		
			20		Clay with Silt (CL) - AA
600		230	21		Clayey Silt (ML); Lt. Olive Brn (2.5Y-5/3); Firm; moist; mod. plast; mod. odor; (0, 0, 65, 35)
			22		
			23		
			24		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 0507.50738.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Mclaren

Log of Boring: SB-30 Page of

Sampling Method: Cont. Core

Monitoring Device: PID

Comments:

Start Date/ Time: 1-19-06 / 1000

Finish Date/ Time: 1-19-06 / 1030

First Water (BGS): ~18'

Stabilized Water Level (BGS): 14.9'

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
14 A			0		Asphalt
			1		Clay with Silt (CL); Brn (10YR-4/3);
			2		Firm; mod. to High Plast.; (0,0,10,90)
			3		
			4		
10		10	5	X	
			6		
			7		
		500	8		AA - Faint odor
			9		
15		265	10	X	AA - mod. odor
			11		
		716	12		AA - Strong odor
			13		
			14		
	▼	1149	15	X	
20			16		
			17		
	▽		18		
30		1088	19	X	Silty Sand (SM); Lt. Olive Brn (2.5Y-5/3);
			20		Sand is F. grained; med. Plast;
					moist to wet; Strong odor; (0,70,20,0)

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 0507.50738.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: K. Helmrich

Log of Boring: SB-37 Page of

Sampling Method: Cont. Core

Monitoring Device: PID

Comments:

Start Date/ Time: 1-19-06 / 1330

Finish Date/ Time: 1-19-06 / 1405

First Water (BGS): NA

Stabilized Water Level (BGS): 9.9

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
4A			0		Concrete
			1		Bistrock gravel
			2		Clayey Silt (ML); V. Dk. gray (10YR 3/1); Firm; Dry; mod. plastic; (0, 0, 75, 25)
			3		
			4		
150		0	5	X	Silty Clay (CL); Olive Gray (5Y 4/2); Firm to Hard; Dry; mod. plast.; (0, 0, 35, 70)
			6		
			7		
		130	8		Silty Sand (SM); Black (5Y 2.5/1); Sand is F. grained, loose; wet; Oil on water; strong odor; (0, 80, 20, 0)
	▼	285	9		Silty Clay - AA; Pk. greenish gray (10Y 3/1);
355		860	10	X	Silty Sand with gravel and clay (SM); Dk. greenish gray (10Y 3/1); Sand is F.m grained; Dense; moist; strong odor; (10, 60, 20, 10)
			11		
			12		
405		790	13	X	Clay with Silt (CL); Lt. Olive Brn (2.5Y 5/3); Hard; Dry; mod. plast.; strong odor; (0, 0, 10, 90)
			14		
			15		
			16	X	AA
105			17		
			18		
			19		
			20		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland			Log of Boring: Page of
Boring Location: 3701 Broadway, Oakland	Project No.: 0507.50238.00		SB-38
Subcontractor and Equipment: Gregg Drilling/Geoprobe	Logged By: C. Melancon		
Sampling Method: Cont. Core	Monitoring Device: PID		Comments: Note: perched water at 4'
Start Date/ Time: 1-19-06 / 1130	Finish Date/ Time: 1-19-06 / 1320		
First Water (BGS): N A	Stabilized Water Level (BGS): 4'		

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
N A	▼		0		Concrete building slab	
			1		Clay (CL); Brn (10YR-4/3); Firm; moist; mod. plast.; (0,0,0,100)	
			2			
			3			
			4		Gravelly Silty Sand (SM); Black (5Y-2.5/1); Sand is Fine grained; Loose; wet; mod. oil odor; Sheen on water; (20,50,30,0)	
145		25	5	X		
			6			
			7		Silty Clay (CL); Very dk. gray (5Y-3/1); Firm; moist; mod. plast; mod. oil odor; (0,0,30,70)	
		20	8			
			9			
			10			
			11			
310		5	12	X	@12.5 color change to Olive (5Y-5/3)	
			13			
			14			
			15			
			16			
120		5	17	X		
			18			
			19			
			20			

9 Point

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland		Log of Boring: SB-39 Page of
Boring Location: 3701 Broadway, Oakland	Project No.: 0507.50238.00	
Subcontractor and Equipment: Gregg Drilling / Geoprobe	Logged By: C. Molina	
Sampling Method: Cont. Core	Monitoring Device: PID	Comments:
Start Date/ Time: 1-19-06 / 1100	Finish Date/ Time: 1-19-06 / 1130	
First Water (BGS): NA	Stabilized Water Level (BGS): 9.4	

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well-Construction Details
NA			0–1		Asphalt	grout
			2–4		Clay with Silt (CL); Lt. Olive Brn (2.5Y-5/3); Hard; Dry; mod. plast. (0, 0, 10, 90)	
110		0	5			
			6		AA	
115	▼	10	10			
		15	12–13		AA - Faint Odor	
120		50	14			
		260	16		AA - moist; mod. odor	
130		134	18–20		Clayey Silt with sand (ML); Olive gray (5Y-4/2); Sand is F. grained; Firm; moist; mod. odor; (0, 10, 70, 20)	

SEACOR

Reviewed by: ______________________ Date: __________

Project: Kaiser - Oakland			Log of Boring: SB-410 Page of
Boring Location: 370 / Broadway, Oakland	Project No.: 050T.50238.00		
Subcontractor and Equipment: Gregg Drilling / Geoprobe	Logged By: C. Melanson		
Sampling Method: Cont. Core	Monitoring Device: PID		Comments: Sheen on water
Start Date/ Time: 1-19-06 / 1030	Finish Date/ Time: 1-19-06 / 1100		
First Water (BGS): 18'	Stabilized Water Level (BGS): 10.2		

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	Surface Elevation: / Casing Top Elevation: — LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
14			0		Asphalt	
			1			
			2		Clay (CL); Brn (10YR-4/3); Firm; moist; mod. to High Plasti; (0,0,0,100)	
			3			
			4			
40		5	5		Sandy Silt with clay and gravel (ML); Olive Brn (2.5Y-4/3); Sand is F. grained; Firm; moist; mod. Plast.; (10,30,50,10)	
			6			
			7			
		5	8		Clay with Silt (CL); Brn (10YR-5/3); Firm to Hard; Dry; mod. Plasti; (0,0,10,90)	
			9			
45		5	10			
			11			
		10	12			
			13			
			14		AA - moist	
55		20	15			
			16			
		409	17			
			18			
00		484	19		Silty Sand with clay (SM); Olive Gray (5Y-4/2); Sand is F. grained; med. Dense; wet; strong odor; SPH Sheen; (0,75,20,5)	
			20			

Grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland

Project No.: 0507.5023.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. McLaren

Log of Boring: SB-41 Page of

Sampling Method: Cont. Core

Monitoring Device: PID

Comments:

Start Date/ Time: 1-19-06 / 1400

Finish Date/ Time: 1-19-06 / 1450

First Water (BGS): NA

Stabilized Water Level (BGS): 14.9

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
NA			0		Asphalt
			1		
			2		Clay (CL); Brn (10YR-4/3); Firm to Hard; moist; mod. to High plasti; (0,0,0,100)
			3		
			4		
120		0	5	X	
			6		
			7		
		0	8		AA - with silt
			9		
130		5	10	X	
			11		
		25	12		AA - Faint odor
			13		
			14		
140	▼	45	15	X	AA - mod. odor
		315	16		
			17		
150		612	18	X	Clayey Silt with Sand (ML); olive Gray (5Y-4/2); sand is F. grained; ; moist; mod. plast.; strong odor; (0,10,70,20)
			19		
			20		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broadway, Oakland | Project No.: 0507-507-8.01

Subcontractor and Equipment: Gregg Drilling / Geoprobe | Logged By: C. Hopkins

Sampling Method: Tank, Core | Monitoring Device: PID

Start Date/ Time: 1-18-06 / 945 | Finish Date/ Time: 1-18-06 / 1040

First Water (BGS): ~18' | Stabilized Water Level (BGS): 11'

Log of Boring | Page of | SB-42

Comments: Sheen on water

Surface Elevation: | Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
18			0		Asphalt + Bisrock
			1		
			2		Clay with Silt (CL); Brn (10YR-4/3); Firm to Hard; moist; med. plast.; (0, 0, 0, 100)
			3		
			4		
200		10	5		
			6		
			7		water producing zone in missed recovery
		60	8		
			9		Clay with Silt (CL); Brn (10YR-5/3); Hard; Dry; med. plast.; Faint odor; staining in zones; (0, 0, 10, 90)
110	▼	100	10		
			11		
			12		
			13		AA - mod. odor
120		305	14		
			15		
			16		AA - Strong odor
			17		
	▽		18		Silty Sand with Clay (SM); Olive gray (5Y-4/2); Sand; F. grained; med. dense; wet; Strong odor; SPH Sheen; (0, 75, 20, 5)
30		716	19		
			20		
			21		
NR			22		
			23		
			24		

