

February 15, 2005

Mr. Robert Schultz  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-8577

**RE: Electronic Report Submission**

Dear Mr. Schultz:

The purpose of this letter is to inform you that on behalf of the Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) will issue all future quarterly monitoring reports (QMR) electronically to the State Water Resources Control Board's GEOTRACKER website (<http://www.geotracker.swrcb.ca.gov/>). You may access your report directly from this website. If you would prefer to have a PDF copy e-mailed to you or if you would like to continue receiving a paper copy, please contact Rick Murray at (510) 874-1755.

If you have any questions regarding this submission, please call me at (510) 874-3125.

Sincerely,

**URS CORPORATION**



Rachel Lindvall  
QMR Coordinator



Atlantic Richfield Company  
(a BP affiliated company)

6 Centerpointe Drive, Room 172  
La Palma, CA 90623-1066  
Phone: (714) 670-5303  
Fax: (714) 670-5195

April 15, 2005

**Re: First Quarter 2005 Groundwater Monitoring Report  
Former BP Service Station #11109  
4280 Foothill Boulevard  
Oakland, California  
Regulatory Case No.: RO0000102**

I declare that, to the best of my knowledge at the present time, the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Kyle Christie  
Environmental Business Manager



April 15, 2005

Mr. Robert Schultz  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502

Re: **First Quarter 2005 Groundwater Monitoring Report**  
**Former BP Service Station #11109**  
**4280 Foothill Boulevard**  
**Oakland, California**  
**Regulatory Case No.: RO0000102**

Dear Mr. Schultz:

On behalf of the Atlantic Richfield Company (RM - a BP affiliated company), URS Corporation (URS) is submitting the *First Quarter 2005 Groundwater Monitoring Report* for the Former BP Service Station #11109, located at 4280 Foothill Boulevard, Oakland, California.

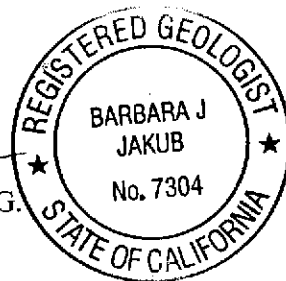
If you have any questions regarding this submission, please call me at (510) 874-1758.

Sincerely,

**URS CORPORATION**

Lynelle Onishi  
Project Manager

Barbara J. Jakub, P.G.  
Senior Geologist



Enclosure: First Quarter 2005 Groundwater Monitoring Report

cc: Mr. Kyle Christie, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS  
Ms. Liz Sewell, Conoco Phillips, electronic copy uploaded to URS ftp server  
Mr. Chris Jimmerson, Delta Environmental Consulting, electronic copy uploaded to ENFOS

**R E P O R T**

**FIRST QUARTER 2005  
GROUNDWATER MONITORING  
REPORT**

FORMER BP SERVICE STATION #11109  
4280 FOOTHILL BOULEVARD  
OAKLAND, CALIFORNIA

*Prepared for*  
RM

April 15, 2005

**URS**

URS Corporation  
1333 Broadway, Suite 800  
Oakland, California 94612

Date: April 15, 2005  
Quarter: 1Q 05

### RM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.: 11109 Address: 4280 Foothill Blvd., Oakland, CA  
RM Environmental Business Manager: Kyle Christie  
Consulting Co./Contact Person: URS Corporation / Lynelle Onishi  
Primary Agency: Alameda County Health Care Services Agency  
Regulatory Case No.: RO0000102

#### WORK PERFORMED THIS QUARTER (First – 2005):

1. Prepared and submitted fourth quarter 2004 status report.
2. Performed first quarter 2005 groundwater monitoring event on March 7, 2005.
3. Performed monthly free product gauging and bailing of well MW-5 on January 13, February 1, and March 7, 2005.

#### WORK PROPOSED FOR NEXT QUARTER (Second – 2005):

1. Prepare and submit this first quarter 2005 groundwater monitoring report.
2. Resurvey Site wells.
3. Prepare and submit second quarter 2005 status report.
4. Perform monthly free product gauging and bailing of well MW-5.

Current Phase of Project: GW monitoring / sampling/ Free Product (FP) bailing  
Frequency of Groundwater Sampling: Semi-annually: MW-2, MW-4, MW-5, MW-7 (1Q/3Q)  
Annually: Wells MW-8, MW-9, MW-3, MW-6 (1Q)  
Frequency of Groundwater Monitoring: Semi-annually  
Current Remediation Techniques: Monthly FP bailing in MW-5  
FP Removed this Quarter: 0.02 gallons  
Cumulative FP Removed: 1.23 gallons  
Approximate Depth to Groundwater: 2.32 (MW-2) to 13.65 (MW-6) feet  
Groundwater Gradient (direction): Southwest (off-site) and North (on-site)  
Groundwater Gradient (magnitude): 0.09 feet per foot (off-site)

## **DISCUSSION:**

A total of 0.02 gallons of free product was removed during the February 1 and March 7, 2005 monthly bailing events. No free product was observed during the January 13, 2005 bailing event. Gasoline range organics (GRO) were detected at or above the laboratory reporting limit in two of the six wells sampled this quarter at concentrations of 67 micrograms per liter ( $\mu\text{g/L}$ ) (MW-4) and 340  $\mu\text{g/L}$  (MW-7). Benzene, toluene and ethylbenzene were detected at or above their respective laboratory reporting limits in well MW-7 at concentrations of 41  $\mu\text{g/L}$ , 0.79  $\mu\text{g/L}$  and 0.79  $\mu\text{g/L}$ , respectively. Xylenes were detected at or above the laboratory reporting limit in two of the six wells sampled this quarter at concentrations of 0.52  $\mu\text{g/L}$  (MW-3) and 0.73  $\mu\text{g/L}$  (MW-7). Methyl tert-butyl ether (MTBE) was detected at or above laboratory reporting limit in four of the six wells sampled at concentrations ranging from 5.1  $\mu\text{g/L}$  (MW-3) to 42  $\mu\text{g/L}$  (MW-4). Tert-amyl methyl ether (TAME) was detected at or above laboratory reporting limit in well MW-4 at a concentration of 0.56  $\mu\text{g/L}$ . No other fuel components were detected at or above their respective laboratory reporting limits this quarter.

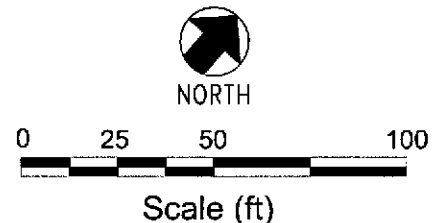
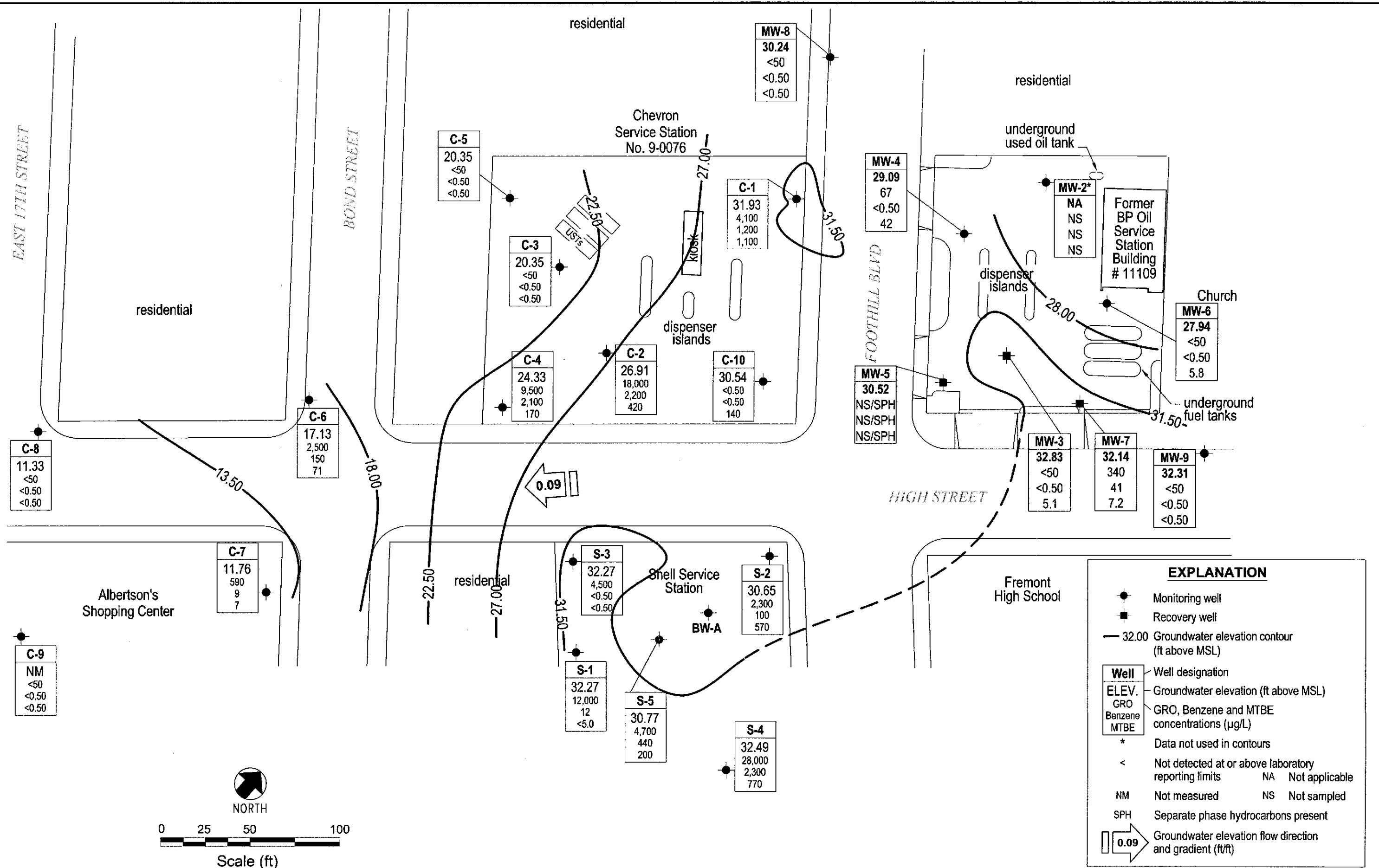
Well MW-2 was not sampled due to the well casing being obstructed by an unknown object. An attempt was made to remove the obstruction, but it was unsuccessful. Also, the groundwater elevation in MW-2 was not included on the contour map because we believe the obstruction prevents us from obtaining an accurate water level measurement.

The off-site groundwater flow direction is to the southwest at a hydraulic gradient of 0.09 feet per foot. The on-site groundwater flow direction is to the north. The Site wells will be resurveyed to confirm the groundwater flow direction at the Site.

## **ATTACHMENTS:**

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – March 7, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Free Product Removal
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/Geowell Submittal Confirmations
- Attachment D – Joint Monitoring Data

Apr 15, 2005 - 10:51am  
X:\env\workspace\BP\_CEM\site\Drawings\1109-1\005-GW.dwg



NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES.  
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

EXPLANATION	
	Monitoring well
	Recovery well
	32.00 Groundwater elevation contour (ft above MSL)
<b>Well</b>	Well designation
<b>ELEV.</b>	Groundwater elevation (ft above MSL)
<b>GRO</b>	GRO, Benzene and MTBE concentrations (µg/L)
<b>Benzene</b>	
<b>MTBE</b>	
*	Data not used in contours
<	Not detected at or above laboratory reporting limits
NM	Not measured
SPH	Separate phase hydrocarbons present
	Groundwater elevation flow direction and gradient (ft/ft)

<b>URS</b>	Project No. 38487248	<b>GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP</b>	FIGURE <b>1</b>
	Former BP Service Station #11109 4280 Foothill Boulevard Oakland, California		

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)	
MW-1	1/31/1990	--	--	38.19	15.41	--	22.78	--	--	--	--	--	--	--	--	--	--	--	--	
	2/5/1990	--	c	38.19		--		--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	2/5/1990	--	--	41.22	21.90	--	19.31	1,300	14	<0.1	9	13	--	--	SUP	--	--	--	--	
	2/14/1991	--	d	41.22	21.16	--	20.06	<50	<0.3	<0.3	<0.3	<0.3	--	--	SUP	--	<10000	<5000	51	
	5/13/1991	--	e	41.22	21.32	--	19.90	<50	<0.3	<0.3	<0.3	<0.3	--	--	SUP	--	<50	6,000	0.5	
	7/24/1991	--	--	41.22	22.92	--	18.30	--	--	--	--	--	--	--	--	--	--	--	--	
	10/3/1991	--	e	41.22	24.90	--	16.32	<50	<0.3	0.8	<0.3	<0.3	--	--	SUP	--	<50	<5000	0.7	
	10/15/1991	--	--	41.22	24.10	--	17.12	--	--	--	--	--	--	--	--	--	--	--	--	
	12/4/1991	--	f	41.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/16/1991	--	--	41.22	23.95	--	17.27	--	--	--	--	--	--	--	--	--	--	--	--	
	1/6/1992	--	--	41.22	23.30	--	17.92	<50	<0.3	<0.3	<0.3	<0.3	<0.3	--	--	ANA	--	<50	<5000	ND
	1/22/1992	--	--	41.22	23.14	--	18.08	--	--	--	--	--	--	--	--	--	--	--	--	
	1/28/1992	--	--	41.22	22.99	--	18.23	--	--	--	--	--	--	--	--	--	--	--	--	
	2/5/1992	--	--	41.22	22.63	--	18.59	--	--	--	--	--	--	--	--	--	--	--	--	
	2/12/1992	--	--	41.22	22.04	--	19.18	--	--	--	--	--	--	--	--	--	--	--	--	
	2/17/1992	--	--	41.22	20.84	--	20.38	--	--	--	--	--	--	--	--	--	--	--	--	
	4/3/1992	--	--	41.22	18.29	--	22.93	--	--	--	--	--	--	--	--	--	--	--	--	
	4/8/1992	--	--	41.22	18.86	--	22.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	63	<5000	ND
	4/14/1992	--	--	41.22	19.45	--	21.77	--	--	--	--	--	--	--	--	--	--	--	--	
	4/29/1992	--	--	41.22	20.35	--	20.87	--	--	--	--	--	--	--	--	--	--	--	--	
	5/7/1992	--	--	41.22	20.84	--	20.38	--	--	--	--	--	--	--	--	--	--	--	--	
	7/3/1992	--	--	41.22	22.34	--	18.88	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	
	10/8/1992	--	--	41.22	23.73	--	17.49	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	
	12/31/1992	--	--	41.22	21.12	--	20.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	
	4/21/1993	--	g, n		41.22	17.68	--	23.54	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	<50	<5000	ND
7/7/1993	--	e, n		41.22	20.30	--	20.92	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	1.0	
9/21/1993	--	n		41.22	21.93	--	19.29	<50	0.9	0.7	0.7	2.6	21.54	--	PACE	--	--	--	--	
12/17/1993	--	--		41.22	21.48	--	19.74	--	--	--	--	--	--	--	--	--	--	--		
12/23/1993	--	n		41.22	--	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--	PACE	--	--	--		
4/7/1994	--	n		41.22	20.25	--	20.97	<50	<0.5	<0.5	<0.5	<0.5	12.2	5.9	PACE	--	--	--		
7/6/1994	--	n		41.22	20.59	--	20.63	<50	<0.5	<0.5	<0.5	<0.5	--	3.1	PACE	--	--	--		
10/7/1994	--	n		41.22	22.04	--	19.18	<50	<0.5	<0.5	<0.5	<0.5	15.2	2.8	PACE	--	--	--		
1/27/1995	--	--		41.22	26.12	--	15.10	<50	<0.5	<0.5	<0.5	<1	--	4.8	ATI	--	440	<5000	--	



