CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: October 12, 2010

REFERENCE NO.: 240503

PROJECT NAME: 6039 College Avenue, Oakland

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

RECEIVED
9:51 am, Oct 15, 2010
Alameda County
Environmental Health

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QUANTITY	DESCRIPTION
1	Closure Request

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

COMMENTS:
If you have any questions regarding the contents of this document, please call Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown, Shell Oil Products US (electronic copy)
Russell J. Bruzzone, Inc., c/o Joan Bruzzone, 899 Hope Lane, Lafayette, CA 94549
Montrose Investment Co., Attn: Jim Graham, 242 Rivera Circle, Greenbrae Marina, Larkspur, CA 94939
Claremont Enterprises, Attn: Miriam Clark, 6013 Auburn Avenue, Oakland, CA 94618
SF Data Room (electronic copy)

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

Denis L. Brown
Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Shell-branded Service Station
6039 College Avenue
Oakland, California
SAP Code 135685
Incident No. 98995745
ACEH Case No. RO0000469

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Project Manager

CLOSURE REQUEST

SHELL-BRANDED SERVICE STATION
6039 COLLEGE AVENUE
OAKLAND, CALIFORNIA

SAP CODE	135685
INCIDENT NO.	98995745
AGENCY NO.	RO0000469

Prepared by:
Conestoga-Rovers & Associates

5900 Hollis Street, Suite A
Emeryville, California
U.S.A. 94608

Office: (510) 420-0700
Fax: (510) 420-9170

web: http://www.CRAworld.com

OCTOBER 14, 2010
REF. NO. 240503 (10)
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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this request on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell).

The site is a Shell-branded service station located on the southern corner of College Avenue and Claremont Avenue in Oakland, California (Figure 1). Currently, the site layout consists of a station building, three underground storage tanks (USTs), and two dispenser islands (Figure 2). The area surrounding the site is of mixed commercial and residential use.

A summary of previous work performed at the site is contained in Appendix A. Historical soil analytical data are presented on Tables 1 and 2, historical groundwater data are presented on Tables 3 and 4 and in Appendix B, and historical soil vapor analytical data are presented on Table 5.

2.0 LOW-RISK CASE CRITERIA

Site data demonstrate that the site conditions meet the low-risk groundwater case criteria outlined in the San Francisco Bay Regional Water Quality Control Board's (RWQCB's) January 5, 1996 *Regional Board Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low-Risk Fuel Sites.* These criteria are addressed below.

Note that the RWQCB Groundwater Committee's June 1999 *East Bay Plain Groundwater Basin Beneficial Use Evaluation Report for Alameda and Contra Costa Counties, CA*, states that the City of Oakland (among other cities) "does not have plans to develop local groundwater resources for drinking water purposes, because of existing or potential saltwater intrusion, contamination, or poor or limited quantity". Although groundwater in this area cannot be precluded from being a potential future source of drinking water, it is not currently a source of drinking water, and given the shallow depth, it is unlikely that the first water-bearing zone would be used as a source of drinking water. Thus, RWQCB non-drinking water environmental screening levels (ESLs)[1] are the appropriate screening levels for this site.

---

1 *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater,* California Regional Water Quality Control Board, Interim Final – November 2007 [Revised May 2008]

2.1 THE LEAK HAS BEEN STOPPED AND ONGOING SOURCES HAVE BEEN REMOVED OR REMEDIATED

No active leak has been identified. Facility upgrades and dispenser modifications were completed in 1998 and 2004. As of January 1, 2003, methyl tertiary-butyl ether (MTBE) is no longer included in the formulation of Shell gasoline. Hydrocarbon, MTBE, and tertiary-butyl alcohol (TBA) concentrations in groundwater have decreased significantly, indicating that there is no ongoing source.

2.2 THE SITE HAS BEEN ADEQUATELY CHARACTERIZED

2.2.1 GROUNDWATER

Historical data from monitoring wells MW-1 through MW-7 and grab groundwater samples from borings SB-1 through SB-3 and SB-6 through SB-8 in 2005 adequately define BTEX, MTBE, and TBA impacts in groundwater to below applicable ESLs. It should be noted that the ESL document states that "TPH ESLs must be used in conjunction with ESLs for related chemicals", in this case benzene, toluene, ethylbenzene, and xylenes (BTEX), MTBE, and TBA.

The source area has been adequately characterized by grab groundwater samples collected during a 2005 subsurface investigation. Grab groundwater samples collected from the dispenser area (SB-1 and SB-2) and UST complex (SB-8) in 2005 contained concentrations of total petroleum hydrocarbons as gasoline (TPHg), benzene, and ethylbenzene which exceeded the ESLs. Benzene and ethylbenzene data from wells MW-5 and MW-6, located down gradient from the dispensers and the UST complex adequately define the extent of groundwater impacts in these areas to below ESLs.

Current groundwater detections from the monitoring wells are all below ESLs (Figure 3 and Appendix B) with the exception of TPHg and benzene in wells MW-3 and MW-4, located directly down gradient from the UST complex. Since TPHg, BTEX, MTBE, and TBA are not detected in down gradient wells MW-5 and MW-6 with the exception of 1 microgram per liter (µg/l) MTBE in MW-6, the current extent of groundwater impacts is adequately defined to below applicable ESLs.

2.2.2 SOIL

The source area has been adequately characterized by soil samples collected during 1998 and 2004 dispenser upgrades, and soil samples collected during subsequent subsurface investigations. As stated above, the ESL document states that "TPH ESLs must be used in conjunction with ESLs for related chemicals," in this case BTEX, MTBE, and TBA.

Analyses of shallow soil samples (<10 feet below grade [fbg]) have shown that all petroleum hydrocarbon and fuel oxygenate detections are below commercial ESLs. Vadose zone samples from dispenser upgrades in 1998 are not considered because these locations were resampled during upgrades in 2004. Therefore, the 2004 upgrade results represent residual soil concentrations in the area of the dispensers.

