ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

May 4, 2011

Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Russell J. Bruzzone, Inc. c/o Joan Bruzzone
899 Hope Lane
Lafayette, CA 94549

Montrose Investment Co.
242 Rivera Circle
Greenbriar Marina
Larkspur, CA 94939
Attn: Jim Graham

Subject: Case Closure for Fuel Leak Case No. RO0000469 and GeoTracker Global ID T0600101272, Shell#13-5685, 6039 College Avenue, Oakland, CA 94618

Dear Responsible Parties:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.swrcb.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Total Petroleum Hydrocarbons as gasoline remain in soil at concentrations up to 740 ppm.
- Total Petroleum Hydrocarbons as gasoline remain in groundwater at concentrations up to 2,800 ppb.
- As described in section IV of the attached Case Closure Summary, the case was closed with Site Management Requirements that limit future land use to commercial land use only

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

Enclosures:
1. Remedial Action Completion Certification
2. Case Closure Summary

cc:

Leroy Griffin (w/enc)
Oakland Fire Department
250 Frank H. Ogawa Plaza, Ste. 3341
Oakland, CA 94612-2032
(*Sent via E-mail to: lgriffin@oaklandnet.com*)

Peter Schaefer
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608
(*Sent via E-mail to: pschaefer@craworld.com*)

Closure Unit (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120
(*uploaded to GeoTracker*)

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH (*Sent via E-mail to: jerry.wickham@acgov.org*)

GeoTracker (w/enc)
File (w/orig enc)

ALAMEDA COUNTY
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1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

May 4, 2011

Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Russell J. Bruzzone, Inc. c/o Joan Bruzzone
899 Hope Lane
Lafayette, CA 94549

Montrose Investment Co.
242 Rivera Circle
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Larkspur, CA 94939
Attn: Jim Graham

Subject: Case Closure for Fuel Leak Case No. RO0000469 and GeoTracker Global ID T0600101272, Shell#13-5685, 6039 College Avenue, Oakland, CA 94618

Dear Responsible Parties:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

Alameda County Environmental Health

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

Date: November 18, 2010

I. AGENCY INFORMATION

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Shell #13-5685		
Site Facility Address: 6039 College Avenue, Oakland, California 94618		
RB Case No.: 01-1377	Local Case No.: STID 3719	LOP Case No.: RO0000469
URF Filing Dates: 09/05/1989	Geotracker ID: T0600101272	APN: 14-1268-1 and 14-1268-2

Responsible Parties	Addresses	Phone Numbers
Denis Brown Shell Oil Products US	20945 S. Wilmington Avenue, Carson, CA 90810	(707) 865-0251
Russell J. Bruzzone, Inc. c/o Joan Bruzzone	899 Hope Lane, Lafayette, CA 94549	No phone number
Montrose Investment Company, Inc.	242 Rivera Circle, Larkspur, CA 94939	No phone number

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	550	Gasoline	Removed	1957
2-4	1,000	Gasoline	Removed	1957
5	110	Waste Oil	Removed	1957
6	8,000	Gasoline	Removed	1978
7-9	5,000	Gasoline	Removed	1978
10	1,000	Waste Oil	Removed	1978
Dispensers and Piping			Upgraded	1998
Dispensers and Piping			Upgraded	2004

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: In September 1989, Alameda County Environmental Health received notification of an unauthorized release from a UST. The source of the release was reported as a slight weep at the piping connection to the submersible pump for a gasoline tank. Based on this report, a September 5, 1989 Underground Storage Tank Unauthorized Release form was filed. The volume and source of the release is unknown.		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? Yes	Number: 7	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 7.76	Lowest Depth:20.58	Flow Direction: West to southwest
Most Sensitive Current Use: Potential drinking water source.		
Summary of Production Wells in Vicinity: The closest water supply well is a domestic well approximately 1,400 feet east of the site. Based on the distance and cross-gradient location, the domestic well is not expected to be a receptor for the site. Three wells of unknown use are approximately 1,600 feet south southwest of the site. Based on the distance from the site, the wells of unknown use are not expected to be receptors for the site.		
Are drinking water wells affected? No	Aquifer Name: East Bay Plain	
Is surface water affected? No	Nearest SW Name: Claremont Creek is approximately 950 feet northeast of the site	
Off-Site Beneficial Use Impacts (Addresses/Locations): None		
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and City of Oakland Fire Department	

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	550-gallon gasoline UST	Not Reported	1957
Tanks	Three 1,000-gallon gasoline USTs	Not Reported	1957
Tank	110-gallon waste oil UST	Not Reported	1957
Tank	8,000-gallon gasoline UST	Not Reported	1978
Tanks	Three 5,000-gallon gasoline USTs	Not Reported	1978
Tank	550-gallon waste oil UST	Not Reported	1978
Piping	Not Reported	Not Reported	1957 and 1998
Free Product	1.6 pounds	Transported by Blaine Tech Services, Inc., to Shell's Martinez refinery for disposal	11/19/99 – 7/30/01
Soil	----	----	----
Groundwater	26,502 gallons	Transported by Advanced Cleanup Technologies, Inc. (9/99 – 11/99), Blaine Tech Services, Inc. (11/99 – 6/00), and Onyx Industrial Services (11/01 – 1/05) to Shell's Martinez refinery for treatment	9/22/99 – 1/27/05

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 2 – 4 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Groundwater (ppb)	
	Before	After	Before	Current
TPH (Gas)	5,300	740	67,100(1)	2,800(1)
TPH (Diesel)	5,900	5,900	25,000	Not Analyzed
TPH (Motor Oil)	110,000	110,000	Not Analyzed	Not Analyzed
Oil & Grease	1,100	1,100	24,000	Not Analyzed
Benzene	10	0.003	1,650(2)	71(2)
Toluene	190	0.01	6,100(3)	16(3)
Ethylbenzene	42	0.06	640(3)	3.9(3)
Xylenes	260	0.14	3,690(4)	9(4)
Heavy Metals (Cd, Cr, Pb, Zn)	13(5)	13(5)	Not Analyzed	Not Analyzed
MTBE	240(6)	0.28(7)	78,000(8)	430(9)
Other (8240/8270)	Not Detected (10)	Not Detected (10)	190(11)	Not Detected(12)

(1) The maximum concentration before cleanup is from a groundwater sample collected from well MW-3 on 03/18/1992; the maximum concentration after cleanup is from a groundwater sample collected from well MW-4 during the most recent groundwater monitoring event on 02/03/2010.

(2) The maximum concentration before cleanup is from a groundwater sample collected from well MW-4 on 05/04/2000; the maximum concentration after cleanup is from a groundwater sample collected from well MW-3 during the most recent groundwater monitoring event on 02/03/2010.

(3) The maximum concentration before cleanup is from a groundwater sample collected from well MW-4 on 11/03/1997; the maximum concentration after cleanup is from a groundwater sample collected from well MW-3 during the most recent groundwater monitoring event on 02/03/2010.

(4) The maximum concentration before cleanup is from a groundwater sample collected from well MW-4 on 02/11/2000; the maximum concentration after cleanup is from a groundwater sample collected from well MW-3 during the most recent groundwater monitoring event on 02/03/2010.

(5) Lead = 13 ppm; cadmium <0.5 ppm; chromium = 73 ppm; and zinc = 60 ppm.

(6) MTBE = 240 ppm; TBA = 0.53 ppm; TAME, ETBE, DIPE, EDB, and EDC not detected at various reporting limits; Ethanol = 0.53 ppm.

(7) MTBE = 0.28 ppm; TBA = 0.53 ppm; TAME, ETBE, DIPE, EDB, and EDC not detected at various reporting limits; Ethanol = 0.53 ppm.

(8) MTBE = 78,000 ppb; TBA = 3,400 ppb; DIPE = 380 ppb; EDB = 2.9 ppb; TAME, ETBE, EDC, and ethanol not detected at various reporting limits.

(9) MTBE = 430 ppb; TBA = 310 ppb; TAME, ETBE, DIPE, EDB, EDC, and ethanol not detected at various reporting limits during the most recent groundwater monitoring event on 02/03/2010.

(10) VOCs and PCBs not detected at various reporting limits.

(11) Napthalene = 190 ppb; 2-methylnapthalene = 42 ppb; no other SVOCs detected at various reporting limits.

(12) SVOCs not detected at various reporting limits during most recent groundwater monitoring event on 02/03/2010; VOCs not analyzed.

Site History and Description of Corrective Actions:

The site is an active service station located at the corner of College and Claremont Avenues in Oakland, California. Surrounding land use is mixed commercial and residential. The site has been a service station since approximately 1940. According to Shell's records, one 550-gallon, and three 1,000-gallon steel USTs containing gasoline, and one 110-gallon single-walled steel waste-oil tank were removed in 1957. The tanks were replaced by three 5,000-gallon leaded gasoline tanks and one 1,000-gallon waste-oil tank, all of single-wall steel construction.

One 8,000-gallon and three 5,000-gallon steel USTs and one 1,000-gallon waste oil tank were removed in 1978. It is not clear from the available data when the 8,000-gallon tank was installed. The tanks were replaced by three 10,000-gallon fiberglass USTs for gasoline storage.

In September 1989, Alameda County Environmental Health (ACEH) received notification of an unauthorized release from a UST. The source of the release was reported as a slight weep at the piping connection to the submersible pump for a gasoline tank.

In January 1990, soil borings B-1 through B-6 were advanced to a depth of approximately 25 feet below grade (fbg). Up to 610 ppm total petroleum hydrocarbons as gasoline (TPHg), 5,900 ppm total petroleum hydrocarbons as diesel (TPHd), 110,000 ppm total petroleum hydrocarbons as motor oil, and 0.57 ppm benzene were detected in soil samples from borings B-3 and B-6. In February 1990, groundwater monitoring wells MW-1 through MW-4 were installed to a depth of 25 fbg. In August 1991, monitoring well MW-5 was installed to a depth of 28 fbg.

In March 1993, soil borings BH-A through BH-E were advanced and boring BH-E was converted into monitoring well MW-6. Up to 580 ppm TPHg, 0.42 ppm benzene, and 930 ppm petroleum oil and grease were detected in soil samples collected from borings BH-A, BH-C, and BH-D. No petroleum hydrocarbons were detected in soil samples collected from boring BH-B and 3.5 ppm TPHd was detected in soil samples collected from boring BH-E (well MW-6).

In February 1998, soil samples were collected during an upgrade of the site's four gasoline dispensers. The maximum petroleum hydrocarbon concentrations were detected in soil samples collected at Dispenser C. TPHg, TPHd, and benzene were detected at concentrations of 5,300 ppm, 420 ppm, and 10 ppm, respectively. Soil samples from the other dispenser locations contained significantly lower concentrations.

Weekly extraction of free phase product and dissolved phase petroleum hydrocarbons was initiated at this site from September 22 through November 10, 1999. Free product and groundwater were extracted from wells MW-3 and MW-4 using a vacuum truck. After November 10, 1999, the wells were purged manually because the volume of groundwater and free product removed each week was not considered sufficient to warrant using a vacuum truck. Due to the absence of free product in MW-4, weekly purging events were discontinued on June 8, 2000. No free product was observed in the first quarter of 2001. Free product reappeared in the second and third quarters of 2001, and monthly extraction was resumed in December 2001. Monthly extraction was suspended after the first quarter 2005 event. Mobile groundwater extraction removed an approximate total of 2.6 pounds of hydrocarbons, 0.15 pounds of benzene, and 2.5 pounds of methyl tertiary-butyl ether (MTBE).

In March 2001, short-term DVE pilot tests were conducted on monitoring wells MW-3 and MW-4. Vacuum influence was not observed in any adjacent wells. Approximately 0.2 pounds of TPHg, 0.004 pounds of benzene, and 0.02 pounds of MTBE were removed during the pilot test.

In May 2004, soil samples were collected during an upgrade of the site's fueling system. MTBE and benzene were not detected in any soil samples collected during the upgrade activities. TPHg was detected in only one sample (P-3-4'), at a concentration of 17 ppm.

In September 2005, six soil borings (SB-1 through SB-3 and SB-6 through SB-8) were advanced to assess subsurface conditions off site and on site in the vicinity of the fuel dispensers and USTs. Borings SB-1, SB-3, SB-6, and SB-8 were advanced to 35 fbg, SB-7 to 45 fbg, and SB-2 to 50 fbg. Soil samples were collected every 5 feet for soil description, possible chemical analysis, and headspace analysis. TPHg was detected in nine soil samples, at concentrations up to 740 ppm. Grab samples of the first-encountered groundwater were collected from each boring. TPHg was detected in five of the six grab groundwater samples, at concentrations up to 43,000 ppb. Benzene was detected in SB-8 at a concentration of 170 ppb. MTBE was detected in all grab groundwater samples at concentrations up to 340 ppb. Tertiary-butyl alcohol (TBA) was detected in five grab groundwater samples, at concentrations up to 3,400 ppb. Di-isopropyl ether (DIPE) was detected in two samples, with concentrations of 210 ppb and 380 ppb in samples from SB-2 and SB-8, respectively. Ethylene dibromide (EDB) was detected in SB-7 at a concentration of 2.9 ppb.

Site History and Description of Corrective Actions (continued):

In May 2006, Cambria installed one groundwater monitoring well (MW-7) immediately down gradient of the westernmost dispenser island, a suspected source of hydrocarbon impact to groundwater. Soil samples contained up to 689 ppm TPHg, 0.00333 ppm benzene, 0.0170 ppm toluene, 0.615 ppm ethylbenzene, 0.142 ppm xylenes, and 0.0476 ppm MTBE.

In February 2010, six soil vapor probes (SVP-1 through SVP-6) were installed. The vapor probes were sampled in March 2010. No constituents of concern were detected in any soil vapor samples.

Groundwater monitoring was ongoing at the site from February 1990 until February 2010. There are five on-site groundwater monitoring wells associated with the site (MW-1 through MW-4 and MW-7) and two off-site wells (MW-5 and MW-6).

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use only. If a change in land use to any residential or other conservative land use scenario occurs at this site, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: ---
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 7
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ---		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

None.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 12/21/10
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature: Donna L. Drogos	Date: 12/21/10

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: 12/21/10	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 01/21/11	Date of Well Decommissioning Report: 04/25/11	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 7	Number Retained: Ø
Reason Wells Retained: ---		
Additional requirements for submittal of groundwater data from retained wells: ---		
ACEH Concurrence - Signature: Jerry Wickham		Date: 05/04/11

Attachments:

1. Vicinity Map (1 p)
2. Site Plan and Groundwater Elevation Map (2 pp)
3. Soil Analytical Data (5 pp)
4. Soil Vapor Data (2 pp)
5. Groundwater Analytical Data (23 pp)
6. Boring Logs (36 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