Table 1

## Groundwater Elevation and Analytical Data

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-2	3/30/1995	--	--	41.22	12.34	--	28.88	<50	<0.50	<0.50	<0.50	<1.0	--	7.2	ATI	--	--	---	---
	6/20/1995	--	--	41.22	16.42	--	24.80	<50	<0.50	<0.50	<0.50	<1.0	--	6.0	ATI	--	--	---	---
	10/3/1995	--	--	41.22	20.06	--	21.16	<50	<0.50	<0.50	<0.50	<1.0	<5.0	5.7	ATI	--	--	---	---
	12/6/1995	--	--	41.22	21.31	--	19.91	<50	<0.50	<0.50	<0.50	<1.0	46	5.4	ATI	--	--	---	---
	3/21/1996	--	--	41.22	12.28	--	28.94	<50	<0.5	<1.0	<1.0	<1.0	<1.0	7.4	SPL	--	--	---	---
	6/21/1996	--	--	41.22	13.28	--	27.94	<50	<0.5	<1	<1	<1	<10	7.3	SPL	--	--	---	---
	9/6/1996	--	--	41.22	13.94	--	27.28	--	--	--	--	--	--	--	--	--	--	---	---
	9/9/1996	--	--	41.22	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	7.4	SPL	--	--	---	---
	12/19/1996	--	--	41.22	12.19	--	29.03	<50	<0.5	<1.0	<1.0	<1.0	<10	7.9	SPL	--	--	---	---
	3/17/1997	--	--	41.22	11.59	--	29.63	--	--	--	--	--	--	--	--	--	--	---	---
	8/12/1997	--	--	41.22	13.21	--	28.01	--	--	--	--	--	--	--	--	--	--	---	---
	12/10/1997	--	--	41.22	12.34	--	28.88	--	--	--	--	--	--	--	--	--	--	---	---
	3/12/1998	--	--	41.22	11.04	--	30.18	--	--	--	--	--	--	--	--	--	--	---	---
	6/23/1998	--	--	41.22	11.77	--	29.45	--	--	--	--	--	--	--	--	--	--	---	---
	3/31/1999	--	--	41.22	12.38	--	28.84	--	--	--	--	--	--	--	--	--	--	---	---
	8/25/1999	--	--	41.22	17.72	--	23.50	--	--	--	--	--	--	--	--	--	--	---	---
	3/9/2000	--	--	41.22	11.94	--	29.28	--	--	--	--	--	--	--	--	--	--	---	---
	3/8/2001	--	--	41.22	10.31	--	30.91	--	--	--	--	--	--	--	--	--	--	---	---
	3/8/2002	--	--	41.22	14.35	--	26.87	--	--	--	--	--	--	--	--	--	--	---	---
	3/18/2002	--	--	41.22	13.11	--	28.11	--	--	--	--	--	--	--	--	--	--	---	---
	3/11/2003	--	--	41.22	13.24	--	27.98	--	--	--	--	--	--	--	--	--	--	---	---
	12/09/2003	P	q	41.22	18.58	--	22.64	350	<0.50	<0.50	0.56	2.8	24	--	SEQM	6.2	--	--	--
	03/09/2004	P	--	41.22	12.52	--	28.70	74	<0.50	<0.50	0.83	4.7	27	--	SEQM	6.5	--	--	--
	09/17/2004	P	--	41.22	18.05	--	23.17	59	<0.50	<0.50	<0.50	<0.50	21	--	SEQM	6.3	--	--	--
	03/07/2005	--	p	41.22	2.32	--	38.90	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/5/1990	--	--	40.74	17.45	--	23.29	1,400	15	<2.5	11	8	--	--	SUP	--	--	---	---
	2/14/1991	--	--	40.74	18.52	--	22.22	320	8	<0.3	8	1	--	--	SUP	--	--	---	---
	5/13/1991	--	--	40.74	19.32	--	21.42	640	13	<0.3	18	1	--	--	SUP	--	--	---	---
	7/24/1991	--	--	40.74	20.69	--	20.05	--	--	--	--	--	--	--	--	--	--	---	---
	10/3/1991	--	--	40.74	19.47	--	21.27	940	21	<0.3	23	2.1	--	--	SUP	--	--	---	---
	10/15/1991	--	--	40.74	20.46	--	20.28	--	--	--	--	--	--	--	--	--	--	---	---
	12/4/1991	--	--	40.74	18.29	--	22.45	--	--	--	--	--	--	--	--	--	--	---	---
	12/16/1991	--	--	40.74	18.34	--	22.40	--	--	--	--	--	--	--	--	--	--	---	---

Table 1

## Groundwater Elevation and Analytical Data

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-3	1/6/1992	--	--	40.74	18.50	--	22.24	580	6.1	1	6.1	7.1	--	--	ANA	--	--	---	---
	1/22/1992	--	--	40.74	17.86	--	22.88	--	--	--	--	--	--	--	---	--	--	---	---
	1/28/1992	--	--	40.74	15.84	--	24.90	--	--	--	--	--	--	--	---	--	--	---	---
	2/5/1992	--	--	40.74	17.53	--	23.21	--	--	--	--	--	--	--	---	--	--	---	---
	2/12/1992	--	--	40.74	17.15	--	23.59	--	--	--	--	--	--	--	---	--	--	---	---
	2/17/1992	--	--	40.74	16.18	--	24.56	--	--	--	--	--	--	--	---	--	--	---	---
	4/3/1992	--	--	40.74	14.80	--	25.94	--	--	--	--	--	--	--	---	--	--	---	---
	4/8/1992	--	--	40.74	17.06	--	23.68	1,100	30	4.6	32	11	--	--	ANA	--	--	---	---
	4/14/1992	--	--	40.74	15.22	--	25.52	--	--	--	--	--	--	--	---	--	--	---	---
	4/29/1992	--	--	40.74	15.90	--	24.84	--	--	--	--	--	--	--	---	--	--	---	---
	5/7/1992	--	--	40.74	16.35	--	24.39	--	--	--	--	--	--	--	---	--	--	---	---
	7/3/1992	--	--	40.74	17.74	--	23.00	1,200	38	<2.5	24	<2.5	--	--	ANA	--	--	---	---
	10/8/1992	--	--	40.74	19.06	--	21.68	1,400	31	<0.5	25	13	--	--	ANA	--	--	---	---
	12/31/1992	--	h	40.74	---	--	---	960	11	3.6	10	3.8	--	--	ANA	--	--	---	---
	12/31/1992	--	--	40.74	16.61	--	24.13	820	12	4.1	13	5.9	--	--	ANA	--	--	---	---
	4/21/1993	--	h, n	40.74	---	--	---	390	5	<0.5	3.7	1.5	--	--	PACE	--	--	---	---
	4/21/1993	--	n	40.74	14.24	--	26.50	420	5.6	<0.5	3.9	1.4	--	--	PACE	--	--	---	---
	7/7/1993	--	i, n	40.13	15.19	--	24.94	54	0.6	0.6	<0.5	<0.5	12.68	--	PACE	--	--	---	---
	9/21/1993	--	n	40.13	16.58	--	23.55	540	7.9	0.9	4.7	2.4	--	--	PACE	--	--	---	---
	12/17/1993	--	--	40.13	15.82	--	24.31	--	--	--	--	--	--	--	---	--	--	---	---
	12/23/1993	--	h	40.13	---	--	---	480	9.2	<0.5	5.4	5.3	--	--	PACE	--	--	---	---
	12/23/1993	--	n	40.13	---	--	---	500	9.8	1.5	3.3	2.1	--	--	PACE	--	--	---	---
	4/7/1994	--	h	40.13	---	--	---	460	20	7.7	9	11	--	--	PACE	--	--	---	---
	4/7/1994	--	n	40.13	28.50	--	11.63	460	20	7.4	8.9	11	18.2	--	PACE	--	--	---	---
	7/6/1994	--	n	40.13	---	--	---	300	10	0.6	1.7	6.4	5.54	4.8	PACE	--	--	---	---
	10/7/1994	--	n	40.13	27.65	--	12.48	620	28	<0.5	2.2	12	31.4	4.4	PACE	--	--	31	---
	1/27/1995	--	j	40.13	27.65	--	12.48	--	--	--	--	--	--	--	---	--	--	---	---
	3/30/1995	--	--	40.13	26.05	--	14.08	300	10	6	3.4	18	--	7.6	ATI	--	--	---	---
	6/20/1995	--	--	40.13	19.49	--	20.64	170	7.2	3.4	0.85	15	--	--	ATI	--	--	---	---
	10/3/1995	--	--	40.13	24.93	--	15.20	170	2.1	<0.50	0.81	8	6.7	--	ATI	--	--	---	---
	12/6/1995	--	h	40.13	---	--	---	1,400	6.1	3	1.7	190	53	--	ATI	--	--	---	---
	12/6/1995	--	--	40.13	25.14	--	14.99	1,700	6.7	3.1	2.8	210	64	--	ATI	--	--	---	---
	3/21/1996	--	--	40.13	9.48	--	30.65	<50	0.5	<1	<1	1	<10	7.3	SPL	--	--	---	---
	6/21/1996	--	--	40.13	11.60	--	28.53	<50	13	<1	<1	<1	12	7.6	SPL	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-3	9/6/1996	--	--	40.13	12.23	--	27.90	--	--	--	--	--	--	--	--	--	--	--	--
	9/9/1996	--	--	40.13	--	--	--	<250	6.5	<5.0	<5.0	<5.0	<50	7.6	SPL	--	--	--	--
	12/19/1996	--	--	40.13	10.46	--	29.67	<50	4.1	<1.0	<1.0	<1.0	<10	8.4	SPL	--	--	--	--
	3/17/1997	--	--	40.13	9.86	--	30.27	50	<5	<1.0	<1.0	<1.0	<10	7.4	SPL	--	--	--	--
	8/12/1997	--	--	40.13	12.11	--	28.02	<50	0.79	<1.0	<1.0	<1.0	10	6.1	SPL	--	--	--	--
	12/10/1997	--	--	40.13	10.90	--	29.23	<50	<0.5	<1.0	<1.0	<1.0	<10	3.2	SPL	--	--	--	--
	3/12/1998	--	h	40.13	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	--	SPL	--	--	--	--
	3/12/1998	--	--	40.13	10.20	--	29.93	<50	<0.5	<1.0	<1.0	<1.0	<10	6.3	SPL	--	--	--	--
	6/23/1998	--	--	40.13	10.17	--	29.96	50	<0.5	<1.0	<1.0	<1.0	<10	3.4	SPL	--	--	--	--
	3/31/1999	--	--	40.13	11.45	--	28.68	60	<1.0	<1.0	<1.0	<1.0	6.2	--	SPL	--	--	--	--
	8/25/1999	--	--	40.13	12.52	--	27.61	<50	<1.0	<1.0	<1.0	<1.0	7.7	--	SPL	--	--	--	--
	3/9/2000	--	--	40.13	12.39	--	27.74	<50	<0.5	0.54	<0.5	1.7	6.3	--	PACE	--	--	--	--
	3/8/2001	--	--	40.13	10.41	--	29.72	<50	<0.5	<0.5	<0.5	0.59	7.7	--	PACE	--	--	--	--
	3/8/2002	--	--	40.13	9.83	--	30.30	62	<0.5	<0.5	<0.5	<1.0	11.6	--	PACE	--	--	--	--
	3/18/2002	--	--	40.13	9.20	--	30.93	--	--	--	--	--	--	--	--	--	--	--	--
	3/11/2003	--	--	40.13	10.54	--	29.59	<50	<0.50	<0.50	<0.50	<0.50	6.7	--	SEQ	--	--	--	--
	12/09/2003	P	--	40.13	12.88	--	27.25	<50	<0.50	<0.50	<0.50	<0.50	6.4	--	SEQM	6.3	--	--	--
03/09/2004	P	--	40.13	9.49	--	30.64	<50	<0.50	<0.50	<0.50	0.63	6.9	--	SEQM	6.1	--	--	--	
09/17/2004	--	--	40.13	12.76	--	27.37	--	--	--	--	--	--	--	--	--	--	--	--	
03/07/2005	P	--	40.13	7.30	--	32.83	<50	<0.50	<0.50	<0.50	<0.50	0.52	5.1	--	SEQM	7.0	--	--	
MW-4	2/5/1990	--	--	40.11	20.75	--	19.36	620	<0.5	9	<0.5	10	--	--	SUP	--	--	--	--
	2/14/1991	--	--	40.11	21.73	--	18.38	180	<0.3	<0.3	0.4	2	--	--	SUP	--	--	--	--
	5/13/1991	--	--	40.11	18.55	--	21.56	72	0.7	<0.3	<0.3	<0.3	--	--	SUP	--	--	--	--
	7/24/1991	--	--	40.11	21.31	--	18.80	--	--	--	--	--	--	--	--	--	--	--	--
	10/3/1991	--	--	40.11	22.57	--	17.54	57	<0.3	<0.3	<0.3	<0.3	--	--	SUP	--	--	--	--
	10/15/1991	--	--	40.11	22.88	--	17.23	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/1991	--	--	40.11	22.54	--	17.57	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/1991	--	--	40.11	22.59	--	17.52	--	--	--	--	--	--	--	--	--	--	--	--
	1/6/1992	--	--	40.11	22.00	--	18.11	480	0.8	3.2	1.9	7.7	--	--	ANA	--	--	--	--
	1/22/1992	--	--	40.11	21.58	--	18.53	--	--	--	--	--	--	--	--	--	--	--	--
	1/28/1992	--	--	40.11	21.42	--	18.69	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1992	--	--	40.11	21.10	--	19.01	--	--	--	--	--	--	--	--	--	--	--	--
2/12/1992	--	--	40.11	20.74	--	19.37	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-4	2/17/1992	--	--	40.11	19.78	--	20.33	--	--	--	--	--	--	--	---	--	--	---	---
	4/3/1992	--	--	40.11	16.80	--	23.31	--	--	--	--	--	--	--	---	--	--	---	---
	4/8/1992	--	--	40.11	17.13	--	22.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	4/14/1992	--	--	40.11	17.74	--	22.37	--	--	--	--	--	--	--	---	--	--	---	---
	4/29/1992	--	--	40.11	18.56	--	21.55	--	--	--	--	--	--	--	---	--	--	---	---
	5/7/1992	--	--	40.11	19.10	--	21.01	--	--	--	--	--	--	--	---	--	--	---	---
	7/3/1992	--	--	40.11	20.71	--	19.40	<50	0.6	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	10/8/1992	--	--	40.11	22.43	--	17.68	270	<0.5	2.1	2.5	3.2	--	--	ANA	--	--	---	---
	12/31/1992	--	--	40.11	19.58	--	20.53	150	<0.5	<0.5	<0.5	1.3	--	--	ANA	--	--	---	---
	4/21/1993	--	n	40.11	17.79	--	22.32	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	7/7/1993	--	n	40.11	18.44	--	21.67	160	1.2	5.4	3.8	19	5.51	--	PACE	--	--	---	---
	9/21/1993	--	n	40.11	20.14	--	19.97	71	<0.5	1.9	<0.5	2.1	--	--	PACE	--	--	---	---
	12/17/1993	--	--	40.11	19.80	--	20.31	--	--	--	--	--	--	--	---	--	--	---	---
	12/23/1993	--	n	40.11		--		<50	3.1	1.6	0.8	3.8	5.7	--	PACE	--	--	---	---
	4/7/1994	--	n	40.11	19.12	--	20.99	<50	<0.5	<0.5	<0.5	<0.5	11.7	6.6	PACE	--	--	---	---
	7/6/1994	--	n	40.11	19.90	--	20.21	62	<0.5	<0.5	<0.5	<0.5	--	4.1	PACE	--	--	---	---
	10/7/1994	--	n	40.11	20.07	--	20.04	<50	<0.5	<0.5	<0.5	<0.5	7.38	3.6	PACE	--	--	---	---
	1/27/1995	--	--	40.11	13.72	--	26.39	<50	<0.5	<0.5	<0.5	<1	--	2.7	ATI	--	--	---	---
	3/30/1995	--	--	40.11	11.46	--	28.65	<50	<0.50	<0.50	<0.50	<1.0	--	8.3	ATI	--	--	---	---
	6/20/1995	--	--	40.11	14.78	--	25.33	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	--	---	---
	10/3/1995	--	--	40.11	19.62	--	20.49	<50	<0.50	<0.50	<0.50	<1.0	5	5.8	ATI	--	--	---	---
	12/6/1995	--	--	40.11	19.91	--	20.20	<50	<0.50	<0.50	<0.50	<1.0	47	5.7	ATI	--	--	---	---
	3/21/1996	--	--	40.11	11.12	--	28.99	<50	<0.5	<1	<1	<1	<10	7.8	SPL	--	--	---	---
	6/21/1996	--	--	40.11	12.21	--	27.90	<50	<0.5	<1	<1	<1	<10	7.9	SPL	--	--	---	---
	9/6/1996	--	--	40.11	12.89	--	27.22	--	--	--	--	--	--	--	---	--	--	---	---
	9/9/1996	--	--	40.11		--		<50	<0.5	<1.0	<1.0	<1.0	<10	7.2	SPL	--	--	---	---
	12/19/1996	--	--	40.11	11.01	--	29.10	<50	<0.5	<1.0	<1.0	<1.0	<10	8.4	SPL	--	--	---	---
	3/17/1997	--	--	40.11	10.42	--	29.69	--	--	--	--	--	--	--	---	--	--	---	---
	8/12/1997	--	--	40.11	12.77	--	27.34	--	--	--	--	--	--	--	---	--	--	---	---
	12/10/1997	--	--	40.11	11.22	--	28.89	--	--	--	--	--	--	--	---	--	--	---	---
	3/12/1998	--	--	40.11	10.81	--	29.30	--	--	--	--	--	--	--	---	--	--	---	---
	6/23/1998	--	--	40.11	10.61	--	29.50	--	--	--	--	--	--	--	---	--	--	---	---
	3/31/1999	--	--	40.11	11.46	--	28.65	--	--	--	--	--	--	--	---	--	--	---	---
	8/25/1999	--	--	40.11	16.16	--	23.95	--	--	--	--	--	--	--	---	--	--	---	---