Eleven deeper soil samples (>10 fbg) contained concentrations of total petroleum hydrocarbons as motor oil, total petroleum hydrocarbons as diesel, and/or TPHg which exceeded commercial ESLs; however, the shallowest of these samples was from 14.5 fbg and current depth to water ranges from approximately 6 to 11 fbg, thus all of these results are likely due to groundwater impacts. No BTEX, MTBE, and TBA concentrations in deeper soil samples exceeded commercial ESLs.

2.3 THE DISSOLVED HYDROCARBON PLUME IS NOT MIGRATING

As discussed above, all contaminants of concern (COCs) are below ESLs in down-gradient groundwater monitoring wells MW-5 and MW-6. Therefore, the plume is not migrating. Decreasing COC concentrations in source area wells MW-3 and MW-4 indicate that the on-site plume is shrinking (see Figures 4 through 7).

2.4 MINIMAL GROUNDWATER IMPACT CURRENTLY EXISTS, FEW CONTAMINANTS ARE FOUND AT LEVELS ABOVE ESTABLISHED MCLS OR OTHER APPLICABLE WATER-QUALITY OBJECTIVES

As stated above, drinking water ESLs do not apply at this site. Maximum groundwater concentrations from samples collected during the fourth quarter of 2009 are compared with non-drinking water ESLs in the following table.

TABLE A		
COCs	*Current Maximum Concentrations in Site Groundwater (2/10) Units in µg/l*	*ESLs Where Groundwater is not a Source of Drinking Water (Table B) Units in µg/l*
TPHg	**2,800**	210
Benzene	**71**	46
Toluene	16	130
Ethylbenzene	3.9	43
Xylenes	9.0	100
MTBE	430	1,800
TBA	310	18,000

Note: µg/l = Micrograms per liter

During the first quarter of 2010, all groundwater detections were below applicable non-drinking water ESLs with the exception of TPHg and benzene in wells MW-3 and MW-4. Figure 4 shows TPHg and benzene concentrations in groundwater versus time, and Figure 5 shows MTBE and TBA concentrations in groundwater versus time for well MW-3. Figures 6 and 7 show the same respective constituent concentrations in groundwater over time for well MW-4. As shown on these figures, TPHg, benzene, MTBE and TBA concentrations are all decreasing in wells MW-3 and MW-4. Figures 3 through 7 also show first-order decay equations and projected times to reach ESLs for each constituent. As shown, groundwater concentrations of TPHg and benzene in MW-3 and MW-4 are all projected to reach non-drinking water ESLs by the year 2020 and, based on long-term trends, are all projected to reach drinking water ESLs by the year 2045, which is a reasonable time frame.

2.5 NO WATER WELLS, DEEPER DRINKING WATER AQUIFERS, SURFACE WATER, OR OTHER SENSITIVE RECEPTORS ARE LIKELY TO BE IMPACTED

Cambria Environmental Technology, Inc.'s (Cambria's) March 5, 1998 *Potential Receptor Survey Report* identified three surface water bodies (Claremont Creek, Temescal Creek, and the Broadway Branch of Glen Echo Creek) located cross gradient or up gradient of the site. Review of Alameda County Public Works Agency well records identified one domestic well one-quarter of a mile east (cross-gradient) on Ivanhoe Road. Cambria's August 9, 2001 *Site Conceptual Model and Well Receptor Survey* summarizes a review of California Department of Water Resources records which identified a total of seven

potential receptor wells, including an irrigation well and six unknown wells. The closest down-gradient potential receptor well was located ½ mile to the east.

Based on the directions and distances to these potential receptors, it is unlikely that they would be impacted by residual soil and groundwater impacts at the site.

2.6 THE SITE PRESENTS NO SIGNIFICANT RISK TO HUMAN HEALTH OR THE ENVIRONMENT

No formal risk assessment has been performed for the site. A discussion of potential risks associated with COCs in groundwater, soil vapor, and soil is presented below.

2.6.1 GROUNDWATER

All down-gradient groundwater concentrations are below the ESLs where groundwater is a current or potential drinking water source, demonstrating that they do not pose a risk to human health or the environment.

2.6.2 SOIL VAPOR

During 2010, CRA collected soil vapor samples from six soil vapor probes (SVP-1 through SVP-6; Figure 2). No COCs were detected in any of the soil vapor samples. Based on this, the site does not appear to pose a risk to human health. Additionally, this station is part of a service station sale with contract provisions for long term use of the Shell Brand and specific restrictions on site development to commercial uses excluding child day care, elder care, or other similar sensitive uses.

2.6.3 SOIL

As shown in the following table, vadose zone soil concentrations (based on 24 samples) do not exceed the commercial land use ESL for shallow soils (<10 fbg). Vadose zone samples from dispenser upgrades in 1998 are not considered because these locations were resampled during upgrades in 2004. Therefore, the 2004 upgrade results represent residual soil concentrations in the area of the dispensers.

TABLE B		
COCs	*Vadose Zone Soil Sample Maximum Concentrations* *Units in mg/kg*	*ESLs for Shallow Soils Where Groundwater is Not a Source of Drinking Water, Commercial Land Use (Table B)* *Units in mg/kg*
TPHg	17 (P-3-4' @ 4 fbg, collected 5/7/04)	180
Benzene	Not Detected	0.27
Toluene	Not Detected	9.3
Ethylbenzene	Not Detected	4.7
Xylenes	0.015 (SB-1-5.0' @ 5 fbg, collected 9/29/05)	11
MTBE	0.28 (SB-1-9.5 @ 9.5 fbg, collected 9/29/05)	8.4
TBA	0.53 (SB-1-9.5 @ 9.5 fbg, collected 9/29/05)	110

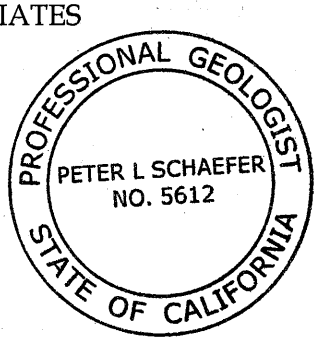
The site is paved, so the only direct exposures would likely occur during construction at the station. Any worker doing trenching or excavating at a current or former gasoline station would be properly trained, prepared for encountering potentially-impacted soil, and would wear personal protective equipment, as necessary. Therefore, the residual impacted soils do not appear to pose a significant threat to construction workers that may occasionally come in contact with the potentially-impacted soils on site, and any work at this site would require contractors to have appropriate health and safety training to perform the work.