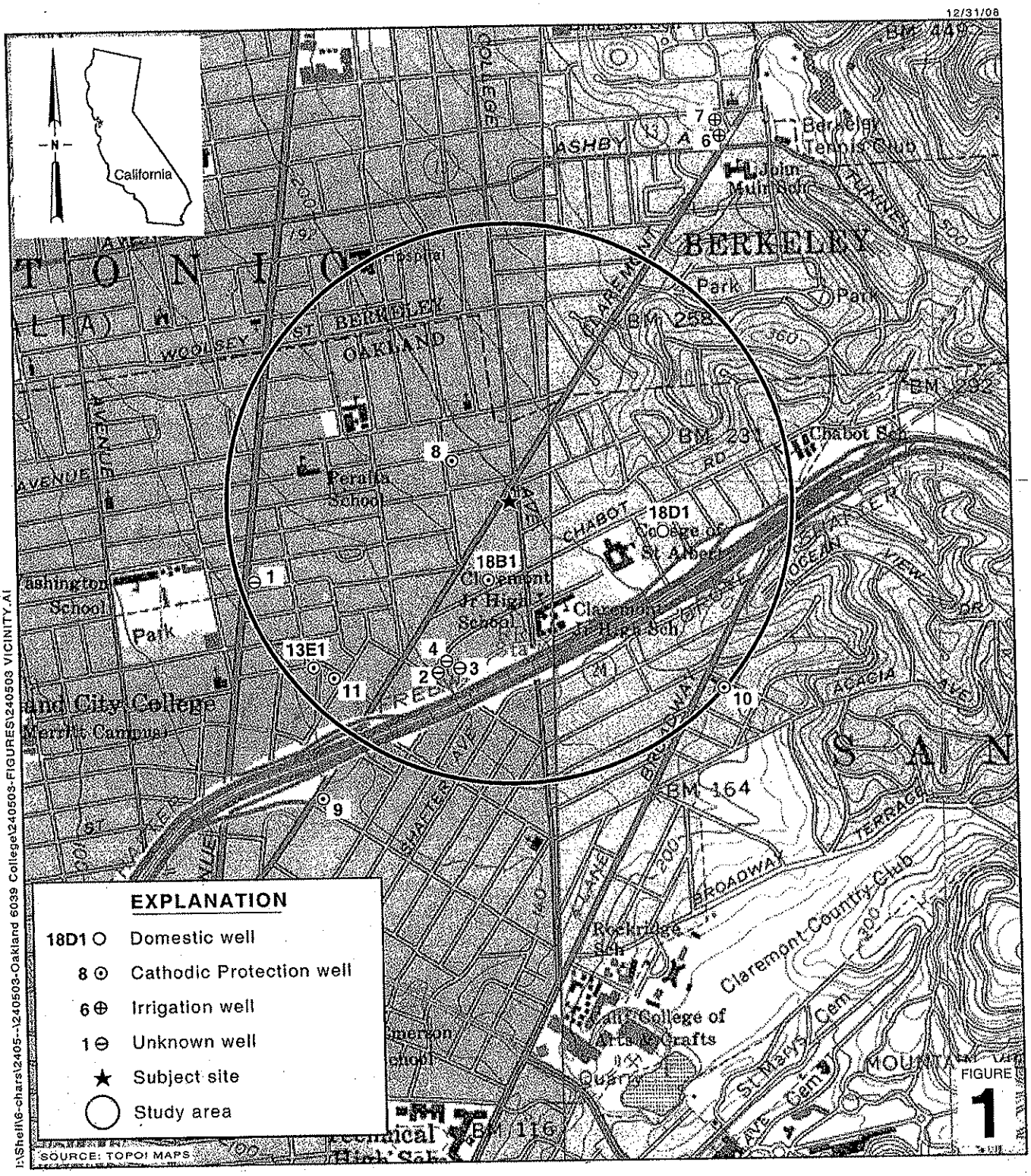


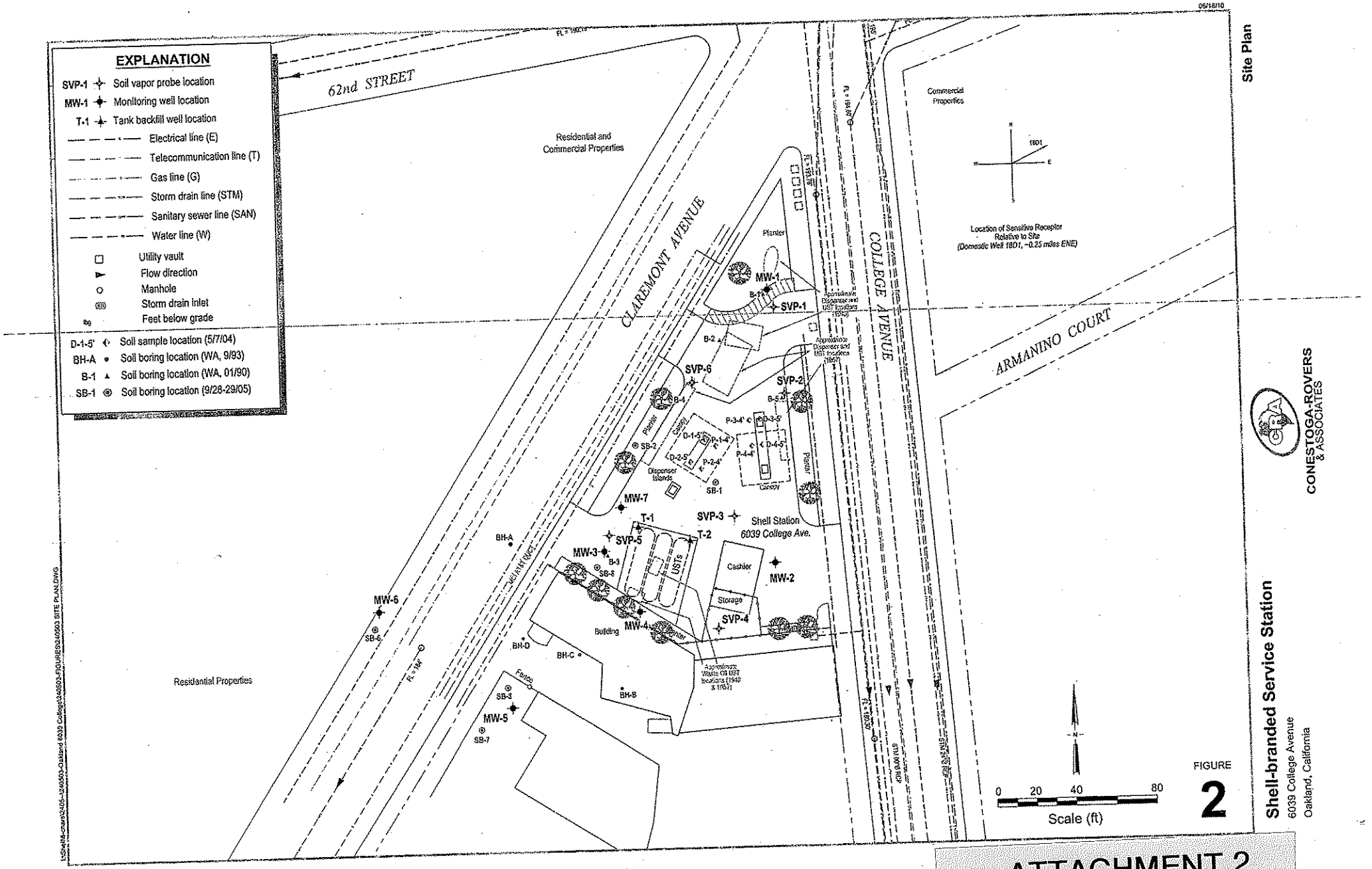
FIGURE **1**

Shell-branded Service Station
6039 College Avenue
Oakland, California

Vicinity Map

CONESTOGA-ROVERS & ASSOCIATES

ATTACHMENT 1


EXPLANATION
SVP-1 Soil vapor probe location
MW-1 Monitoring well location
T-1 Tank backfill well location
Electrical line (E)
Telecommunication line (T)
Gas line (G)
Storm drain line (STM)
Sanitary sewer line (SAN)
Water line (W)
Utility vault
Flow direction
Manhole
Storm drain inlet
bg Feet below grade
D-1-5' Soil sample location (5/7/04)
BH-A Soil boring location (WA, 9/93)
B-1 Soil boring location (WA, 01/90)
SB-1 Soil boring location (9/28-29/05)
62nd STREET
CLAREMONT AVENUE
COLLEGE AVENUE
ARMANINO COURT
Residential and Commercial Properties
Residential Properties
Commercial Properties
Location of Sensitive Receptor Relative to Site
(Domestic Well 18D1, ~0.25 miles ENE)
18D1
Shell Station
6039 College Ave.
Planter
Canopy
Dispenser Islands
USTs
Cashier
Storage
Building
Fence
Approximate Dispenser and UST locations (1949 & 1971)
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
SVP-1
SVP-2
SVP-3
SVP-4
SVP-5
SVP-6
T-1
T-2
SB-1
SB-2
SB-3
SB-6
SB-7
BH-A
BH-B
BH-C
BH-D
0 20 40 80
Scale (ft)
FIGURE
2
Site Plan
Shell-branded Service Station
6039 College Avenue
Oakland, California
CONESTOGA-ROVERS & ASSOCIATES
09/18/10
ATTACHMENT 2

Groundwater Contour and Chemical Concentration Map

February 3, 2010

CONESTOGA-ROVERS & ASSOCIATES

Shell-branded Service Station

6039 College Avenue

Oakland, California

FIGURE

3

06/18/10

I:\Shell\6-drive\240503-Oakland 6039 College\240503-REPORTS\240503-RPT8-1Q10\240503 1QM10-GW1.DWG

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION,
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	HVOCs	Diethyl phthalate	Dimethyl phthalate	PCBs
B-1	1/4/1990	22.5	–	–	–	8.1	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	–
B-2	1/5/1990	18	–	–	–	130	0.62	<0.1	0.48	1.2	–	–	–	–	–	–	–	–	–	–	–	–
B-2	1/5/1990	24	–	–	–	1.8	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	–
B-3	1/5/1990	19	810	110,000	5,900	610	0.24	0.18	4.1	9.8	–	–	–	–	–	–	–	–	ND	–	–	–
B-3	1/5/1990	21	380	14,000	750	71	0.19	<0.1	0.53	0.68	–	–	–	–	–	–	–	–	ND	–	–	–
B-4	1/4/1990	18.5	–	–	–	170	0.57	0.11	0.65	1.3	–	–	–	–	–	–	–	–	–	–	–	–
B-4	1/4/1990	25	–	–	–	<1	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	–
B-5	1/4/1990	22	–	–	–	<1	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	–
B-5	1/4/1990	23	–	–	–	4.4	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	–
B-6	1/5/1990	19.5	1,100	12,000	600	260	0.28	<0.1	1.3	2.1	–	–	–	–	–	–	–	–	ND	–	–	–
B-6	1/5/1990	22.5	91	320	16	<1	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	ND	–	–	–
MW-2	2/8/1990	11	–	<10	<1	<1	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	–
MW-2	2/8/1990	15.5	–	<1	<1	<1	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	–
MW-2	2/8/1990	20.5	–	<10	1.1	<1	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	–
MW-3	2/7/1990	10	–	<10	4.4	12	<0.0050	<0.1	<0.1	0.11	–	–	–	–	–	–	–	–	–	–	–	ND
MW-3	2/7/1990	15.5	–	1,800	200	230	1.1	0.7	3.1	1.9	–	–	–	–	–	–	–	–	–	–	–	ND
MW-3	2/7/1990	20.5	–	<10	9.9	28	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	ND
MW-4	2/7/1990	10.5	–	<1	1.2	<1	<0.0050	<0.1	<0.1	<0.1	–	–	–	–	–	–	–	–	–	–	–	ND
MW-4	2/7/1990	15.5	–	6,400	61	140	0.31	0.34	0.92	2.60	–	–	–	–	–	–	–	–	–	–	–	ND
MW-4	2/7/1990	20.5	–	46,000	2,200	72	0.06	<0.1	0.46	0.57	–	–	–	–	–	–	–	–	–	–	–	ND
MW-5	8/24/1991	6	<50	<12	<1.2[a]	<1	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–	–
MW-5	8/24/1991	16	<50	13	7.0[b]	23[a]	<0.025	<0.025	0.028	0.10	–	–	–	–	–	–	–	–	–	–	–	–
MW-5	8/24/1991	21	<50	<12	<1.2	<1	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–	–
BH-A	9/9/1993	6	–	–	–	<1	<0.0025	<0.0025	<0.0025	<0.0025	–	–	–	–	–	–	–	–	1.6	0.37	–	–
BH-A	9/9/1993	11	<50	–	11[b]	28[a]	<0.0025	<0.0025	<0.0025	<0.0025	–	–	–	–	–	–	–	–	<0.33	<0.33	–	–
BH-A	9/9/1993	16	<50	–	27[b]	130	<0.025	<0.0025	1.4	0.51	–	–	–	–	–	–	–	–	–	–	–	–

ATTACHMENT 3

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION,
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	HVOCs	Diethyl phthalate	Dimethyl phthalate	PCBs
BH-B	9/9/1993	11	–	–	–	<1	<0.0025	<0.002	<0.00	<0.0025	–	–	–	–	–	–	–	–	–	–	–	–
BH-B	9/9/1993	15.7	<50	–	<1	<1	<0.0025	<0.002	<0.00	<0.0025	–	–	–	–	–	–	–	–	–	<0.33	<0.33	–
BH-C	9/10/1993	10.7	–	–	–	<1	<0.0025	<0.0025	<0.0025	<0.0025	–	–	–	–	–	–	–	–				
BH-C	9/10/1993	15.7	1,200[c]/930[d]	–	4,900[b]	580[a]	<0.125	<0.125	<0.125	<0.125	–	–	–	–	–	–	–	–	–	<0.33	<0.33	–
BH-C	9/10/1993	20.7	–	–	–	<1	<0.0025	<0.0025	<0.0025	<0.0025	–	–	–	–	–	–	–	–	–	–	–	–
BH-D	9/10/1993	10.7	<50[c]/<50[d]	–	8.9[b]	6.8[a]	<0.0025	<0.0025	<0.0025	<0.0025	–	–	–	–	–	–	–	–	–	<0.33	<0.33	–
BH-D	9/10/1993	15.7	97[c]/69[d]	–	55[b]	150	0.42	<0.0025	<0.0025	<0.025	–	–	–	–	–	–	–	–	–	<0.33	<0.33	–
BH-D	9/10/1993	20.7	<50[c]/<50[d]	–	2.9[b]	5.6	<0.0025	0.0073	0.011	<0.0025	–	–	–	–	–	–	–	–	–	<0.33	<0.33	–
BH-E (MW-6)	9/10/1993	10.7	–	–	–	<1	<0.0025	<0.0025	<0.0025	<0.0025	–	–	–	–	–	–	–	–	–	–	–	–
BH-E (MW-6)	9/10/1993	15.7	<50[c]/<50[d]	–	3.5[b]	<1	<0.0025	<0.0025	<0.0025	<0.0025	–	–	–	–	–	–	–	–	–	<0.33	<0.33	–
Disp-A-2.0'	2/11/1998	2	–	–	–	3.2	0.016	0.045	< 0.0050	0.0072	0.51[e]/< 0.10	–	–	–	–	–	–	–	–	–	–	–
Disp-A-4.0'	2/11/1998	4	–	–	–	53	< 0.025	< 0.025	< 0.025	< 0.025	<0.012[e]	–	–	–	–	–	–	–	–	–	–	–
Disp-B-2.0'	2/11/1998	2	–	–	–	1.2	< 0.0050	0.011	< 0.0050	< 0.0050	0.025[e]/< 0.10	–	–	–	–	–	–	–	–	–	–	–
Disp-B-4.0'	2/12/1998	4	–	–	–	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	<0.025[e]	–	–	–	–	–	–	–	–	–	–	–
Disp-C-2.0'	2/11/1998	2	–	–	–	1,900	10	190	42	260	420[e]/240	–	–	–	–	–	–	–	–	–	–	–
Disp-C-4.0'	2/12/1998	4	–	–	–	5,300	< 2.5	5.0	26	250	<12[e]	–	–	–	–	–	–	–	–	–	–	–
Disp-D-2.0'	2/11/1998	2	–	–	–	31	< 0.025	0.035	< 0.025	0.17	0.65[e]/0.69	–	–	–	–	–	–	–	–	–	–	–
Disp-D-4.0'	2/12/1998	4	–	–	–	6.3	0.011	0.013	< 0.010	< 0.010	0.10[e]/0.13	–	–	–	–	–	–	–	–	–	–	–
D-1-5'	5/7/2004	5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–
D-2-5'	5/7/2004	5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–
D-3-5'	5/7/2004	5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–
D-4-5'	5/7/2004	5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–
P-1-4'	5/7/2004	4	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–
P-2-4'	5/7/2004	4	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–
P-3-4'	5/7/2004	4	–	–	–	17[e]	<0.022	<0.022	<0.022	<0.022	<0.022	–	–	–	–	–	–	–	–	–	–	–
P-4-4'	5/7/2004	4	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–	–	–	–	–	–
SB-1-5.0	9/29/2005	5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	0.015	<0.0050	0.090	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	0.53	–	–	–	–

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION,
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	HVOCs	Diethyl phthalate	Dimethyl phthalate	PCBs
SB-1-9.5	9/29/2005	9.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.28	0.53	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.50	–	–	–	–
SB-1-14.5	9/29/2005	14.5	–	–	–	7.3[a]	<0.0050	<0.0050	<0.0050	<0.0050	0.035	0.053	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.50	–	–	–	–
SB-1-19.5	9/29/2005	19.5	–	–	–	96[a]	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25	–	–	–	–
SB-1-23.5	9/29/2005	23.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-1-29.5	9/29/2005	29.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1[f]	–	–	–	–
SB-2-9.5	9/29/2005	9.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.50	–	–	–	–
SB-2-14.5	9/29/2005	14.5	–	–	–	8.4[a]	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.050	<0.025	<0.025	<0.025	<0.025	<0.50	–	–	–	–
SB-2-19.5	9/29/2005	19.5	–	–	–	14[a]	<0.024	<0.024	<0.024	<0.024	<0.024	<0.049	<0.049	<0.024	<0.024	<0.024	<0.024	<0.49	–	–	–	–
SB-2-23.5	9/29/2005	23.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.0087	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.50	–	–	–	–
SB-2-29.5	9/29/2005	29.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.50	–	–	–	–
SB-3-9.5	9/28/2005	9.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-3-14.5	9/28/2005	14.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.32	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-3-17.0	9/28/2005	17.0	–	–	–	370[a]	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25	–	–	–	–
SB-3-20.5	9/28/2005	20.5	–	–	–	9.7[a]	<0.023	<0.023	<0.023	<0.023	<0.023	0.30	<0.045	<0.023	<0.023	<0.023	<0.023	<0.45	–	–	–	–
SB-6-9.5	9/28/2005	9.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-6-17.5	9/28/2005	17.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.013	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-7-9.5	9/28/2005	9.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-7-14.5	9/28/2005	14.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.041	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-7-17.0	9/28/2005	17.0	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-8-9.5	9/29/2005	9.5	–	–	–	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	–	–	–	–
SB-8-14.5	9/29/2005	14.5	–	–	–	460[a]	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25	–	–	–	–
SB-8-19.5	9/29/2005	19.5	–	–	–	740[a]	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25	–	–	–	–
SB-8-22.0	9/29/2005	22.0	–	–	–	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25	–	–	–	–
MW-7-5	5/16/2006	5.0	–	–	–	<0.121	<0.00242	<0.00242	<0.00242	<0.00605	<0.00242	<0.0605	<0.00242	<0.00605	<0.00242	–	–	–	–	–	–	–
MW-7-10	5/16/2006	10.0	–	–	–	4.30	<0.00239	<0.00239	<0.00239	<0.00597	0.00375	<0.0597	<0.00239	<0.00597	<0.00239	–	–	–	–	–	–	–
MW-7-15	5/16/2006	15.0	–	–	–	2.12	<0.00263	<0.00263	0.105	0.0134	0.0234	<0.0657	<0.00263	<0.00657	<0.00263	–	–	–	–	–	–	–
MW-7-20	5/16/2006	20.0	–	–	–	613	<0.00248	<0.00248	0.0328	0.00852	0.0206	<0.0621	<0.00248	<0.00621	<0.00248	–	–	–	–	–	–	–
MW-7-22	5/16/2006	22.0	–	–	–	689	0.00333	0.0107	0.615	0.142	0.0476	<0.0608	<0.00243	<0.00608	<0.00243	–	–	–	–	–	–	–
Shallow Soil (≤10 fbg) ESL			NA	2,500	180	180	0.27	9.3	4.7	11	8.4	110	NA	NA	NA	0.48	0.044	NA	Various	0.035	0.035	0.74
Deep Soil (>10 fbg) ESL			NA	5,000	180	180	2.0	9.3	4.7	11	8.4	110	NA	NA	NA	0.48	1	NA	Various	0.035	0.035	0.74

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION,
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G	TPHmo	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	HVOCs	Diethyl phthalate	Dimethyl phthalate	PCBs

Notes:

All results in milligrams per kilogram (mg/kg) unless otherwise indicated.
fbg = Feet below grade
O&G = Total oil and grease analyzed by 1990 SM 503 D&E (Gravimetric), 8/91 by 503E, 9/93 by EPA Method 5520
TPHmo = Total petroleum hydrocarbons as motor oil analyzed by EPA Method 8015
TPHd = Total petroleum hydrocarbons as diesel, analyzed by EPA Method 8015
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260; before 2004, analyzed by EPA Method 8015
Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260; before 2004, analyzed by EPA Method 8015
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B unless otherwise noted
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane 1,2-DCA analyzed by EPA Method 8260B
EDB = 1,2-dibromoethane analyzed by EPA Method 8260B
Ethanol analyzed by EPA Method 8260B
HVOCs = Halogenated volatile organic compounds analyzed by EPA Method 8010
Semi-volatile organic compounds analyzed by EPA Method 8270; all detections tabulated.
PCBs = Polychlorinated biphenyls analyzed by EPA Method 8080
ND = Not detected at laboratory detection limits; see relevant lab report for specifics.
<x = Not detected at reporting limit x
— = Not analyzed
ESL = Environmental screening level
NA = No applicable ESL
Results in bold equal or exceed applicable ESL

a = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
b = Not characteristic of standard diesel pattern
c = Total oil and grease analyzed by EPA Method 5520E
d = Non-polar oil and grease analyzed by EPA Method 5520E/F
e = Analyzed by Modified EPA Method 8020
f = Analyzed out of hold time.
g = San Francisco Bay Regional Water Quality Control Board commercial/industrial ESL for soil where groundwater is not a source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA - METALS
SHELL-BRANDED SERVICE STATION,
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Cadmium*	*Chromium*	*Lead*	*Zinc*
B-3	1/5/1990	19	<0.50	48	13	51
B-3	1/5/1990	21	<0.50	61	7.6	54
B-6	1/5/1990	19.5	<0.50	86	8.1	52
B-6	1/5/1990	22.5	<0.50	73	9.2	60
Deep Soil (>10 fbg) ESL [a]			39	5,000	750	5,000

Notes:

All results in milligrams per kilogram (mg/kg) unless otherwise indicated.
fbg = Feet below grade
Cadmium, chromium, and zinc analyzed by EPA Method 6010
Lead analyzed by EPA Method 7421
<x = Not detected at reporting limit x

a = San Francisco Bay Regional Water Quality Control Board commercial/industrial ESL for soil where groundwater is not a source of drinking water (Tables B and D of Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 5

SOIL VAPOR ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*Naphthalene*	*Helium (%v)*	*Oxygen & Argon (%v)*	*Carbon Dioxide (%v)*	*Methane (%v)*
SVP-1	3/23/2010	4.67-4.75	<5,700	<16	<19	<22	<43	<52	<0.0100	15.7	4.91	<0.500
SVP-2	3/23/2010	4.67-4.75	<5,700	<16	<19	<22	<43	<52	<0.0100	15.4	5.91	<0.500
SVP-3	3/23/2010	4.67-4.75	<5,700	<16	<19	<22	<43	<52	<0.0100	13.7	6.30	<0.500
SVP-4	3/23/2010	4.67-4.75	<5,700	<16	<19	<22	<43	<52	<0.0100	17.0	4.01	<0.500
SVP-5	3/23/2010	4.67-4.75	<5,700	<16	<19	<22	<43	<52	<0.0100	9.38	9.50	<0.500
SVP-6	3/23/2010	4.67-4.75	<5,700	<16	<19	<22	<43	<52	<0.0100	11.0	6.43	<0.500
Soil Vapor ESLs[a]		*Commercial*	*29,000*	*280*	*180,000*	*3,300*	*58,000*	*240*	*NA*	*NA*	*NA*	*NA*
		Residential	*10,000*	*84*	*63,000*	*980*	*21,000*	*72*	*NA*	*NA*	*NA*	*NA*

Notes:

All results in micrograms per cubic meter ($\mu g/m^3$) unless otherwise indicated.
fbg = Feet below grade
%v = Percent by volume
TPHg = Total petroleum hydrocarbons as gasoline; analyzed by EPA Method TO-3M
Benzene, toluene, ethylbenzene, xylenes and naphthalene analyzed by EPA Method 8260B (M)
Helium analyzed by ASTM Method D-1946 (M)
Oxygen & argon, carbon dioxide, and methane analyzed by ASTM Method D-1946
<x = Not detected at reporting limit x
ESL = Environmental screening level
NA = No applicable ESLs

ATTACHMENT 4

TABLE 5

SOIL VAPOR ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

a = San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) shallow soil gas screening level for evaluation of potential vapor intrusion concerns from *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, SFBRWQCB, Interim Final - November 2007 (Revised May 2008).