Boring Abandonment/ Well Construction Details: 9 10 J +

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3701 Broad Way, Oakland

Project No.: 050T.502E8.00

Subcontractor and Equipment: Geoprobe Drilling / Geoprobe

Logged By: C. Verlaan

Log of Boring: SB-43 Page of

Sampling Method: Cont. Core

Monitoring Device: PID

Comments:

Start Date/ Time: 1-19-06 / 1500

Finish Date/ Time: 1-19-06 / 1530

First Water (BGS): 18'

Stabilized Water Level (BGS): 12.7'

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
24			0		
			1		
			2		
			3		
			4		
-10		0	5	X	Silty clay (CL); Brn (10YR 4/3); F. sand; moist; mod. to high plasticity; (0, 0, 20, 80)
			6		
			7		
		5	8		
			9		
-15		25	10	X	AA - sticky in hands; Hard
			11		
	▼	75	12		AA - Faint odor
			13		
			14		
520		185	15	X	AA
			16		
			17		AA - mod. odor
	▽		18	X	Silty Sand with clay (SM); Olive gray (5Y 4/2); Sand is F. grained; med. dense; wet; strong odor; (0, 75, 20, 5)
528		442	19		
			20		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland			Log of Boring: SB-44 Page of
Boring Location: 3741 Broadway, Oakland	Project No.: 0507.5023B.00		
Subcontractor and Equipment: Gregg Drilling / Geoprobe	Logged By: C. Mahaney		
Sampling Method: Cont. Core	Monitoring Device: PID	Comments:	
Start Date/ Time: 1-20-06 / 800	Finish Date/ Time: 1-20-06 / 920		
First Water (BGS): NA	Stabilized Water Level (BGS): 16'		

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
840		0	0		Concrete - Building floor slab	
			1		Bedrock gravel (GP); 3" Diam.	
			2			
		0	3		Gravelly Silty Sand (SM) - Fill	
			4			
850		0	5		Silty Clay (CL); Dk. yel. Brn (10YR-4/4); Hard; moist; mod. plast; (0,0,20,80)	
			6			
			7			
			8			
			9			
100		0	10			
			11			
			12			
		0	13		Gravelly Silty Sand with Clay (SM); Dk. yel. Brn (10YR-3/6); Sand is fine grained; Dense; moist; (15,50,25,10)	
			14			
			15			
			16			
10		0	17		Clay with Silt (CL); Lt. yel. Brn (2.5Y-6/3); Firm; moist; mod. plast.; (0,0,10,90)	
			18			
			19			
			20			
		0	21		Sandy Silt with clay (ML); Olive (5Y-5/3) Firm; moist; mod. plast; (0,35,55,10)	
20		0	22			
			23			
			24			

6 inch

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3741 Broadway, Oakland

Project No.: 0507.50238.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Melamed

Log of Boring

Page of

SB-45

Sampling Method: Cont. Core

Monitoring Device: PID

Comments:

Start Date/ Time: 1-20-06 / 1320

Finish Date/ Time: 1-20-06 / 1355

First Water (BGS): NA

Stabilized Water Level (BGS): NA

Surface Elevation:

Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
N/A		0	0	XXX	concrete slab floor
			1	ooo ooo	Baserock gravel
			2		Silty Clay (CL); DK. yel. Brn (10YR-4/4)
			3		Hard; moist; mod. plast; (0,0,20,80)
			4		
40		0	5	X	Silty Clay (CL); Black (5Y-2.5/1) - AA
			6		
			7		
			8		
			9		
45		0	10	X	
			11		
			12		
			13		Clay with silt (CL); Lt. Olive Brn (2.5Y-5/3);
350		0	14	X	Hard; moist; mod. plast; (0,0,10,90)
			15		
			16		
			17		
			18		AA
55		0	19	X	
			20		

Boring Abandonment/ Well Construction Details

grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland			Log of Boring: SB-46 Page of
Boring Location: 3741 Broadway, Oakland		Project No.: 0507.50738.00	
Subcontractor and Equipment: Gregg Drilling / Geoprobe		Logged By: C. Melagren	
Sampling Method: Cont. Core	Monitoring Device: PID		Comments:
Start Date/ Time: 1-20-06 / 950	Finish Date/ Time: 1-20-06 / 1030		
First Water (BGS): NA	Stabilized Water Level (BGS): —		

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
700			0		concrete building floor slab	
24		0	1		Gravelly Sand - fill	
			2			
			3			
			4		Silty Clay (CL); V. dk. grayish Brn (10YR 3/2);	
			5		Firm; dry; mod. plast.; (0,0,30,70)	
NR			6			
			7			
705		0	8		AA - red FeOx along rootlets	
			9			
10		0	10		AA	
			11			
		0	12		AA - no FeOx	
			13		Gravelly Silty Sand with clay (SM); dk. grayish gray (5BY 4/1); Sand is F-m grained, well Dense; moist; possible paint odor and staining (15,50,25,10)	
		0	14			
20		0	15			
			16		Clay with Silt (CL); Lt. yel. Brn (2.5Y 6/3); Firm; moist; mod. plast.; (0,0,10,90)	
30		0	17			
			18			
			19			
			20		Geoprobe refusal @ 20'	
						9 OUT

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3741 Broadway, Oakland

Project No.: 050T.50228.00

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Logged By: C. Mahurin

Log of Boring: SB-48

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Sampling Method: Cont. Core

Monitoring Device: PID

Comments:

Start Date/ Time: 1-20-06 / 1215

Finish Date/ Time: 1-20-06 / 1245

First Water (BGS): N A

Stabilized Water Level (BGS): N A

Surface Elevation:

Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
N A		0	0	XXX	Concrete Slab floor
			1	000	Bedrock
			2		Clayey Silt (ML): DK. yel. Brn (10YR-4/4); Hard; Dry; mod. plasti; (0, 0, 80, 20)
1220		0	4		
			5		
			6		
			7		
			8		Silty Clay (CL): Black (5Y-2.5/1); Hard; Dry; mod. plasti; (0, 0, 30, 70)
			9		Gravelly Silty Sand with clay (SM): DK. yel. Brn (10YR-4/4); Sand is F-M grained; Dense; moist; (15, 50, 25, 10)
1235		0	10		
			11		Clay with Silt (CL): Lt. yel. Brn (2.5Y-6/3); Firm; moist; mod. plasti; (0, 0, 10, 90)
			12		
			13		
			14		
			15		Gravelly Silty Sand with clay (SM); Olive (5Y-5/3); Sand is F-M grained; Dense; moist; (20, 50, 25, 5)
1240		0	16		
1245		0	17		Clay with Silt (CL) - AA
			18		
			19		
			20		

Boring Abandonment/ Well Construction Details: grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland			Log of Boring: Page of
Boring Location: 3741 Broadway, Oakland		Project No.:	
Subcontractor and Equipment: Gregg Drilling / Geoprobe		Logged By :	SB-49
Sampling Method: Cont. Core		Monitoring Device:	Comments :
Start Date/ Time: 1-20-06 / 1120		Finish Date/ Time: 1-20-06 / 1200	
First Water (BGS) : NA		Stabilized Water Level (BGS) : NA	

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	Surface Elevation: / Casing Top Elevation: LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
1 A		0	0		Concrete slab floor	
			1		Bistrock gravel	
			2		Sandy Silt with clay and gravel (ML); Lt. yel. Brn (2.5Y-6/4); Sand is F. grained; Firm; moist; mod. plast.; (0,30,60,10)	
140		0	3			
			4			
			5			
			6			
			7		Silty Clay (CL); Black (5Y-2.5/1); Firm; Dry; mod. plast.; (0,0,30,70)	
			8			
			9			
			10			
200		0	11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

Grout

SEACOR

Reviewed by: _____ Date: _____

Project: Kaiser - Oakland

Boring Location: 3741 Broadway Oakland

Subcontractor and Equipment: Gregg Drilling / Geoprobe

Sampling Method: Cont. Core

Start Date/ Time: 1-20-06 / 1230

First Water (BGS): ~ 18.3'

Project No.: 8507.50738.00

Logged By: C. Melbourn

Monitoring Device: PID

Finish Date/ Time: 1-20-06 / 1320

Stabilized Water Level (BGS): NA

Log of Boring: SB-50 Page of

Comments:

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
			0	XXX	Concrete slab floor
			1	ooo	Bedrock
4 A		0	2		Sandy Silt with clay (ML); Lt. yel. Brn (2.5Y-6/4); Sand is F. grained; Firm; moist; mod. plastic; (0, 30, 60, 10)
			3		
			4		
60		0	5	X	Silty Clay (CL); Black (5Y-2.5/1); Firm; dry; mod. plastic; (0, 0, 30, 70)
			6		
			7		
		0	8		AA
			9		
			10		
			11		
110		0	12	X	
			13		Clay with silt (CL); Lt. Olive Brn (2.5Y-5/3); Firm; moist; mod. plastic; (0, 0, 10, 90)
115		0	14	X	
			15		
			16		
			17		
320	▽	0	18	X	
			19		Sandy Silt with clay (ML); Olive (5Y-5/3); Firm; moist to wet; low plastic; (0, 45, 50, 5)
			20		