3.0 CLOSURE REQUEST

The site is likely to remain in use as a service station. This station is part of a service station sale with contract provisions for long term use of the Shell Brand and specific restrictions on site development to commercial uses excluding child day care, elder care, or other similar sensitive uses. Given the concentrations of COCs in site soil and groundwater compared to the ESLs as presented above, and given the decreasing concentration trends in groundwater, CRA concludes that the residual petroleum and fuel oxygenate impacts at this site pose very little or no risk to human health or the environment.

This site meets the RWQCB criteria for a low-risk fuel site. Therefore, on behalf of Shell, we respectfully request closure of this case. CRA requests that Alameda County Environmental Health suspend the groundwater monitoring program during the closure review.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES



Peter Schaefer, CHG, CEG

FIGURES

12/31/08

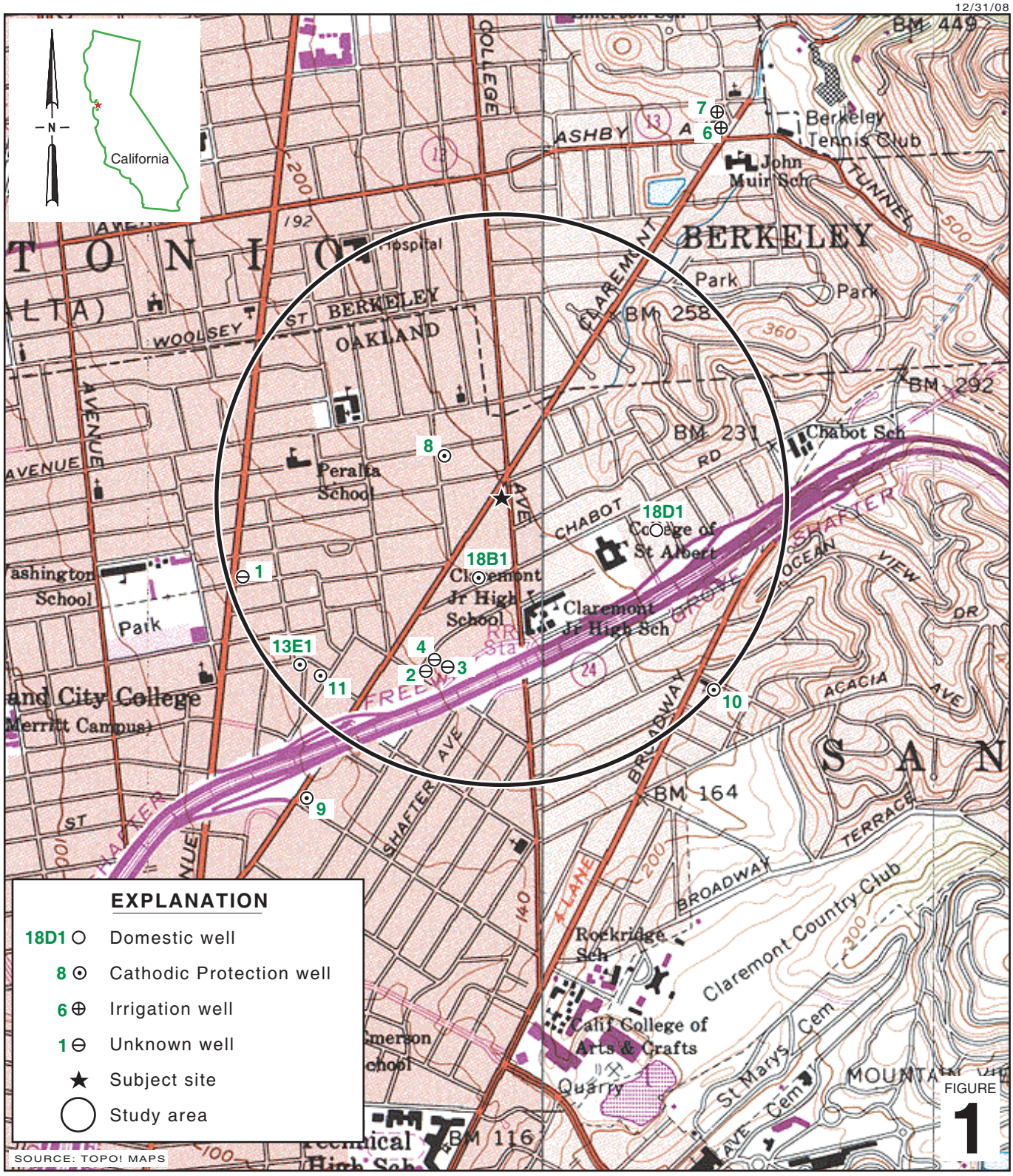


FIGURE
1

Shell-branded Service Station
6039 College Avenue
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

07/22/10

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
- fbg — Feet below grade
- SB-1 — Soil boring location (9/28-29/2005)
- BH-A — Soil boring location (WA, 9/1993)
- B-1 — Soil boring location (WA, 01/1990)
- D-1-5' — Soil sample location (5/7/2004)
- DISP-A — Soil sample location (2/11-12/1997)

62nd STREET

Residential and Commercial Properties

Commercial Properties

CLAREMONT AVENUE

COLLEGE AVENUE

ARMANINO COURT

Residential Properties

Shell Station
6039 College Ave.