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	02/15/1990	95	650	ND	0.67	0.37	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.73	NA	178.16	NA	NA
MW-1	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.51	NA	177.38	NA	NA
MW-1	05/14/1990	95	ND	0.7	0.57	0.71	3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.92	NA	176.97	NA	NA
MW-1	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.21	NA	177.68	NA	NA
MW-1	09/12/1990	ND	84	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	19.81	NA	176.08	NA	NA
MW-1	11/27/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	20.39	NA	175.50	NA	NA
MW-1	03/08/1991	ND	50	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.85	NA	179.04	NA	NA
MW-1	06/03/1991	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.82	NA	178.07	NA	NA
MW-1	08/30/1991	16.85	520	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	19.87	NA	176.02	NA	NA
MW-1	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	20.58	NA	175.31	NA	NA
MW-1	03/18/1992	<30	<50	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	13.55	NA	182.34	NA	NA
MW-1	05/28/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.08	NA	178.81	NA	NA
MW-1	08/19/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	19.07	NA	176.82	NA	NA
MW-1	11/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	20.11	NA	175.78	NA	NA
MW-1	02/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.10	NA	183.79	NA	NA
MW-1	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.87	NA	181.02	NA	NA
MW-1	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.90	NA	178.99	NA	NA
MW-1	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	19.72	NA	176.17	NA	NA
MW-1	02/28/1994	<50	NA	<0.5	<0.5	<0.5	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.08	NA	180.81	NA	NA
MW-1	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.20	NA	178.69	NA	NA
MW-1	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.76	NA	177.13	NA	NA
MW-1	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.00	NA	179.89	NA	NA
MW-1	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	10.18	NA	185.71	NA	NA
MW-1	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	11.88	NA	184.01	NA	NA
MW-1	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.60	NA	180.29	NA	NA
MW-1	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.24	NA	177.65	NA	NA
MW-1	02/24/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	9.88	NA	186.01	NA	NA
MW-1	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.24	NA	183.65	NA	NA
MW-1	08/19/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.86	NA	180.03	NA	NA
MW-1	12/05/1996	160	NA	7.3	8.2	5.5	23	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.21	NA	179.68	NA	NA
MW-1	01/08/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	9.73	NA	186.16	NA	NA
MW-1	02/20/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	11.60	NA	184.29	NA	NA
MW-1	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.02	NA	180.87	NA	NA
MW-1	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.20	NA	178.69	NA	NA
MW-1	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.02	NA	179.87	NA	NA
MW-1	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	9.35	NA	186.54	NA	NA
MW-1	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	11.75	NA	184.14	NA	NA

ATTACHMENT 5

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	13.32	NA	182.57	NA	NA
MW-1	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.01	NA	181.88	NA	NA
MW-1	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.62	NA	180.27	NA	NA
MW-1	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.72	NA	181.17	NA	NA
MW-1	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.00	NA	178.89	NA	NA
MW-1	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.36	NA	177.53	NA	NA
MW-1	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.09	NA	180.80	NA	NA
MW-1	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.97	NA	182.92	NA	NA
MW-1	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.02	NA	180.87	NA	NA
MW-1	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.90	NA	182.99	NA	NA
MW-1	02/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.28	NA	181.61	NA	NA
MW-1	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.04	NA	179.85	NA	NA
MW-1	07/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.53	NA	178.36	NA	NA
MW-1	12/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.79	NA	181.10	NA	NA
MW-1	01/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	195.89	13.71	NA	182.18	NA	NA
MW-1	05/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.63	NA	180.26	NA	NA
MW-1	07/25/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.08	NA	178.81	NA	NA
MW-1	11/26/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	19.30	NA	181.26	NA	NA
MW-1	01/29/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	200.56	13.90	NA	186.66	NA	NA
MW-1	06/03/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	15.30	NA	185.26	NA	NA
MW-1	08/27/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	17.32	NA	183.24	NA	NA
MW-1	11/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	18.61	NA	181.95	NA	NA
MW-1	02/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	200.56	14.46	NA	186.10	NA	NA
MW-1	05/03/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	14.52	NA	186.04	NA	NA
MW-1	08/30/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	16.73	NA	183.83	NA	NA
MW-1	11/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	16.86	NA	183.70	NA	NA
MW-1	02/02/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	200.56	12.82	NA	187.74	NA	NA
MW-1	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	12.20	NA	188.36	NA	NA
MW-1	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	15.25	NA	185.31	NA	NA
MW-1	11/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	17.44	NA	183.12	NA	NA
MW-1	02/10/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	<10.0	NA	NA	NA	200.56	12.58	NA	187.98	NA	NA
MW-1	05/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	11.72	NA	188.84	NA	NA
MW-1	08/31/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	14.75	NA	185.81	NA	NA
MW-1	11/08/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	16.61	NA	183.95	NA	NA
MW-1	02/22/2007	<50	NA	<0.50	<1.0	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	200.56	15.41	NA	185.15	NA	NA
MW-1	05/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	16.85	NA	183.71	NA	NA
MW-1	08/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	18.23	NA	182.33	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	11/30/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	18.70	NA	181.86	NA	NA
MW-1	02/04/2008	<50 h	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	200.56	12.06	NA	188.50	NA	NA
MW-1	05/27/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	15.97	NA	184.59	NA	NA
MW-1	08/05/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	16.93	NA	183.63	NA	NA
MW-1	12/03/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	18.83	NA	181.73	NA	NA
MW-1	02/05/2009	<50	NA	2.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	200.56	18.21	NA	182.35	NA	NA
MW-1	05/07/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	14.28	NA	186.28	NA	NA
MW-1	08/07/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	16.80	NA	183.76	NA	NA
MW-1	**02/03/2010**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**<10**	**NA**	**NA**	**NA**	**200.56**	**14.06**	**NA**	**186.50**	**NA**	**NA**
MW-2	02/15/1990	ND	560	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.90	NA	177.37	NA	NA
MW-2	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.69	NA	176.58	NA	NA
MW-2	05/14/1990	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	18.01	NA	176.26	NA	NA
MW-2	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.39	NA	176.88	NA	NA
MW-2	09/12/1990	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	19.00	NA	175.27	NA	NA
MW-2	11/27/1990	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	19.44	NA	174.83	NA	NA
MW-2	03/08/1991	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.96	NA	178.31	NA	NA
MW-2	06/03/1991	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.00	NA	177.27	NA	NA
MW-2	08/30/1991	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	18.95	NA	175.32	NA	NA
MW-2	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	19.55	NA	174.72	NA	NA
MW-2	03/18/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	12.91	NA	181.36	NA	NA
MW-2	05/28/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.25	NA	178.02	NA	NA
MW-2	08/19/1992	<50	NA	<0.5	2	1.2	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	18.21	NA	176.06	NA	NA
MW-2	11/17/1992	<50	NA	<0.5	2	1.2	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	19.15	NA	175.12	NA	NA
MW-2	02/12/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.60	NA	182.67	NA	NA
MW-2	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.14	NA	180.13	NA	NA
MW-2	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.10	NA	178.17	NA	NA
MW-2	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	18.77	NA	175.50	NA	NA
MW-2	02/28/1994	<50	NA	<0.5	<0.5	<0.5	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.35	NA	179.92	NA	NA
MW-2	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.34	NA	177.93	NA	NA
MW-2	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.79	NA	178.48	NA	NA
MW-2	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.04	NA	179.23	NA	NA
MW-2	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	10.08	NA	184.19	NA	NA
MW-2	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.68	NA	182.59	NA	NA
MW-2	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.94	NA	179.33	NA	NA
MW-2	11/10/1995	<50	NA	1.7	0.8	1.4	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.36	NA	180.91	NA	NA
MW-2	02/24/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	9.90	NA	184.37	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.80	NA	182.47	NA	NA
MW-2	08/19/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.08	NA	179.19	NA	NA
MW-2	12/05/1996	<50	NA	1.5	1.6	1.2	5.2	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.16	NA	179.11	NA	NA
MW-2	01/08/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	9.76	NA	184.51	NA	NA
MW-2	02/20/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.47	NA	182.80	NA	NA
MW-2	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.30	NA	179.97	NA	NA
MW-2	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.33	NA	177.94	NA	NA
MW-2	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.54	NA	178.73	NA	NA
MW-2	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	9.43	NA	184.84	NA	NA
MW-2	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.45	NA	182.82	NA	NA
MW-2	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	12.71	NA	181.56	NA	NA
MW-2	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.98	NA	180.29	NA	NA
MW-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.01	NA	179.26	NA	NA
MW-2	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.93	NA	180.34	NA	NA
MW-2	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.22	NA	178.05	NA	NA
MW-2	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.58	NA	176.69	NA	NA
MW-2	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.10	NA	180.17	NA	NA
MW-2	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	12.72	NA	181.55	NA	NA
MW-2	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.39	NA	179.88	NA	NA
MW-2	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.00	NA	177.27	NA	NA
MW-2	02/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.58	NA	180.69	NA	NA
MW-2	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.26	NA	179.01	NA	NA
MW-2	07/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.67	NA	177.60	NA	NA
MW-2	12/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.91	NA	180.36	NA	NA
MW-2	01/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	194.27	12.96	NA	181.31	NA	NA
MW-2	05/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.85	NA	179.42	NA	NA
MW-2	07/25/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.24	NA	178.03	NA	NA
MW-2	11/26/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	18.35	NA	180.60	NA	NA
MW-2	01/29/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	198.95	13.19	NA	185.76	NA	NA
MW-2	06/03/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	14.53	NA	184.42	NA	NA
MW-2	08/27/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	16.46	NA	182.49	NA	NA
MW-2	11/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	17.68	NA	181.27	NA	NA
MW-2	02/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	198.95	13.68	NA	185.27	NA	NA
MW-2	05/03/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	13.82	NA	185.13	NA	NA
MW-2	08/30/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.94	NA	183.01	NA	NA
MW-2	11/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.96	NA	182.99	NA	NA
MW-2	02/02/2005	<50 e	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	198.95	12.24	NA	186.71	NA	NA

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	11.80	NA	187.15	NA	NA
MW-2	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	14.39	NA	184.56	NA	NA
MW-2	11/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	16.52	NA	182.43	NA	NA
MW-2	02/10/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	<10.0	NA	NA	NA	198.95	12.17	NA	186.78	NA	NA
MW-2	05/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	11.61	NA	187.34	NA	NA
MW-2	08/31/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	13.95	NA	185.00	NA	NA
MW-2	11/08/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.67	NA	183.28	NA	NA
MW-2	02/22/2007	<50	NA	<0.50	<1.0	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	198.95	14.54	NA	184.41	NA	NA
MW-2	05/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.97	NA	182.98	NA	NA
MW-2	08/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	17.37	NA	181.58	NA	NA
MW-2	11/30/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	17.80	NA	181.15	NA	NA
MW-2	02/04/2008	<50 h	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	198.95	11.61	NA	187.34	NA	NA
MW-2	05/27/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.25	NA	183.70	NA	NA
MW-2	08/05/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.67	NA	183.28	NA	NA
MW-2	12/03/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	17.91	NA	181.04	NA	NA
MW-2	02/05/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	198.95	17.22	NA	181.73	NA	NA
MW-2	05/07/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	13.50	NA	185.45	NA	NA
MW-2	08/07/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.95	NA	183.00	NA	NA
MW-2	**02/03/2010**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**<10**	**NA**	**NA**	**NA**	**198.95**	**13.06**	**NA**	**185.89**	**NA**	**NA**
MW-3	02/15/1990	4,700	3,100	320	29	110	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.81	NA	176.71	NA	NA
MW-3	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.57	NA	175.95	NA	NA
MW-3	05/14/1990	1,400	60	130	8.6	40	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.97	NA	175.55	NA	NA
MW-3	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.27	NA	176.25	NA	NA
MW-3	09/12/1990	2,000	1,500	58	5.8	16	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	18.78	NA	173.74	NA	NA
MW-3	11/27/1990	540	240	18	1.5	8.7	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	18.27	NA	174.25	NA	NA
MW-3	03/08/1991	3,400	2,100	630	33	270	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.86	NA	177.66	NA	NA
MW-3	06/03/1991	1,700	690 a	260	13	98	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.84	NA	176.68	NA	NA
MW-3	08/30/1991	870	370 a	44	6.1	10	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.79	NA	174.73	NA	NA
MW-3	11/22/1991	310	140	18	1.2	3.3	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	18.40	NA	174.12	NA	NA
MW-3	03/18/1992	67,100	1,900	620	28	220	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	12.03	NA	180.49	NA	NA
MW-3	05/28/1992	2,300	1,100 a	200	9	71	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.16	NA	177.36	NA	NA
MW-3	08/19/1992	5,700	1,000 a	71	77	52	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.03	NA	175.49	NA	NA
MW-3	11/17/1992	3,600	160 a	16	8.6	24	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.94	NA	174.58	NA	NA
MW-3	02/12/1993	4,700	560 a	820	58	130	77	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	9.16	NA	183.36	NA	NA
MW-3	05/10/1993	2,200	NA	310	23	89	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.20	NA	179.32	NA	NA
MW-3	08/18/1993	260	NA	27	2	7	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.93	NA	177.59	NA	NA