Boring Abandonment/ Well Construction Details: 9/10 X

SEACOR

Reviewed by: _____ Date: _____

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-3
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	23-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt with fill-sand/gravel.	1.0	
				5	MH		**Clayey SILT with sand** : Brown; moist; 70% silt, 20% clay, 10% sand; high estimated plasticity, low estimated permeability.	8.0	
				10	ML		**Clayey SILT with sand** : Tan; moderatly stilff; damp; 60% silt, 30% clay, 10% sand; low estimated plasticity; very low estimated permeability.		◄ Portland Type I/II Cement
				15				17.0	
					SM		**Sand SILT** : Olive green; moderatly stilff; moist; 60% silt, 20% clay, 20% sand; low estimated plasticity; low estimated permeability.	19.0	
		CSB-3 -S-19.5		20	ML		**Clayey SILT with sand** : Olive brown; stilff; moist; 70% silt, 30% clay; low estimated plasticity; very low estimated permeability.		
8		CSB-3 -S-22						22.0	Bottom of Boring @ 22 fbg

WELL LOG (PID) I:\9-1026-1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-4
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	22-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	17.0 fbgNA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

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	
					CL		**Silty CLAY** : Olive brown; dry; 60% clay, 30% silt, 10% sand; high estimated plasticity; low estimated permeability.	3.0	
				5	SM		**Sandy SILT** : Olive brown; dry; 60% silt, 25% sand, 15% clay; high estimated plasticity; moderate estimated permeability.	8.0	
53				10	ML		**Clayey SILT with trace sand** : Tan; very stiff; dry; 65% silt, 30% clay, 5% sand; medium estimated plasticity; low estimated permeability.		Portland Type I/II Cement
247				15				▽ 17.0	
					SM		**SAND with silt** : Gray; loose; wet; 75% sand, 25% silt; no plasticity; high estimated permeability.	18.0	
					ML		**Clayey SILT with trace sand** : Tan; very stiff; dry; 65% silt, 30% clay, 5% sand; medium estimated plasticity; low estimated permeability.		
455		CSB-4 -S-20.5		20	SP			20.5	
							SAND with silt : Gray; loose; wet; 75% sand, 25% clay; no plasticity; high estimated permeability.	21.0	
17		CSB-4 -S-23			ML		**Clayey SILT with trace sand** : Tan with mottled staining; very stiff; dry; 65% silt, 35% clay; low estimated plasticity; low estimated permeability.		
		CSB-4 -S-24.5						24.5	Bottom of Boring @ 24.5 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-5
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	22-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and fill sand/gravel.	1.0	
				5	ML		**Clayey SILT** : Grey-green; dry; very stiff; 70% silt, 30% clay; high estimated plasticity; low estimated permeability.		
				10			**Clayey SILT** : Tan; dry; 60% silt, 40% clay; very low estimated plasticity; low estimated permeability.		Portland Type I/II Cement
489				15	CL		**Silty CLAY** : Light olive; very stiff; dry; 60% clay, 40% silt; very low estimated plasticity; very low estimated permeability.	15.0	
674							**Clayey SILT** : Green; very stiff; dry; 60% silt, 40% clay; very low estimated plasticity; low estimated permeability.	16.0	
503					ML				
83		CSB-5 -S-20		20			Change in color to tan.		
0		CSB-5 -S-22 CSB-5 -S-22.5						22.5	Bottom of Boring @ 22.5 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-6
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	22-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Geinin	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and graveley sand with silt.	1.0	
							Pea GRAVEL : 90% gravel, 10% sand.		
				5					
					GP				
				10					
									◄ Portland Type I/II Cement
				15					
								18.0	
					SM		**Sandy clayey SILT** : Dark gray; wet; soft; 50% silt, 25% clay, 25% sand; low estimated plasticity; moderate estimated permeability.		
		CSB-6 -S-20		20				20.0	
0					ML		**SILT** : Dark gray-green; stiff; moist; 65% silt, 35% clay; low estimated plasticity; low estimated permeability.		
		CSB-6 -S-22						22.0	Bottom of Boring @ 22 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-7
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	23-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin and C Evans	**DEPTH TO WATER (First Encountered)**	19.0 fbgNA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and fill sand-gravel.	1.0	
					GM		**Graveley SILT** : Dark brown; dry; 65% silt, 25% gravel, 10% sand; low plasticity; high estimated permeability.	4.0	
				5	ML		**Sandy SILT with clay** : Brown, moist, 70% silt, 20% sand, 10% clay; medium estimated plasticity; moderate estimated permeability.	7.0	
					GM		**Silty Sandy GRAVEL** : Light brown; dry; 50% gravel, 30% silt, 20% sand; high estimated plasticity; moderate estimated permeability.	9.0	
				10	CL		**CLAY** : Dark gray; hard; dry; 60% clay, 40% silt; medium estimated plasticity; low estimated permeability.		Portland Type I/II Cement
					ML		Brick **Clayey SILT** : Tan; very stiff; dry; 60% silt, 35% clay, 5% sand; low estimated plasticity; low estimated permeability.	12.0	
				15				16.0	
90					CL		**Silty CLAY** : Green; stiff; damp; 60% clay, 40% silt; medium estimated plasticity; low estimated permeability.	18.5	
90					SM		**Silty SAND** : Green; fine grained; loose; wet; 60% sand, 40% silt; no plasticity; high estimated permeability. ▽	19.3	
29		CSB-6 -S-20		20	CL		**Silty CLAY** : Green; stiff; damp; 60% clay, 40% silt; medium estimated plasticity; low estimated permeability.		
0		CSB-6 -S-22						22.0	Bottom of Boring @ 22 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-8
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	22-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans and L Genin	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and fill.	1.0	
					GW		**GRAVEL with sand** : Well graded 0.5-2 cm clasts; dark red-brown; loose; dry; 60% gravel, 30% sand, 10% silt; no plasticity; high estimated permeability.	2.5	
					CL		**CLAY with sand** : Dark gray; stiff; damp; 60% clay, 35% silt, 5% sand; low estimated plasticity; low estimated permeability.	4.5	
				5	GM		**Silty SAND with cobbles** : Dark gray; stiff; 40% gravel, 30% sand, 20% silt, 10% clay.	7.5	
					SM		**SAND** : Medium grained; olive green/dark gray; 60% sand, 30% silt, 10% clay.	12.0	Portland Type I/II Cement
				10	MH		**Clayey SILT** : Olive green-brown; damp; 60% silt, 30% clay, 10% sand; high estimated plasticity; low estimated permeability.		
				15			**Clayey SILT with sand** : Fine grained clasts as sand; olive green/dark grey; stiff; damp; 60% silt, 35% clay, 5% sand; high estimated plasticity; low-moderate estimated permeability.	19.5	
132		CSB-8 -S-20		20	SM		**Silty fine grained SAND** : Dark green; loose; wet; 75% sand, 20% silt, 5% clay; high estimated permeability.	20.0	
		CSB-8 -S-21.5			ML		**Sandy SILT** : Olive green; dense; moist; 50% silt, 25% sand, 25% clay; medium estimated plasticity; low to moderate estimated permeability.		
18		CSB-8 -S-23						24.0	Bottom of Boring @ 24 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-9
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	27-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	5.0 fbgNA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete	1.0	
					SP		**Fine grained SAND** : Dark brown; loose; moist; 100% sand; high estimated permeability.		
				5			▽	5.0	
0					CL		**CLAY with sand** : Dark green; wet; 70% clay, 20% silt, 10% sand; low estimated plasticity; low estimated permeability.	8.0	
					SM		**Silty SAND with clay** : Very dark brown; wet; loose; 60% sand, 30% silt, 10% clay; high estimated permeability.		
				10				11.0	
					ML		**SILT with sand** : Dark green; very stiff; damp; 70% silt, 10% sand, 10% clay; low estimated plasticity; low estimated permeability.		◄ Portland Type I/II Cement
							Staining		
				15				16.0	
					CL		**Silty CLAY** : Dark green; hard; damp; 65% clay, 30% silt, 5% sand; low estimated plasticity; very low estimated permeability.		
				20				20.0	
32		CSB-9 -S-21			SM		**Silty SAND** : Dark green; soft; moist; 50% sand, 50% silt; moderate estimated permeability.	21.5	
		CSB-9 -S-23			ML		**Clayey SILT** : Tan; hard; damp; 60% silt, 40% clay; low estimated plasticity; very low estimated permeability.	24.0	Bottom of Boring @ 24 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-10
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	24-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Geinin	**DEPTH TO WATER (First Encountered)**	4.0 fbgNA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
					Asphalt	0.5
				GC	**Sandy GRAVEL** : Light brown; dry; 85% gravel, 15% sand; high estimated permeability.	3.0
			5	CL	**Gravelyey CLAY with silt** : Greenish gray; wet; 75% clay, 15% gravel, 10% silt; medium to high estimated plasticity; low estimated permeability. ▽	8.0
				SP	**Fine grained SAND** : Olive green; loose; wet; 100% sand; high estimated permeability.	9.0
				GC	**Clayey GRAVEL with sand and silt** : Olive green; dense; moist; 40% gravel, 40% clay 10% sand 10% silt; moderate estimated plasticity; low estimated permeability.	10.0
148			10	CL	**Silty CLAY** : Olive green; hard; damp; 60% clay, 40% silt; medium estimated plasticity; low estimated permeability.	12.5
				ML	**Clayey SILT** : Olive green; hard; damp; 55% silt, 40% clay, 5% sand; low estimated plasticity; low estimated permeability.	18.0
238			15			
186		CSB-1 0-S-19		CL	**Silty CLAY** : Tan to olive green; stiff; moist; 50% clay, 45% silt, 5% sand; medium estimated plasticity; low estimated permeability.	20.5
			20	SP	**Fine grained SAND** : Olive green; loose; wet; 85% sand, 15% silt; high estimated permeability.	21.0
		CSB-1 0-S-22		ML	**Clayey SILT** : Brown; stiff; moist; 65% silt, 30% clay, 5% sand; low estimated plasticity; low estimated permeability.	22.0