Location of Sensitive Receptor Relative to Site
(Domestic Well 18D1, ~0.25 miles ENE)

18D1

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

B-1, B-2, B-3, B-4, B-5

SB-1, SB-2, SB-3, SB-6, SB-7, SB-8

BH-A, BH-B, BH-C, BH-D

D-1-5', D-2-5', D-3-5', D-4-5'

P-1-4', P-2-4', P-3-4', P-4-4'

DISP-A, DISP-B, DISP-C, DISP-D

USTs

Dispenser Islands

Canopy

Planter

Cashier

Storage

Building

Fence

MCI AT&T DUCT

Approximate Dispenser and UST locations (1940)

Approximate Dispenser and UST locations (1957)

Approximate Waste Oil UST locations (1940 & 1957)

FL = 190.19'

FL = 194.60'

FL = 193.78'

FL = 184'

FL = 189.30'

STM 90"Ø RCP

STM 24"Ø RCP

0 20 40 80

Scale (ft)

FIGURE

2

Site Plan

Shell-branded Service Station

6039 College Avenue

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--\240503-Oakland 6039 College\240503-FIGURES\240503 SITE PLAN.DWG

06/18/10

Groundwater Contour and Chemical Concentration Map

February 3, 2010

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
- fbg — Feet below grade
- x.xx — Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl)
- Well / ELEV / Benzene / MTBE — Well designation; Groundwater elevation, in feet above msl; Benzene and MTBE concentrations are in micrograms per liter

Notes:
ND = Not detected
NS = Not sampled

62nd STREET

Residential and Commercial Properties

CLAREMONT AVENUE

COLLEGE AVENUE

ARMANINO COURT

Commercial Properties

Location of Sensitive Receptor Relative to Site
(Domestic Well 18D1, ~0.25 miles ENE)

18D1

Residential Properties

Shell Station
6039 College Ave.

MW-1 186.50 ND ND
MW-2 185.89 ND ND
MW-3 185.11 71 430
MW-4 185.88 70 31
MW-5 183.51 ND ND
MW-6 182.17 ND 1.0
MW-7 185.36 ND 9.1

SVP-1
SVP-2
SVP-3
SVP-4
SVP-5
SVP-6

T-1
T-2

186.00
184.50
183.00

Approximate Dispenser and UST locations (1940)
Approximate Dispenser and UST locations (1957)
Approximate Waste Oil UST locations (1940 & 1957)

Planter
Canopy
Dispenser Islands
Cashier
Storage
Building
USTs
Fence
MCI AT&T DUCT
0.02

FL = 190.19
FL = 194.60
FL = 193.78
FL = 184
FL = 189.30
STM 90"Ø RCP
STM 24"Ø RCP

N

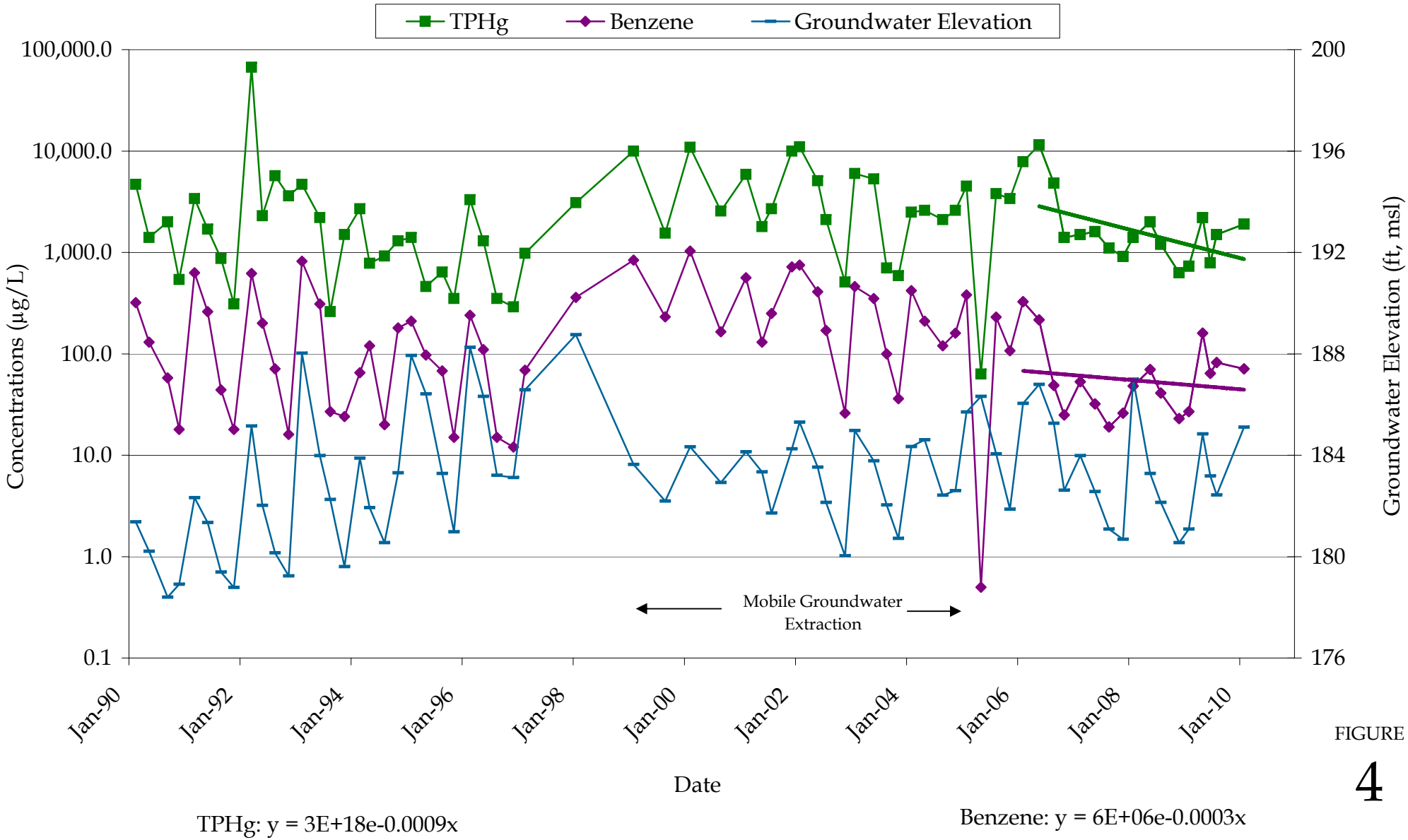
0 20 40 80
Scale (ft)