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	11/19/1993	1,500a	NA	24	54	37	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.58	NA	174.94	NA	NA
MW-3	02/28/1994	2,700	NA	65	5.2	16	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.30	NA	179.22	NA	NA
MW-3	05/04/1994	780	NA	120	7.5	21	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.25	NA	177.27	NA	NA
MW-3	08/10/1994	920	NA	20	2.3	3	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.63	NA	175.89	NA	NA
MW-3	11/08/1994	1,300	NA	180	16	7	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.88	NA	178.64	NA	NA
MW-3	02/01/1995	1,400	NA	210	8.5	11	8.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	9.25	NA	183.27	NA	NA
MW-3	05/10/1995	460	NA	97	10	1	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.76	NA	181.74	NA	NA
MW-3	08/24/1995	640	NA	68	21	14	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.90	NA	178.62	NA	NA
MW-3	11/10/1995	350	NA	15	2.3	1.2	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.20	NA	176.32	NA	NA
MW-3	02/24/1996	3,300	NA	240	53	38	55	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	8.93	NA	183.59	NA	NA
MW-3	05/22/1996	1,300	NA	110	15	<10	<10	3,500	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.86	NA	181.66	NA	NA
MW-3	08/19/1996	350	NA	15	3.3	3.4	3.3	340	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.97	NA	178.55	NA	NA
MW-3	12/05/1996	290	NA	12	7.6	5.4	16	370	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.06	NA	178.46	NA	NA
MW-3	02/20/1997	980	NA	69	7.9	14	15	3,200	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.60	NA	181.92	NA	NA
MW-3	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.26	NA	179.26	NA	NA
MW-3	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.21	NA	177.31	NA	NA
MW-3	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.49	NA	178.03	NA	NA
MW-3	01/20/1998	3,100	NA	360	1,000	73	420	59,000	NA	NA	NA	NA	NA	NA	NA	NA	192.52	8.43	NA	184.09	NA	NA
MW-3	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.55	NA	181.97	NA	NA
MW-3	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	11.80	NA	180.72	NA	NA
MW-3	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	11.97	NA	180.55	NA	NA
MW-3	02/03/1999	<10,000	NA	840	131	<100	316	27,600	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.55	NA	178.97	NA	2.3
MW-3	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	12.90	NA	179.62	NA	NA
MW-3	08/31/1999	1,550	NA	232	<10.0	125	293	4,620	2,460 b	NA	NA	NA	NA	NA	NA	NA	192.52	14.99	NA	177.53	NA	3.4
MW-3	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.35	NA	176.17	NA	NA
MW-3	02/11/2000	10,900	NA	1,030	<50.0	308	1,000	19,300	NA	NA	NA	NA	NA	NA	NA	NA	192.52	12.85	NA	179.67	NA	1.0
MW-3	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.05	NA	175.47	NA	NA
MW-3	08/31/2000	2,560	NA	165	7.19	77.6	183	4,090	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.26	NA	178.26	NA	c
MW-3	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.75	NA	176.77	NA	NA
MW-3	02/13/2001	5,880	NA	563	<50.0	282	472	8,960	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.05	NA	179.47	NA	3.6
MW-3	05/29/2001	1,800	NA	130	<5.0	84	100	NA	1,900	NA	NA	NA	NA	NA	NA	NA	192.52	13.84	NA	178.68	NA	NA
MW-3	07/30/2001	2,700	NA	250	8.8	130	120	NA	5,200	NA	NA	NA	NA	NA	NA	NA	192.52	15.46	NA	177.06	NA	NA
MW-3	12/12/2001	<10,000	NA	720	<100	260	260	NA	6,600	<100	<100	<100	<1,000	NA	NA	<1,000	192.52	12.93	NA	179.59	NA	NA
MW-3	01/31/2002	11,000	NA	750	14	570	510	NA	5,800	NA	NA	NA	NA	NA	NA	NA	192.52	11.88	NA	180.64	NA	NA
MW-3	05/31/2002	5,100	NA	410	8.6	300	190	NA	3,600	NA	NA	NA	NA	NA	NA	NA	192.52	13.65	NA	178.87	NA	NA
MW-3	07/25/2002	2,100	NA	170	<10	73	33	NA	2,600	NA	NA	NA	NA	NA	NA	NA	197.18	15.04	NA	177.48	NA	NA
MW-3	11/26/2002	510	NA	26	<2.0	<2.0	2.1	NA	940	NA	NA	NA	NA	NA	NA	NA	197.18	17.15	NA	180.03	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	01/29/2003	6,000	NA	460	8.5	250	87	NA	3,500	NA	NA	NA	NA	NA	NA	NA	197.18	12.21	NA	184.97	NA	NA
MW-3	06/03/2003	5,300	NA	350	<25	130	51	NA	2,200	<100	<100	<100	920	<25	<25	<2,500	197.18	13.40	NA	183.78	NA	NA
MW-3	08/27/2003	700 a	NA	100	<5.0	20	<10	NA	810	NA	NA	NA	460	NA	NA	NA	197.18	15.14	NA	182.04	NA	NA
MW-3	11/13/2003	590	NA	36	<2.5	<2.5	<5.0	NA	440	NA	NA	NA	400	NA	NA	NA	197.18	16.46	NA	180.72	NA	NA
MW-3	02/05/2004	<2,500	NA	420	<25	74	<50	NA	2,400	NA	NA	NA	950	NA	NA	NA	197.18	12.84	NA	184.34	NA	NA
MW-3	05/03/2004	2,600	NA	210	<10	42	21	NA	1,600	NA	NA	NA	820	NA	NA	NA	197.18	12.57	NA	184.61	NA	NA
MW-3	08/30/2004	2,100	NA	120	6.8	5.7	11	NA	730	<20	<20	<20	460	NA	NA	NA	197.18	14.76	NA	182.42	NA	NA
MW-3	11/22/2004	2,600	NA	160	5.5	5.1	<10	NA	570	NA	NA	NA	540	NA	NA	NA	197.18	14.58	NA	182.60	NA	NA
MW-3	02/02/2005	4,500	NA	380	17	23	27	NA	1,900	NA	NA	NA	730	NA	NA	NA	197.18	11.48	NA	185.70	NA	NA
MW-3	05/09/2005	63 f	NA	<0.50	<0.50	<0.50	<1.0	NA	21	NA	NA	NA	8.2	NA	NA	NA	197.18	10.86	NA	186.32	NA	NA
MW-3	08/16/2005	3,800	NA	230	11	17	23	NA	840	<40	<40	<40	460	NA	NA	NA	197.18	13.13	NA	184.05	NA	NA
MW-3	11/16/2005	3,400	NA	107	5.16	4.61	7.64	NA	321	NA	NA	NA	166	NA	NA	NA	197.18	15.31	NA	181.87	NA	NA
MW-3	02/10/2006	7,850	NA	326	14.6	27.2	25.6	NA	905	NA	NA	NA	455	NA	NA	NA	197.18	11.14	NA	186.04	NA	NA
MW-3	05/26/2006	11,500	NA	217	16.5	35.3	37.4 g	NA	679	NA	NA	NA	253	NA	NA	NA	197.18	10.39	NA	186.79	NA	NA
MW-3	08/31/2006	4,800	NA	48.8	4.70	7.68	12.2	NA	178	<0.500	<0.500	<0.500	108	NA	NA	NA	197.18	11.92	NA	185.26	NA	NA
MW-3	11/08/2006	1,400	NA	25	<2.5	4.5	<5.0	NA	100	NA	NA	NA	100	NA	NA	NA	197.18	14.56	NA	182.62	NA	NA
MW-3	02/22/2007	1,500	NA	53	4.3	4.6	7.8	NA	160	NA	NA	NA	190	NA	NA	NA	197.18	13.20	NA	183.98	NA	NA
MW-3	05/29/2007	1,600 h	NA	32	3.0	3.1	5.9	NA	52	NA	NA	NA	44	NA	NA	NA	197.18	14.62	NA	182.56	NA	NA
MW-3	08/29/2007	1,100 a,h	NA	19	1.3	1.0	2.3 i	NA	53	<2.0	<2.0	<2.0	52	NA	NA	NA	197.18	16.10	NA	181.08	NA	NA
MW-3	11/30/2007	910 h	NA	26	1.9	1.2	2.61 i	NA	53	NA	NA	NA	54	NA	NA	NA	197.18	16.50	NA	180.68	NA	NA
MW-3	02/04/2008	1,400 h	NA	48	8.5	4.0	6.8	NA	300	NA	NA	NA	110	NA	NA	NA	197.18	10.18	NA	187.00	NA	NA
MW-3	05/27/2008	2,000	NA	70	45	5.0	12.5	NA	170	NA	NA	NA	110	NA	NA	NA	197.18	13.90	NA	183.28	NA	NA
MW-3	08/05/2008	1,200	NA	41	26	2.6	3.5	NA	77	<4.0	<4.0	<4.0	55	NA	NA	NA	197.18	15.04	NA	182.14	NA	NA
MW-3	12/03/2008	630	NA	23	6.4	<1.0	<1.0	NA	60	NA	NA	NA	41	NA	NA	NA	197.18	16.63	NA	180.55	NA	NA
MW-3	02/05/2009	730	NA	27	10	1.3	3.4	NA	48	NA	NA	NA	38	NA	NA	NA	197.18	16.10	NA	181.08	NA	NA
MW-3	05/07/2009	2,200	NA	160	58	5.6	14	NA	350	NA	NA	NA	130	NA	NA	NA	197.18	12.34	NA	184.84	NA	NA
MW-3	06/26/2009	790	NA	64	22	2.6	6.9	NA	91	NA	NA	NA	88	NA	NA	NA	197.18	14.00	NA	183.18	NA	NA
MW-3	08/07/2009	1,500	NA	82	27	3.8	9.8	NA	130	<2.0	<2.0	<2.0	89	NA	NA	NA	197.18	14.75	NA	182.43	NA	NA
MW-3	**02/03/2010**	**1,900**	**NA**	**71**	**16**	**3.9**	**9.0**	**NA**	**430**	**NA**	**NA**	**NA**	**150**	**NA**	**NA**	**NA**	**197.18**	**12.07**	**NA**	**185.11**	**NA**	**NA**
MW-4	02/15/1990	ND	1,200	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.73	NA	176.65	NA	NA
MW-4	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.48	NA	175.89	NA	NA
MW-4	05/14/1990	650	350	160	7	1.9	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.88	NA	175.49	NA	NA
MW-4	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.18	NA	176.19	NA	NA
MW-4	09/12/1990	440	260	91	1.1	0.75	0.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.85	NA	175.52	NA	NA
MW-4	11/27/1990	470	2,400	64	1.2	0.8	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	19.16	NA	174.21	NA	NA
MW-4	03/08/1991	1,100	2,600	330	3.5	88	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.77	NA	177.60	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	06/03/1991	670	1,100	240	2.3	1.6	2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.77	NA	176.60	NA	NA
MW-4	08/30/1991	570	280	64	1.8	0.9	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.71	NA	174.66	NA	NA
MW-4	11/22/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	01/15/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	02/15/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	13.15	NA	180.41	0.24	NA
MW-4	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	04/29/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.22	NA	177.25	0.12	NA
MW-4	05/28/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.05	NA	175.39	0.09	NA
MW-4	08/19/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.89	NA	174.48	NA	NA
MW-4	11/17/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.78	NA	181.59	<0.01	NA
MW-4	02/12/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.20	NA	179.17	0.02	NA
MW-4	06/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.95	NA	177.43	0.01	NA
MW-4	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.48	NA	174.90	0.01	NA
MW-4	11/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.60	NA	178.77	0.01	NA
MW-4	02/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.15	NA	177.22	<0.01	NA
MW-4	05/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.58	NA	175.81	0.02	NA
MW-4	08/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.05	NA	178.36	0.05	NA
MW-4	11/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.71	NA	182.69	0.04	NA
MW-4	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.90	NA	181.52	0.06	NA
MW-4	05/10/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.97	NA	178.42	0.02	NA
MW-4	08/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.27	NA	176.10	<0.01	NA
MW-4	11/10/1995	4,700	NA	100	22	23	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.44	NA	182.95	0.03	NA
MW-4	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.88	NA	181.51	0.03	NA
MW-4	05/22/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.23	NA	178.16	0.02	NA
MW-4	08/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.70	NA	178.69	0.02	NA
MW-4	12/05/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.60	NA	181.79	0.02	NA
MW-4	01/08/1997	<10,000	NA	<100	<100	<100	<100	24,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.91	NA	181.46	NA	NA
MW-4	02/20/1997	<10,000	NA	490	<100	<100	<100	59,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.68	NA	178.69	NA	NA
MW-4	05/30/1997	<2,000	NA	72	<20	<20	<20	6,100	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.07	NA	178.30	NA	NA
MW-4	08/18/1997	<5,000	NA	150	570	<50	130	31,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.87	NA	177.50	NA	NA
MW-4	11/03/1997	32,000	NA	1,100	6,100	640	3,600	78,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.25	NA	183.62	0.62	NA
MW-4	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.62	NA	181.80	0.06	NA
MW-4	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	13.93	NA	179.51	0.09	NA
MW-4	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.07	14.03	179.33	0.04	NA
MW-4	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.84	15.81	177.55	0.03	NA
MW-4	12/09/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.58	15.55	177.81	0.03	NA
MW-4	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						

WELL CONCENTRATIONS
Shell-branded Service Station
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.04	14.02	179.35	0.02	NA
MW-4	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.15	16.12	177.24	0.03	NA
MW-4	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.41	17.31	176.04	0.10	NA
MW-4	02/11/2000	47,200	NA	905	<200	479	3,690	27,400	30,300b	NA	NA	NA	NA	NA	NA	NA	193.37	14.82	NA	178.55	NA	0.6
MW-4	05/04/2000	30,800	NA	1,650	<100	574	3,310	28,600	31,200b	NA	NA	NA	NA	NA	NA	NA	193.37	12.64	NA	180.73	NA	2.1
MW-4	08/31/2000	5,470	NA	366	<10.0	296	834	3,950	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.47	NA	176.90	NA	c
MW-4	11/30/2000	20,700	NA	525	<50.0	447	1,570	2,440	4,280b	NA	NA	NA	NA	NA	NA	NA	193.37	17.67	NA	175.70	NA	3.3
MW-4	02/13/2001	16,200	NA	909	<50.0	514	2,390	21,300	20,300	NA	NA	NA	NA	NA	NA	NA	193.37	13.30	NA	180.07	NA	2.4
MW-4	05/29/2001	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	05/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.08	15.03	178.33	0.05	NA
MW-4	07/30/2001	6,700	NA	260	5.7	190	280	NA	3,900	NA	NA	NA	NA	NA	NA	NA	193.37	16.29	16.28	177.09	0.01	NA
MW-4	12/12/2001	15,000	NA	1,300	<50	520	990	NA	20,000	NA	NA	NA	NA	NA	NA	NA	193.37	13.81	NA	179.56	NA	NA
MW-4	01/31/2002	12,000	NA	1,500	<25	570	800	NA	12,000	NA	NA	NA	NA	NA	NA	NA	193.37	12.80	NA	180.57	NA	NA
MW-4	05/31/2002	8,200	NA	1,100	<20	380	340	NA	8,100	NA	NA	NA	NA	NA	NA	NA	193.37	14.59	NA	178.78	NA	NA
MW-4	07/25/2002	3,300	NA	290	<10	98	74	NA	2,600	NA	NA	NA	NA	NA	NA	NA	193.37	15.94	NA	177.43	NA	NA
MW-4	11/26/2002	1,400	NA	89	2.9	14	14	NA	770	NA	NA	NA	NA	NA	NA	NA	198.03	18.10	NA	179.93	NA	NA
MW-4	01/29/2003	7,400	NA	1,400	<20	140	200	NA	8,900	NA	NA	NA	NA	NA	NA	NA	198.03	13.08	NA	184.95	NA	NA
MW-4	06/03/2003	5,600	NA	990	<10	110	53	NA	3,700	<40	<40	<40	760	<10	<10	<1,000	198.03	14.29	NA	183.74	NA	NA
MW-4	08/27/2003	1,500	NA	220	<10	31	<20	NA	1,100	NA	NA	NA	380	NA	NA	NA	198.03	16.14	NA	181.89	NA	NA
MW-4	11/13/2003	3,100	NA	140	<2.5	4.3	5.2	NA	340	NA	NA	NA	140	NA	NA	NA	198.03	17.35	NA	180.68	NA	NA
MW-4	02/05/2004	3,700	NA	560	<10	18	<20	NA	2,100	NA	NA	NA	2,000	NA	NA	NA	198.03	13.52	NA	184.51	NA	NA
MW-4	05/03/2004	9,300	NA	1,400	91	25	31	NA	2,400	NA	NA	NA	1,700	NA	NA	NA	198.03	12.65	NA	185.38	NA	NA
MW-4	08/30/2004	2,700	NA	270	17	8.6	6.7	NA	540	<10	<10	<10	670	NA	NA	NA	198.03	15.64	NA	182.39	NA	NA
MW-4	11/22/2004	2,200	NA	310	7.8	3.0	<5.0	NA	340	NA	NA	NA	790	NA	NA	NA	198.03	15.72	NA	182.31	NA	NA
MW-4	02/02/2005	12,000	NA	1,200	85	31	<20	NA	1,600	NA	NA	NA	1,900	NA	NA	NA	198.03	12.68	NA	185.35	NA	NA
MW-4	05/09/2005	5,800	NA	800	100	35	35	NA	530	NA	NA	NA	970	NA	NA	NA	198.03	11.80	NA	186.23	NA	NA
MW-4	08/16/2005	4,800	NA	640	59	30	18	NA	310	<20	<20	<20	510	NA	NA	NA	198.03	14.22	NA	183.81	NA	NA
MW-4	11/16/2005	4,910	NA	113	11.5	9.88	9.47	NA	67.4	NA	NA	NA	192	NA	NA	NA	198.03	16.17	NA	181.86	NA	NA
MW-4	02/10/2006	9,160	NA	818	25.4	17.9	14.2	NA	655	NA	NA	NA	821	NA	NA	NA	198.03	12.05	NA	185.98	NA	NA
MW-4	05/26/2006	9,770	NA	665	21.0	35.2	16.8	NA	487	NA	NA	NA	538	NA	NA	NA	198.03	11.30	NA	186.73	NA	NA
MW-4	08/31/2006	7,560	NA	369	17.4	15.1	14.4	NA	92.6	<0.500	<0.500	<0.500	240	NA	NA	NA	198.03	13.57	NA	184.46	NA	NA
MW-4	11/08/2006	3,800	NA	87	6.8	4.0	6.9	NA	37	NA	NA	NA	<5.0	NA	NA	NA	198.03	15.36	NA	182.67	NA	NA
MW-4	02/22/2007	2,700	NA	30	3.4	2.1	4.9	NA	25	NA	NA	NA	320	NA	NA	NA	198.03	14.29	NA	183.74	NA	NA
MW-4	05/29/2007	2,200 h	NA	20	1.1	0.61 j	1.81 j	NA	9.6	NA	NA	NA	130	NA	NA	NA	198.03	15.66	NA	182.37	NA	NA
MW-4	08/29/2007	2,300 a,h	NA	6.1	0.33 j	<1.0	0.23 j	NA	<1.0	<2.0	<2.0	<2.0	13	NA	NA	NA	198.03	17.02	NA	181.01	NA	NA
MW-4	11/30/2007	1,900 h	NA	9.2	0.49 j	0.27 j	0.93 j	NA	4.8	NA	NA	NA	21	NA	NA	NA	198.03	17.40	NA	180.63	NA	NA
MW-4	05/27/2008	2,200	NA	210	28	<2.0	<2.0	NA	94	NA	NA	NA	390	NA	NA	NA	198.03	15.00	NA	183.03	NA	NA

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MW-4	08/05/2008	1,600	NA	26	4.6	<2.0	<2.0	NA	24	<4.0	<4.0	<4.0	180	NA	NA	NA	198.03	15.85	NA	182.18	NA	NA
MW-4	12/03/2008	920	NA	14	<1.0	<1.0	<1.0	NA	4.7	NA	NA	NA	<10	NA	NA	NA	198.03	17.52	NA	180.51	NA	NA
MW-4	02/05/2009	1,300	NA	15	<1.0	<1.0	<1.0	NA	8.7	NA	NA	NA	42	NA	NA	NA	198.03	16.98	NA	181.05	NA	NA
MW-4	05/07/2009	2,900	NA	140	3.9	<1.0	1.3	NA	71	NA	NA	NA	420	NA	NA	NA	198.03	13.30	NA	184.73	NA	NA
MW-4	06/26/2009	6,300	NA	190	6.7	<2.0	<2.0	NA	24	NA	NA	NA	130	NA	NA	NA	198.03	15.00	NA	183.03	NA	NA
MW-4	08/07/2009	1,400	NA	62	3.2	<1.0	<1.0	NA	23	<2.0	<2.0	<2.0	290	NA	NA	NA	198.03	15.64	NA	182.39	NA	NA
MW-4	**02/03/2010**	**2,800**	**NA**	**70**	**2.4**	**<1.0**	**2.8**	**NA**	**31**	**NA**	**NA**	**NA**	**310**	**NA**	**NA**	**NA**	**198.03**	**12.15**	**NA**	**185.88**	**NA**	**NA**
MW-5	08/30/1991	ND	80	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	16.74	NA	173.61	NA	NA
MW-5	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	17.27	NA	173.08	NA	NA
MW-5	03/18/1992	<30	<50	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	11.28	NA	179.07	NA	NA
MW-5	05/28/1992	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	NA	NA	NA	NA	NA
MW-5	08/19/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.99	NA	174.36	NA	NA
MW-5	11/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	16.84	NA	173.51	NA	NA
MW-5	02/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	10.30	NA	180.05	NA	NA
MW-5	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.36	NA	177.99	NA	NA
MW-5	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.02	NA	176.33	NA	NA
MW-5	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	16.50	NA	173.85	NA	NA
MW-5	02/28/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.55	NA	177.80	NA	NA
MW-5	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.27	NA	176.08	NA	NA
MW-5	08/10/1994	70a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.60	NA	174.75	NA	NA
MW-5	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.85	NA	177.50	NA	NA
MW-5	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	8.98	NA	181.37	NA	NA
MW-5	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	10.16	NA	180.19	NA	NA
MW-5	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.98	NA	177.37	NA	NA
MW-5	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.12	NA	175.23	NA	NA
MW-5	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	NA	NA	NA	NA	NA
MW-5	05/22/1996	<2,000	NA	<20	<20	<20	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	10.10	NA	180.25	NA	NA
MW-5	08/19/1996	<2,500	NA	<25	<25	<25	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	13.09	NA	177.26	NA	NA
MW-5	12/05/1996	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	13.31	NA	177.04	NA	NA
MW-5	02/20/1997	<1,000	NA	<10	<10	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	9.55	NA	180.80	NA	NA
MW-5	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.40	NA	177.95	NA	NA
MW-5	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.19	NA	176.16	NA	NA
MW-5	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	13.66	NA	176.69	NA	NA
MW-5	01/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	1,600	NA	NA	NA	NA	NA	NA	NA	NA	190.35	8.06	NA	182.29	NA	NA
MW-5	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	9.95	NA	180.40	NA	NA
MW-5	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	11.10	NA	179.25	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.21	NA	178.14	NA	NA
MW-5	02/03/1999	<500	NA	<5.00	<5.00	<5.00	<5.00	2850	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.99	NA	177.36	NA	2.4
MW-5	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.08	NA	178.27	NA	NA
MW-5	08/31/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	4,260	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.05	NA	176.30	NA	2.7
MW-5	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.41	NA	174.94	NA	NA
MW-5	02/11/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.42	NA	177.93	NA	1.7
MW-5	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	11.13	NA	179.22	NA	NA
MW-5	08/31/2000	<500	NA	<5.00	<5.00	<5.00	<5.00	13,000	15,700b	NA	NA	NA	NA	NA	NA	NA	190.35	13.53	NA	176.82	NA	c
MW-5	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.65	NA	175.70	NA	NA
MW-5	02/13/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	2,440	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.05	NA	178.30	NA	4.1
MW-5	05/29/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	1,300	NA	NA	NA	NA	NA	NA	NA	190.35	13.26	NA	177.09	NA	NA
MW-5	07/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	310	NA	NA	NA	NA	NA	NA	NA	190.35	14.49	NA	175.86	NA	NA
MW-5	12/12/2001	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	350	NA	NA	NA	NA	NA	NA	NA	190.35	12.08	NA	178.27	NA	NA
MW-5	01/31/2002	61	NA	<0.50	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	NA	NA	NA	190.35	11.29	NA	179.06	NA	NA
MW-5	05/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	NA	190.35	12.75	NA	177.60	NA	NA
MW-5	07/25/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	190	NA	NA	NA	NA	NA	NA	NA	190.35	14.12	NA	176.23	NA	NA
MW-5	11/26/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.01	16.17	NA	178.84	NA	NA
MW-5	12/06/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	24	NA	NA	NA	NA	NA	NA	NA	195.01	16.39	NA	178.62	NA	NA
MW-5	01/29/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	100	NA	NA	NA	NA	NA	NA	NA	195.01	11.20	NA	183.81	NA	NA
MW-5	06/03/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	120	<10	<10	<10	2,200	<2.5	<2.5	<250	195.01	12.53	NA	182.48	NA	NA
MW-5	08/27/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	19	NA	NA	NA	180	NA	NA	NA	195.01	14.32	NA	180.69	NA	NA
MW-5	11/13/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	46	NA	NA	NA	195.01	15.48	NA	179.53	NA	NA
MW-5	02/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	17	NA	NA	NA	790	NA	NA	NA	195.01	11.88	NA	183.13	NA	NA
MW-5	05/03/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	32	NA	NA	NA	1,300	NA	NA	NA	195.01	11.92	NA	183.09	NA	NA
MW-5	08/30/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	7.8	<2.0	<2.0	<2.0	95	NA	NA	NA	195.01	13.82	NA	181.19	NA	NA
MW-5	11/22/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.1	NA	NA	NA	60	NA	NA	NA	195.01	13.89	NA	181.12	NA	NA
MW-5	02/02/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.3	NA	NA	NA	400	NA	NA	NA	195.01	10.30	NA	184.71	NA	NA
MW-5	05/09/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	24	NA	NA	NA	195.01	10.20	NA	184.81	NA	NA
MW-5	08/16/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.4	<2.0	<2.0	<2.0	37	NA	NA	NA	195.01	12.42	NA	182.59	NA	NA
MW-5	11/16/2005	201	NA	<0.500	<0.500	<0.500	<0.500	NA	1.23	NA	NA	NA	31.1	NA	NA	NA	195.01	14.28	NA	180.73	NA	NA
MW-5	02/10/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	2.32	NA	NA	NA	97.3	NA	NA	NA	195.01	10.58	NA	184.43	NA	NA
MW-5	05/26/2006	<50.0	NA	<0.500	<0.500	<0.500	0.950 g	NA	10.8	NA	NA	NA	104	NA	NA	NA	195.01	9.98	NA	185.03	NA	NA
MW-5	08/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	6.69	<0.500	<0.500	<0.500	31.4	NA	NA	NA	195.01	12.02	NA	182.99	NA	NA
MW-5	11/08/2006	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.3	NA	NA	NA	<5.0	NA	NA	NA	195.01	13.41	NA	181.60	NA	NA
MW-5	02/22/2007	<50	NA	<0.50	<1.0	<0.50	<1.0	NA	0.81	NA	NA	NA	<5.0	NA	NA	NA	195.01	12.32	NA	182.69	NA	NA
MW-5	05/29/2007	<50 h	NA	<0.50	<1.0	<1.0	<1.0	NA	0.33 j	NA	NA	NA	<10	NA	NA	NA	195.01	13.78	NA	181.23	NA	NA
MW-5	08/29/2007	<50 h	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	195.01	15.11	NA	179.90	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	11/30/2007	<50 h	NA	0.18 i	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	195.01	15.47	NA	179.54	NA	NA
MW-5	02/04/2008	<50 h	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	195.01	9.59	NA	185.42	NA	NA
MW-5	05/27/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	195.01	13.20	NA	181.81	NA	NA
MW-5	08/05/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	195.01	14.06	NA	180.95	NA	NA
MW-5	12/03/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	195.01	15.20	NA	179.81	NA	NA
MW-5	02/05/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	195.01	15.10	NA	179.91	NA	NA
MW-5	05/07/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	195.01	11.60	NA	183.41	NA	NA
MW-5	08/07/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	195.01	13.85	NA	181.16	NA	NA
MW-5	**02/03/2010**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**<10**	**NA**	**NA**	**NA**	**195.01**	**11.50**	**NA**	**183.51**	**NA**	**NA**
MW-6	09/21/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.64	NA	174.41	NA	NA
MW-6	11/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	02/28/1994	98a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.18	NA	176.87	NA	NA
MW-6	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.62	NA	175.43	NA	NA
MW-6	08/10/1994	80a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.98	NA	174.07	NA	NA
MW-6	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.20	NA	176.85	NA	NA
MW-6	02/01/1995	120	NA	3.5	21	3.4	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	8.70	NA	180.35	NA	NA
MW-6	05/10/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	9.86	NA	179.19	NA	NA
MW-6	08/24/1995	80	NA	<0.5	<0.5	1.8	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.46	NA	176.59	NA	NA
MW-6	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.56	NA	174.49	NA	NA
MW-6	11/10/1995	60	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.56	NA	174.49	NA	NA
MW-6	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	290	NA	NA	NA	NA	NA	NA	NA	NA	189.05	10.23	NA	178.82	NA	NA
MW-6	08/19/1996	<1,250	NA	<12	<12	<12	<12	1,100	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.61	NA	176.44	NA	NA
MW-6	12/05/1996	<125	NA	<1.2	<1.2	<1.2	<1.2	440	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.47	NA	176.58	NA	NA
MW-6	02/20/1997	<100	NA	<1.0	<1.0	<1.0	<1.0	480	NA	NA	NA	NA	NA	NA	NA	NA	189.05	9.85	NA	179.20	NA	NA
MW-6	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	11.96	NA	177.09	NA	NA
MW-6	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.65	NA	175.40	NA	NA
MW-6	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	01/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	340	NA	NA	NA	NA	NA	NA	NA	NA	189.05	7.76	NA	181.29	NA	NA
MW-6	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	9.85	NA	179.20	NA	NA
MW-6	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	10.99	NA	178.06	NA	NA
MW-6	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	11.36	NA	177.69	NA	NA
MW-6	02/03/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	06/04/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	06/22/1999	<5,000	NA	<50.0	<50.0	<50.0	<50.0	2,800	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.15	NA	176.90	NA	2.1
MW-6	08/31/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	3,390	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.62	NA	175.43	NA	2.5