WELL DIAGRAM: ◄ Portland Type I/II Cement

Bottom of Boring @ 22 fbg

WELL LOG (PID) I:\9-1026-1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-11
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	23-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	8.0 fbgNA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

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	
					SP		**Fine grained SAND** : Light olive green; loose; moist; 100% sand; high estimated permability.		
				5				5.0	
					GC		**Sandy clayey GRAVEL** : Dark olive green; stiff; damp; 50% gravel, 35% sand, 15% silt, 10% clay; low estimated plasticity; moderate to high estimated permeability.		
							▽	8.0	
					GW		**GRAVEL** : Dard gray-green; loose; wet; 40% gravel, 20% sand, 20% silt, 20% clay; high estimated permeability.		
				10				10.0	
					ML		**Clayey SILT** : Tan; damp; very stiff; 60% silt, 35% clay, 5% sand; low estimated plasticity; low estimated permeability. Color change to dark gray-green.		Portland Type I/II Cement
				15				16.0	
					SM		**Sand SILT** : Dark gray-green; moist; dense; 40% silt, 40% sand, 20% clay; very low estimated plasticity; moderate estimated permeability.	18.0	
					CL		**Silty CLAY** : Dark gray; damp; very stiff; 50% clay, 50% silt; medium estimated plasticity; very low estimated permeability.	19.0	
		CSB-1 1-S-20		20	SM		**Silty SAND** : Green; wet; loose; 60% sand, 30% silt, 10% clay; high estimated permeability.	21.0	
		CSB-1 1-S-22			ML		**Clayey SILT** : Tan; damp; very stiff; 60% silt, 30% clay, 10% sand; low estimated plasticity; very low estimated permeability.	22.0	Bottom of Boring @ 22 fbg

WELL LOG (PID) I:\9-1026-1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-12
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	23-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

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	
					ML		**Clayey SILT** : Black; damp; 65% silt, 35% clay; high estimated plasticity; low estimated permeability.		
				5					
								8.0	
0					CL		**Silty CLAY** : Black; moist; 55% clay, 40% silt, 5% sand; high estimated plasticity; low to moderate estimated permeabilty.	9.0	
				10			**Clayey SILT** : Upper contact gradational; black; damp; 48% clay, 48% silt 4% sand; medium estimated plasticity; low estimated permeability.		◄ Portland Type I/II Cement
0					ML				
				15					
7								18.0	
0		CSB-1 2-S-20		20	CL		**CLAY** : Upper contact gradational; olive green; stiff; damp; 70% silt, 30% clay; medium to high estimated plasticity; low estimated permeability.	20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\9-1026-1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-13
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	24-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete and rebar.	1.0	
					GM		**Graveley SILT** : Dark brown; loose, soft; moist; 35% silt, 25% gravel, 20% sand, 20% clay; low-medium estimated plasticity; low to moderatea estimated permeability.	4.0	
0		CSB-1 3-S-5		5	SM		**Clayey SILT with sand** : Dark brown; soft; moist; 55% silt, 35% clay, 10% sand; high estimated plasticity; low estimated permeability.		◄ Portland Type I/II Cement
				10					
							Silty CLAY : Very dark brown; moist; 95% silt, 5% clay.	12.5	
		CSB-1 3-S-14			ML				
				15	GW		**Sandy GRAVEL** : Dark brown; wet; 40% gravel, 40% sand, 15% silt, 5% clay; high estimated permeability.	15.0 15.5	
					ML		**Clayey SILT** : Olive green; very stiff; moist; 75% silt, 25% clay; high estimated plasticity; low estimated permeability.		
0		CSB-1 3-S-17.5						17.5	
		CSB-1 3-S-18			MH		**Sandy SILT with clay** : Olive green; soft; moist; 60% silt, 35%, sand, 5% clay; moderate estimated permeability; low estimated plasticity.	18.0	Bottom of Boring @ 18 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-14
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	23-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

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	
					SP		**Fine grained SAND** : Light olive green; loose; damp; 100% sand; high estimated permeability. At 2.5' moist.		
				5				5.5	
					CL		**Sandy CLAY with gravel** : Olive brown; soft; moist; 60% clay, 20% silt, 10% sand, 10% gravel; medium estimated plasticity; low estimated permeability.	8.0	
				10	GW		**GRAVEL with silt and clay** : Gray; loose; wet; 70% gravel 0.5-2cm angular clasts, 10% coarse grained sand, 10% silt, 10% clay; high estimated permeability.		Portland Type I/II Cement
				15				18.0	
594		CSB-1 4-S-20		20	ML		**Clayey SILT with sand** : Olive green; very stiff; damp; 60% silt, 30% clay, 10% fine grained sand; low estimated plasticity; very low estimated permeability.		
		CSB-1 4-S-22.5					Change in color to tan.	24.0	Bottom of Boring @ 24 fbg

WELL LOG (PID) I:\9-1026~1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-16
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	24-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete	0.5	
		CSB-1 6-S-3		5	ML		**Clayey SILT** : Brown; dry; 70% silt, 30% clay; medium estimated plasticity; moderate to low estimaed permeability.		
		CSB-1 6-S-9		10	GC		**Sandy GRAVELwith silt and clay** : Brick fragments; light brown; dry; 40% gravel, 30% sand, 15% silt, 15% clay; high estimated permeability.	8.0	Portland Type I/II Cement
		CSB-1 6-S-14		15	ML		**Clayey SILT** : Light olive brown; hard; dry; 60% silt, 40% clay; low estimated plasticity; very low estimaed permeability.	14.0	
		CSB-1 6-S-15			CL		**Silty CLAY** : Light brown; stiff; damp; 60% clay, 40% silt; medium estimated plasticity; low estimated permeability.	18.0 18.5	Bottom of Boring @ 18.5 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-17
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	24-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete	0.5	
					SM		**Silty SAND** : Light brown; dry; 70% sand, 30% silt; low estimated permeability.	2.0	
		CSB-17-S-3					**Clayey SILT** : Black; stiff; dry; 70% silt, 20% clay, 10% sand; medium estimated plasticity; low estimated permeability.		
				5	ML				
		CSB-17-S-6						8.0	
							Silty CLAY : Black; soft; moist; 60% clay, 40% silt; high estimated plasticity; low estimated permeability.		
				10	CL				◄ Portland Type I/II Cement
		CSB-17-S-11.5						12.0	
		CSB-17-S-13					**Clayey SILT** : Olive brown with green mottling; hard; dry; 60% silt, 40% clay; low estimated plasticity; low estimated permeability.		
				15	ML				
		CSB-17-S-16						18.0	
					CL		**Silty CLAY** : Olive green; stiff; moist; 50% clay, 50% silt; medium estimated plasticity; low estimated permeability.	20.0	
				20	SW		**SAND** : Fine to medium grained; brown; loose; wet; 80% sand, 20% silt; high estimated permeability.	21.0	Bottom of Boring @ 21 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-18
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	23-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete	0.5	
		CSB-1 8-S-3			ML		**SILT with clay** : Dark brown; dry; 70% silt, 10% clay, 10% sand, 10% gravel; high estimated plasticity; low estimated permeability.		
		CSB-1 8-S-6		5					
		CSB-1 8-S-9		10	CL		**Silty CLAY** : Black; soft; damp; 60% clay, 40% silt; high to medium estimated plasticity; low estimated permeability.	8.0	◄ Portland Type I/II Cement
		CSB-1 8-S-13							
		CSB-1 8-S-15		15			Change in color to grey.		
		CSB-1 8-S-16							
		CSB-1 8-S-19		20				20.5	Bottom of Boring @ 20.5 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-19
JOB/SITE NAME	9-1026	**DRILLING STARTED**	24-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	24-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