FIGURE
3

Shell-branded Service Station
6039 College Avenue
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--\240503-Oakland 6039 College\240503-REPORTS\240503-RPT8-1Q10\240503 1QM10-GW.DWG



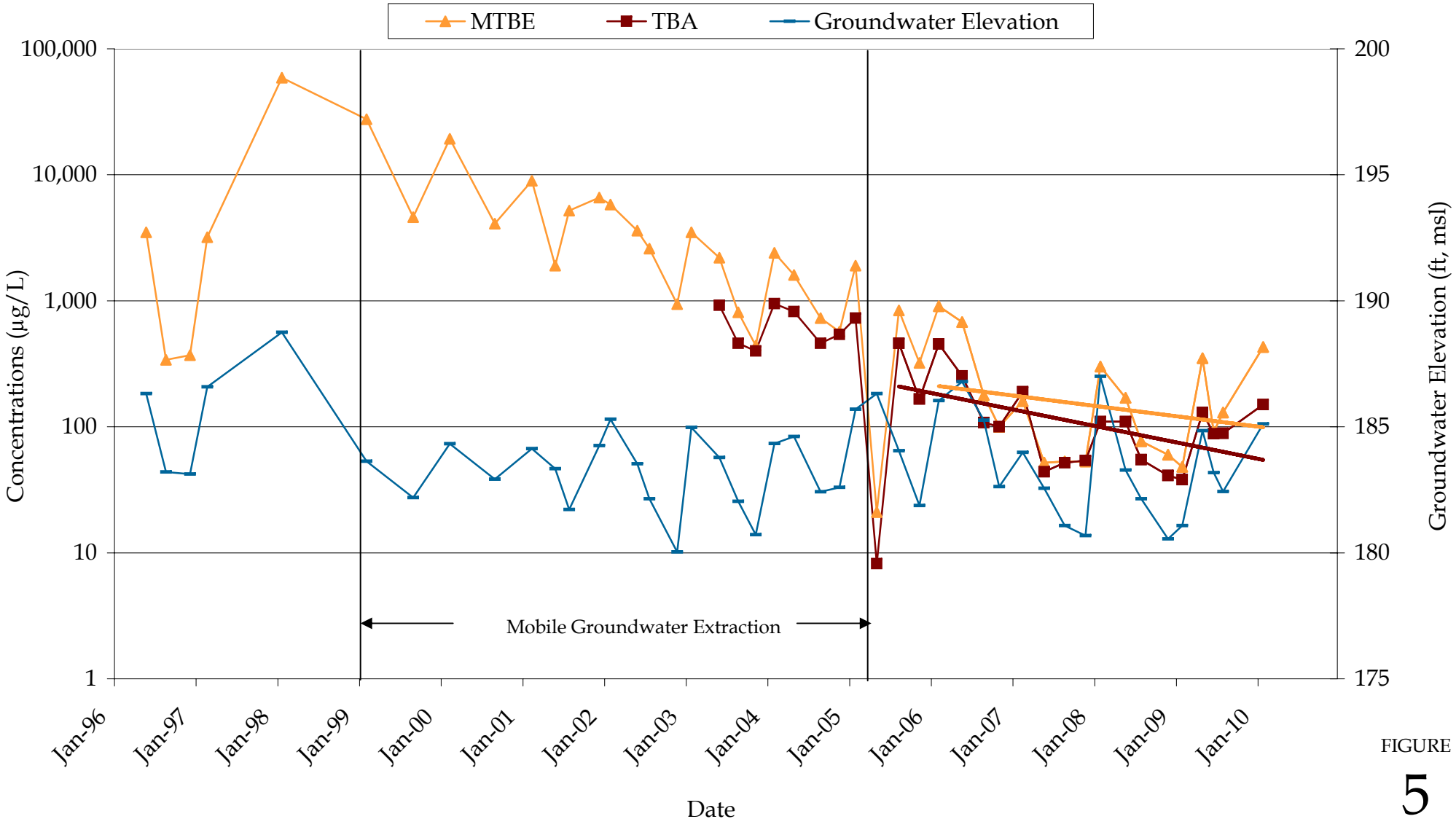
FIGURE

4

Shell-branded Service Station
6039 College Avenue
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