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-4	3/9/2000	--	--	40.11	12.23	--	27.88	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2001	--	--	40.11	11.04	--	29.07	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2002	--	--	40.11	12.73	--	27.38	--	--	--	--	--	--	--	--	--	--	--	--
	3/18/2002	--	--	40.11	11.62	--	28.49	--	--	--	--	--	--	--	--	--	--	--	--
	3/11/2003	--	--	40.11	13.44	--	26.67	--	--	--	--	--	--	--	--	--	--	--	--
	12/09/2003	P	--	40.11	15.03	--	25.08	<250	<2.5	<2.5	<2.5	<2.5	130	--	SEQM	6.1	--	--	--
	03/09/2004	P	--	40.11	11.04	--	29.07	<50	<0.50	<0.50	<0.50	<0.50	35	--	SEQM	5.5	--	--	--
	09/17/2004	P	--	40.11	16.75	--	23.36	<250	<2.5	<2.5	<2.5	<2.5	140	--	SEQM	6.5	--	--	--
	03/07/2005	P	--	40.11	11.02	--	29.09	67	<0.50	<0.50	<0.50	<0.50	42	--	SEQM	6.6	--	--	--
MW-5	10/3/1991	--	--	39.55	18.08	--	21.47	79,000	13,000	7,400	1,400	6,200	--	--	SUP	--	--	--	--
	10/15/1991	--	--	39.55	18.55	--	21.00	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/1991	--	a	39.55	18.44	0.13	20.98	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/1991	--	a	39.55	18.66	0.01	20.88	--	--	--	--	--	--	--	--	--	--	--	--
	1/6/1992	--	a	39.55	19.12	0.11	20.32	--	--	--	--	--	--	--	--	--	--	--	--
	1/22/1992	--	--	39.55	14.59	--	24.96	--	--	--	--	--	--	--	--	--	--	--	--
	1/28/1992	--	--	39.55	15.25	--	24.30	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1992	--	q	39.55	15.58	--	23.97	--	--	--	--	--	--	--	--	--	--	--	--
	2/12/1992	--	a	39.55	15.54	0.01	24.00	--	--	--	--	--	--	--	--	--	--	--	--
	2/17/1992	--	q	39.55	13.98	--	25.57	--	--	--	--	--	--	--	--	--	--	--	--
	4/3/1992	--	a	39.55	13.63	0.04	25.88	--	--	--	--	--	--	--	--	--	--	--	--
	4/8/1992	--	a	39.55	13.17	0.01	26.37	--	--	--	--	--	--	--	--	--	--	--	--
	4/14/1992	--	a	39.55	13.45	0.01	26.09	--	--	--	--	--	--	--	--	--	--	--	--
	4/29/1992	--	a	39.55	13.75	0.07	25.73	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/1992	--	a	39.55	16.15	0.04	23.36	--	--	--	--	--	--	--	--	--	--	--	--
	7/3/1992	--	a	39.55	17.67	0.08	21.80	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	a	39.55	17.83	0.50	21.22	--	--	--	--	--	--	--	--	--	--	--	--
	10/8/1992	--	a	39.55	17.86	0.92	20.77	--	--	--	--	--	--	--	--	--	--	--	--
	12/31/1992	--	q	39.55	15.20	--	24.35	--	--	--	--	--	--	--	--	--	--	--	--
	4/21/1993	--	a	39.55	12.64	0.02	26.89	--	--	--	--	--	--	--	--	--	--	--	--
7/7/1993	--	a, i	39.14	12.68	0.82	25.64	--	--	--	--	--	--	--	--	--	--	--	--	
9/21/1993	--	q	39.14	14.35	--	24.79	--	--	--	--	--	--	--	--	--	--	--	--	
12/17/1993	--	a	39.14	12.61	0.41	26.12	--	--	--	--	--	--	--	--	--	--	--	--	
4/7/1994	--	n	39.14	30.00	--	9.14	66,000	3,000	1,700	250	6,800	2,002	--	PAGE	--	--	--	--	

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-5	7/6/1994	--	n	39.14	---	--	---	29,000	1,900	330	63	2,700	1,141	--	PACE	--	--	---	---
	10/7/1994	--	h	39.14	--	--	--	45,000	2,900	540	260	2,600	--	--	PACE	--	--	---	---
	10/7/1994	--	n	39.14	28.70	--	10.44	250,000	2,600	660	830	5,200	37.7	4.2	PACE	--	--	---	---
	1/27/1995	--	--	39.14	28.70	--	10.44	--	--	--	--	--	--	--	---	--	--	---	---
	3/30/1995	--	h	39.14	--	--	--	43,000	7,900	2,500	440	6,200	--	--	ATI	--	--	---	---
	3/30/1995	--	--	39.14	28.95	--	10.19	50,000	7,900	2,600	520	6,400	--	5.5	ATI	--	--	---	---
	6/20/1995	--	h	39.14	--	--	--	26,000	3,500	290	<25	3,300	--	--	ATI	--	--	---	---
	6/20/1995	--	--	39.14	22.54	--	16.60	34,000	5,100	1,900	300	3,700	--	--	ATI	--	--	---	---
	10/3/1995	--	h	39.14	--	--	--	12,000	46	39	10	1,600	320	--	ATI	--	--	---	---
	10/3/1995	--	--	39.14	18.84	--	20.30	12,000	68	42	11	1,600	330	--	ATI	--	--	---	---
	12/6/1995	--	--	39.14	19.07	--	20.07	16,000	1,200	93	51	700	600	--	ATI	--	--	---	---
	3/21/1996	--	h	39.14	--	--	--	1,900	92	30	7	270	<10	--	SPL	--	--	---	---
	3/21/1996	--	--	39.14	7.43	--	31.71	1,500	89	28	6	250	<10	7.2	SPL	--	--	---	---
	6/21/1996	--	h	39.14	--	--	--	2,700	680	140	20	400	<50	--	SPL	--	--	---	---
	6/21/1996	--	--	39.14	9.87	--	29.27	3,500	740	150	19	400	<100	7.1	SPL	--	--	---	---
	9/6/1996	--	--	39.14	10.52	--	28.62	--	--	--	--	--	--	--	---	--	--	---	---
	9/9/1996	--	h	39.14	--	--	--	90,000	2,900	1,600	670	6,900	<2500	--	SPL	--	--	---	---
	9/9/1996	--	--	39.14	--	--	--	82,000	3,100	1,700	850	9,100	<2500	7.5	SPL	--	--	---	---
	12/19/1996	--	h	39.14	--	--	--	26,000	490	430	63	1,140	<500	--	SPL	--	--	---	---
	12/19/1996	--	--	39.14	8.62	--	30.52	41,000	790	820	120	2,040	<500	7.7	SPL	--	--	---	---
	3/17/1997	--	h	39.14	--	--	--	6,600	2.5	2.7	<1.0	<1.0	28	--	SPL	--	--	---	---
	3/17/1997	--	--	39.14	8.22	--	30.92	5,500	1.9	2.4	<1.0	<1.0	29	6.4	SPL	--	--	---	---
	8/12/1997	--	h	39.14	--	--	--	36,000	6,100	2,500	720	4,500	<500	--	SPL	--	--	---	---
	8/12/1997	--	a	39.14	12.18	0.22	26.74	33,000	6,400	2,400	680	4,400	<1000	6.8	SPL	--	--	---	---
	12/10/1997	--	h	39.14	--	--	--	37,000	2,900	2,500	440	4,800	--	--	SPL	--	--	---	---
	12/10/1997	--	a	39.14	10.78	0.06	28.30	31,000	3,000	2,500	560	5,100	500	1.8	SPL	--	--	---	---
	3/12/1998	--	a	39.14	10.11	0.22	28.81	100,000	1,600	870	250	2,600	<250	6.1	SPL	--	--	---	---
	6/23/1998	--	h	39.14	--	--	--	27,000	2,600	840	400	2,950	<500	--	SPL	--	--	---	---
	6/23/1998	--	a	39.14	10.20	0.02	28.92	27,000	2,500	840	370	2,900	<250	2.1	SPL	--	--	---	---
	3/31/1999	--	f	39.14	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	8/25/1999	--	a	39.14	14.69	0.38	24.07	180,000	2,700	400	830	2,800	26	--	SPL	--	--	---	---
	3/9/2000	--	a	39.14	14.83	0.60	23.71	53,000	12,000	2,600	1,900	9,100	<5.0	--	PACE	--	--	---	---
	3/8/2001	--	f	39.14	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	3/8/2002	--	a	39.14	11.45	1.50	26.19	33,000	8,240	1,080	1,010	2,900	34.3	--	PACE	--	--	---	---