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-6	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.98	NA	174.07	NA	NA
MW-6	02/11/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.00	NA	177.05	NA	1.1
MW-6	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	10.94	NA	178.11	NA	NA
MW-6	08/31/2000	<250	NA	<2.50	<2.50	<2.50	<2.50	4,460	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.19	NA	175.86	NA	c
MW-6	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.28	NA	174.77	NA	NA
MW-6	02/13/2001	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	02/16/2001	<500	NA	<5.00	<5.00	<5.00	<5.00	3,910	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.10	NA	176.95	NA	3.8
MW-6	05/29/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	2,000	NA	NA	NA	NA	NA	NA	NA	189.05	12.94	NA	176.11	NA	NA
MW-6	07/30/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	2,700	NA	NA	NA	NA	NA	NA	NA	189.05	14.10	NA	174.95	NA	NA
MW-6	12/12/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	2,100	<5.0	<5.0	<5.0	97	NA	NA	<500	189.05	12.11	NA	176.94	NA	NA
MW-6	01/31/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	2,000	NA	NA	NA	NA	NA	NA	NA	189.05	11.16	NA	177.89	NA	NA
MW-6	05/31/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	1,800	NA	NA	NA	NA	NA	NA	NA	189.05	12.52	NA	176.53	NA	NA
MW-6	07/25/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	1,800	NA	NA	NA	NA	NA	NA	NA	189.05	13.68	NA	175.37	NA	NA
MW-6	11/26/2002	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.75	NA	NA	NA	NA	NA
MW-6	12/06/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	NA	NA	NA	193.75	16.01	NA	177.74	NA	NA
MW-6	01/29/2003	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.75	NA	NA	NA	NA	NA
MW-6	02/05/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	NA	NA	NA	NA	NA	NA	NA	193.75	11.71	NA	182.04	NA	NA
MW-6	06/03/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	69	<2.0	<2.0	<2.0	970	<0.50	<0.50	<50	193.75	12.33	NA	181.42	NA	NA
MW-6	08/27/2003	130	NA	<1.3	<1.3	<1.3	<2.5	NA	28	NA	NA	NA	880	NA	NA	NA	193.75	13.83	NA	179.92	NA	NA
MW-6	11/13/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.8	NA	NA	NA	710	NA	NA	NA	193.75	15.05	NA	178.70	NA	NA
MW-6	02/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	290	NA	NA	NA	193.75	11.44	NA	182.31	NA	NA
MW-6	05/03/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	10	NA	NA	NA	200	NA	NA	NA	193.75	11.74	NA	182.01	NA	NA
MW-6	08/30/2004	78 e	NA	<0.50	<0.50	<0.50	<1.0	NA	4.9	<2.0	<2.0	<2.0	120	NA	NA	NA	193.75	13.52	NA	180.23	NA	NA
MW-6	11/22/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.6	NA	NA	NA	110	NA	NA	NA	193.75	13.65	NA	180.10	NA	NA
MW-6	02/02/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	95	NA	NA	NA	193.75	10.78	NA	182.97	NA	NA
MW-6	05/09/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.1	NA	NA	NA	<5.0	NA	NA	NA	193.75	10.10	NA	183.65	NA	NA
MW-6	08/16/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	3.6	<2.0	<2.0	<2.0	27	NA	NA	NA	193.75	12.05	NA	181.70	NA	NA
MW-6	11/16/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.52	NA	NA	NA	12.5	NA	NA	NA	193.75	13.85	NA	179.90	NA	NA
MW-6	02/10/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	3.34	NA	NA	NA	35.4	NA	NA	NA	193.75	10.39	NA	183.36	NA	NA
MW-6	05/26/2006	<50.0	NA	<0.500	<0.500	<0.500	0.830 g	NA	1.63	NA	NA	NA	11.5	NA	NA	NA	193.75	9.73	NA	184.02	NA	NA
MW-6	08/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	4.09	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	193.75	11.74	NA	182.01	NA	NA
MW-6	11/08/2006	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.0	NA	NA	NA	7.4	NA	NA	NA	193.75	13.16	NA	180.59	NA	NA
MW-6	02/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.8	NA	NA	NA	<5.0	NA	NA	NA	193.75	11.90	NA	181.85	NA	NA
MW-6	05/29/2007	<50 h	NA	<0.50	<1.0	<0.50	<1.0	NA	1.4	NA	NA	NA	<10	NA	NA	NA	193.75	13.40	NA	180.35	NA	NA
MW-6	08/29/2007	<50 h	NA	<0.50	<1.0	<1.0	<1.0	NA	0.76 i	<2.0	<2.0	<2.0	<10	NA	NA	NA	193.75	14.62	NA	179.13	NA	NA
MW-6	11/30/2007	<50 h	NA	0.16 i	<1.0	<1.0	<1.0	NA	0.57 i	NA	NA	NA	<10	NA	NA	NA	193.75	14.81	NA	178.94	NA	NA
MW-6	02/04/2008	<50 h	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	193.75	9.26	NA	184.49	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-6	05/27/2008	Well Inaccessible			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.75	NA	NA	NA	NA	NA
MW-6	08/05/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	193.75	13.55	NA	180.20	NA	NA
MW-6	12/03/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	193.75	15.12	NA	178.63	NA	NA
MW-6	02/05/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	NA	NA	193.75	14.72	NA	179.03	NA	NA
MW-6	05/07/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	1.1	NA	NA	NA	<10	NA	NA	NA	193.75	11.28	NA	182.47	NA	NA
MW-6	08/07/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	193.75	13.57	NA	180.18	NA	NA
MW-6	**02/03/2010**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**1.0**	**NA**	**NA**	**NA**	**<10**	**NA**	**NA**	**NA**	**193.75**	**11.58**	**NA**	**182.17**	**NA**	**NA**
MW-7	05/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	197.44	10.09	NA	187.35	NA	NA
MW-7	05/26/2006	1,250	NA	<0.500	<0.500	0.530	1.21	NA	15.3	NA	NA	NA	17.4	NA	NA	NA	197.44	10.41	NA	187.03	NA	NA
MW-7	08/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	<10.0	NA	NA	NA	197.44	12.90	NA	184.54	NA	NA
MW-7	11/08/2006	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	197.44	14.55	NA	182.89	NA	NA
MW-7	02/22/2007	<50	NA	<0.50	<1.0	<0.50	<1.0	NA	1.4	NA	NA	NA	<5.0	NA	NA	NA	197.44	13.37	NA	184.07	NA	NA
MW-7	05/29/2007	61 h	NA	<0.50	<1.0	<1.0	<1.0	NA	1.7	NA	NA	NA	<10	NA	NA	NA	197.44	14.82	NA	182.62	NA	NA
MW-7	08/29/2007	7,200 a,h	NA	<0.50	<1.0	0.30 i	<1.0	NA	5.1	<2.0	<2.0	<2.0	18	NA	NA	NA	197.44	16.03	NA	181.41	NA	NA
MW-7	11/30/2007	86 h	NA	0.26 i	<1.0	<1.0	<1.0	NA	1.4	NA	NA	NA	<10	NA	NA	NA	197.44	16.61	NA	180.83	NA	NA
MW-7	02/04/2008	<50 h	NA	<0.50	<1.0	<1.0	<1.0	NA	6.5	NA	NA	NA	<10	NA	NA	NA	197.44	10.36	NA	187.08	NA	NA
MW-7	05/27/2008	520	NA	<0.50	<1.0	<1.0	<1.0	NA	17	NA	NA	NA	35	NA	NA	NA	197.44	14.11	NA	183.33	NA	NA
MW-7	08/05/2008	510	NA	<0.50	<1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	<10	NA	NA	NA	197.44	15.10	NA	182.34	NA	NA
MW-7	12/03/2008	130	NA	<0.50	<1.0	<1.0	<1.0	NA	5.5	NA	NA	NA	15	NA	NA	NA	197.44	16.75	NA	180.69	NA	NA
MW-7	02/05/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	1.3	NA	NA	NA	<10	NA	NA	NA	197.44	16.17	NA	181.27	NA	NA
MW-7	05/07/2009	87	NA	<0.50	<1.0	<1.0	<1.0	NA	31	NA	NA	NA	30	NA	NA	NA	197.44	12.45	NA	184.99	NA	NA
MW-7	08/07/2009	140	NA	<0.50	<1.0	<1.0	<1.0	NA	20	<2.0	<2.0	<2.0	33	NA	NA	NA	197.44	14.83	NA	182.61	NA	NA
MW-7	**02/03/2010**	**110**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**9.1**	**NA**	**NA**	**NA**	**14**	**NA**	**NA**	**NA**	**197.44**	**12.08**	**NA**	**185.36**	**NA**	**NA**
T-1	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
T-1	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	02/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	07/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	12/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	01/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	05/22/2002 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.07	NA	NA	NA	NA	NA
T-2	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.50	NA	NA	NA	NA
T-2	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	02/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	07/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	12/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	01/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.47	NA	NA	NA	NA	NA
T-2	05/22/2002 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 29, 2001, analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 29, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
1,2-DCA = 1,2-dichloroethane, analyzed by EPA Method 8260B
EDB = Ethylene dibromide, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable
ND = Not detected at or above the minimum quantitation limits.

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)

Notes:

a = Chromatogram patterns indicate an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.

b = Sample was analyzed outside the EPA recommended holding time.

c = DO Readings not taken this event.

d = Survey date only.

e = Sample contains discrete peak in gasoline range.

f = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

g = Analyte was detected in the associated Method Blank.

h = Analyzed by EPA Method 8015B (M).

i = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Ethanol analyzed by EPA Method 8260B.

Site surveyed May 22, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

When separate-phase hydrocarbons are present, ground water elevation is adjusted using the relation: Corrected ground water elevation = Top-of-casing elevation - depth to water + (0.8 x hydrocarbon thickness).

Well MW-7 2Q06 survey data provided by Cambria Environmental Technology, Inc.

TABLE 3

GROUNDWATER ANALYTICAL DATA - TRPH AND SVOCS
SHELL-BRANDED SERVICE STATION
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Sample ID	*Date*	*TRPH (mg/L)*	*Bis(2-ethylhexyl) phthalate*	*2-Methyl-naphthalene*	*1-Methyl-naphthalene*	*4-Methylphenol*	*Benzoic acid*	*Naphthalene*	*Phenol*
MW-3	8/19/1996	9.2	<100	<50	---	<50	<10	<50	<50
MW-3	12/5/1996	6.1	<100	<50	---	<50	<10	<50	<50
MW-3	2/20/1997	<5.0	<100	<50	---	<50	<10	23	<50
MW-3	5/30/1997	---	---	---	---	---	<10	---	---
MW-3	8/18/1997	---	---	---	---	---	<10	---	---
MW-3	1/20/1998	<5.0	<100	<50	---	<50	<10	13	<50
MW-3	2/11/1999	<5.0	<100	<50	---	<50	<10	13	19
MW-3	8/5/1999	<5.0	---	---	---	---	<10	---	---
MW-3	2/11/2000	11.7	20.9	8.42	---	8.22	<10	52.1	26.3
MW-3	2/13/2001	<5.0	22	8.4	---	<50	<10	39	<50
MW-3	1/31/2002[a]	3.6	23	22	---	<10	<10	140	<10
MW-3	1/29/2003[b]	3.3	23	23	---	---	<10	91	<10
MW-3	2/5/2004[b]	2.3	<10	4.9	---	<2.0	<10	14	<2.0
MW-3	2/2/2005[b]	<2.0	<10	6.6	---	<2.0	<10	19	<2.0
MW-3	2/10/2006	4.66	<10	49.8	34.3	<10.0[c]	---	58.3	<10.0
MW-3	2/22/2007	<5.0	<5.0	<5.0	---	<5.0	23	<10	<5.0
MW-3	2/4/2008	1.6	<10	<10	<10	<10	<50	<10	<10
MW-3	2/5/2009	5.4	38	<10	<10	---	<50	<10	<10
MW-3	2/3/2010	1.1	<10	<10	<10	---	<50	<10	<10
MW-4	8/19/1996	---	---	---	---	---	<10	---	---
MW-4	12/5/1996	---	<100	<50	---	<50	<10	<50	<50
MW-4	2/20/1997	8.7	<100	<50	---	<50	<10	5.6	<50
MW-4	5/30/1997	8.1	<100	<50	---	<50	<10	<50	<50
MW-4	8/18/1997	67	<100	<50	---	<50	<10	<50	<50
MW-4	1/20/1998	---	---	---	---	---	<10	---	---
MW-4	2/11/1999	---	---	---	---	---	<10	---	---
MW-4	8/5/1999	---	---	---	---	---	<10	---	---
MW-4	2/11/2000	178	14	42.2	---	<50	<10	158	32.4
MW-4	2/13/2001	13.3	410	<50	---	<50	<10	160	<50
MW-4	1/31/2002[a]	21	260	29	---	<10	<10	190	<10
MW-4	1/29/2003[b]	16	38	23	---	---	<10	140	<10
MW-4	2/5/2004[b]	13	<10	4.7	---	<2.0	<10	31	<2.0
MW-4	2/2/2005[b]	12	<10	7.3	---	<2.0	<10	39	3.9
MW-4	2/10/2006	91.5	140	12.6	42.5	<10.0[c]	---	18.0	<10.0
MW-4	2/22/2007	32	39	<5.0	---	<5.0	<20	<10	<5.0
MW-4	2/4/2008	2.8	<10	<10	11	<10	<50	<10	<10
MW-4	2/5/2009	15	10	<10	<10	---	<50	<10	<10
MW-4	2/3/2010	7.1	<10	<10	<10	---	<50	<10	<10
MW-5	2/22/2007	<5.0	<5.0	<5.0	---	<5	<20	<10	<5.0
MW-5	2/4/2008	1.0	<10	<10	<10	<10	<50	<10	<10
MW-5	2/5/2009	<1.0	350	<10	<10	---	<50	<10	<10
MW-5	2/3/2010	<1.0	<10	<10	<10	---	<50	<10	<10
MW-6	2/22/2007	<5.0	<5.0	<5.0	---	<5.0	<20	<10	<5.0
MW-6	2/4/2008	1.0	<10	<10	<10	<10	<50	<10	<10
MW-6	2/5/2009	<1.0	<10	<10	<10	---	<50	<10	<10
MW-6	2/3/2010	<1.0	<10	<10	<10	---	<50	<10	<10
Groundwater ESL[d]		210	32	21	NA	NA	NA	24	260

TABLE 3

GROUNDWATER ANALYTICAL DATA - TRPH AND SVOCS
SHELL-BRANDED SERVICE STATION
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Notes:

All results in micrograms per liter (µg/l) unless otherwise indicated.
TRPH = Total recoverable petroleum hydrocarbons; analyzed by EPA Method 418.1 or 1664A, unless otherwise noted.
SVOCs = Semi-volatile organic compounds analyzed by 8270C; all detected constituents tabulated..
mg/L = Milligrams per liter
<x = Not detected at reporting limit x
--- = Not analyzed
ESL = Environmental screening level
NA = No applicable ESL
Results in bold equal or exceed applicable ESL

a = Hexane extractable material analyzed by EPA Method 1664
b = Oil and grease analyzed by SM5520B/F and treated with silica gel.
c = Reported as 3/4-Methylphenol
d = San Francisco Bay Regional Water Quality Control Board ESL for groundwater where groundwater is not a source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 4

GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION,
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	O&G	TPHd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	2-Methyl-naphthalene	Naphth-alene
BH-A	9/9/1993	<5,000	2,900[a]	4,900	18	<5	54	11	--	--	--	--	--	--	--	--	13	23
BH-B	9/9/1993	<5,000	150	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	<10	<10
BH-C	9/10/1993	<5,000[b]/<5,000[c]	100	640[d]	3.5	<0.5	0.6	<0.5	--	--	--	--	--	--	--	--	<10	<10
BH-D	9/10/1993	24,000[b]/20,000[c]	25,000[a]	24,000[d]	720	86	44	11	--	--	--	--	--	--	--	--	75	18
SB-3-W	9/28/2005	--	--	2,700	<0.50	<0.50	<0.50	<1.0	4.0	3,400	<2.0	<2.0	<2.0	<0.50	<0.50	<50	--	--
SB-6-W[e]	9/28/2005	--	--	71	<0.50	0.81	<0.50	<1.0	3.8	370	<2.0	<2.0	<2.0	<0.50	<0.50	<50	--	--
SB-7-W	9/28/2005	--	--	<500	<0.50	<0.50	1.4	<1.0	1.3	65	<2.0	<2.0	<2.0	<0.50	2.9	<50	--	--
SB-1-W	9/29/2005	--	--	290	<0.50	0.86	0.63	2.2	4.0	5.4	<2.0	<2.0	<2.0	<0.50	<0.50	<50	--	--
SB-2-W	9/29/2005	--	--	9,900	<20	<20	91	<40	110	<200	210	<80	<80	<20	<20	<2,000	--	--
SB-8-W	9/29/2005	--	--	43,000	170	<10	15	34	340	180	380	<40	<40	<10	<10	<5,000	--	--
Groundwater ESL		NA	210	210	46	130	43	100	1,800	18,000	NA	NA	NA	200	150	NA	21	24

Notes:

All results in micrograms per liter (µg/l) unless otherwise indicated.
O&G = Total oil and grease analyzed by EPA Method 5520 unless otherwise noted
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; before 2005 analyzed by EPA Method 8015
Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B; before 2005 analyzed by EPA Method 8020
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane 1,2-DCA analyzed by EPA Method 8260B
EDB = 1,2-dibromoethane analyzed by EPA Method 8260B
Ethanol analyzed by EPA Method 8260B

TABLE 4

GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION,
6039 COLLEGE AVENUE, OAKLAND, CALIFORNIA

Semi-volatile organic compounds analyzed by EPA Method 8270; all detections tabulated.
<x = Not detected at reporting limit x
ESL = Environmental screening level
NA = No applicable ESL
Results in **bold** equal or exceed applicable ESL

a = Not characteristic of standard diesel pattern
b = Total oil and grease analyzed by EPA Method 5520B
c = Non-polar oil and grease analyzed by EPA Method 5520B/F
d = Atypical gasoline pattern
e = Sample extracted out of hold time
f = San Francisco Bay Regional Water Quality Control Board ESL for groundwater where groundwater is not a source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

Equipment Hollow Stem Auger

Elevation -- Date 01/04/90

Blows/foot *	Photo Ionization Detector (ppm) HNu	Gasoline Odor	Depth (ft)	Sample	
			0		Asphalt Baserock
			5		DARK BROWN SILTY SAND (SM), medium dense, dry, very fine to fine sand
8	0	none			
			10		BROWN SANDY LEAN CLAY (CL), very stiff, dry, very fine sand, no plasticity
33	0	none			
			15		BROWN LEAN CLAY WITH SAND (CL), stiff, moist, lean
12	0	none			same, moderate plasticity
15	1	none			
30	0	none	20		same, mottled with gray clay
33	0	none			
58	0	none			BROWN LEAN CLAY WITH GRAVEL (CL), very stiff, dry, lean
			25		Bottom of boring at 25 feet
			30		
			35		
			40		

* Blows converted to Standard Penetration Test

PLATE

Harding Lawson Associates
Engineering and Environmental Services

Log of Boring B-1
Shell Service Station
6093 College Avenue
Oakland, California

B-1

DRAWN S. Patel | JOB NUMBER 4022.233.03 | APPROVED MJB

ATTACHMENT 6

Equipment Hollow Stem Auger

Elevation —— Date 01/05/90

Blows/foot*	Photo Ionization Detector (ppm)	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
			0		Asphalt Baserock
21	0	None	5		No recovery, brown loose sandy material and asphalt in bottom of split barrel
35	3.4	Slight	10		BROWN-GRAY MOTTLED SANDY LEAN CLAY (CL), medium dense, moist, fine to coarse sand
			15		GRAY SANDY SILT (ML), medium dense, moist, very fine sand
16	6.3	Slight			GREEN-GRAY MOTTLED SANDY SILT (ML), dense, wet, very fine sand
9	720	Strong			BROWN-GRAY MOTTLED SILT WITH SAND (ML), dense, dry, very fine sand
28	134	Strong	20		
48	4.0	Slight			BROWN-GRAY SAND AND GRAVEL WITH SILT (GM), dense, moist, fine to medium gravel ~25%
	140	Strong			
20	0.5	None			BROWN SILTY SAND WITH GRAVEL (SP), medium dense, saturated at 22.5 to 23 feet, gravel absent at 23.5 feet
			25		Bottom of boring at 24 feet
			30		
			35		
			40		

* Blows converted to Standard Penetration Test

PLATE

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-2
Shell Service Station
6039 College Avenue
Oakland, California

B-2

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	4022,233.03		10/10/91		

Equipment Hollow Stem Auger

Elevation — — Date 01/05/90

Blows/foot*	Photo Ionization Detector (ppm)	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
			0		Asphalt Baserock
			5		DARK BROWN SANDY SILT (ML), medium dense, moist, very fine sand
10	0	None			
			10		BROWN-GRAY MOTTLED SANDY CLAY (CL), hard, moist, very fine sand, occasional gravel
43	56	Strong			
			15		GREEN-GRAY SANDY SILT WITH CLAY (ML), very stiff, moist, very fine sand, slight plasticity
14	95	Strong			GRAY SANDY SILT (ML), medium dense, dry, very fine sand, non-plastic
12	240	Strong			
8	220	Strong	20		GRAY SANDY SILT (ML), medium dense, wet, very fine sand
28	170	Strong			BROWN SANDY SILT (ML), dense, saturated, very fine sand, some clay
29	18	Slight			Bottom of boring at 22.5 feet
			25		
			30		
			35		
			40		

* Blows converted to Standard Penetration Test

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-3
Shell Service Station
6039 College Avenue
Oakland, California

PLATE **B-3**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	4022,233.03		10/10/91		

Equipment Hollow Stem Auger

Elevation — — Date 1/4/90

Blows/foot*	Photo Ionization Detector (ppm)	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
			0		Asphalt Baserock
24	0	None	5		BROWN SILTY SAND (SM), medium dense, dry, some gravel
26	0	None			DARK BROWN SANDY SILT (ML), dense, dry, some gravel
27	1.1	None			BROWN SANDY SILT WITH CLAY (ML), stiff, dry, no plasticity
25	1	None	10		GRAY-BROWN MOTTLED CLAY (CL), stiff, dry, some sand, slight plasticity
34	0	None			BROWN SANDY SILT (ML), stiff, dry, no plasticity
25	1	None			BROWN-GRAY MOTTLED SANDY LEAN CLAY (CL), stiff, dry, slight plasticity, very fine sand
15	8	Slight	15		BROWN-GRAY SAND WITH CLAY (SC), dense, dry, some fine gravel, fine sand stringers
25	25	Strong			GRAY SILT (ML), stiff, moist, some fine sand, slight plasticity, claystone fragments
16	230	Strong			
24	270	Strong	20		GRAY SILTY SAND WITH GRAVEL (SP), medium dense, moist, multi-color gravel, green sand, claystone fragments
51	23	Strong			
51	3	Slight			GREEN-GRAY LEAN CLAY (CL), medium stiff, moist, some fine sand, medium plasticity
48	0	None	25		BROWN SANDY LEAN CLAY (CL), hard, dry, fine sand and occasional fine gravel
29	0	None			Bottom of boring at 25 feet
			30		
			35		
			40		

* Blows converted to Standard Penetration Test

PLATE

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-4
Shell Service Station
6039 College Avenue
Oakland, California

B-4

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	4022,233.03		10/10/91		

Equipment Hollow Stem Auger

Elevation — — Date 01/04/90

Blows/foot*	Photo Ionization Detector (ppm)	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
			0		Asphalt Baserock
20	0	None	5		DARK BROWN SILTY SAND (SM), medium dense, dry, occasional fine gravel, orange mottling
27	0	None	10		BROWN SANDY SILT WITH CLAY (ML), very stiff, dry, very fine sand, no plasticity
12	3	None	15		BROWN-GRAY SILT WITH SAND (ML), very stiff, dry, very fine sand, no plasticity
28	9	Slight	20		BROWN-GRAY MOTTLED SANDY LEAN CLAY (CL), very stiff, dry, very fine sand, no plasticity
19	1	None			BROWN SANDY LEAN CLAY (CL), stiff, saturated from 21.5 to 21.7 feet, moist at 22 feet
			25		Bottom of boring at 23 feet
			30		
			35		
			40		

* Blows converted to Standard Penetration Test

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-5
Shell Service Station
6039 College Avenue
Oakland, California

PLATE
B-5

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	4022,233.03		10/10/91		

Equipment Hollow Stem Auger

Elevation — — Date 01/05/90

Blows/foot*	Photo Ionization Detector (ppm)	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
			0		Asphalt Baserock
13	0	None	5		DARK BROWN SANDY SILT (SM-ML), medium dense, moist, sand >50% 5 to 5.5 feet, root material, fine to medium sand
35	0	None	10		BROWN-GRAY MOTTLED SANDY CLAY (CL), very stiff, dry, occasional gravel, fine to medium sand
16	130	Strong	15		GREEN-GRAY SANDY SILT WITH CLAY (ML), stiff, moist, very fine sand, slight plasticity
12	119	Strong			GRAY SILT (ML), medium dense, moist, some very fine sand <12%
9	140	Strong			GREEN-GRAY SILT WITH CLAY (ML), stiff, saturated, slight plasticity
12			20		BROWN LEAN CLAY WITH SAND (CL), hard, dry, with gray mottling, very fine sand
33	6	Slight			Bottom of boring at 22.5 feet
			25		
			30		
			35		
			40		

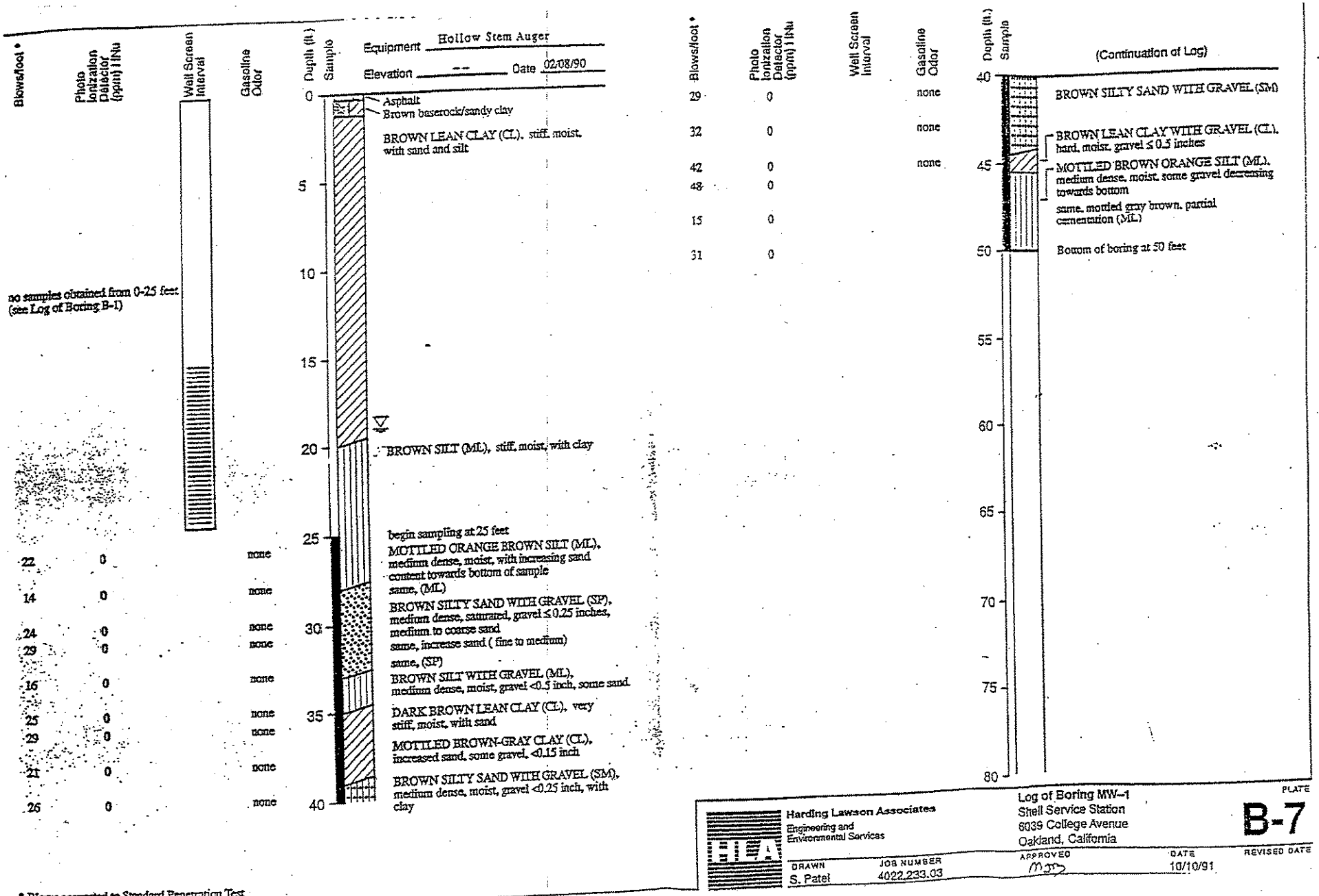
* Blows converted to Standard Penetration Test

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-6
Shell Service Station
6039 College Avenue
Oakland, California

PLATE **B-6**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	4022,233.03		10/10/91		



* Blows converted to Standard Penetration Test

Equipment Hollow Stem Auger

Elevation — — Date 02/08/90

Blows/foot*	Photo Ionization Detector (ppm)	Well Screen Interval	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
				0		Asphalt Baserock
13	0		None	5		DARK BROWN SANDY LEAN CLAY (CL), stiff, moist, no plasticity
33	0		None	10		Same, brown, hard
13	0		None	15		MOTTLED BROWN-GRAY CLAY (CL), dry, slight plasticity
43	0		None	20		Same, orange-brown, hard, moist, with increased silt content
12	0		None	25		BROWN SILT (ML), medium dense, moist Bottom of boring at 25.0 feet
				30		
				35		
				40		

* Blows converted to Standard Penetration Test

PLATE

B-8

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring MW-2
Shell Service Station
6039 College Avenue
Oakland, California

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	4022,233.03		10/10/91		

Equipment Hollow Stem Auger

Elevation — — Date 02/07/90

Blows/foot*	Photo Ionization Detector (ppm)	Well Screen Interval	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
				0		Asphalt Baserock
11	20		Slight	5		BROWN SILT (ML), very hard, moist, some clay
34	100		Strong	10		MOTTLED GRAY-BROWN SILTY CLAY (CL-ML), hard, moist
17	110		Strong	15		MOTTLED GRAY-BROWN SILT (ML), hard, moist, noticeable gasoline sheen
10	30		Strong	20		Same, very stiff
28	100		Strong	25		BROWN SANDY LEAN CLAY WITH GRAVEL (CL), hard, moist Bottom of boring at 26.5 feet
				30		
				35		
				40		

* Blows converted to Standard Penetration Test

Harding Lawson Associates
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Log of Boring MW-3
Shell Service Station
6039 College Avenue
Oakland, California

PLATE **B-9**

DRAWN	JOB NUMBER	CHECKED	DATE	REVISED	DATE
YC	4022,233.03		10/10/91		

Equipment Hollow Stem Auger

Elevation — — Date 02/07/90

Blows/foot*	Photo Ionization Detector (ppm)	Well Screen Interval	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
33	0		None	0		BROWN SILT WITH GRAVEL (ML), hard, dry, gravel to 1.5-inch diameter
44	0		None	10		BROWN LEAN CLAY (CL), hard, moist, some black mottling, some silt
14	150		Strong	15		GREENISH-BROWN SILT (ML), hard, moist, slight plasticity.
69	200		strong	20		GRAY SILT (ML), stiff, saturated, noticeable separate phase product BROWN LEAN CLAY (CL), hard, moist
23	10		Slight	25		Same, some gravel to 1.5-inch Bottom of boring at 26.5 feet
				30		
				35		
				40		

* Blows converted to Standard Penetration Test

PLATE

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring MW-4
Shell Service Station
6039 College Avenue
Oakland, California

B-10

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	4022,233.03		10/10/91		

Equipment Hollow Stem Auger

Elevation —— Date 8/26/91

Blows/foot*	Photo Ionization Detector (ppm)	Well Screen Interval	Petroleum Hydrocarbon Odor	Depth (ft)	Sample	
				0		Asphalt Baserock to 6 inches
						DARK BROWN LEAN CLAY (CL), moist
						Rig chatter
6	not measured		none	5		BROWN LEAN CLAY WITH SAND AND GRAVEL (CL), medium stiff, moist, gravel less than 1 inch
16	0		none	10		MOTTLED BROWN LEAN CLAY (CL), very stiff, moist
13	2		faint	15		MOTTLED GRAY-BROWN SILT (ML), stiff, moist
22	0		none	20		MOTTLED BROWN LEAN CLAY (CL), very stiff, saturated
				25		Same, stiff
10	0		none			
				30		MOTTLED BROWN SILT WITH SAND (ML), very stiff, moist
20	0		none			Bottom of boring at 31.5 feet
				35		
				40		

* Blows converted to Standard Penetration Test

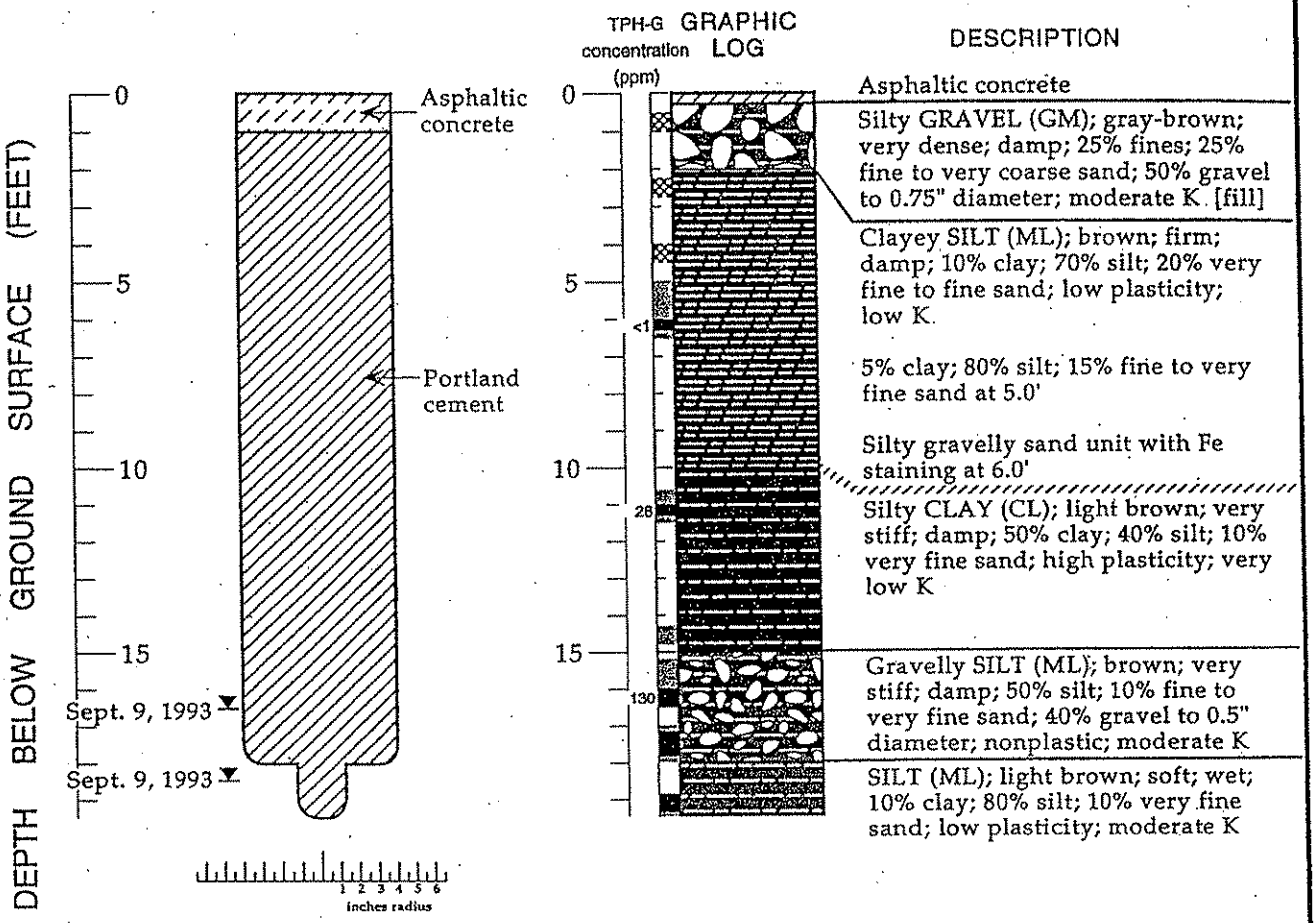
Harding Lawson Associates
Engineers and Geoscientists