MW-3:
TPHg and Benzene Concentrations
and Groundwater Elevations



FIGURE

5

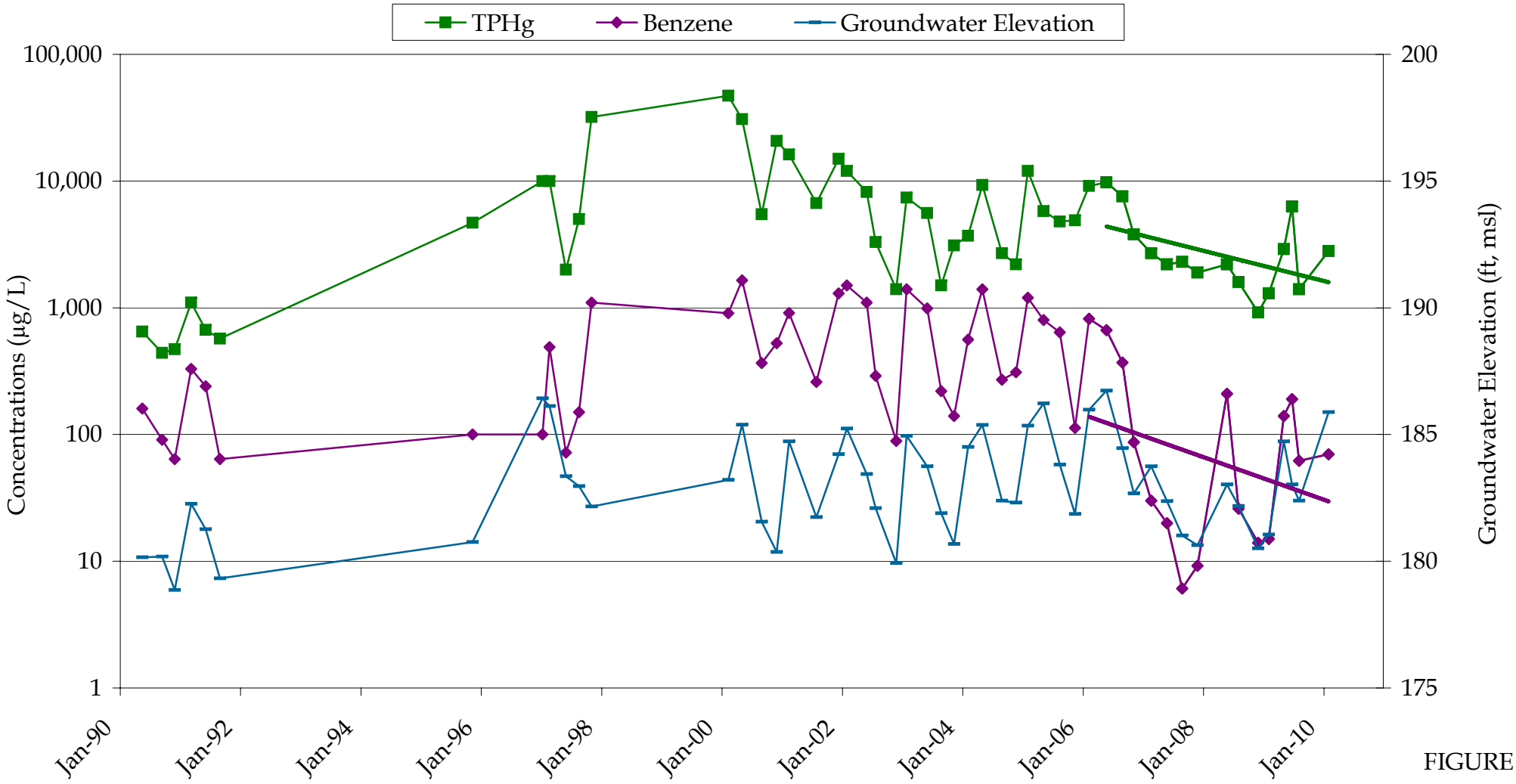
MTBE: y = 1E+11e-0.0005x

TBA: y = 1E+16e-0.0008x

Shell-branded Service Station
6039 College Avenue
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