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-5	3/18/2002	--	--	39.14	8.03	--	31.11	--	--	--	--	--	--	--	--	--	--	--	--
	3/11/2003	--	a	39.14	9.60	0.45	29.09	--	--	--	--	--	--	--	--	--	--	--	--
	12/09/2003	--	a	39.14	11.44	0.03	27.72	--	--	--	--	--	--	--	--	--	--	--	--
	03/09/2004	P	--	39.14	7.91	--	31.23	31,000	3,900	1,100	780	3,600	<50	--	SEQM	6.6	--	--	--
	09/17/2004	--	a	39.14	12.13	0.15	27.13	--	--	--	--	--	--	--	--	--	--	--	--
	03/07/2005	--	a	39.14	8.62	0.02	30.54	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/3/1991	--	--	41.59	20.73	--	20.86	<50	0.7	0.8	<0.3	1.3	--	--	SUP	--	--	--	--
	10/15/1991	--	--	41.59	21.20	--	20.39	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/1991	--	--	41.59	21.26	--	20.33	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/1991	--	--	41.59	21.12	--	20.47	--	--	--	--	--	--	--	--	--	--	--	--
	1/6/1992	--	--	41.59	20.29	--	21.30	<50	<0.5	<0.5	<0.5	1.6	--	--	ANA	--	--	--	--
	1/22/1992	--	--	41.59	20.12	--	21.47	--	--	--	--	--	--	--	--	--	--	--	--
	1/28/1992	--	--	41.59	20.20	--	21.39	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1992	--	--	41.59	20.09	--	21.50	--	--	--	--	--	--	--	--	--	--	--	--
	2/12/1992	--	--	41.59	19.15	--	22.44	--	--	--	--	--	--	--	--	--	--	--	--
	2/17/1992	--	--	41.59	18.02	--	23.57	--	--	--	--	--	--	--	--	--	--	--	--
	4/3/1992	--	--	41.59	16.62	--	24.97	--	--	--	--	--	--	--	--	--	--	--	--
	4/8/1992	--	--	41.59	17.06	--	24.53	<50	0.6	<0.5	0.8	<0.5	--	--	ANA	--	--	--	--
	4/14/1992	--	--	41.59	17.23	--	24.36	--	--	--	--	--	--	--	--	--	--	--	--
	4/29/1992	--	--	41.59	18.12	--	23.47	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/1992	--	--	41.59	18.52	--	23.07	--	--	--	--	--	--	--	--	--	--	--	--
	7/3/1992	--	--	41.59	19.71	--	21.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	10/8/1992	--	h	41.59	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	10/8/1992	--	--	41.59	21.22	--	20.37	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	12/31/1992	--	--	41.59	21.33	--	20.26	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	4/21/1993	--	n	41.59	16.45	--	25.14	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
	7/7/1993	--	j, n	41.59	18.68	--	22.91	<50	<0.5	<0.5	<0.5	<0.5	28.96	--	PACE	--	--	29	--
	9/21/1993	--	n	41.59	19.64	--	21.95	<50	<0.5	<0.5	<0.5	1.6	--	--	PACE	--	--	--	--
12/17/1993	--	--	41.59	21.08	--	20.51	--	--	--	--	--	--	--	--	--	--	--	--	
12/23/1993	--	n	41.59	--	--	--	<50	<0.5	0.5	<0.5	0.6	13.95	--	PACE	--	--	--	--	
4/7/1994	--	n	41.59	21.27	--	20.32	<50	<0.5	<0.5	<0.5	<0.5	35.1	6.1	PACE	--	--	--	--	
7/6/1994	--	h	41.59	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--	
7/6/1994	--	n	41.59	19.81	--	21.78	<50	<0.5	<0.5	<0.5	<0.5	--	4.0	PACE	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-6	10/7/1994	--	j, n	41.59	21.25	--	20.34	<50	<0.5	<0.5	<0.5	<0.5	24.3	3.5	PACE	--	--	24	---
	1/27/1995	--	--	41.59	12.39	--	29.20	<50	<0.5	<0.5	<0.5	<1	--	4.2	ATI	--	--	---	---
	3/30/1995	--	--	41.59	11.34	--	30.25	<50	<0.50	<0.50	<0.50	<1.0	--	6.1	ATI	--	--	---	---
	6/20/1995	--	--	41.59	15.12	--	26.47	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	--	---	---
	10/3/1995	--	--	41.59	20.68	--	20.91	<50	<0.50	<0.50	<0.50	<1.0	66	6.4	ATI	--	--	---	---
	12/6/1995	--	--	41.59	23.77	--	17.82	<50	<0.50	<0.50	<0.50	<1.0	45	5.7	ATI	--	--	---	---
	3/21/1996	--	--	41.59	11.55	--	30.04	<50	<0.5	<1	<1	<1	41	9.1	SPL	--	--	---	---
	6/21/1996	--	--	41.59	12.60	--	28.99	<50	<0.5	<1	<1	<1	<10	8.6	SPL	--	--	---	---
	9/6/1996	--	--	41.59	13.25	--	28.34	--	--	--	--	--	--	--	--	--	--	---	---
	9/9/1996	--	k	41.59		--		<50	<0.5	<1.0	<1.0	<1.0	22/22	7.9	SPL	--	--	---	---
	12/19/1996	--	--	41.59	11.45	--	30.14	<50	<0.5	<1.0	<1.0	<1.0	<10	7.7	SPL	--	--	---	---
	3/17/1997	--	--	41.59	10.80	--	30.79	--	--	--	--	--	--	--	--	--	--	---	---
	8/12/1997	--	--	41.59	13.11	--	28.48	--	--	--	--	--	--	--	--	--	--	---	---
	12/10/1997	--	--	41.59	13.84	--	27.75	--	--	--	--	--	--	--	--	--	--	---	---
	3/12/1998	--	--	41.59	11.17	--	30.42	--	--	--	--	--	--	--	--	--	--	---	---
	6/23/1998	--	--	41.59	13.27	--	28.32	--	--	--	--	--	--	--	--	--	--	---	---
	3/31/1999	--	--	41.59	12.91	--	28.68	--	--	--	--	--	--	--	--	--	--	---	---
	8/25/1999	--	--	41.59	15.93	--	25.66	--	--	--	--	--	--	--	--	--	--	---	---
	3/9/2000	--	--	41.59	11.49	--	30.10	--	--	--	--	--	--	--	--	--	--	---	---
	3/8/2001	--	--	41.59	10.81	--	30.78	--	--	--	--	--	--	--	--	--	--	---	---
	3/8/2002	--	--	41.59	14.28	--	27.31	--	--	--	--	--	--	--	--	--	--	---	---
	3/18/2002	--	--	41.59	13.10	--	28.49	--	--	--	--	--	--	--	--	--	--	---	---
	3/11/2003	--	--	41.59	13.63	--	27.96	--	--	--	--	--	--	--	--	--	--	---	---
	12/09/2003	P	--	41.59	14.26	--	27.33	<50	<0.50	<0.50	<0.50	<0.50	12	--	SEQM	6.4	--	--	--
	03/09/2004	NP	--	41.59	11.87	--	29.72	<50	<0.50	<0.50	<0.50	<0.50	10	--	SEQM	7.1	--	--	--
	09/17/2004	--	--	41.59	16.45	--	25.14	--	--	--	--	--	--	--	--	--	--	--	--
	03/07/2005	P	--	41.59	13.65	--	27.94	<50	<0.50	<0.50	<0.50	<0.50	5.8	--	SEQM	6.7	--	--	--
MW-7	10/3/1991	--	--	40.64	14.93	--	25.71	360	62	13	3.4	20	--	--	SUP	--	--	---	---
	10/15/1991	--	--	40.64	15.16	--	25.48	--	--	--	--	--	--	--	--	--	--	---	---
	12/4/1991	--	--	40.64	15.41	--	25.23	--	--	--	--	--	--	--	--	--	--	---	---
	12/16/1991	--	--	40.64	15.21	--	25.43	--	--	--	--	--	--	--	--	--	--	---	---
	1/6/1992	--	--	40.64	14.56	--	26.08	1,100	170	<0.5	24	23	--	--	ANA	--	--	---	---
	1/22/1992	--	--	40.64	14.63	--	26.01	--	--	--	--	--	--	--	--	--	--	---	---



**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-7	1/28/1992	--	--	40.64	14.73	--	25.91	--	--	--	--	--	--	--	---	--	--	---	---
	2/5/1992	--	--	40.64	14.58	--	26.06	--	--	--	--	--	--	--	---	--	--	---	---
	2/12/1992	--	--	40.64	13.94	--	26.70	--	--	--	--	--	--	--	---	--	--	---	---
	2/17/1992	--	--	40.64	13.10	--	27.54	--	--	--	--	--	--	--	---	--	--	---	---
	4/3/1992	--	--	40.64	12.66	--	27.98	--	--	--	--	--	--	--	---	--	--	---	---
	4/8/1992	--	--	40.64	12.77	--	27.87	750	150	<0.5	23	9.9	--	--	ANA	--	--	---	---
	4/14/1992	--	--	40.64	13.02	--	27.62	--	--	--	--	--	--	--	---	--	--	---	---
	4/29/1992	--	--	40.64	13.59	--	27.05	--	--	--	--	--	--	--	---	--	--	---	---
	5/7/1992	--	--	40.64	13.95	--	26.69	--	--	--	--	--	--	--	---	--	--	---	---
	7/3/1992	--	--	40.64	14.73	--	25.91	660	210	<2.5	33	8	--	--	ANA	--	--	---	---
	10/8/1992	--	--	40.64	15.75	--	24.89	320	49	1.4	13	6.2	--	--	ANA	--	--	---	---
	12/31/1992	--	--	40.64	13.57	--	27.07	900	100	<2.5	28	4.3	--	--	ANA	--	--	---	---
	4/21/1993	--	n	40.64	14.56	--	26.08	510	83	1.2	10	5.8	--	--	PACE	--	--	---	---
	7/7/1993	--	h, n	40.32	---	--	---	1,100	170	1.9	29	2.84	9.84	--	PACE	--	--	---	---
	7/7/1993	--	i, n	40.32	13.40	--	26.92	1,100	160	2	27	4	10.84	--	PACE	--	--	---	---
	9/21/1993	--	h, n	40.32	---	--	---	640	140	1.7	23	2.4	--	--	PACE	--	--	---	---
	9/21/1993	--	n	40.32	14.40	--	25.92	690	150	3.1	26	5.7	--	--	PACE	--	--	---	---
	12/17/1993	--	--	40.32	13.65	--	26.67	--	--	--	--	--	--	--	---	--	--	---	---
	12/23/1993	--	n	40.32	---	--	---	250	64	1.2	9	1.8	7.81	--	PACE	--	--	---	---
	4/7/1994	--	n	40.32	30.62	--	9.70	140	32	1.4	<0.5	<0.5	6.32	--	PACE	--	--	---	---
	7/6/1994	--	n	40.32	16.88	--	23.44	410	94	1.3	10	3.5	<5.0	4.4	PACE	--	--	---	---
	10/7/1994	--	n	40.32	25.59	--	14.73	<50	9.2	<0.5	<0.5	<0.5	<5.0	4.9	PACE	--	--	---	---
	1/27/1995	--	h	40.32	---	--	---	930	620	4	77	21	--	--	ATI	--	--	---	---
	1/27/1995	--	--	40.32	9.82	--	30.50	810	570	3	60	17	--	0.0	ATI	--	--	---	---
	3/30/1995	--	--	40.32	9.15	--	31.17	180	65	0.53	2	<1.0	--	7.8	ATI	--	--	---	---
	6/20/1995	--	--	40.32	11.38	--	28.94	2,800	980	<5.0	<5.0	43	--	--	ATI	--	--	---	---
	10/3/1995	--	--	40.32	29.95	--	10.37	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	--	---	---
	12/6/1995	--	--	40.32	29.85	--	10.47	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	--	---	---
	3/21/1996	--	--	40.32	9.76	--	30.56	1,000	390	2	40	13	<10	7.4	SPL	--	--	---	---
	6/21/1996	--	--	40.32	11.01	--	29.31	<250	40	<5	<5	<5	<50	7.4	SPL	--	--	---	---
	9/6/1996	--	--	40.32	11.68	--	28.64	--	--	--	--	--	--	--	---	--	--	---	---
	9/9/1996	--	--	40.32	---	--	---	<250	13	<5.0	<5.0	<5.0	<50	7.2	SPL	--	--	---	---
	12/19/1996	--	--	40.32	10.78	--	29.54	70	1.2	<1.0	1	<1.0	<10	8.3	SPL	--	--	---	---
	3/17/1997	--	--	40.32	9.96	--	30.36	--	--	--	--	--	--	--	---	--	--	---	---