Log of Boring MW-5
Shell Service Station
6039 College Avenue
Oakland, California

PLATE
B-11

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
S. Patel	4022.233.03		10/10/91		

BORING BH-A



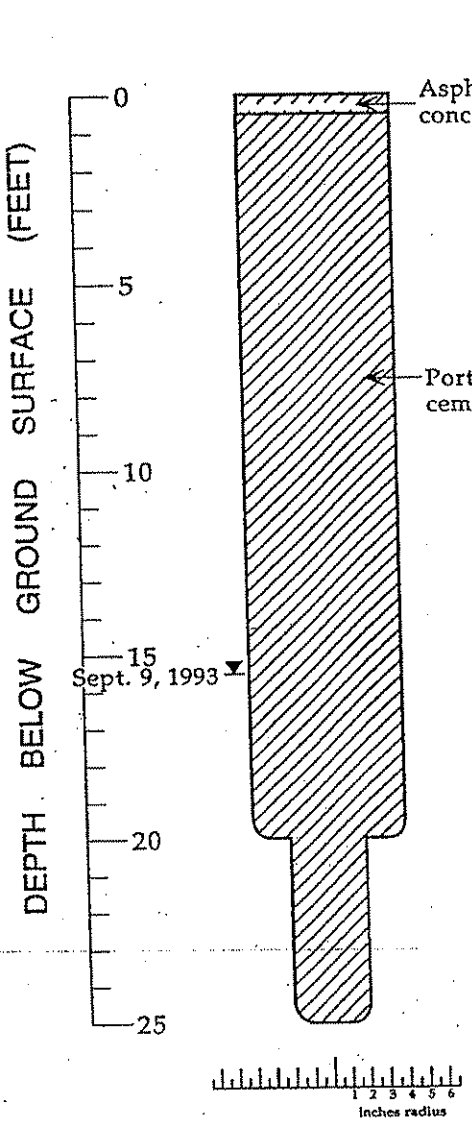
EXPLANATION

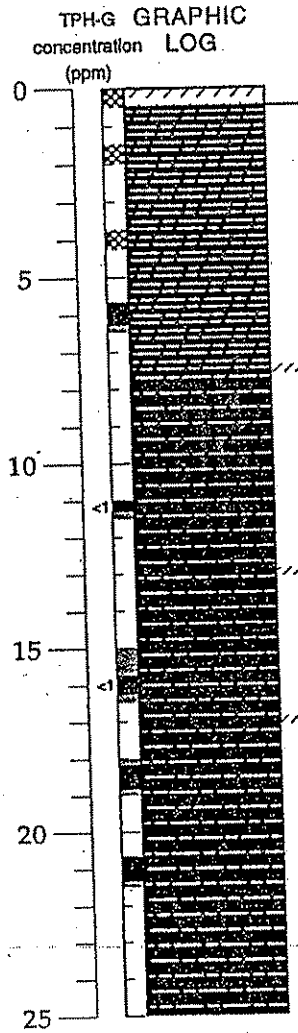
- Water level during drilling (date)
- Water level (date)
- Contact (dotted where approximate)
- Uncertain contact
- Gradational contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Cutting sample
- K = Estimated hydraulic conductivity

Logged By: David C. Elias
Supervisor: N. Scott MacLeod; RG 5747
Drilling Company: Soils Exploration Services, Vacaville, CA
License Number: C57-582696
Driller: Ken Lenk
Drilling Method: Hollow-stem auger
Date Drilled: September 9, 1993
Type of Sampler: Split spoon (1.5", 2", 2.5" ID)
Ground Surface Elevation: ~193 feet above mean sea level
TPH-G: Total petroleum hydrocarbons as gasoline in soil by modified EPA Method 8015

Boring Log BH-A - Shell Service Station WIC #204-5508-3301, 6039 College Avenue, Berkeley, California

BORING BH-B





DESCRIPTION

Asphaltic concrete

Clayey SILT (ML); brown; soft; damp; 15% clay; 75% silt; 10% very fine sand; medium plasticity; low K

Silty CLAY (CL); light brown; very stiff; damp; 50% clay; 40% silt; 10% very fine sand; high plasticity; very low K

Clayey SILT to Silty CLAY (ML/CL); light brown; soft; damp; 45% clay; 45% silt; 10% very fine sand; medium plasticity; very low K

Silty CLAY (CL); light brown; stiff; damp to moist; 50% clay; 40% silt; 10% very fine sand; high plasticity; very low K

Moist at 20.0'

EXPLANATION

- ▼ Water level during drilling (date)
- ▽ Water level (date)
- ——..... Contact (dotted where approximate)
- —?—?— Uncertain contact
- ////////// Gradational contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Cutting sample
- K = Estimated hydraulic conductivity

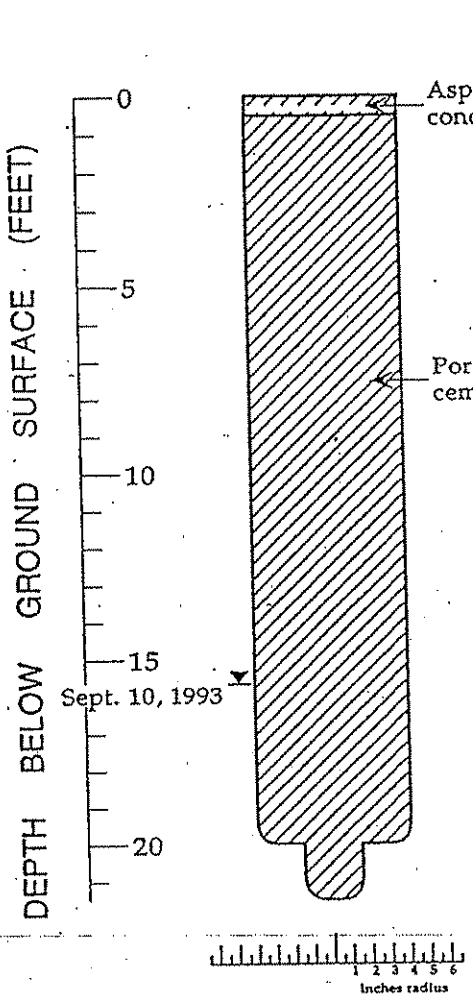
Logged By: David C. Elias
Supervisor: N. Scott MacLeod; RG 5747
Drilling Company: Soils Exploration Services, Vacaville, CA
License Number: C57-582696
Driller: Ken Lenk
Drilling Method: Hollow-stem auger
Date Drilled: September 9, 1993
Type of Sampler: Split spoon (1.5", ID)
Ground Surface Elevation: ~193 feet above mean sea level
TPH-G: Total petroleum hydrocarbons as gasoline in soil by modified EPA Method 8015

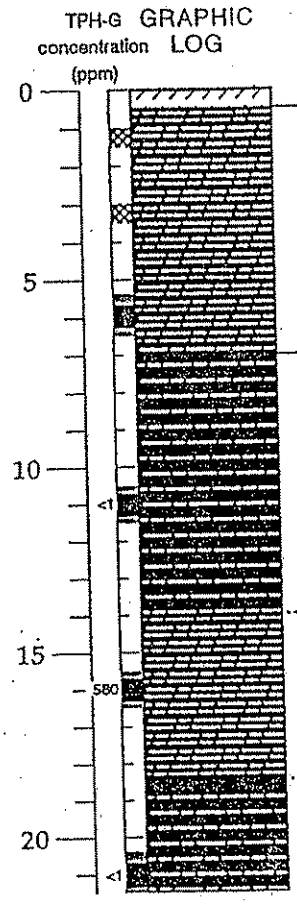
Boring Log BH-B - Shell Service Station WIC #204-5508-3301, 6039 College Avenue, Berkeley, California

11/4/93

S618-004

BORING BH-C





DESCRIPTION

Asphaltic concrete

Clayey SILT (ML); dark brown; soft; damp; 15% clay; 75% silt; 10% very fine sand; medium plasticity; low K

(contact-driller)

Silty CLAY (CL); light brown; very stiff; damp; 50% clay; 40% silt; 10% very fine sand; high plasticity; very low K

Brown mottled gray at 10.0'

Clayey SILT (ML); gray; stiff; moist; 15% clay; 75% silt; 10% very fine sand; medium plasticity; low K

Silty CLAY (CL); light brown; very stiff; damp to moist; 50% clay; 40% silt; 10% very fine sand; high plasticity; very low K

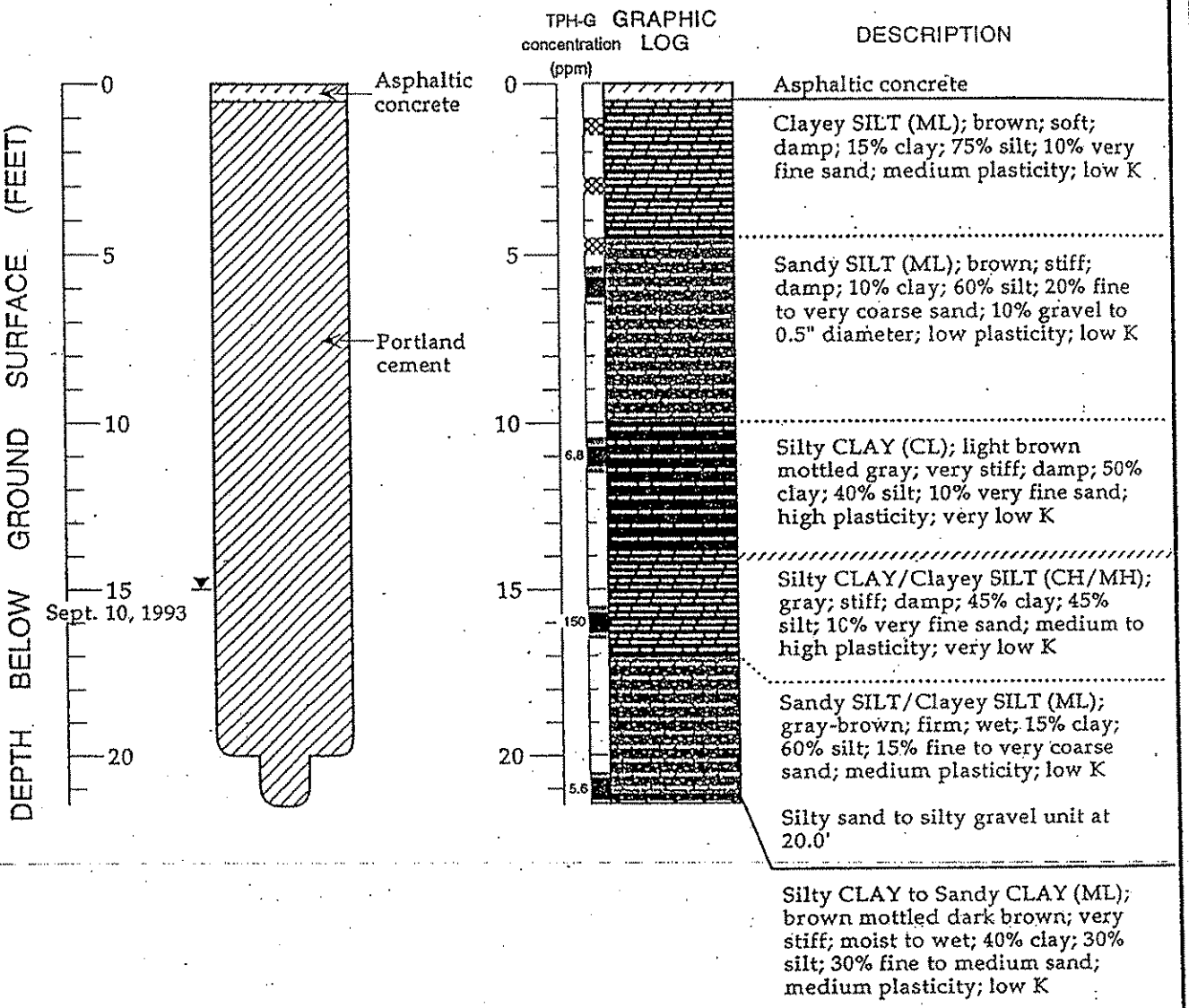
EXPLANATION

- Water level during drilling (date)
- Water level (date)
- Contact (dotted where approximate)
- Uncertain contact
- Gradational contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Cutting sample
- K = Estimated hydraulic conductivity

Logged By: David C. Elias
Supervisor: N. Scott MacLeod; RG 5747
Drilling Company: Soils Exploration Services, Vacaville, CA
License Number: C57-582696
Driller: Gene Bernard
Drilling Method: Hollow-stem auger
Date Drilled: September 10, 1993
Type of Sampler: Split spoon (2", ID)
Ground Surface Elevation: ~193 feet above mean sea level
TPH-G: Total petroleum hydrocarbons as gasoline in soil by modified EPA Method 8015

Boring Log BH-C - Shell Service Station WIC #204-5508-3301, 6039 College Avenue, Berkeley, California

BORING BH-D



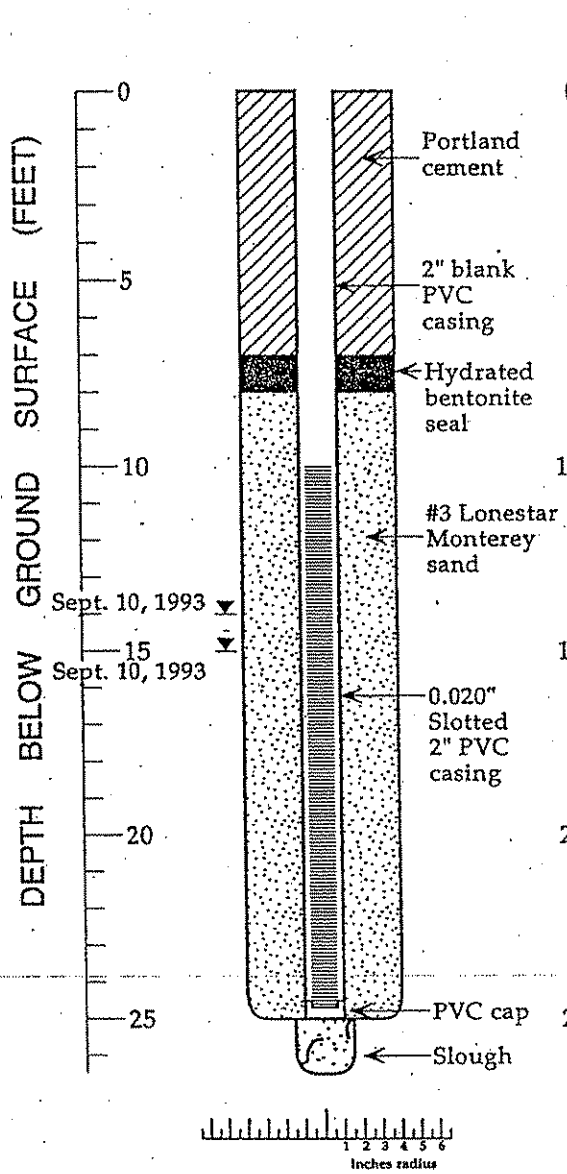
EXPLANATION

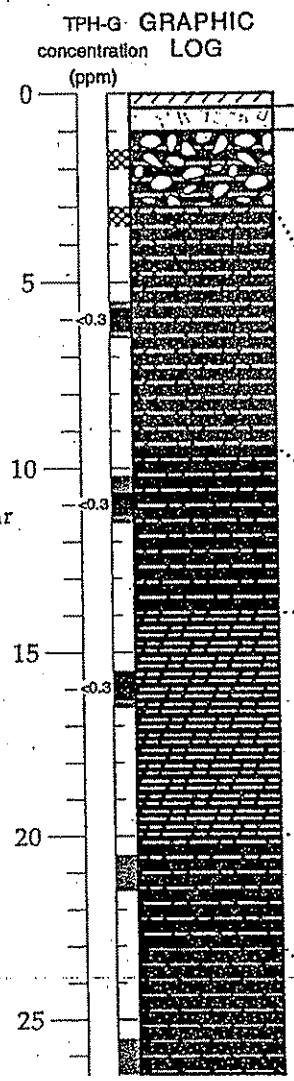
- Water level during drilling (date)
- Water level (date)
- Contact (dotted where approximate)
- Uncertain contact
- Gradational contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Cutting sample
- K = Estimated hydraulic conductivity

Logged By: David C. Elias
Supervisor: N. Scott MacLeod; RG 5747
Drilling Company: Soils Exploration Services, Vacaville, CA
License Number: C57-582696
Driller: Gene Bernard
Drilling Method: Hollow-stem auger
Date Drilled: September 10, 1993
Type of Sampler: Split spoon (2", ID)
Ground Surface Elevation: ~193 feet above mean sea level
TPH-G: Total petroleum hydrocarbons as gasoline in soil by modified EPA Method 8015

Boring Log BH-D - Shell Service Station WIC #204-5508-3301, 6039 College Avenue, Berkeley, California

WELL MW-6 (BH-E)





DESCRIPTION

Asphaltic concrete

Concrete and gravel roadbase

Gravelly SILT (ML); brown; soft; damp; 60% silt; 15% fine to very coarse sand; 25% gravels and cobbles to 0.75" diameter; low plasticity; high K

Clayey SILT to Sandy SILT (ML); dark brown; stiff; damp; 15% clay; 70% silt; 15% very fine sand; medium plasticity; low K

25% clay; 60% silt; 15% very fine sand at 8.0'

Silty CLAY (CL); brown; stiff; damp; 50% clay; 35% silt; 10% fine to very coarse sand; 5% gravel; high plasticity; very low K

SILT (ML); gray mottled brown; stiff; moist; 10% clay; 90% silt; low plasticity; moderate K

Silty CLAY (CL); light brown; very stiff; wet; 65% clay; 20% silt; 10% very fine to coarse sand; 5% angular gravel; medium to high plasticity; very low K

Gravelly CLAY to Sandy CLAY (CL); light brown; hard; wet; 80% clay; 10% sand; 10% gravel; high plasticity; very low K

EXPLANATION

- Water level during drilling (date)
- Water level (date)
- Contact (dotted where approximate)
- Uncertain contact
- Gradational contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Cutting sample
- K = Estimated hydraulic conductivity

Logged By: David C. Elias/Jeni C. Martin
Supervisor: N. Scott MacLeod; RG 5747
Drilling Company: Soils Exploration Services, Vacaville, CA
License Number: C57-582696
Driller: Gene Bernard
Drilling Method: Hollow-stem auger
Date Drilled: September 10, 1993
Well Head Completion: 2" locking well-plug, traffic-rated vault
Type of Sampler: Split spoon (2" ID)
Ground Surface Elevation: 189.3 feet above mean sea level
TPH-G: Total petroleum hydrocarbons as gasoline in soil by modified EPA Method 8015