MW-3:
MTBE and TBA Concentrations
and Groundwater Elevations



TPHg: $y = 2E+16e^{-0.0008x}$

Benzene: $y = 9E+19e^{-0.0011x}$

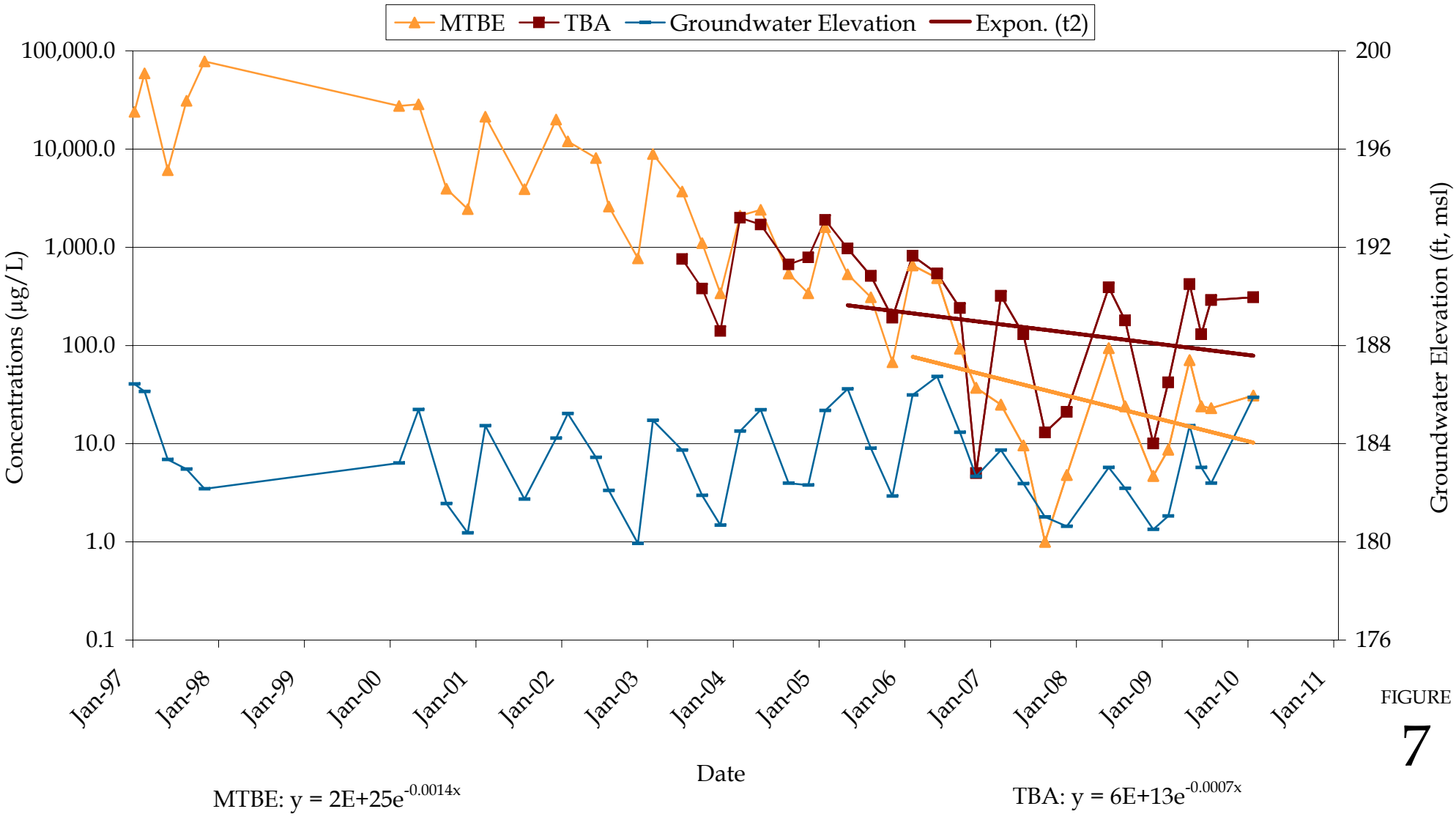
FIGURE

6

Shell-branded Service Station
6039 College Avenue
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

MW-4:
TPHg and Benzene Concentrations
and Groundwater Elevations



FIGURE

7

Shell-branded Service Station
6039 College Avenue
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

MW-4:
MTBE and TBA Concentrations
and Groundwater Elevations

TABLES

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	<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	--	--	--	--	--	--	--	--	--	--	--	--
BH-A	9/9/1993	11	<50	--	11[b]	28[a]	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--	--	--	--	--	**1.6**	**0.37**	--
BH-A	9/9/1993	16	<50	--	27[b]	130	<0.025	<0.0025	1.4	0.51	--	--	--	--	--	--	--	--	--	<0.33	<0.33	--

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[a]	<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[g]:			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[g]:			NA	5,000	180	180	2.0	9.3	4.7	11	8.4	110	NA	NA	NA	1.8	1	NA	Various	0.035	0.035	6.3

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*

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 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[a]:		210	32	2.1	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 [a]***:***		NA	210	210	46	130	43	100	1,800	18,000	NA	NA	NA	200	150	NA	2.1	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]).

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

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).

APPENDIX A

SITE HISTORY

SITE HISTORY

1957 Underground Storage Tank (UST) Removal and Replacement: 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. These tanks were apparently installed when the station first opened in 1940. 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.

1978 UST Removal and Installation: According to Shell's records, 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.

1989 Unauthorized 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.

1990 Soil Borings: In January 1990, Harding Lawson Associates (HLA) drilled soil borings B-1 through B-6 to a depth of approximately 25 feet below grade (fbg). Up to 610 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg), 5,900 mg/kg total petroleum hydrocarbons as diesel (TPHd), 110,000 mg/kg total petroleum hydrocarbons as motor oil, and 0.57 mg/kg benzene were detected in soil samples from borings B-3 and B-6. Petroleum hydrocarbon concentrations were near laboratory detection limits or not detected in soil samples collected from borings B-1, B-2, B-4, and B-5. Details of the investigation are included in HLA's April 13, 1990 *Quarterly Technical Report, First Quarter 1990.*

1990 Soil Boring and Well Installations: In February 1990, HLA drilled and installed groundwater monitoring wells MW-1 through MW-4 to a depth of 25 fbg. Up to 230 mg/kg TPHg and 1.1 mg/kg benzene were detected in soil samples collected from well borings MW-3 and MW-4. Petroleum hydrocarbon concentrations were near laboratory detection limits or not detected in soil samples collected from well boring MW-2. Details of the investigation and well installations are included in HLA's July 10, 1990 *Quarterly Technical Report, Second Quarter 1990.*

1991 Soil Boring and Well Installation: In August 1991, HLA installed monitoring well MW-5 to a depth of 28 fbg. Although 23 mg/kg of a petroleum mixture other than gasoline was detected in a soil sample from 16 fbg, no benzene was detected in any

samples collected. HLA's October 10, 1991 *Quarterly Technical Report, Third Quarter 1991* documents the investigation and well installations.

1993 Soil Boring and Well Installation: In March 1993, Weiss Associates (WA) drilled soil borings BH-A through BH-E and converted boring BH-E into monitoring well MW-6. Up to 580 mg/kg TPHg, 0.42 mg/kg benzene, and 930 mg/kg 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 only 3.5 mg/kg TPHd was detected in soil samples collected from boring BH-E (well MW-6). The report detailing this investigation is unavailable at this time.

1998 Dispenser and Piping Upgrade Soil Sampling: In February 1998, Cambria Environmental Technology, Inc. (Cambria) collected soil samples for analysis during an upgrade of the site's four gasoline dispensers. The maximum hydrocarbon concentrations were detected in soil samples collected at Dispenser C. TPHg, TPHd, and benzene were detected at concentrations of 5,300 mg/kg, 420 mg/kg, and 10 mg/kg, respectively. Samples from the other dispenser locations contained significantly lower concentrations. Soil sampling details are included in Cambria's April 30, 1998 *Dispenser Soil Sampling Report.*

1998 Potential Receptor Survey: In March 1998, Cambria completed a potential receptor survey to identify sensitive groundwater receptors within a ½-mile radius of the site. Three surface water bodies and one potential receptor well were located within the study area. However, due to their distance and location up gradient and cross-gradient of the site, Cambria concluded that none would be impacted by hydrocarbons detected at the subject site. Survey details are included in Cambria's March 5, 1998 *Potential Receptor Survey Report.* Figure 1 includes area well survey results.