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	
					SW		**Graveley SAND** : Light olive green; dry; 85% sand, 15% gravel; high estimated permeability.	2.0	
					ML		**Clayey SILT** : Brown; moist; 75% silt, 25% clay; medium estimated plasticity; moderate to low estimated permeability.	3.0	
					SM		**Silty SAND** : Light brown; dry; 60% sand 40% silt; low estimated plasticity; moderate to high estimated permeability.	4.0	
		CSB-1 9-S-5		5	ML		**Clayey SILT with sand** : Dark brown; damp; 75% silt, 10% sand, 10% gravel, 5% clay; medium estimated plasticity; low estimated permeability.		
							At 7' Silt with gravel and sand; 75% silt, 10% sand, 10% silt, 5% clay; medium estimated plasticity; moderate estimated permeability.	8.0	Portland Type I/II Cement
					SP		**SAND** : Dark brown; loose; moist; 50% sand, 30% gravel, 20% silt; high estimated permeability.	9.0	
					CL		**CLAY** : Dark Brown; soft; moist; 50% clay, 45% silt, 5% sand; high estimated plasticity; low to moderate estimated permeability.	10.0	
		CSB-1 9-S-11		10	GW		**Sandy GRAVEL** : Dard brown; loose; moist; 50% gravel, 40% sand, 10% silt; high estimated permeability.	12.0	
							Clayey SILT : Dark brown; hard; damp; 65% silt, 35% clay; low estimated plasticity; low estimated permeability.		
		CSB-1 9-S-14			ML				
				15				16.5	Bottom of Boring @ 16.5 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-20
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	20-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

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	
					SW		**SAND with gravel** : Dark gray-green; moist; 50% medium to fine grained sand, 30% silt, 15% coarse gravel, 5% clay; moderate estimated permeability.		
		CSB-2 0-S-5		5					
		CSB-2 0-S-12		10					Portland Type I/II Cement
		CSB-2 0-S-13.5			ML		**Clayey SILT** : Brown; 70% silt, 30% clay; medium estimated plasticity; low estimated permeability.	13.0	
		CSB-2 0-S-15		15	CL		**Silty CLAY** : Brown; stiff; 60% clay, 40% silt; moderate estimated plasticity; low estimated permeability. Blue staining to 20'	15.0	
					ML		**Sandy SILT with gravel** : Black; moist; 40% silt, 30% sand, 20% gravel, 10% clay; moderate to high permeability.	16.0	
		CSB-2 0-S-20		20	MH		**Clayey SILT** : Brown; soft; moist; 70% silt, 30% clay; moderate estimated plasticity; low estimated permeability.	18.0	
		CSB-2 0-S-22							
		CSB-2 0-S-23						24.0	Bottom of Boring @ 24 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	CSB-22
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	20-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
		CSB-2 2-S-5		5	SW		**Medium grained SAND** : Brown; moist; 100% sand; high estimated permeability.	6.0	
		CSB-2 2-S-10		10	GP		**GRAVEL** : Dark gray-green; moist to wet; 75% gravel, 15% sand, 10% silt; high estimated permeability.		◄ Portland Type I/II Cement
		CSB-2 2-S-15		15	MH		**Clayey SILT** : Olive green; wet; 85% silt, 15% clay; low to medium plasticity; low permeability.	14.0 15.0	
					GP		**GRAVEL** : Dark gray-green; moist to wet; 75% gravel, 15% sand, 10% silt; high estimated permeability.	18.0	
		CSB-2 2-S-20		20	ML		**Clayey SILT** : Brown/green with staining; moist; 85% silt; 15% clay; medium estimated plasticity; low estimated permeability.	24.0	Bottom of Boring @ 24 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWE-1
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	28-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and fill.	1.0	
					ML		**SILT** : Light brown; dry; 80% silt, 10% clay, 10% silt; high estimated plasticity; low estimated permeability.	4.0	
		SWE-1 -S-5		5	SM		**Silty SAND** : Light brown; dry; 55% sand, 40% silt, 5% clay; low estimated plasticity; moderate estimated permeability.	9.0	
		SWE-1 -S-10		10	MH		**Clayey SILT** : Light brown and black streaks with slight green staining; stiff; damp; 75% silt, 20% clay, 5% sand; high estimated plasticity; low estimated permeability.		◄ Portland Type I/II Cement
		SWE-1 -S-15		15			Green staining		
		SWE-1 -S-20		20				20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWE-2
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	28-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and baserock	1.0	
					ML		**Sandy Clayey SILT** : Light brown; stiff; dry; 50% silt, 30% sand, 20% clay; low estimated plasticity; very low estimated permeability.	3.0	
		SWE-2 -S-5		5	SM		**Silty SAND** : Light brown; loose; damp; 60% sand, 35% silt, 5% clay; moderate estimated permeability.	8.0	
		SWE-2 -S-10		10	ML		**Clayey SILT with sand** : Brown; very stiff; dry; 50% silt, 30% clay, 20% sand; high estimated plasticity; low estimated permeability.		◄ Portland Type I/II Cement
		SWE-2 -S-15		15					
		SWE-2 -S-20		20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID): I:\9-1026~1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWE-3
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	28-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete with rebar and fill.	1.0	
					SP		**Silty SAND** : Light brown; dry; 60% sand, 30% silt, 10% clay; medium estimated plasticity; high estimated permeability.	2.0	
					SW		**SAND** : Light brown; dry; 85% fine sand, 10% silt, 5% clay; high estimated permeability.	3.0	
		SWE-3 -S-5		5	SP		**Silty SAND** : Light brown; dry; 60% sand, 30% silt, 10% clay; medium estimated plasticity; high estimated permeability.		
								8.0	
0		SWE-3 -S-10		10			**Sandy SILT** : Brown; stiff; damp; 65% silt, 25% sand, 10% clay; high estimated plasticity; low estimated permeability.		◄ Portland Type I/II Cement
					MH		45% silt, 30% clay, 15% gravel, 10% sand.		
78		SWE-3 -S-15		15			Green staining; very stiff; 70% silt, 30% clay.		
17		SWE-3 -S-20		20			Olive green; 90% silt, 10% clay.	20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWE-4/ CSB-1
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	22-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and fill	1.0	
					SM		**Silty SAND with clay** : Light brown; dry; 60% sand, 30% silt, 10% clay; medium to low estimated plasticity; moderate estimated permeability.		
		SWE-4 -S-5 COMP- 1		5				7.0	
					ML		**Clayey SILT with sand** : Brown; very stiff; dry; 60% silt, 35% clay, 5% sand; low estimated plasticity; very low estimated permeability.	9.0	
		SWE-4 -S-10 COMP- 1		10	SC		**Clayey SAND with silt** : Brown; very stiff; dry; 60% silt, 20% clay, 20% sand; very low estimated plasticity; very low estimated permeability.	11.0	◄ Portland Type I/II Cement
					ML		**Clayey SILT with sand** : Brown; very stiff; dry; 65% silt, 30% clay, 5% sand; low estimated plasticity; low estimated permeability.		
584 114		COMP- 13 SWE-4 -S-16		15				16.0	
					SM		**Silty SAND with clay** : Tan with gray staining; moderatly stiff; moist; 50% silt, 30% clay, 20% fine grained sand; medium estimated plasticity; low estimated permeability.		
43		CSB-1 -S-19.5 SWE-4 -S-20		20				20.0	
					ML		**Clayey SILT** : Green; hard; dry; 70% silt, 30% clay; low estimated permeability.		
19		CSB-1 -S-22						22.0	Bottom of Boring @ 22 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWE-5
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	28-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and fill.	1.0	
							Silty SAND : Light brown; dry; 60% sand, 20% silt, 20% clay; high estimated plasticity; moderate estimated permeability.		
		SWE-5 -S-5		5	SM				
								9.0	
		SWE-5 -S-10		10	ML		**Clayey SILT with sand** : Brown; very stiff; dry; 70% silt, 20% clay, 10% sand; high estimated plasticity; low estimated permeability.		◄ Portland Type I/II Cement
								12.0	
					MH		**: Sandy SILT with gravel** : Brown; dry; 50% silt, 20% sand, 20% clay, 10% gravel; medium estimated permeability.		
		SWE-5 -S-15		15				15.0	
					ML		**Clayey SILT with sand** : Brown; very stiff; dry; 70% silt, 20% clay, 10% sand; high estimated plasticity; low estimated permeability. Green staining; moist.		
		SWE-5 -S-20		20				20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWS-1
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	21-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