Table 1

## Groundwater Elevation and Analytical Data

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-7	8/12/1997	--	--	40.32	11.44	--	28.88	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/1997	--	--	40.32	10.42	--	29.90	--	--	--	--	--	--	--	--	--	--	--	--
	3/12/1998	--	--	40.32	9.51	--	30.81	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/1998	--	--	40.32	9.98	--	30.34	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/1999	--	--	40.32	10.38	--	29.94	--	--	--	--	--	--	--	--	--	--	--	--
	8/25/1999	--	--	40.32	12.38	--	27.94	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2000	--	--	40.32	8.48	--	31.84	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2001	--	--	40.32	8.37	--	31.95	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2002	--	f	40.32		--		--	--	--	--	--	--	--	--	--	--	--	--
	3/18/2002	--	--	40.32	9.94	--	30.38	--	--	--	--	--	--	--	--	--	--	--	--
	3/11/2003	--	--	40.32	11.26	--	29.06	--	--	--	--	--	--	--	--	--	--	--	--
	12/09/2003	P	--	40.32	12.76	--	27.56	270	26	<0.50	<0.50	<0.50	8.7	--	SEQM	6.1	--	--	--
	03/09/2004	P	--	40.32	10.91	--	29.41	320	49	0.73	1.8	0.59	6.9	--	SEQM	6.2	--	--	--
	09/17/2004	P	--	40.32	13.20	--	27.12	330	17	<0.50	<0.50	<0.50	7.0	--	SEQM	6.6	--	--	--
	03/07/2005	P	--	40.32	8.18	--	32.14	340	41	0.79	0.79	0.73	7.2	--	SEQM	6.9	--	--	--
MW-8	10/3/1991	--	--	38.18	22.37	--	15.81	<50	<0.3	0.6	<0.3	0.9	--	--	SUP	--	--	--	--
	10/15/1991	--	--	38.18	22.70	--	15.48	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/1991	--	--	38.18	22.44	--	15.74	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/1991	--	--	38.18	22.47	--	15.71	--	--	--	--	--	--	--	--	--	--	--	--
	1/6/1992	--	--	38.18	21.94	--	16.24	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	1/22/1992	--	--	38.18	21.44	--	16.74	--	--	--	--	--	--	--	--	--	--	--	--
	1/28/1992	--	--	38.18	21.20	--	16.98	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1992	--	--	38.18	20.88	--	17.30	--	--	--	--	--	--	--	--	--	--	--	--
	2/12/1992	--	--	38.18	20.54	--	17.64	--	--	--	--	--	--	--	--	--	--	--	--
	2/17/1992	--	--	38.18	19.99	--	18.19	--	--	--	--	--	--	--	--	--	--	--	--
	4/3/1992	--	--	38.18	16.75	--	21.43	--	--	--	--	--	--	--	--	--	--	--	--
	4/8/1992	--	--	38.18	16.57	--	21.61	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	4/14/1992	--	f	38.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/29/1992	--	--	38.18	18.61	--	19.57	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/1992	--	--	38.18	18.41	--	19.77	--	--	--	--	--	--	--	--	--	--	--	--
	7/3/1992	--	--	38.18	20.35	--	17.83	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	10/8/1992	--	f	38.18	21.74	--	16.44	--	--	--	--	--	--	--	--	--	--	--	--
	12/31/1992	--	--	38.18	19.09	--	19.09	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-8	4/21/1993	--	n	38.18	18.92	--	19.26	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	7/7/1993	--	n	38.18	17.76	--	20.42	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	--	---	---
	9/21/1993	--	n	38.18	19.71	--	18.47	<50	2.9	2.2	2.2	7.1	--	--	PACE	--	--	---	---
	12/17/1993	--	--	38.18	21.33	--	16.85	--	--	--	--	--	--	--	---	--	--	---	---
	12/23/1993	--	n	38.18	---	--	---	<50	<0.5	<0.5	<0.5	0.6	<5.0	--	PACE	--	--	---	---
	4/7/1994	--	n	38.18	21.51	--	16.67	<50	<0.5	<0.5	<0.5	<0.5	<5.0	6.6	PACE	--	--	---	---
	7/6/1994	--	n	38.18	17.41	--	20.77	<50	<0.5	<0.5	<0.5	<0.5	<5.0	4.4	PACE	--	--	---	---
	10/7/1994	--	n	38.18	19.20	--	18.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0	3.7	PACE	--	--	---	---
	1/27/1995	--	--	38.18	12.25	--	25.93	<50	<0.5	<0.5	<0.5	<1	--	2.9	ATI	--	--	---	---
	3/30/1995	--	--	38.18	10.35	--	27.83	<50	<0.50	<0.50	<0.50	<1.0	--	8.3	ATI	--	--	---	---
	6/20/1995	--	--	38.18	13.37	--	24.81	<50	<0.50	<0.50	<0.50	<1.0	--	6.9	ATI	--	--	---	---
	10/3/1995	--	f	38.18	---	--	---	--	--	--	--	--	--	--	---	--	--	---	---
	12/6/1995	--	--	38.18	18.42	--	19.76	<50	<0.50	<0.50	<0.50	<1.0	47	5.3	ATI	--	--	---	---
	3/21/1996	--	f	38.18	---	--	---	--	--	--	--	--	--	--	---	--	--	---	---
	6/21/1996	--	--	38.18	13.03	--	25.15	<50	<0.5	<1	<1	<1	<10	7.0	SPL	--	--	---	---
	9/6/1996	--	--	38.18	13.70	--	24.48	--	--	--	--	--	--	--	---	--	--	---	---
	9/9/1996	--	--	38.18	---	--	---	<50	<0.5	<1.0	<1.0	<1.0	<10	7.0	SPL	--	--	---	---
	12/19/1996	--	--	38.18	11.93	--	26.25	<50	<0.5	<1.0	<1.0	<1.0	<10	7.6	SPL	--	--	---	---
	3/17/1997	--	--	38.18	11.29	--	26.89	--	--	--	--	--	--	--	---	--	--	---	---
	8/12/1997	--	--	38.18	13.73	--	24.45	--	--	--	--	--	--	--	---	--	--	---	---
	12/10/1997	--	--	38.18	11.88	--	26.30	--	--	--	--	--	--	--	---	--	--	---	---
	3/12/1998	--	--	38.18	11.89	--	26.29	--	--	--	--	--	--	--	---	--	--	---	---
	6/23/1998	--	--	38.18	11.33	--	26.85	--	--	--	--	--	--	--	---	--	--	---	---
	3/31/1999	--	--	38.18	12.68	--	25.50	--	--	--	--	--	--	--	---	--	--	---	---
	8/25/1999	--	--	38.18	14.93	--	23.25	--	--	--	--	--	--	--	---	--	--	---	---
	3/9/2000	--	--	38.18	9.14	--	29.04	--	--	--	--	--	--	--	---	--	--	---	---
	3/8/2001	--	--	38.18	8.41	--	29.77	--	--	--	--	--	--	--	---	--	--	---	---
	3/8/2002	--	--	38.18	11.18	--	27.00	--	--	--	--	--	--	--	---	--	--	---	---
	3/18/2002	--	--	38.18	10.72	--	27.46	--	--	--	--	--	--	--	---	--	--	---	---
	3/11/2003	--	--	38.18	10.46	--	27.72	--	--	--	--	--	--	--	---	--	--	---	---
	03/09/2004	P	--	38.18	9.79	--	28.39	<50	<0.50	<0.50	<0.50	<0.50	0.50	--	SEQM	7.2	--	--	--
	09/17/2004	--	--	38.18	15.35	--	22.83	--	--	--	--	--	--	--	---	--	--	---	---
	03/07/2005	P	--	38.18	7.94	--	30.24	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.7	--	--	--

Table 1

## Groundwater Elevation and Analytical Data

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-9	10/3/1991	--	--	41.25	14.12	--	27.13	<50	<0.3	0.4	<0.3	<0.3	--	--	SUP	--	--	---	---
	10/15/1991	--	--	41.25	14.27	--	26.98	--	--	--	--	--	--	--	---	--	--	---	---
	12/4/1991	--	--	41.25	13.84	--	27.41	--	--	--	--	--	--	--	---	--	--	---	---
	12/16/1991	--	--	41.25	14.18	--	27.07	--	--	--	--	--	--	--	---	--	--	---	---
	1/6/1992	--	--	41.25	13.42	--	27.83	<50	<0.5	<0.5	<0.5	0.9	--	--	ANA	--	--	---	---
	1/22/1992	--	--	41.25	13.75	--	27.50	--	--	--	--	--	--	--	---	--	--	---	---
	1/28/1992	--	--	41.25	14.76	--	26.49	--	--	--	--	--	--	--	---	--	--	---	---
	2/5/1992	--	--	41.25	13.38	--	27.87	--	--	--	--	--	--	--	---	--	--	---	---
	2/12/1992	--	--	41.25	11.86	--	29.39	--	--	--	--	--	--	--	---	--	--	---	---
	2/17/1992	--	--	41.25	10.78	--	30.47	--	--	--	--	--	--	--	---	--	--	---	---
	4/3/1992	--	--	41.25	11.63	--	29.62	--	--	--	--	--	--	--	---	--	--	---	---
	4/8/1992	--	--	41.25	12.25	--	29.00	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	4/14/1992	--	--	41.25	12.32	--	28.93	--	--	--	--	--	--	--	---	--	--	---	---
	4/29/1992	--	--	41.25	13.07	--	28.18	--	--	--	--	--	--	--	---	--	--	---	---
	5/7/1992	--	--	41.25	14.43	--	26.82	--	--	--	--	--	--	--	---	--	--	---	---
	7/3/1992	--	--	41.25	13.85	--	27.40	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	10/8/1992	--	--	41.25	14.89	--	26.36	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	12/31/1992	--	--	41.25	11.90	--	29.35	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	4/21/1993	--	n	41.25	13.68	--	27.57	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	7/7/1993	--	n	41.25	13.12	--	28.13	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	--	---	---
	9/21/1993	--	n	41.25	14.00	--	27.25	<50	<0.5	<0.5	<0.5	0.9	--	--	PACE	--	--	---	---
	12/17/1993	--	--	41.25	12.98	--	28.27	--	--	--	--	--	--	--	---	--	--	---	---
	12/23/1993	--	n	41.25	---	--	---	<50	<0.5	<0.5	<0.5	0.9	<5.0	--	PACE	--	--	---	---
	4/7/1994	--	n	41.25	13.24	--	28.01	<50	<0.5	<0.5	<0.5	<0.5	<5.0	4.7	PACE	--	--	---	---
	7/6/1994	--	n	41.25	13.77	--	27.48	<50	<0.5	<0.5	<0.5	<0.5	--	3.9	PACE	--	--	---	---
	10/7/1994	--	n	41.25	14.60	--	26.65	<50	<0.5	<0.5	<0.5	<0.5	<5.0	3.0	PACE	--	--	---	---
	1/27/1995	--	--	41.25	8.47	--	32.78	<50	<0.5	<0.5	<0.5	<1	--	2.5	ATI	--	--	---	---
	3/30/1995	--	--	41.25	8.19	--	33.06	<50	<0.50	<0.50	<0.50	<1.0	--	8.4	ATI	--	--	---	---
	6/20/1995	--	--	41.25	11.25	--	30.00	<50	<0.50	<0.50	<0.50	<1.0	--	8.1	ATI	--	--	---	---
	10/3/1995	--	--	41.25	14.68	--	26.57	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.0	ATI	--	--	---	---
	12/6/1995	--	--	41.25	16.07	--	25.18	<50	<0.50	<0.50	<0.50	<1.0	46	5.4	ATI	--	--	---	---
	3/21/1996	--	--	41.25	9.60	--	31.65	<50	<0.5	<1	<1	<1	<10	8.0	SPL	--	--	---	---
	6/21/1996	--	--	41.25	10.86	--	30.39	<50	<0.5	<1	<1	<1	<10	7.8	SPL	--	--	---	---
	9/6/1996	--	--	41.25	11.52	--	29.73	--	--	--	--	--	--	--	---	--	--	---	---

Table 1

## Groundwater Elevation and Analytical Data

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-9	9/9/1996	--	k	41.25	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	20/21	7.3	SPL	--	--	--	--
	12/19/1996	--	--	41.25	10.43	--	30.82	<50	<0.5	<1.0	<1.0	<1.0	<10	7.3	SPL	--	--	--	--
	3/17/1997	--	--	41.25	9.87	--	31.38	--	--	--	--	--	--	--	--	--	--	--	--
	8/12/1997	--	--	41.25	11.44	--	29.81	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/1997	--	--	41.25	10.44	--	30.81	--	--	--	--	--	--	--	--	--	--	--	--
	3/12/1998	--	--	41.25	9.50	--	31.75	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/1998	--	--	41.25	10.06	--	31.19	--	--	--	--	--	--	--	--	--	--	--	--
	3/31/1999	--	--	41.25	9.06	--	32.19	--	--	--	--	--	--	--	--	--	--	--	--
	8/25/1999	--	--	41.25	12.00	--	29.25	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/2000	--	--	41.25	10.57	--	30.68	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2001	--	--	41.25	9.73	--	31.52	--	--	--	--	--	--	--	--	--	--	--	--
	3/8/2002	--	--	41.25	11.89	--	29.36	--	--	--	--	--	--	--	--	--	--	--	--
	3/18/2002	--	--	41.25	9.68	--	31.57	--	--	--	--	--	--	--	--	--	--	--	--
	3/11/2003	--	--	41.25	9.21	--	32.04	--	--	--	--	--	--	--	--	--	--	--	--
	03/09/2004	--	--	41.25	10.99	--	30.26	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.6	--	--	--
	09/17/2004	--	--	41.25	13.35	--	27.90	--	--	--	--	--	--	--	--	--	--	--	--
	03/07/2005	P	--	41.25	8.94	--	32.31	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.9	--	--	--
QC-2	10/8/1992	--	l	41.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	12/31/1992	--	l	41.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	--	--
	4/21/1993	--	l, n	41.25	--	--	--	--	--	--	--	--	--	--	PACE	--	--	--	ND
	7/7/1993	--	l, n	41.25	--	--	--	<50	<0.5	<0.5	<0.5	0.6	--	--	PACE	--	--	--	--
	9/21/1993	--	l, n	41.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
	12/23/1993	--	l	41.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
	4/7/1994	--	l	41.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
	7/6/1994	--	l	41.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
	10/7/1994	--	l	41.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
	1/27/1995	--	l	41.25	--	--	--	<50	<0.5	0.5	<0.5	<1	--	--	ATI	--	--	--	--
	3/30/1995	--	l	41.25	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	--	--	--
	6/20/1995	--	l	41.25	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	--	--	--
	10/3/1995	--	l	41.25	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	--	--	--
	12/6/1995	--	l	41.25	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	--	--	--
	3/21/1996	--	l	41.25	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	--	--	--
	6/21/1996	--	l	41.25	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	--	--	--