Boring Log and Well Construction Details - Well MW-6 (BH-E) - Shell Service Station WIC #204-5508-3301, 6039 College Avenue, Oakland, California

Cambria Environmental Technology, Inc.
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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	MW-7
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	16-May-06
LOCATION	6039 College Avenue, Oakland	**DRILLING COMPLETED**	16-May-06
PROJECT NUMBER	247-0503-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	197.90 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	197.44 ft above msl
BORING DIAMETER	10"	**SCREENED INTERVALS**	25 to 35 fbg
LOGGED BY	Stewart Dalle	**DEPTH TO WATER (First Encountered)**	23.0 fbg (16-May-06)
REVIEWED BY	David Gibbs	**DEPTH TO WATER (Static)**	23.00 fbg (16-May-06)
REMARKS	Air knifed to 5 fbg.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
							Asphalt	1.0
					GW		**Well Graded GRAVEL with Sand** 7.5YR 3/4 Dark brown; damp; 10% fine sand, 90% coarse gravel.	2.0
					GC		**Clayey GRAVEL**; 7.5YR 3/4 Dark brown; damp; 20% clay, 10% fine sand, 70% coarse gravel.	5.0
3		MW-7-5		5			**Silty CLAY with Gravel** 7.5YR 4/3 Brown; dry; 60% clay, 25% silt, 15% coarse gravel; high plasticity.	
5		MW-7-10		10	CL		Silty CLAY, 80% clay, 20% silt; high plasticity.	
30		MW-7-15		15			Damp.	
77		MW-7-20		20			Damp.	
138		MW-7-22			SC		**Clayey SAND with Silt** 5Y 4/1 Dark gray; wet; 30% clay, 20% silt, 50% fine sand. ▼	22.0
15		MW-7-25		25	ML		**<<U>Sandy SILT** 10YR 4/3 Brown; wet; 60% silt, 40% fine sand.	25.5
							Sandy SILT with Gravel; 55% silt, 30% fine sand, 15% fine gravel.	29.5
				30			**Clayey GRAVEL with Sand** 10YR 4/3 Brown, wet, 25%	

WELL DIAGRAM: Portland Type I/II; 4" diam., Schedule 40 PVC; Bentonite Seal; Monterey Sand #2/12

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WELL LOG (PID) G:\OAKLAND 6039 COLLEGE\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 7/12/06

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	MW-7
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	16-May-06
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	16-May-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
9.1		MW-7-30			GC		clay, 15% coarse sand, 60% fine gravel.		4"-diam., 0.010" Slotted Schedule 40 PVC
								33.0	
					CL		Silty CLAY, 10YR 4/3 Brown; wet; 70% clay, 20% silt, 5% fine sand.		
0		MW-7-35		35				36.0	Bentonite Seal
									Bottom of Boring @ 36 fbg

WELL LOG (PID) G:\OAKLAND 6039 COLLEGE\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 7/12/06

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-1
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	29-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	29-Sep-05
PROJECT NUMBER	247-0503-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vironex	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	30.0 fbg (29-Sep-05) ▽
REVIEWED BY	Matt Derby, P.E. # 55475	DEPTH TO WATER (Static)	NA ▼
REMARKS	Hand Cleared to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	
							Gravel and SILT- FILL	1.0	
							SILT (ML); dark brown; dry; 25% clay, 75% silt; low to medium plasticity.		
		SB-1- 5.0		5	ML		SILT (ML); dark brown; dry; 25% clay, 75% silt; low to medium plasticity.	9.0	
		SB-1- 9.5		10			CLAY (CL); light brown with gray mottling; dry; 65% clay, 35% silt; medium plasticity.		
		SB-1- 14.5		15	CL		CLAY (CL); light brown with gray mottling; dry; 60% clay, 40% silt; low plasticity.		Portland Type I/II
		SB-1- 19.5		20			CLAY (CL); light gray; moist; 50% clay, 40% silt, 10% sand; low plasticity.		
		SB-1- 23.5		25			Gravelly CLAY (CL); brown; dry; 40% clay, 25% silt, 10% sand, 35% gravel; no plasticity.	26.5	
		SB-1- 28.5		30	SC		Clayey SAND with gravel (SC); brown; moist; 15% clay, 10% silt, 50% sand, 25% gravel; no plasticity.		
							Clayey SAND with gravel (SC); brown; moist to wet; ▽		

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-1
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	29-Sep-05
LOCATION	6039 College Avenue, Oakland	**DRILLING COMPLETED**	29-Sep-05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							20% clay, 5% silt, 50% sand, 25% gravel; no plasticity.	31.0	
					GC		Clayey GRAVEL (GC); brown; wet; 10% clay, 25% sand, 65% gravel; no plasticity.	33.0	
					SC		Clayey SAND with gravel(SC); brown; moist; 20% clay, 5% silt, 50% sand, 25% gravel; no plasticity.	35.0	Bottom of Boring @ 35 fbg
				35					

Notes: Grab groundwater sample (SB-1-W) collected from a temporary well casing screened 30-35 fbg.

WELL LOG (PID) G:\OAKCC8~1\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 12/1/05

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-2
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	29-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	29-Sep-05
PROJECT NUMBER	247-0503-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vironex	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	30.0 fbg (29-Sep-05)
REVIEWED BY	Matt Derby, P.E. # 55475	DEPTH TO WATER (Static)	NA
REMARKS	Hand Cleared to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Grass	0.3	
					ML		SILT (ML); brown, moist, 100% silt; no plasticity. Planting Soil.	1.0	
				5			SILT (ML); brown, dry; 20% clay, 80% silt; low plasticity.		
							CLAY (CL); light brown; dry; 70% clay, 30% silt; medium plasticity.	6.0	
		SB-2- 9.5		10			CLAY (CL); light brown with gray mottling; dry; 65% clay, 25% silt, 10% gravel; medium plasticity.		
		SB-2- 14.5		15	CL		CLAY (CL); light brown with gray mottling; dry; 70% clay, 20% silt, 10% sand; medium plasticity.		
		SB-2- 19.5		20			Sandy CLAY(CL); gray; dry; 65% clay, 20% silt, 15% sand; medium plasticity.		
		SB-2- 23.5		25			CLAY with sand(CL); brown with gray mottling; dry; 65% clay, 20% silt, 15% sand; low plasticity.		Portland Type I/II
								28.0	
		SB-2- 29.5		30	ML		Sandy SILT with gravel (ML); light brown; moist; 15% clay, 65% silt, 15% sand, 15% gravel; no plasticity.	30.0	

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-2
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	29-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	29-Sep-05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							NO RECOVERY		
				35	CH		CLAY (CH); brown; dry to moist; 80% clay, 10% silt, 10% sands; medium to high plasticity.	35.0	
								39.0	
				40	CL		Gravelly CLAY (CL); brown; dry to moist; 55% clay, 10% silt; 10% sand, 25% gravel; low plasticity.		
				45			Gravelly CLAY (CL); brown; dry to moist; 50% clay, 15% silt; 10% sand, 25% gravel; low plasticity.		
				50				50.0	Bottom of Boring @ 50 fbg

Notes: Grab groundwater sample (SB-2-W) collected from a temporary well casing screened 30-35 fbg.

WELL LOG (PID) G:\OAKCC6~1\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 12/7/05

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-3
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	28-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	28-Sep-05
PROJECT NUMBER	247-0503-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vironex	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	25.0 fbg (28-Sep-05)
REVIEWED BY	Matt Derby, P.E. # 55475	DEPTH TO WATER (Static)	NA
REMARKS	Hand Cleared to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Gravel Surface FILL.	0.3	
					ML		SILT (ML); brown; dry; 5% clay, 85% silt; 10% sand; low plasticity.		
				5			SILT (ML); brown; dry; 10% clay, 70% silt; 10% sand, 10% gravel; no plasticity.	7.5	
		SB-3- 9.5		10			CLAY (CL); brown with gray mottling; dry; 85% clay, 15% silt; medium plasticity.		
		SB-3- 14.5		15	CL		CLAY (CL); brown with gray mottling; dry; 85% clay, 15% silt; medium plasticity.		
		SB-3- 17.0					CLAY (CL); greenish gray; dry; 80% clay, 20% silt; medium plasticity.		Portland Type I/II
		SB-3- 20.5		20			CLAY (CL); greenish gray; dry; 80% clay, 20% silt; low to medium plasticity.		
				25			CLAY (CL); brown with gray mottling; dry; 70% clay, 30% silt; low plasticity.	25.0	
							SILT with gravels (ML); gray; wet; 25% clay, 65% silt, 5% sand, 10% gravel; low plasticity.		
					ML		Sandy SILT with gravel (ML); light brown; moist; 5% clay, 55% silt, 20% sand, 20% gravel; no plasticity.		
				30					

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-3
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	28-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	28-Sep-05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
								32.0	
					GC		Clayey GRAVEL with sand(GC); greenish brown; wet; 15% clay, 15% silt, 15% sand, 60% gravels; no plasticity.	34.0	
					GM		Silty GRAVEL with sand(GM); brownish gray; dry; 5% clay, 30% silt, 15% sand, 50% gravel; no plasticity.	35.0	Bottom of Boring @ 35 fbg
				35			Notes: Grab groundwater sample (SB-3-W) collected from a temporary well casing screened 25-30 fbg.		

WELL LOG (PID) G:\OA\GCC6-11\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 12/1/05

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-6
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	28-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	28-Sep-05
PROJECT NUMBER	247-0503-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vironex	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	20.0 fbg (28-Sep-05) ▽
REVIEWED BY	Matt Derby, P.E. # 55475	DEPTH TO WATER (Static)	NA ▼
REMARKS	Hand Cleared to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	
							Silts and Cobbles- FILL	2.0	
					ML		SILT (ML); brown; dry; 10% clay, 85% silt, 5% sand; low to medium plasticity.	5.0	
				5			CLAY (CL); dark brown; dry; 70% clay, 25% silt, 5% sand; medium plasticity.		
		SB-6-9.5		10	CL		CLAY (CL); brown; dry; 70% clay, 30% silt; medium plasticity.		
				15				17.0	
		SB-6-17.5			GC		Clayey GRAVEL with sand (GC); gray; wet; 10% clay, 10% silt, 25% sand, 55% gravel; no plasticity.	19.0	Portland Type I/II
				20	SM		Silty SAND (SM); light brown; moist to wet; 5% clay, 20% silt, 70% sand; no plasticity. ▽	22.0	
							CLAY (CL); light brown with gray mottling; moist; 80% clay, 20% silt; medium plasticity.		
				25	CL				
							CLAY with sand (CL); brown; dry to moist; 70% clay, 10% silt, 15% sand, 5% gravel; low to medium plasticity.	30.0	
				30					

WELL LOG (PID) G:\OAKCC6~1\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 12/1/05

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-6
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	28-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	28-Sep-05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
		NO RECOVERY			GC		Clayey GRAVEL with sand(GC); grayish brown; wet; 30% clay, 15% sand, 70% gravel; no plasticity.		
					CL		CLAY (CL); brown; moist; 80% clay, 15% silt, 5% sand; medium plasticity.	33.0	
				35				35.0	Bottom of Boring @ 35 fbg

Notes: Grab groundwater sample (SB-6-W) collected from a temporary well casing screened 20-25 fbg.

WELL LOG (PID) G:\DA5CC8~1\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 12/1/05

Cambria Environmental Technology, Inc.
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Emeryville, CA 94608
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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-7
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	28-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	29-Sep-05
PROJECT NUMBER	247-0503-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vironex	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	20.0 fbg (28-Sep-05)
REVIEWED BY	Matt Derby, P.E. # 55475	DEPTH TO WATER (Static)	NA
REMARKS	Hand Cleared to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	
							Gravelly SILT- FILL	1.0	
					ML		SILT (ML); dark brown; dry; 15% clay, 80% silt, 5% sand; low to medium plasticity.		
				5				6.5	
		SB-7- 9.5		10			CLAY (CL); brown; dry; 75% clay, 20% silt, 5% gravel; medium plasticity.		
		SB-7- 14.5		15	CL		CLAY (CL); brown with gray mottling; dry; 75% clay, 20% silt, 5% sand; medium plasticity.		
		SB-7- 17.0					CLAY with sand (SC); brown with gray mottling; moist; 75% clay, 10% silt, 15% sand; medium plasticity.		
				20			CLAY (CL); brown; moist to wet; 70% clay, 25% silt, 5% sand; medium plasticity.		Portland Type I/II
				25			CLAY with sand (CL); brown; moist; 65% clay, 20% silt, 15% sand; low to medium plasticity.		
					SC		Clayey SAND with gravel (SC); brown with red mottling; moist; 15% clay, 60% sand, 25% gravel; no plasticity.	26.5	
				30				30.0	

WELL LOG (PID) G:\OAKCC6~1\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 12/7/05

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-7
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	28-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	29-Sep-05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
		NO RECOVERY			CL		CLAY with Sand(CL); brown; wet; 75% clay, 25% sand; medium plasticity.	32.0	
					SC		Clayey SAND with gravel(SC); brown; wet; 15% clay, 60% sand, 25% gravels; no plasticity.	34.0	
				35	CL		CLAY (CL); brown; moist; 75% clay, 20% silt, 5% gravel; low to medium plasticity. NO RECOVERY	35.0	
				40	CH		CLAY (CH); brown; dry to moist; 90% clay, 10% silt; medium to high plasticity.	40.0	
				45				45.0	Bottom of Boring @ 45 fbg

Notes: Grab groundwater sample (SB-7-W) collected from a temporary well casing screened 20-25 fbg.

WELL LOG (PID) G:\OAKCC6--1\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 12/7/05

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-8
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	29-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	29-Sep-05
PROJECT NUMBER	247-0503-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vironex	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	20.0 fbg (29-Sep-05)
REVIEWED BY	Matt Derby, P.E. # 55475	DEPTH TO WATER (Static)	NA
REMARKS	Hand Cleared to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.7	
							SILT with gravel- FILL	1.0	
							SILT (ML); brown; dry; 5% clay, 85% silt, 10% gravel; no plasticity.		
				5	ML				
							SILT (ML); dark brown; dry; 15% clay, 75% silt, 10% gravel; no plasticity.		
								9.0	
		SB-8- 9.5		10			**CLAY** (CL); brown; dry; 50% clay, 50% silt; no plasticity.		
		SB-8- 14.5		15	CL		**CLAY** (CL); gray; dry to moist; 65% clay, 35% silt; low plasticity.		
		SB-8- 19.5		20			**CLAY** (CL); greenish gray; moist; 70% clay, 30% silt; medium plasticity. ▽		
		SB-8- 22					**CLAY** (CL); greenish gray; moist; 65% clay, 35% silt; medium plasticity.		
				25				26.0	
					ML		**Gravelly SILT with sand** (ML); reddish brown; moist; 10% clay, 50% silt, 20% sand, 25% gravel; no plasticity.		
				30					

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-8
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	29-Sep-05
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	29-Sep-05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
								30.5	
					CL		CLAY with sand (CL); brown with gray mottling; moist; 65% clay, 25% silt, 10% sand; medium plasticity.		
				35				35.0	Bottom of Boring @ 35 fbg
							Notes: Grab groundwater sample (SB-8-W) collected from a temporary well casing screened 20-25 fbg.		

WELL LOG (PID) G:\OAKSCCS--1\GINT\6039 COLLEGE OAKLAND.GPJ DEFAULT.GDT 12/1/05

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SVP-1
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	25-Feb-10
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	25-Feb-10
PROJECT NUMBER	240503	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Airknife	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3"	SCREENED INTERVALS	4.67 to 4.75 fbg
LOGGED BY	E. Swan	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	P. Schaefer	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	Flush-grade 6" well box; 1/4" OD Teflon Tubing; Portland Type I/II; Bentonite Seal; Monterey Sand Vapor Well Screen
					ML		**Sandy Silt with gravel**; Brown (7.4YR 4/4) ; dry; 10% clay, 50% silt, 20% medium sand, 20% fine to coarse gravel; medium plasticity.		
				5				5.0	Bottom of Boring @ 5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--1240503--12449E9--16039CO--1.GPJ DEFAULT.GDT 4/9/10

BORING / WELL LOG

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CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SVP-2
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	25-Feb-10
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	25-Feb-10
PROJECT NUMBER	240503	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Airknife	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3"	SCREENED INTERVALS	4.67 to 4.75 fbg
LOGGED BY	E. Swan	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	P. Schaefer	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	0.3	Flush-grade 6" well box
					ML		**Sandy Silt with gravel**; Brown (7.4YR 4/4) ; dry; 10% clay, 50% silt, 20% medium sand, 20% fine to coarse gravel; medium plasticity.		1/4" OD Teflon Tubing Portland Type I/II Bentonite Seal Monterey Sand Vapor Well Screen
				5				5.0	Bottom of Boring @ 5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--240503--12443E9--16039CO~1.GPJ DEFAULT.GDT 4/9/10

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SVP-3
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	26-Feb-10
LOCATION	6039 College Avenue, Oakland	DRILLING COMPLETED	26-Feb-10
PROJECT NUMBER	240503	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Airknife	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3"	SCREENED INTERVALS	4.67 to 4.75 fbg
LOGGED BY	E. Swan	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	P. Schaefer	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	0.3	Flush-grade 6" well box; 1/4" OD Teflon Tubing; Portland Type I/II; Bentonite Seal; Monterey Sand Vapor Well Screen
					ML		**Sandy Silt with gravel**; Brown (7.4YR 4/4) ; dry; 10% clay, 50% silt, 20% medium sand, 20% fine to coarse gravel; medium plasticity.		
				5				5.0	Bottom of Boring @ 5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--1240503--112449E9--116039CO--1.GPJ DEFAULT.GDT 4/9/10

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SVP-4
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	26-Feb-10
LOCATION	6039 College Avenue, Oakland	**DRILLING COMPLETED**	26-Feb-10
PROJECT NUMBER	240503	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Airknife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	4.67 to 4.75 fbg
LOGGED BY	E. Swan	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	P. Schaefer	**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
					ML		**Asphalt** **Sandy Silt with gravel**; Brown (7.4YR 4/4) ; dry; 10% clay, 50% silt, 20% medium sand, 20% fine to coarse gravel; medium plasticity.	0.3	Flush-grade 6" well box 1/4" OD Teflon Tubing Portland Type I/II Bentonite Seal Monterey Sand Vapor Well Screen
				5				5.0	Bottom of Boring @ 5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--240503--11244SE9-16039CO-1.GPJ DEFAULT.GDT 4/9/10

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SVP-5
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	25-Feb-10
LOCATION	6039 College Avenue, Oakland	**DRILLING COMPLETED**	25-Feb-10
PROJECT NUMBER	240503	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Airknife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	4.67 to 4.75 fbg
LOGGED BY	E. Swan	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	P. Schaefer	**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	0.3	Flush-grade 6" well box
					ML		**Sandy Silt with gravel**; Brown (7.4YR 4/4) ; dry; 10% clay, 50% silt, 20% medium sand, 20% fine to coarse gravel; medium plasticity.		1/4" OD Teflon Tubing Portland Type I/II Bentonite Seal Monterey Sand Vapor Well Screen
				5				5.0	Bottom of Boring @ 5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\240503-112449E9-1\6039CO~1.GPJ DEFAULT.GDT 4/9/10

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BORING / WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SVP-6
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	25-Feb-10
LOCATION	6039 College Avenue, Oakland	**DRILLING COMPLETED**	25-Feb-10
PROJECT NUMBER	240503	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Airknife	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVALS**	4.67 to 4.75 fbg
LOGGED BY	E. Swan	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	P. Schaefer	**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	0.3	Flush-grade 6" well box
					ML		**Sandy Silt with gravel**; Brown (7.4YR 4/4) ; dry; 10% clay, 50% silt, 20% medium sand, 20% fine to coarse gravel; medium plasticity.		1/4" OD teflon tubing Portland Type I/II Bentonite Seal Monterey Sand Vapor Well Screen
				5				5.0	Bottom of Boring @ 5 fbg

WELL LOG (PID) I:\SHELL\6-CHARS\2405--\240503--12449ES--\6039CO--1.GPJ DEFAULT.GDT 4/9/10