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	
							SAND and GRAVEL Fill	1.0	
					SM		**Clayey SILT:** Dark Brown to Black: 55% Silt, 40% Clay, 5% Sand. Stiff, Dry, High Plasticity, Low Permeability.	3.0	
					ML		**SILT** : Olive-Green; 80% silt, 10% clay, 10% sand; moist; moderate estimated plasticity; moderate estimated permeability.	4.0	
		SWS-1 -S-5		5	CL ML SP		**Silty CLAY** : Olive-green; 60% clay, 35% silt, 5% sand; very stiff; dry; high estimated plasticity; low estimated permeability.	5.0 6.0	
					CL		**SAND** : Light-brown; 65% sand, 20% silt, 10% clay, 5% gravel; moist; moderate estimated plasticity, moderate estimated permeability.	7.0	
							CLAY : Light brown; 75% clay, 20% silt, 5% sand; dry; high estimated plasticity; low estimated permeability.		
		SWS-1 -S-10		10	SM		**Sandy Silt** : Light brown; 60% silt, 30% fine-grained sand; 10% clay; hard; dry; very low permeability.		◄ Portland Type I/II Cement
							SILT : Brown; 65% sand, 20% silt, 10% clay, 5% gravel; hard; dry; low plasticity; very low permeability.	13.0	
		SWS-1 -S-15		15	ML		Olive green		
		SWS-1 -S-20		20				20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWS-2
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	28-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt	1.0	
							Fill	2.0	
					ML		**SILT** : Dark olive-green; 90% silt, 10% sand; moist; moderate estimated plasticity; moderate estimaed permeability.	4.0	
		SWS-2 -S-5		5	SP SM		**Silty SAND** : Brown; 60% silt, 35% sand, 5% clay; moist; low estimated plasticity; high estimated permeability.	7.0	
					GM		**Gravelly SAND** : Olive-green; 60% sand, 40% gravel; moist; low estimated plasticity, high estimated permeability.	9.0	
0		SWS-2 -S-10		10	SW SC		**Clayey SAND** : Dark brown; 65% sand, 15% clay, 10% silt, 10% gravel; moist; low estimated plasticity; high estimated permeability.	12.0	◄ Portland Type I/II Cement
					ML		**Clayey SILT** : Light brown to olive green; 70 % silt, 30% clay; moist; high estimated plasticity; low estemated permeability.	14.0	
98		SWS-2 -S-15		15	SW SM		**Silty SAND** : Light brown to olive green; 45% sand, 40% silt, 15% cla;y moist; moderate estimated plasticity, moderate estimated permeability.	17.0	
					ML		**Clayey SILT** : Light brown to olive green; 75% silt, 25% clay; moist; high estimated plasticity, low estimated permeability.	19.0	
		SWS-2 -S-20		20	MH		**SILT** : Light brown to olive green; 90% silt, 10% clay; moist; moderate estimated plasticity, moderate estimated permeability.	20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWS-3
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	23-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

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	
							SAND and GRAVEL fill	1.0	
							SILT : Dark brown; 90% silt, 5% clay, 5% sand; high estimated plasticity; low estimated permeability.		
		SWS-3 -S-5		5	MH				
								9.0	
		SWS-3 -S-10		10			**Clayey SILT** : Olive green; 65% silt, 35% clay, 5% sand; dry; very stiff; low to moderate estimated plasticity; low estimated permeability.		Portland Type I/II Cement
					ML				
		SWS-3 -S-15		15					
								16.0	
					CL		**Silty CLAY** : Green; 50% clay, 50% silt; stiff; moist; moderate estimated plasticity; low estimated permeability.		
								18.0	
					ML		**Clayey SILT** : Green; 65% silt, 25% clay, 10%	18.5	
					SM		fine-grained sand; soft; moist; low estimate plasticity;	19.0	
					CL		moderate estimated permeability.		
		SWS-3 -S-20		20			**Silty SAND** : Green; 50% sand, 40% silt, 10% clay; loose; wet; high estimated permeability.	20.0	
							CLAY : Green; 60% clay, 40% silt; stiff; moist; moderate estimated plasticity; low estimated permeability.		Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWS-4
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	24-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L.Genin	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							6" concrete and 6" fill sand	1.0	
					SP		**SAND** : Fine Grained; dark gray-green; moist; 60% clay, 35% silt, 5% sand; high estimated plasticity; low estimated permeability.		
		SWS-4 -S-5		5	SM		**SAND** : Fine Grained; olive green; moist; 50% sand, 45% silt, 5% clay; low estimated plasticity; high estimated permeability.	5.0	
							CLAY : Dark brown; hard; damp; 60% clay, 35% silt, 5% sand; low estimated plasticity; low estimated permeability.	7.0	
		SWS-4 -S-10		10	CL				Portland Type I/II Cement
							SILT : Dark brown; hard; damp; 60% silt, 40% clay; low estimated plasticity; low estimated permeability.	14.0	
		SWS-4 -S-15		15	ML				
					SM		**Silty SAND** : Dark green; loose; wet; 50% sand, 30% silt, 10% clay; low estimated plasticity; high estimated permeability.	18.5	
					CL		**CLAY** : Dark green; stiff; moist; 55% clay, 45% silt; moderate estimated plasticity; low-moderate estimated permeability.	19.5	
		SWS-4 -S-20		20	SM		**Silty SAND** : Dark green; loose; wet; 50% sand, 30% silt, 10% clay; low estimated plasticity; high estimated permeability.	20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWS-5
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	24-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	L Genin	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt to gravelly sand with silt.	1.0	
							Clayey SILT : Olive brown; dry; 60% silt, 40% clay; high estimated plasticity; low estimated permeability.		
		SWS-5 -S-5		5	ML				
		SWS-5 -S-10		10			**Clayey SILT** : Brown; very stiff; dry; 70% silt, 30% clay; low estimated plasticity; low estimated permeability.		◄ Portland Type I/II Cement
							Light olive green.		
		SWS-5 -S-15		15	CL		**Silty CLAY** : Olive green; stiff; damp; 55% clay, 45% silt; moderate estimated plasticity; low estimated permeability.	15.0	
					ML		**Clayey SILT** : Tan with green; hard; dry; 60% silt, 40% clay; low estimated plasticity; low estimated permeability.	17.0	
					CL		**Silty CLAY** : Tan; stiff; moist; 60% clay, 40% silt; medium estimated plasticity; low estimated permeability.	18.0	
				20				20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWS-6
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	28-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and fill.	1.0	
					SP		**SAND** : Medium grained; damp; 85% sand, 10% silt, 5% clay; low estimated plasticity, high estimated permeability.	4.0	
		SWS-6 -S-5		5	SM		**Silty SAND** : Light brown; medium grained; 60% sand, 30% silt, 10% clay; medium estimated plasticity; moderate estimated permeability.	9.0	
		SWS-6 -S-10		10	CH		**Silty CLAY** : Light brown; very stiff; moist; 60% clay, 40% silt; high estimated plasticity; low estimated permeability.	13.0	◄ Portland Type I/II Cement
43		SWS-6 -S-15		15	ML		**Clayey SILT** : Olive green; moderate to soft; moist; 75% silt, 20% clay, 5% sand; high estimated plasticity; low estimated permeability	20.0	
		SWS-6 -S-20		20					Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWS-7
JOB/SITE NAME	9-1026	**DRILLING STARTED**	21-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	28-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt and fill.	1.0	
							Silty SAND : Light brown; dry; 60% sand, 30% silt, 10% clay; low estimated plasticity; moderate estimated permeability.		
		SWS-7 -S-5		5	SM				
								9.0	
		SWS-7 -S-10		10	MH		**Clayey SILT** : Light brown; soft; moist; 80% silt, 10% clay, 10% sand; high estimated plasticity; low estimated permeability.		Portland Type I/II Cement
								11.0	
					CH		**Silty CLAY** : Light brown; very stiff; moist; 60% clay, 40% silt; high estimated plasticity; low estimated permeability.		
								13.0	
					MH		**Clayey SILT** : Light brown; soft; moist; 50% silt, 30% clay, 20% sand; moderate estimated plasticity; moderate estimated permeability.	14.0	
		SWS-7 -S-15		15	CH		**Silty CLAY** : Light brown; moist; 60% clay, 40% silt; high estimated plasticity; low estimated permeability.	15.0	
					MH		**Clayey SILT** : Olive green; soft; moist; 90% silt, 10% clay; medium estimated plasticity; moderate estimated permeability; gradational contact; expansive clays.		
		SWS-7 -S-20		20				20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWW-1
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	21-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