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

**ABBREVIATIONS & SYMBOLS:**

-- = Not analyzed/applicable/measured/available  
< = Not detected at or above laboratory reporting limit  
DO = Dissolved oxygen  
DTW = Depth to water in feet below ground surface  
ft bgs = feet below ground surface  
ft MSL = feet above mean sea level  
GRO = Gasoline Range Organics, range C4-C12  
GWE = Groundwater elevation measured in feet above mean sea level  
mg/L = Milligrams per liter  
MTBE = Methyl tert butyl ether  
NP = Not Purged  
P = Purge  
TOC = Top of casing measured in feet above mean sea level  
TPH-g = Total petroleum hydrocarbons as gasoline  
ug/L = Micrograms per liter  
ANA = Anamatrix, Inc.  
PACE = Pace, Inc.  
ATI = Analytical Technologies, Inc.  
CEI = Ceimic Corporation  
SPL = Southern Petroleum Laboratories  
SEQ/SEQM= Sequoia Analytical/Sequoia Morgan Hill Laboratories  
N/A = Not applicable

**FOOTNOTES:**

- (a) Free product in well.
- (c) Well destroyed during tank removal in November 1990.
- (d) Methylene chloride.
- (e) 1,2-Dichloroethane.
- (f) Well inaccessible.
- (g) Sample collected from MW-2 for TPH-D analysis received in laboratory 7 days after collection; sample exceeded EPA recommended holding time for TPH-D on a water matrix.
- (h) Blind duplicate.
- (i) Top of casing lowered.
- (j) A copy of the documentation for this data is included in Appendix C of Alisto report 10-014-07-001.
- (k) EPA Methods 8020/8260 used.
- (l) Travel blank.
- (m) Gauge only, along with Shell @ 4411 Foothill Blvd.
- (n) A copy of the documentation for this data is included in the Blaine Tech Services, Inc. report 020308-DW-2. The data for samples taken on April 21, 1993, have been destroyed. No chromatograms could be located for the samples taken on:  
July 7, 1993, for well MW-2 and TB; September 21, 1993, for all wells MW-3, MW-4, MW-6, MW-7, MW-8, MW-9,  
the DUP and TB; December 23, 1993, for wells MW-2 and MW-3; and July 6, 1994, for wells MW-2, MW-4, MW-6, and MW-9.
- (p) Well not sampled due to damage during site construction.
- (q) Sheen in well.

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

**NOTES:**

Top of casing elevations surveyed in feet above mean sea level.

Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.

The data within this table collected prior to June 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g has been changed to GRO. The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported.

Table 2

**Fuel Additives Analytical Data**  
Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-2	12/09/2003	<100	<20	24	<0.50	<0.50	<0.50	--	--	
	03/09/2004	<100	<20	27	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/17/2004	<100	<20	21	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-3	12/09/2003	<100	<20	6.4	<0.50	<0.50	<0.50	--	--	
	03/09/2004	<100	<20	6.9	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/07/2005	<100	<20	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-4	12/09/2003	<500	<100	130	<2.5	<2.5	2.7	--	--	
	03/09/2004	<100	<20	35	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/17/2004	<500	<100	140	<2.5	<2.5	2.6	<2.5	<2.5	
	03/07/2005	<100	<20	42	<0.50	<0.50	0.56	<0.50	<0.50	
MW-5	03/09/2004	<10,000	<2,000	<50	<50	<50	<50	96	<50	
MW-6	12/09/2003	<100	<20	12	<0.50	<0.50	<0.50	--	--	
	03/09/2004	<100	<20	10	<0.50	<0.50	<0.50	0.58	<0.50	
	03/07/2005	<100	<20	5.8	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-7	12/09/2003	<100	<20	8.7	<0.50	<0.50	<0.50	--	--	
	03/09/2004	<100	<20	6.9	<0.50	<0.50	<0.50	1.2	<0.50	
	09/17/2004	<100	<20	7.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/07/2005	<100	<20	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-8	03/09/2004	<100	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/07/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-9	03/09/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/07/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	



**Table 2**

**Fuel Additives Analytical Data**

Former BP Station #11109  
4280 Foothill Blvd., Oakland, CA

**ABBREVIATIONS AND SYMBOLS:**

TBA = tert-Butyl alcohol

MTBE = Methyl tert-butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tert butyl ether

TAME = tert-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

ug/L = micrograms per liter

< = Not detected at or above the laboratory reporting limit

-- = Data not available, not analyzed, or not applicable

**NOTES:**

The data within this table collected prior to July 2003 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

All fuel oxygenate compounds analyzed using EPA Method 8260B

**Table 3  
Free Product Removal**

Former BP Service Station #11109  
4280 Foothill Boulevard,  
Oakland, CA

WELL ID	DATE OF MONITORING EVENT	DEPTH TO WATER (feet)	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-5	8/25/1999	---	---	0.070	0.070
MW-5	3/9/2000	---	---	0.400	0.470
MW-5	7/14/2003	12.72	0.03	0.019	0.489
MW-5	8/25/2003	14.04	0.00	0.000	0.489
MW-5	9/25/2003	14.38	0.08	0.052	0.542
MW-5	10/3/2003	12.15	0.06	0.040	0.582
MW-5	11/12/2003	12.74	0.19	0.120	0.702
MW-5	12/9/2003	11.44	0.03	0.040	0.742
MW-5	2/2/2004	6.47	0.04	0.030	0.772
MW-5	2/9/2004	10.61	0.04	0.030	0.802
MW-5	3/9/2004	7.91	---	---	0.800
MW-5	4/13/2004	9.68	0.28	0.200	0.820
MW-5	5/5/2004	11.93	Sheen	---	0.820
MW-5	6/3/2004	12.60	Sheen	---	0.820
MW-5	7/2/2004	11.11	0.10	0.060	0.880
MW-5	8/31/2004	12.80	0.05	0.132	1.012
MW-5	9/17/2004	12.13	0.15	---	1.012
MW-5	10/25/2004	10.66	0.26	0.170	1.182
MW-5	11/8/2004	9.98	0.02	0.020	1.202
MW-5	12/15/2004	8.76	0.01	0.010	1.212
MW-5	1/13/2005	7.12	---	---	1.212
MW-5	2/1/2005	8.10	0.01	0.007	1.219
MW-5	3/7/2005	8.62	0.02	0.013	1.232
				<b>FP Removed this Quarter:</b>	<b>0.020</b>
<p>Source : The data within this table collected prior to July 2003 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.</p>					

**ATTACHMENT A**  
**FIELD PROCEDURES AND FIELD DATA SHEETS**

## FIELD PROCEDURES

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### Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe.

Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

WELL GAUGING DATA

Project # 050113-MD3 Date 1/13/05 Client 11109

Site 4280 Foothill Blvd, Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (gal)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MWS	4	No Spill	Defected		7.12	-		TOC

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050113-M03</u>	Station # <u>11109</u>
Sampler: <u>mn</u>	Date: <u>1/13/05</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <del>4</del> 6 8 <u>    </u>
Total Well Depth: <u>    </u>	Depth to Water: <u>7.12</u>
Depth to Free Product: <u>    </u>	Thickness of Free Product (feet): <u>    </u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: <del>Bailer</del> <del>Disposable Bailer</del> <del>Positive Air Displacement</del> <del>Electric Submersible</del> <del>Extraction Pump</del> Other: <u>    </u>	Sampling Method: <del>Bailer</del> <del>Disposable Bailer</del> <del>Extraction Port</del> Other: <u>    </u>
--	--

Top of Screen:      If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>    </u>	X	<u>    </u>	=	<u>    </u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
					<u>No SpH Detected</u>

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>    </u>
Sampling Time: <u>    </u>	Sampling Date: <u>    </u>
Sample I.D.: <u>    </u>	Laboratory: Pace Sequoia Other <u>    </u>
Analyzed for: GRO BTEX MTBE DRO Other: <u>    </u>	
D.O. (if req'd): Pre-purge: <u>    </u> mg/L	Post-purge: <u>    </u> mg/L
O.R.P. (if req'd): Pre-purge: <u>    </u> mV	Post-purge: <u>    </u> mV

## WELL GAUGING DATA

Project # 050201-PAY      Date 2/1/05      Client BP # 11109

Site 4280 Foothill Blvd Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-5	4	SPIA	8.09	0.01	25	8.10	—	TOC
<p><i>New Double Containment dam brought to site. Placed in locked remediation compound.</i></p>								

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050201-DAY</u>	Station # <u>BP # 11109</u>
Sampler: <u>DA</u>	Date: <u>2/1/05</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u>    </u>
Total Well Depth: <u>    </u>	Depth to Water: <u>8.10</u>
Depth to Free Product: <u>8.09</u>	Thickness of Free Product (feet): <u>.01</u>
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: <u>Bailer</u> <input checked="" type="checkbox"/> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: <u>    </u>	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Other: <u>    </u>
--	--

Top of Screen:      If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>    </u>	x	<u>Bail SPA</u>	=	<u>    </u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			<u>Bailed 25 ml</u>	<u>SPA</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>    </u>	
Sampling Time: <u>    </u>	Sampling Date: <u>    </u>	
Sample I.D.: <u>    </u>	Laboratory: Pace Sequoia Other <u>    </u>	
Analyzed for: GRO BTEX MTBE DRO	Other: <u>    </u>	
D.O. (if req'd):	Pre-purge: <u>    </u> mg/L	Post-purge: <u>    </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>    </u> mV	Post-purge: <u>    </u> mV



## WELL GAUGING DATA

Project # 050307-DA1

Date 3/7/05

Client BP 11109

Site 4280 Foothill Blvd. Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-2	2					2.32	13.05	ToC	
MW-3	4					7.30	31.18	 ↓	
MW-4	4					11.02	26.70		
* MW-5	4		8.60	0.02	50	8.62	-		
MW-6	4					13.65	34.48		
MW-7	6					8.18	33.35		
MW-8	2					7.94	29.43		
MW-9	2					8.94	29.47		
* checked for SPH w/ interface probe									

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050307-DA1</u>	Station # <u>BP 1109</u>
Sampler: <u>DA</u>	Date: <u>3/7/05</u>
Well I.D.: <u>MW-2</u>	Well Diameter: <u>2</u> 3 4 6 8 <u>    </u>
Total Well Depth: <u>13.05</u>	Depth to Water: <u>2.32</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Other: _____
--	--

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

_____	X	_____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
					<u>well not sampled due to damage during site construction</u>

Did well dewater? <u>Yes</u> No	Gallons actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: <u>Pace</u> <u>Sequoia</u> Other _____
Analyzed for: <u>GRO</u> <u>BTEX</u> <u>MTBE</u> <u>DRO</u> Other:	
D.O. (if req'd):	Pre-purge: _____ mg/L      Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV      Post-purge: _____ mV

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050307-D41</u>	Station # <u>BP1109</u>
Sampler: <u>OA</u>	Date: <u>3/7/05</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u>    </u>
Total Well Depth: <u>31.18</u>	Depth to Water: <u>7.30</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	<u>4"</u>	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
---	---

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>15.5</u>	x	<u>3</u>	=	<u>46.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u> )	Gals. Removed	Observations
1120	69.3	7.0	980	15.5	clear
1122	69.0	6.8	988	31	"
1125	68.3	7.0	991	46.5	"

Did well dewater? Yes <input checked="" type="checkbox"/> <u>NO</u>	Gallons actually evacuated: <u>46.5</u>	
Sampling Time: <u>1127</u>	Sampling Date: <u>3/7/05</u>	
Sample I.D.: <u>MW-3</u>	Laboratory: Pace <u>Sequoia</u> Other _____	
Analyzed for: <u>GRO BTEX MTBE</u> DRO	Other: <u>See col</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050307-DA1</u>	Station # <u>BP 11109</u>
Sampler: <u>DA</u>	Date: <u>3/7/05</u>
Well I.D.: <u>Mw-4</u>	Well Diameter: 2 3 4 6 8 <u>    </u>
Total Well Depth: <u>26-70</u>	Depth to Water: <u>11.02</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
.1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: <u>Bailer</u>	Sampling Method: <u>Bailer</u>
<u>Disposable Bailer</u>	<u>Disposable Bailer</u>
<u>Positive Air Displacement</u>	<u>Extraction Port</u>
<u>Electric Submersible</u>	Other: <u>                    </u>
<u>Extraction Pump</u>	
Other: <u>                    </u>	

Top of Screen:                      If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>10.2</u>	x	<u>3</u>	=	<u>30.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <del>µS</del> )	Gals. Removed	Observations
<u>1211</u>	<u>69.2</u>	<u>6.5</u>	<u>693</u>	<u>10.5</u>	<u>clear</u>
<u>1213</u>	<u>68.7</u>	<u>6.4</u>	<u>699</u>	<u>21</u>	<u>"</u>
<u>1215</u>	<u>68.4</u>	<u>6.6</u>	<u>699</u>	<u>31</u>	<u>"</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>31</u>
Sampling Time: <u>1219</u>	Sampling Date: <u>3/7/05</u>
Sample I.D.: <u>Mw-4</u>	Laboratory: Pace <u>Sequola</u> Other <u>                    </u>
Analyzed for: <u>PRO BTEX MTBE</u> DRO Other: <u>see ca.</u>	