1999 to 2005 Separate-Phase and Dissolved-Phase Hydrocarbon Removal: Weekly extraction of separate-phase hydrocarbons (SPHs) and dissolved-phase hydrocarbons was initiated at this site on September 22 and November 10, 1999. Advanced Cleanup Technologies, Inc. of Benicia, California extracted SPHs and groundwater from wells MW-3 and MW-4 with a vacuum truck. Beginning November 10, 1999, Blaine Tech Services, Inc. (Blaine) of San Jose, California assumed the weekly purging events as the volume of groundwater and SPHs removed each week was not sufficient to warrant using a vacuum truck. Due to the absence of SPHs in MW-4, weekly purging events by Blaine were discontinued on June 8, 2000. No SPHs were detected in the first quarter of 2001. SPHs reappeared in the second and third quarters of 2001, and monthly extraction by Onyx Industrial Services was resumed in December 2001. Due to low hydrocarbon concentrations monthly extraction was suspended after the first quarter of 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).

2001 Dual-Phase Vacuum Extraction (DVE) Pilot Test: In March 2001, Cambria conducted short-term DVE pilot tests 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. Cambria's June 14, 2001 First Quarter 2001 Monitoring Report and Remediation Pilot Testing report presents details of the pilot testing.

2001 Site Conceptual Model (SCM) and Well Receptor Survey and Conduit Studies: In August 2001, Cambria submitted a SCM and well receptor survey for the site. The receptor survey identified three surface water bodies and five potential receptor wells within a ½-mile radius of the site. Due to either their distance from the site or their location up gradient and cross-gradient of the site, it is unlikely that any of these wells would be impacted by hydrocarbons originating from the site. The conduit investigation findings indicated that there is potential for preferential pathway migration of petroleum hydrocarbons in existing horizontal utility trenches. Cambria's August 9, 2001 *Site Conceptual Model and Well Receptor Survey* report presents the SCM and details of the well receptor and conduit studies.

2004 Dispenser and Piping Upgrade Soil Sampling: In May 2004, Cambria collected soil samples for analysis 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 mg/kg. Cambria's July 7, 2004 *Dispenser and Piping Upgrade Sampling Report* documents the soil sampling.

2005 Subsurface Investigation: In September 2005, Cambria advanced six soil borings (SB-1 through SB-3 and SB-6 through SB-8) to assess subsurface conditions off site and down gradient of the 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 mg/kg. The hydrocarbon impact to soil in the area investigated was minimal and likely indicative of impacted groundwater.

Grab samples of the first-encountered groundwater were collected from each boring. TPHg was detected in five groundwater samples, at concentrations up to 43,000 micrograms per liter (µg/l). Benzene was detected in SB-8 at a concentration of

170 µg/l. MTBE was detected in all samples at concentrations up to 340 µg/l. Tertiary-butyl alcohol (TBA) was detected in five samples, at concentrations up to 3,400 µg/l. Di-isopropyl ether (DIPE) was detected in two samples, with concentrations of 210 µg/l and 380 µg/l in samples from SB-2 and SB-8, respectively. Ethylene dibromide (EDB) was detected in SB-7 at a concentration of 2.9 µg/l. Cambria's December 14, 2005 *Subsurface Investigation Report* presents investigation details.

2006 Well Installation: 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 mg/kg TPHg, 0.00333 mg/kg benzene, 0.0170 mg/kg toluene, 0.615 mg/kg ethylbenzene, 0.142 mg/kg xylenes, and 0.0476 mg/kg MTBE. Cambria's August 11, 2006 *Subsurface Investigation Report and Second Quarter 2006 Groundwater Monitoring Report* provides well installation details.

2010 Soil Vapor Investigation: In February 2010, Conestoga-Rovers & Associates installed six soil vapor probes (SVP-1 through SVP-6). The vapor probes were sampled in March 2010. No constituents of concern were detected in any soil vapor samples. CRA's April 13, 2010 *Soil Vapor Probe Installation and Sampling Report* presents investigation details.

Groundwater Monitoring Program: 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) which are sampled semiannually during the first and third quarters.

APPENDIX B

HISTORICAL GROUNDWATER ANALYTICAL DATA

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

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
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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	05/22/1996	<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

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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	05/09/2005	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	06/10/1993	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
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-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	192.52	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
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-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	193.37	16.73	NA	176.65	NA	NA
MW-4	04/18/1990	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	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	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	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	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	193.37	15.77	NA	177.60	NA	NA

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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	NA	NA	NA	NA	NA
MW-4	03/18/1992	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	04/29/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	05/28/1992	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	08/19/1992	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	11/17/1992	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	02/12/1993	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	06/10/1993	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	08/18/1993	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	11/19/1993	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	02/28/1994	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	05/04/1994	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	08/10/1994	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	11/10/1994	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	02/01/1995	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	05/10/1995	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	08/24/1995	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	11/10/1995	4,700	NA	100	22	23	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.27	NA	176.10	<0.01	NA
MW-4	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.44	NA	182.95	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	11.88	NA	181.51	0.03	NA
MW-4	08/19/1996	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	12/05/1996	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	01/08/1997	<10,000	NA	<100	<100	<100	<100	24,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.60	NA	181.79	0.02	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	11.91	NA	181.46	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	14.68	NA	178.69	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	15.07	NA	178.30	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	15.87	NA	177.50	NA	NA
MW-4	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.25	NA	183.62	0.62	NA
MW-4	06/05/1998	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	07/23/1998	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	11/19/1998	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	12/09/1998	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	02/03/1999	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

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-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	4,600	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 i	1.81 i	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 i	<1.0	0.23 i	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 i	0.27 i	0.93 i	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

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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 i	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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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	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	<1.0	<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	<1.0	<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 j	<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 j	<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

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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	Dry	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	7.50	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	NA	Dry	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	198.47	NA	NA	NA	NA	NA

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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.

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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.