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	
							Baserock	1.5	
					ML		**Clayey SILT** : Dark Reddish Brown; 65% Silt, 30% Clay, 5% Sand. Stiff, Dry, Low Plasticity, Low Permeability.		
							Clayey SILT: Black: 50% Silt, 45% Clay, 5% Sand. Stiff, Moist, Low Plasticity, Low to Moderate Permeability.		
		SWW-1 -S-5		5			**Clayey SILT:**Light Red-Brown with Green Mottling: 60% Silt, 30% Clay, 10% Fine-Grained Sand. Stiff, Damp, Low Plasticity, Low to Moderate Permeability.	6.0	
					SP		**Silty Clayey SAND:**Light Red-Brown: 60% Sand, 20% Clay, 20% Silt. Damp, Moderate Plasticity, Moderate Permeability.	8.0	
					ML		**Clayey SILT:**Dark Brown: 65% Silt, 25% Clay, 10% Fine-Grained Sand. Firm, Damp, Moderate Plasticity, Moderate Permeability.	9.0	
					SM		**Silty SAND:**Olive-Green: 55% Fine-Grained Sand, 35% Silt, 10% Clay. Firm, Dry, Moderate Plasticity, Moderate Permeability; Trace Gravel.	10.0	Portland Type I/II Cement
		SWW-1 -S-11		10			**Clayey SILT:**Olive-Green: 60% Silt, 40% Clay. Stiff, Dry, Low Plasticity, Low Permeability.		
							Clayey SILT: Olive-Green: 45% Silt, 45% Clay, 10% Sand. Very Stiff, Dry, Low Plasticity, Low Permeability.		
							Clayey SILT: Olive-Green: 50% Silt, 50% Clay. Stiff, Dry, Moderate Plasticity, Low Permeability.		
		SWW-1 -S-15		15	ML				
							Clayey SILT: Tan: 50% Silt, 50% Clay. Stiff, Dry, Moderate Plasticity, Low Permeability.		
		SWW-1 -S-20		20				20.0	Bottom of Boring @ 20 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWW-2
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	20-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							4" Asphalt	0.5	
					SW		**Gravelly SAND:** Light Brown: 90% Fine-Grained Sand, 10% Gravel. Dry, High Permeability.	2.0	
					SP		**SAND:** Light Olive-Green: 100% Fine-Grained Sand. Damp, High Permeability.		
		SWW-2 -S-5		5				6.0	
							Gravelly SILT: Dark Green-Brown: 45% Silt, 25% Gravel, 15% Sand, 15% Clay. Wet, Moderate Plasticity, High Permeability.		
				10					
		SWW-2 -S-12							◄ Portland Type I/II Cement
				15				15.0	
		SWW-2 -S-16			ML		**Clayey SILT:** Gray: 65% Silt, 35% Clay. Wet, Low Plasticity, Low Permeability.	17.5	
					CL		**Silty CLAY:** Gray: 50% Clay, 50% Silt. Stiff, Wet, Moderate Plasticity, Low Permeability.		
				20				21.0	
					SM		**Sandy SILT:** Gray: 50% Silt, 50% Fine-Grained Sand. Stiff, Wet, Moderate Permeability.	22.5	
		SWW-2 -S-23			ML		**SILT:** Tan: 75% Silt, 25% Clay. Stiff, Damp, Very Low Plasticity, Low Permeability.	23.0	Bottom of Boring @ 23 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWW-3
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	21-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

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	
							GRAVEL Fill	1.0	
					SP		**SAND** : Tan to Brown: 100% Very Clean Sand. Dry, Low Plasticity, High Permeability.		
		SWW-3 -S-5		5			**SAND** : Tan to brown; 100% very clean sand; moist; low plasticity; high permeability. **SAND with gravel:** Tan to Brown: 80% Very Clean Sand, 20% Gravel. Moist, Low Plasticity, High Permeability.	7.0	
					SM		**SAND:** Dark Brown to Red-Brown: 35% Silt, 30 % Sand, 20% Gravel, 15% Clay. Wet, Low Plasticity, High Permeability.		
67		SWW-3 -S-10		10				12.0	Portland Type I/II Cement
					ML		**Clayey SILT:** Gray-Green with Brown Mottling: 80% Very Clean Sand, 50% Silt, 45% Clay, 5% Sand. Very Stiff, Dry, Low Plasticity, Low Permeability.		
45		SWW-3 -S-15		15					
275		SWW-3 -S-20		20				20.0	
					SM		**Silty SAND:** Gray: 60% Fine-Grained Sand, 40% Silt. Loose, Wet, Medium Permeability.	22.0	
					ML		**Clayey SILT:** Tan: 60% Silt, 40% Clay. Stiff, Dry.	23.0	
		SWW-3 -S-24			SM		**Silty SAND:** Tan: 60% Fine-Grained Sand, 40% Silt. Dense, Moist, Low Permeability.	24.0	Bottom of Boring @ 24 fbg

WELL LOG (PID) I:\9-1026~1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME Chevron Environmental Managment Company
JOB/SITE NAME 9-1026
LOCATION 3701 Broadway, Oakland, CA
PROJECT NUMBER 31J-1959
DRILLER Woodward Drilling Co., C57 #710079
DRILLING METHOD Hydraulic push
BORING DIAMETER 3
LOGGED BY C Evans
REVIEWED BY B. Foss PG #7445
REMARKS

BORING/WELL NAME SWW-4
DRILLING STARTED 20-Jun-06
DRILLING COMPLETED 21-Jun-06
WELL DEVELOPMENT DATE (YIELD) NA
GROUND SURFACE ELEVATION Not Surveyed
SCREENED INTERVALS NA
DEPTH TO WATER (First Encountered) NA
DEPTH TO WATER (Static) NA

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete	1.0	
					ML		**Clayey SILT** : Very Dark Red-Brown: 60% Silt, 30% Clay, 10% Sand. Dry, Low Plasticity, Low Permeability.	4.0	
							Refusal @ 4 ft. Re-Drill Boring 5 ft East. Refusal on Re-Drill @ 4 ft.		Bottom of Boring @ 4 fbg

WELL LOG (PID) I:\9-1026-1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: 510-420-0700
Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Managment Company	**BORING/WELL NAME**	SWW-5
JOB/SITE NAME	9-1026	**DRILLING STARTED**	20-Jun-06
LOCATION	3701 Broadway, Oakland, CA	**DRILLING COMPLETED**	22-Jun-06
PROJECT NUMBER	31J-1959	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push		
BORING DIAMETER	3	**SCREENED INTERVALS**	NA
LOGGED BY	C Evans	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete	0.5	
							GRAVEL and SAND Fill	1.0	
							SILT with sand and gravel : Mottled Brown to Red-Brown: 50% Silt, 20% Sand, 20% Gravel, 10% Clay. Dry, High Plasticity, Moderate Permeability.		
		SWW-5 -S-5		5	ML		**SILT with sand and gravel** : Mottled Red/Tan/Dark Brown: 50% Silt, 25% Gravel, 15% Sand, 10% Clay. Moist.	8.0	
		SWW-5 -S-10		10			**Sandy SILT** : Dark Brown: 45% Silt, 40% Sand, 10% Clay. Soft, Moist, Moderate Plasticity, Moderate Permeability.		◄ Portland Type I/II Cement
634 3.6		SWW-5 -S-15		15	CL		**Silty CLAY with gravel** : Olive Green: 40% Clay, 40% Silt, 10% Sand, 10% Gravel. Very Stiff, Moist, Moderate to High Plasticity, Moderate Permeability.	12.0	
							Clayey SILT : Tan: 60% Silt, 30% Clay. Very Stiff, Dry, Low Plasticity, Low Permeability.	17.0	
		SWW-5 -S-20		20				20.0	Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\9-1026-1\GINT\9-1026 2006 INVESTIGATION.GPJ DEFAULT.GDT 1/23/07

APPENDIX C

LABORATORY REPORT FOR SAMPLE SB2

SEVERN TRENT STL

Submission #: 2004-01-0272

Gas/BTEXFuel Oxygenates by 8260B

SECOR- Lafayette
Attn.: Neil Doran

57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50113
Kaiser FHP

Received: 01/09/2004 17:10

Site: 3701-3757 Broadway, Oakland, CA

Prep(s): 5030B
Sample ID: **SB2-V**
Sampled: 01/08/2004 10:20
Matrix: Air

Test(s): 8260B
Lab ID: 2004-01-0272 - 41
Extracted: 1/10/2004 11:06
QC Batch#: 2004/01/10-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	98	50	ug/L	1.00	01/10/2004 11:06	
Surrogate(s)						
1,2-Dichloroethane-d4	90.9	76-114	%	1.00	01/10/2004 11:06	
Toluene-d8	98.6	88-110	%	1.00	01/10/2004 11:06	

SEVERN TRENT STL

Submission #: 2004-01-0272

Volatile Organic Compounds by 8260B (Low Level)