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050307-DA1</u>	Station # <u>BP 11109</u>
Sampler: <u>DA</u>	Date: <u>3/7/05</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u>    </u>
Total Well Depth: <u>    </u>	Depth to Water: <del>00</del> <u>8.62</u>
Depth to Free Product: <u>    </u>	Thickness of Free Product (feet): <u>    </u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: <u>Bailer</u> <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: <u>    </u>	Sampling Method: <u>Bailer</u> <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: <u>    </u>
---	--

Top of Screen:      If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

$\frac{\text{1 Case Volume (Gals.)}}{\text{Specified Volumes}}$	x	$\frac{\text{Bail SPH}}{\text{Specified Volumes}}$	=	$\frac{\text{Gals.}}{\text{Calculated Volume}}$
---	---	--	---	---

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			<u>Bailed 50 ml SPH</u>		

Did well dewater? <u>Yes</u> No	Gallons actually evacuated: <u>    </u>
Sampling Time: <u>    </u>	Sampling Date: <u>    </u>
Sample I.D.: <u>    </u>	Laboratory: Pace Sequoia Other <u>    </u>
Analyzed for: GRO BTEX MTBE DRO Other: <u>    </u>	
D.O. (if req'd): Pre-purge: <u>    </u> mg/L	Post-purge: <u>    </u> mg/L
O.R.P. (if req'd): Pre-purge: <u>    </u> mV	Post-purge: <u>    </u> mV

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050307-DA1</u>	Station # <u>BP 11109</u>
Sampler: <u>DA</u>	Date: <u>3/7/05</u>
Well I.D.: <u>MW-6</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>34.48</u>	Depth to Water: <u>13.65</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: <u>Bailer</u>	Sampling Method: <u>Bailer</u>
<input type="checkbox"/> Disposable Bailer	<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Positive Air Displacement	<input type="checkbox"/> Extraction Port
<input checked="" type="checkbox"/> Electric Submersible	Other: _____
<input type="checkbox"/> Extraction Pump	
Other: _____	

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>13.5</u>	X	<u>3</u>	=	<u>40.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1134	68.1	6.8	685	13.5	clear
1137	68.7	6.8	708	27	"
1139	69.1	6.7	687	40.5	"

Did well dewater? Yes <input checked="" type="checkbox"/> <u>No</u>	Gallons actually evacuated: <u>40.5</u>
Sampling Time: <u>1142</u>	Sampling Date: <u>3/7/05</u>
Sample I.D.: <u>MW-6</u>	Laboratory: Pace <u>Sequola</u> Other _____
Analyzed for: <u>ORO BTEX MTBE</u> DRO Other:	
D.O. (if req'd):	Pre-purge: <span style="float: right;">mg/L</span>
O.R.P. (if req'd):	Pre-purge: <span style="float: right;">mV</span>
	Post-purge: <span style="float: right;">mg/L</span>
	Post-purge: <span style="float: right;">mV</span>

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050307-DA1</u>	Station # <u>BP 1109</u>
Sampler: <u>DA</u>	Date: <u>3/7/05</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 4 6 8 <u>    </u>
Total Well Depth: <u>33.35</u>	Depth to Water: <u>8.18</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVT</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method:  Bailer      Sampling Method:  Bailer  
 Disposable Bailer       Disposable Bailer  
 Positive Air Displacement       Extraction Port  
 Electric Submersible      Other: \_\_\_\_\_  
 Extraction Pump

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>37.0</u>	x	<u>3</u>	=	<u>111</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or $\mu$ S)	Gals. Removed	Observations
<u>1105</u>	<u>70.4</u>	<u>6.7</u>	<u>745.1</u>	<u>37</u>	
<u>1108</u> <u>1112</u>	<u>well dewatered @ 37g.</u>				
<u>1232</u> <u>1114</u>	<u>70.1</u>	<u>6.9</u>	<u>796</u>	-	<u>OTW = 12.02</u>
					<u>80% = 13.21</u>

Did well dewater?  Yes     No      Gallons actually evacuated: 37

Sampling Time: 1122 1234      Sampling Date: 3/7/05

Sample I.D.: MW-7      Laboratory: Pace Sequora Other \_\_\_\_\_

Analyzed for: GRO BTEX MTBE DRO Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050307-DA1	Station # BP 11109
Sampler: DA	Date: 3/7/05
Well I.D.: MW-8	Well Diameter: ② 3 <del>4</del> 6 8
Total Well Depth: 29.43	Depth to Water: 7.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YS</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input checked="" type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
---	---

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

3.4	x	3	=	10.2	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u> )	Gals. Removed	Observations
0958 <del>1006</del>	63.1	6.1	588	3.5	tan, cloudy
1002	63.9	6.5	488	2	"
1005	63.9	6.7	474	10.5	"

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 10.5	
Sampling Time: 1008	Sampling Date: 3/7/05	
Sample I.D.: MW-8	Laboratory: Pace <u>Sequoia</u> Other _____	
Analyzed for: <u>GRO</u> <u>BTEX</u> <u>MTBE</u> DRO	Other: see coc	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: 3.0 mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV



## ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050307-DA1	Station # BP 1109
Sampler: DA	Date: 3/7/05
Well I.D.: MW-9	Well Diameter: ② 3 4 6 8 _____
Total Well Depth: 29.47	Depth to Water: 8.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
②	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer Extraction Port Other: _____
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Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

3.3	x	3	=	9.9	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u> )	Gals. Removed	Observations
1039	69.6	6.5	452	3.5	tan, cloudy
1042	70.3	6.8	439	7	"
1045	71.1	6.9	435	10	"

Did well dewater? Yes <input checked="" type="checkbox"/> No	Gallons actually evacuated: 10
Sampling Time: 1048	Sampling Date: 3/7/05
Sample I.D.: MW-9	Laboratory: Pace <u>Sequon</u> Other _____
Analyzed for: <u>GRO BTEX MTRD</u> DRO	Other: <u>see coc</u>

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

**BP GEM OIL COMPANY TYPE A BILL OF LADING**

**SOURCE RECORD BILL OF LADING FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT BP GEM OIL COMPANY FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY DILLARD ENVIRONMENTAL TO THE ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY IN LIVERMORE, CALIFORNIA.**

The contractor performing this work is BLAINE TECH SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA 95112 (phone [408] 573-0555). Blaine Tech Services, Inc. is authorized by BP GEM OIL COMPANY to recover, collect, apportion into loads the Non-Hazardous Well Purgewater that is drawn from wells at the BP GEM Oil Company facility indicated below and deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one BP GEM facility to the designated destination point; from one BP GEM facility to the designated destination point via another BP GEM facility; from a BP GEM facility to the designated destination point via the contractor's facility, or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of BP GEM Oil Company.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the BP GEM Oil Company facility described below:

BP 11209  
Station #

4280 Foothill Blvd - Oakland, CA  
Station Address

Total Gallons Collected From Groundwater Monitoring Wells:  
175.5

added equip. 5  
rinse water

any other adjustments

**TOTAL GALS. RECOVERED** 180.5

loaded onto BTS vehicle # 49

BTS event # 050307 - 021

time date 3/7/05

signature David Aulbat

\*\*\*\*\*

RECD AT time date

unloaded by signature

**ATTACHMENT B**  
**LABORATORY PROCEDURES,**  
**CERTIFIED ANALYTICAL REPORTS,**  
**AND CHAIN-OF-CUSTODY RECORDS**

## **LABORATORY PROCEDURES**

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### **Laboratory Procedures**

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by RM have been reviewed and verified by that laboratory.



22 March, 2005

Leonard Niles  
URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland, CA 94612

RE: BP Heritage #11109, Oakland, CA  
Work Order: MOC0296

Enclosed are the results of analyses for samples received by the laboratory on 03/08/05 15:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race  
Senior Project Manager

CA ELAP Certificate #1210

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11109, Oakland, CA Project Number:G07TD-0021 Project Manager:Leonard Niles	MOC0296 Reported: 03/22/05 16:51
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3	MOC0296-01	Water	03/07/05 11:27	03/08/05 15:05
MW-4	MOC0296-02	Water	03/07/05 12:19	03/08/05 15:05
MW-6	MOC0296-03	Water	03/07/05 11:42	03/08/05 15:05
MW-7	MOC0296-04	Water	03/07/05 12:34	03/08/05 15:05
MW-8	MOC0296-05	Water	03/07/05 12:08	03/08/05 15:05
MW-9	MOC0296-06	Water	03/07/05 10:48	03/08/05 15:05
TB-11109-03072005	MOC0296-07	Water	03/07/05 10:48	03/08/05 15:05

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies. These samples were received with intact custody seals.

URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project:BP Heritage #11109, Oakland, CA  
Project Number:G07TD-0021  
Project Manager:Leonard Niles

MOC0296  
Reported:  
03/22/05 16:51

**Volatile Organic Compounds by EPA Method 8260B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-3 (MOC0296-01) Water** Sampled: 03/07/05 11:27 Received: 03/08/05 15:05

tert-Amyl methyl ether	ND	0.50	ug/l	1	5C18007	03/18/05	03/18/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>5.1</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	<b>0.52</b>	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 93 % 60-135 " " " "

**MW-4 (MOC0296-02) Water** Sampled: 03/07/05 12:19 Received: 03/08/05 15:05

tert-Amyl methyl ether	<b>0.56</b>	0.50	ug/l	1	5C18007	03/18/05	03/18/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>42</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>67</b>	50	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 94 % 60-135 " " " "

URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project:BP Heritage #11109, Oakland, CA  
Project Number:G07TD-0021  
Project Manager:Leonard Niles

MOC0296  
Reported:  
03/22/05 16:51

**Volatile Organic Compounds by EPA Method 8260B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-6 (MOC0296-03) Water</b> <b>Sampled: 03/07/05 11:42</b> <b>Received: 03/08/05 15:05</b>									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5C18007	03/18/05	03/18/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>5.8</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>ND</b>	<b>50</b>	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98 %		60-135	"	"	"	"	
<b>MW-7 (MOC0296-04) Water</b> <b>Sampled: 03/07/05 12:34</b> <b>Received: 03/08/05 15:05</b>									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5C18007	03/18/05	03/18/05	EPA 8260B	
<b>Benzene</b>	<b>41</b>	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>0.79</b>	0.50	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>7.2</b>	0.50	"	"	"	"	"	"	
<b>Toluene</b>	<b>0.79</b>	0.50	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>0.73</b>	0.50	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>340</b>	<b>50</b>	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98 %		60-135	"	"	"	"	



URS Corporation [Arco]  
 1333 Broadway, Suite 800  
 Oakland CA, 94612

 Project:BP Heritage #11109, Oakland, CA  
 Project Number:G07TD-0021  
 Project Manager:Leonard Niles

 MOC0296  
 Reported:  
 03/22/05 16:51

**Volatile Organic Compounds by EPA Method 8260B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-8 (MOC0296-05) Water    Sampled: 03/07/05 12:08    Received: 03/08/05 15:05**

tert-Amyl methyl ether	ND	0.50	ug/l	1	5C18007	03/18/05	03/18/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88 %		60-135	"	"	"	"	

**MW-9 (MOC0296-06) Water    Sampled: 03/07/05 10:48    Received: 03/08/05 15:05**

tert-Amyl methyl ether	ND	0.50	ug/l	1	5C18007	03/18/05	03/18/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97 %		60-135	"	"	"	"	

URS Corporation [Arco]  
 1333 Broadway, Suite 800  
 Oakland CA, 94612

 Project:BP Heritage #11109, Oakland, CA  
 Project Number:G07TD-0021  
 Project Manager:Leonard Niles

 MOC0296  
 Reported:  
 03/22/05 16:51

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5C18007 - EPA 5030B P/T / EPA 8260B**
**Blank (5C18007-BLK1)**

Prepared &amp; Analyzed: 03/18/05

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							

*Surrogate: 1,2-Dichloroethane-d4*      4.73      "      5.00      95      60-135

**Laboratory Control Sample (5C18007-BS1)**

Prepared &amp; Analyzed: 03/18/05

tert-Amyl methyl ether	10.6	0.50	ug/l	10.0	106	80-115
Benzene	9.94	0.50	"	10.0	99	65-115
tert-Butyl alcohol	47.5	20	"	50.0	95	75-150
Di-isopropyl ether	11.1	0.50	"	10.0	111	75-125
1,2-Dibromoethane (EDB)	9.38	0.50	"	10.0	94	85-120
1,2-Dichloroethane	10.1	0.50	"	10.0	101	85-130
Ethanol	179	100	"	200	90	70-135
Ethyl tert-butyl ether	10.7	0.50	"	10.0	107	75-130
Ethylbenzene	9.91	0.50	"	10.0	99	75-135
Methyl tert-butyl ether	10.3	0.50	"	10.0	103	65-125
Toluene	9.67	0.50	"	10.0	97	85-120
Xylenes (total)	31.2	0.50	"	30.0	104	85-125

*Surrogate: 1,2-Dichloroethane-d4*      4.58      "      5.00      92      60-135

URS Corporation [Arco]  
 1333 Broadway, Suite 800  
 Oakland CA, 94612

 Project:BP Heritage #11109, Oakland, CA  
 Project Number:G07TD-0021  
 Project Manager:Leonard Niles

 MOC0296  
 Reported:  
 03/22/05 16:51

**Volatile Organic Compounds by EPA Method 8260B - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5C18007 - EPA 5030B P/T / EPA 8260B**
**Laboratory Control Sample (5C18007-BS2)**