SECOR- Lafayette
Attn.: Neil Doran

57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50113
Kaiser FHP

Received: 01/09/2004 17:10

Site: 3701-3757 Broadway, Oakland, CA

Prep(s): 5030B
Sample ID: **SB2-V**
Sampled: 01/08/2004 10:20
Matrix: Air

Test(s): 8260B
Lab ID: 2004-01-0272 - 41
Extracted: 1/10/2004 12:42
QC Batch#: 2004/01/10-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	01/10/2004 12:42	
Acetone	ND	50	ug/L	1.00	01/10/2004 12:42	
Benzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Bromodichloromethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Bromobenzene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
Bromochloromethane	ND	1.0	ug/L	1.00	01/10/2004 12:42	
Bromoform	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Bromomethane	ND	1.0	ug/L	1.00	01/10/2004 12:42	
2-Butanone(MEK)	ND	50	ug/L	1.00	01/10/2004 12:42	
n-Butylbenzene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
sec-Butylbenzene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
tert-Butylbenzene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
Carbon disulfide	ND	5.0	ug/L	1.00	01/10/2004 12:42	
Carbon tetrachloride	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Chlorobenzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Chloroethane	ND	1.0	ug/L	1.00	01/10/2004 12:42	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	01/10/2004 12:42	
Chloroform	ND	1.0	ug/L	1.00	01/10/2004 12:42	
Chloromethane	ND	1.0	ug/L	1.00	01/10/2004 12:42	
2-Chlorotoluene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
4-Chlorotoluene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Dibromochloromethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	01/10/2004 12:42	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	01/10/2004 12:42	

SEVERN TRENT STL

Submission #: 2004-01-0272

Volatile Organic Compounds by 8260B (Low Level)

SECOR- Lafayette
Attn.: Neil Doran

57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50113
Kaiser FHP

Received: 01/09/2004 17:10

Site: 3701-3757 Broadway, Oakland, CA

Prep(s): 5030B
Sample ID: **SB2-V**
Sampled: 01/08/2004 10:20
Matrix: Air

Test(s): 8260B
Lab ID: 2004-01-0272 - 41
Extracted: 1/10/2004 12:42
QC Batch#: 2004/01/10-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Dibromomethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Ethylbenzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
2-Hexanone	ND	50	ug/L	1.00	01/10/2004 12:42	
Isopropylbenzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
Methylene chloride	ND	5.0	ug/L	1.00	01/10/2004 12:42	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	01/10/2004 12:42	
Naphthalene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
n-Propylbenzene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
Styrene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Tetrachloroethene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Toluene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	01/10/2004 12:42	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	01/10/2004 12:42	

SEVERN TRENT STL

Submission #: 2004-01-0272

Volatile Organic Compounds by 8260B (Low Level)

SECOR- Lafayette
Attn.: Neil Doran

57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50113
Kaiser FHP

Received: 01/09/2004 17:10

Site: 3701-3757 Broadway, Oakland, CA

Prep(s): 5030B
Sample ID: **SB2-V**
Sampled: 01/08/2004 10:20
Matrix: Air

Test(s): 8260B
Lab ID: 2004-01-0272 - 41
Extracted: 1/10/2004 12:42
QC Batch#: 2004/01/10-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	01/10/2004 12:42	
Trichlorotrifluoroethane	ND	1.0	ug/L	1.00	01/10/2004 12:42	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Vinyl acetate	ND	25	ug/L	1.00	01/10/2004 12:42	
Vinyl chloride	ND	0.50	ug/L	1.00	01/10/2004 12:42	
Total xylenes	ND	1.0	ug/L	1.00	01/10/2004 12:42	
Surrogate(s)						
4-Bromofluorobenzene	109.5	86-115	%	1.00	01/10/2004 12:42	
1,2-Dichloroethane-d4	97.8	76-114	%	1.00	01/10/2004 12:42	
Toluene-d8	101.3	88-110	%	1.00	01/10/2004 12:42	

81901

Chain-of Custody Number:

SECOR Chain-of Custody Record 2004-01-0272

Field Office: 05-San Francisco 925.299.9300
Address: 57 Lafayette Cr. 2nd Floor
Lafayette CA 94549

☐ Additional documents are attached, and are a part of this Record.
Job Name: Kaiser F.H.P.
Location: 3701-3757 Broadway
Oakland, CA

Project # 050T.50133 Task #
Project Manager: Neal Doran
Laboratory: STL
Turnaround Time: std

Sampler's Name: Bob Robitaille
Sampler's Signature: [signature]

Analysis Request

Sample ID	Date	Time	Matrix	HCID	TPHg/~~BTEX/WTPH-G~~ 8015 (modified)/8020	TPHd/WTPH-D 8015 (modified)	TPH 418.1/WTPH 418.1	Aromatic Volatiles 602/8020	Volatile Organics ~~624/8240~~ 8260 (GC/MS)	Halogenated Volatiles 601/8010	Semi-volatile Organics 625/8270 (GC/MS)	Pesticides/PCBs 608/8080	Total Lead 7421	Priority Pollutant Metals (13)	TCLP Metals			Comments/ Instructions	Number of Containers
SB2-V	8Jan04	1020	vapor		X				X										2
SB5-V	↓	1430	↓		X				X										2
SB7-V	9Jan04	1010	↓		X				X										2

Special Instructions/Comments:

Relinquished by:	Received by: Steve
Sign	Sign
Print	Print
Company	Company
Time ___ Date ___	Time 1620 Date 1/9/04

Relinquished by: Steve	Received by:
Sign	Sign Naunuk
Print	Print Naunuk
Company	Company STL-SF
Time 1710 Date 1/9/04	Time ~~1620~~ 1710 NK Date 1/9/04

Sample Receipt
Total no. of containers:
Chain of custody seals:
Rec'd in good condition/cold:
Conforms to record:

Client:
Client Contact:
Client Phone:

SECOR CUSTREC Rev. 2/99

Date: 01/09/04 Page 5 of 5

APPENDIX D

LOW–THREAT CLOSURE CHECK LIST

Site Name: Former Chevron Station 91026
Site Address: 3701 Broadway, Oakland, California

Site meets the criteria of the Low-Threat Underground Storage Tank (UST) Case Closure Policy as described below.[1]

General Criteria General criteria that must be satisfied by all candidate sites:	
Is the unauthorized release located within the service area of a public water system?	☒ Yes ☐ No
Does the unauthorized release consist only of petroleum?	☒ Yes ☐ No
Has the unauthorized ("primary") release from the UST system been stopped?	☒ Yes ☐ No
Has free product been removed to the maximum extent practicable?	☒ Yes ☐ No ☐ NA
Has a conceptual site model that assesses the nature, extent, and mobility of the release been developed?	☒ Yes ☐ No
Has secondary source been removed to the extent practicable?	☒ Yes ☐ No
Has soil or groundwater been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15?	☒ Yes ☐ No
Does nuisance as defined by Water Code section 13050 exist at the site?	☐ Yes ☒ No
Are there unique site attributes or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents?	☐ Yes ☒ No
Media-Specific Criteria Candidate sites must satisfy all three of these media-specific criteria: **1. Groundwater:** To satisfy the media-specific criteria for groundwater, the contaminant plume that exceeds water quality objectives must be stable or decreasing in areal extent, and meet all of the additional characteristics of one of the five classes of sites:	
Is the contaminant plume that exceeds water quality objectives stable or decreasing in areal extent?	☒ Yes ☐ No ☐ NA
Does the contaminant plume that exceeds water quality objectives meet all of the additional characteristics of one of the five classes of sites? If YES, check applicable class: ☐ **1** ☐ **2** ☐ **3** ☐ **4** ☒ **5**	☒ Yes ☐ No ☐ NA

[1] Refer to the Low-Threat Underground Storage Tank Case Closure Policy for closure criteria for low-threat petroleum UST sites.

For sites with releases that have not affected groundwater, do mobile constituents (leachate, vapors, or light non-aqueous phase liquids) contain sufficient mobile constituents to cause groundwater to exceed the groundwater criteria?	☐ Yes ☐ No ☒ NA
2. Petroleum Vapor Intrusion to Indoor Air: The site is considered low-threat for vapor intrusion to indoor air if site-specific conditions satisfy all of the characteristics of one of the three classes of sites (a through c) or if the exception for active commercial fueling facilities applies. **Is the site an active commercial petroleum fueling facility?** Exception: Satisfaction of the media-specific criteria for petroleum vapor intrusion to indoor air is not required at active commercial petroleum fueling facilities, except in cases where release characteristics can be reasonably believed to pose an unacceptable health risk. **a. Do site-specific conditions at the release site satisfy all of the applicable characteristics and criteria of scenarios 1 through 3 or all of the applicable characteristics and criteria of scenario 4?** If YES, check applicable scenarios: ☐ **1** ☐ **2** ☐ **3** ☐ **4** **b. Has a site-specific risk assessment for the vapor intrusion pathway been conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency?** **c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, has the regulatory agency determined that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health?**	☐ Yes ☒ No ☐ Yes ☒ No ☐ NA ☐ Yes ☒ No ☐ NA ☒ Yes ☐ No ☐ NA
3. Direct Contact and Outdoor Air Exposure: The site is considered low-threat for direct contact and outdoor air exposure if site-specific conditions satisfy one of the three classes of sites (a through c). **a. Are maximum concentrations of petroleum constituents in soil less than or equal to those listed in Table 1 for the specified depth below ground surface (bgs)?** **b. Are maximum concentrations of petroleum constituents in soil 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, has the regulatory agency determined that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health?**	☒ Yes ☐ No ☐ NA ☐ Yes ☐ No ☒ NA ☐ Yes ☐ No ☒ NA