Prepared &amp; Analyzed: 03/18/05

Benzene	4.74	0.50	ug/l	6.40		74	65-115			
Ethylbenzene	8.36	0.50	"	7.52		111	75-135			
Methyl tert-butyl ether	6.94	0.50	"	9.92		70	65-125			
Toluene	31.8	0.50	"	31.9		100	85-120			
Xylenes (total)	43.1	0.50	"	36.6		118	85-125			
Gasoline Range Organics (C4-C12)	375	50	"	440		85	70-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.05</i>		<i>"</i>	<i>5.00</i>		<i>81</i>	<i>60-135</i>			

**Laboratory Control Sample Dup (5C18007-BSD1)**

Prepared &amp; Analyzed: 03/18/05

tert-Amyl methyl ether	10.6	0.50	ug/l	10.0		106	80-115	0	15	
Benzene	9.51	0.50	"	10.0		95	65-115	4	20	
tert-Butyl alcohol	47.1	20	"	50.0		94	75-150	0.8	25	
Di-isopropyl ether	10.9	0.50	"	10.0		109	75-125	2	15	
1,2-Dibromoethane (EDB)	9.61	0.50	"	10.0		96	85-120	2	15	
1,2-Dichloroethane	10.8	0.50	"	10.0		108	85-130	7	20	
Ethanol	182	100	"	200		91	70-135	2	35	
Ethyl tert-butyl ether	10.9	0.50	"	10.0		109	75-130	2	25	
Ethylbenzene	9.48	0.50	"	10.0		95	75-135	4	15	
Methyl tert-butyl ether	10.6	0.50	"	10.0		106	65-125	3	20	
Toluene	9.47	0.50	"	10.0		95	85-120	2	20	
Xylenes (total)	29.6	0.50	"	30.0		99	85-125	5	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.78</i>		<i>"</i>	<i>5.00</i>		<i>96</i>	<i>60-135</i>			

**Matrix Spike (5C18007-MS1)**

Source: MOC0299-01

Prepared &amp; Analyzed: 03/18/05

Benzene	6.07	0.50	ug/l	6.40	ND	95	65-115			
Ethylbenzene	8.64	0.50	"	7.52	ND	115	75-135			
Methyl tert-butyl ether	9.23	0.50	"	9.92	0.12	92	65-125			
Toluene	34.2	0.50	"	31.9	0.19	107	85-120			
Xylenes (total)	44.9	0.50	"	36.6	ND	123	85-125			
Gasoline Range Organics (C4-C12)	439	50	"	440	24	94	70-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.07</i>		<i>"</i>	<i>5.00</i>		<i>81</i>	<i>60-135</i>			

Sequoia Analytical - Morgan Hill

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*

URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project:BP Heritage #11109, Oakland, CA  
Project Number:G07TD-0021  
Project Manager:Leonard Niles

MOC0296  
Reported:  
03/22/05 16:51

**Volatile Organic Compounds by EPA Method 8260B - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5C18007 - EPA 5030B P/T / EPA 8260B**

Matrix Spike Dup (5C18007-MSD1)	Source: MOC0299-01			Prepared & Analyzed: 03/18/05						
Benzene	5.99	0.50	ug/l	6.40	ND	94	65-115	1	20	
Ethylbenzene	8.43	0.50	"	7.52	ND	112	75-135	2	15	
Methyl tert-butyl ether	9.53	0.50	"	9.92	0.12	95	65-125	3	20	
Toluene	34.2	0.50	"	31.9	0.19	107	85-120	0	20	
Xylenes (total)	43.3	0.50	"	36.6	ND	118	85-125	4	20	
Gasoline Range Organics (C4-C12)	414	50	"	440	24	89	70-124	6	20	
Surrogate: 1,2-Dichloroethane-d4	4.10		"	5.00		82	60-135			

URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612Project:BP Heritage #11109, Oakland, CA  
Project Number:G07TD-0021  
Project Manager:Leonard NilesMOC0296  
Reported:  
03/22/05 16:51**Notes and Definitions**

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



# Chain of Custody Record

Project Name 1109 GWM  
 BP BU/GEM CO Portfolio Retail  
 BP Laboratory Contract Number: Atlantic Richfield Company

MOC 0296

Date: 3/7/05

Requested Due Date (mm/dd/yy) 14 day TAT

On-site Time: <u>1105</u>	Temp: <u>65.8</u>
Off-site Time: <u>1515</u>	Temp: <u>66.3</u>
Sky Conditions: <u>clear</u>	
Meteorological Events: <u>-</u>	
Wind Speed: <u>5 mph</u>	Direction: <u>SE</u>

Send To:	BP/GEM Facility No.: <u>11109</u>	Consultant/Contractor: <u>URS</u>
Lab Name: <u>SEQUOIA</u>	BP/GEM Facility Address: <u>4280 FOOTHILL, OAKLAND, CA</u>	Address: <u>1333 Broadway, Suite 800</u>
Lab Address: <u>885 Jarvis Dr.</u>	Site ID No. <u>11109</u>	<u>Oakland, CA 94612</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.cosper@URSCorp.com</u>
	California Global ID #: <u>T0600100217</u>	Consultant/Contractor Project No.:
Lab PM <u>Lisa Race</u>	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-893-3600/510-874-3268</u>
Tele/Fax: <u>408-776-9600 / 408-782-6308</u>	Address: <u>P.O. Box 6549</u>	Consultant/Contractor PM: <u>Leonard Niles</u>
Report Type & QC Level: <u>1 Send EDF Reports</u>	<u>Moraga, CA 94570</u>	Invoice to: Consultant/Contractor or <u>BP/GEM</u> (Circle one)
BP/GEM Account No.: <u>400-6-21124</u>	Tele/Fax: <u>925-299-8891/925-299-8872</u>	BP/GEM Work Release No:

Item No.	Sample Description	Time	Matrix				Laboratory No.	No. of containers	Preservatives				Requested Analysis							Sample Point Lat/Long and Comments		
			Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	GRO / BTEX (8015/8021/8260)	DRO w/SGC (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE, DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)			
1	MW-3	1127		X			01	3					X	X	X	X	X					
2	MW-4	1219					02	1					X	X	X	X	X					
3	MW-6	1142					03	1					X	X	X	X	X					
4	MW-7	1234					04	1					X	X	X	X	X					
5	MW-8	1208					05	1					X	X	X	X	X					
6	MW-9	1048					06	1					X	X	X	X	X					
7	TB-1109-0307205	-					07	2														on hold
8																						
9																						
10																						

Sampler's Name: <u>David Allbut</u>	Relinquished By / Affiliation: <u>David Allbut / BIS</u>	Date: <u>3/8/05</u>	Time: <u>1403</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>3/8/05</u>	Time: <u>1403</u>
Sampler's Company: <u>Blaine Tech</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Custody Seals In Place Yes X No    Temperature Blank Yes X No    Cooler Temperature on Receipt    °F/C    Trip Blank Yes X No

## SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP 1109  
 REC. BY (PRINT): JH  
 WORKORDER: 17026294

DATE REC'D AT LAB: 3/8/05  
 TIME REC'D AT LAB: 1505  
 DATE LOGGED IN: 3-11-05

For Regulatory Purposes?  
 DRINKING WATER YES/NO  NO  
 WASTE WATER YES/NO  NO

(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <input checked="" type="checkbox"/> Present / Absent <input checked="" type="checkbox"/> Intact / Broken*	01	AC	MW-3	VDA (3)	HCl	-	V	3/8/05	
2. Chain-of-Custody <input checked="" type="checkbox"/> Present / Absent*	02		-4						
3. Traffic Reports or Packing List: <input checked="" type="checkbox"/> Present / Absent	03		-6						
4. Airbill: <input checked="" type="checkbox"/> Airbill / Sticker <input checked="" type="checkbox"/> Present / Absent	04		-7						
5. Airbill #:	05		-8						
6. Sample Labels: <input checked="" type="checkbox"/> Present / Absent	06		-9						
7. Sample IDs: <input checked="" type="checkbox"/> Listed / Not Listed on Chain-of-Custody	07	AD	TB-1109-26294						
8. Sample Condition: <input checked="" type="checkbox"/> Intact / Broken* / Leaking*	08								
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="checkbox"/> Yes / No*									
10. Sample received within hold time? <input checked="" type="checkbox"/> Yes / No*									
11. Adequate sample volume received? <input checked="" type="checkbox"/> Yes / No*									
12. Proper Preservatives used? <input checked="" type="checkbox"/> Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="checkbox"/> Yes / No*									
14. Temp Rec. at Lab: <u>2.6</u> Is temp 4 +/- 2°C? <input checked="" type="checkbox"/> Yes / No** <small>(Acceptance range for samples requiring thermal pres.)</small>									

\*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

**ATTACHMENT C**

**ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL  
CONFIRMATIONS**



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### SUCCESSFUL GEO\_WELL CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	3/24/2005 5:00:43 PM

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### UPLOADING A GEO\_WELL FILE

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**Submittal Title:** 1Q2005 QMR Geowell BP Site  
11109

**Submittal Date/Time:** 3/24/2005 5:01:32 PM

**Confirmation  
Number:** 6557479679

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### SUCCESSFUL EDF CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	
<u>GLOBAL ID:</u>	T0600100217
<u>FILE UPLOADED:</u>	BP#11109-EDF-MOC0296.zip

No errors were found in your EDF upload file.

**If you want to submit this file to the SWRCB, choose the "Upload EDD" option in the above menu and follow the instructions.**

When you complete the submittal process, you will be given a confirmation number for your submittal.

Click [here](#) to view the detections report for this upload.

BP 4280 FOOTHILL BLVD OAKLAND, CA 94601	<u>Regional Board - Case #: 01-0231</u> SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) <u>Local Agency (lead agency) - Case #: 102</u> ALAMEDA COUNTY LOP - (RWS)
--	--

#### SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

#### METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

#### QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y

- SURROGATE SPIKE Y

**WATER SAMPLES FOR 8021/8260 SERIES**

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% Y

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% Y

SURROGATE SPIKES % RECOVERY BETWEEN 85-115% Y

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% Y

**SOIL SAMPLES FOR 8021/8260 SERIES**

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% n/a

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% n/a

SURROGATE SPIKES % RECOVERY BETWEEN 70-125% n/a

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a

**FIELD QC SAMPLES**

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS &gt; REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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CONTACT SITE ADMINISTRATOR.

## Electronic Submittal Information

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**Confirmation Number:** 8302096247  
**Date/Time of Submittal:** 3/24/2005 5:04:46 PM  
**Facility Global ID:** T0600100217  
**Facility Name:** BP  
**Submittal Title:** 1Q2005 QMR EDF BP Site 11109  
**Submittal Type:** GW Monitoring Report

Click [here](#) to view the detections report for this upload.

<b>BP</b> 4280 FOOTHILL BLVD OAKLAND, CA 94601	<b>Regional Board - Case #: 01-0231</b> SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) <b>Local Agency (lead agency) - Case #: 102</b> ALAMEDA COUNTY LOP - (RWS)
--	---

CONF #	TITLE	QUARTER
8302096247	1Q2005 QMR EDF BP Site 11109	Q1 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	3/24/2005	PENDING REVIEW

### SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

### METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

### QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

### WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
---	---

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

**SOIL SAMPLES FOR 8021/8260 SERIES**

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

**FIELD QC SAMPLES**

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS &gt; REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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CONTACT SITE ADMINISTRATOR.

**ATTACHMENT D**

**JOINT MONITORING DATA**

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)			
<b>C-1</b>													
04/28/89	35.42	15.37	20.05	--	--	940	30	1.3	11	13	--	--	
08/08/89	35.42	11.35	24.07	--	--	820	45	2.0	13	13	--	--	
12/21/89	35.42	12.61	22.81	--	--	--	--	--	--	--	--	--	
08/27/90	35.42	13.30	22.12	--	--	440	15	1.0	6.0	13	--	--	
11/04/90	35.42	9.86	25.56	--	--	--	--	--	--	--	--	--	
06/18/91	35.42	13.78	21.64	--	--	74	5.6	0.6	1.9	1.3	--	--	
09/19/91	35.42	10.84	24.58	--	--	150	7.1	<0.5	2.3	3.0	--	--	
12/20/91	35.42	9.25	26.17	--	--	250	10	<0.5	3.7	1.6	--	--	
03/18/92	35.42	17.17	18.25	--	--	190	16	<0.5	8.5	3	--	--	
07/14/92	35.42	7.81	27.61	--	--	20,000	480	2,200	510	2,900	--	--	
10/08/92	35.42	10.98	24.44	--	--	360	34	4.6	19	12	--	--	
01/08/93	35.42	15.74	19.68	--	--	120	9.1	0.5	5.1	1.8	--	--	
04/14/93	35.42	19.04	16.38	--	--	190	74	0.6	1.0	2.0	--	--	
07/16/93	35.42	--	--	--	--	--	--	--	--	--	--	--	
07/27/93	35.42	26.03	9.39	--	--	300	12	<0.5	5.0	2.0	--	--	
09/21/93	38.41	16.99	21.42	--	--	360	12	1.2	5.8	3.7	--	--	
01/28/94	38.41	18.84	19.57	--	--	370	24	1.0	13	4.0	--	--	
03/17/94	38.41	21.56	16.85	--	--	460	42	<0.5	6.7	3.7	--	--	
06/16/94	38.41	20.58	17.83	--	--	320	20	0.7	8.7	3.0	--	--	
09/22/94	38.41	18.15	20.26	--	--	380	24	0.6	8.8	1.9	--	--	
12/15/94	38.41	22.59	15.82	--	--	280	23	7.6	7.8	13	--	--	
03/30/95	38.41	26.39	12.02	--	--	2,200	890	8.9	15	<5.0	--	--	
06/20/95	38.41	24.01	14.40	--	--	690	140	<2.0	9.4	2.8	--	--	
09/20/95	38.41	24.59	13.82	--	--	730	27	78	26	130	--	--	
12/06/95	38.41	17.81	20.60	--	--	220	16	<0.5	7.2	1.7	11	--	
03/21/96	38.41	26.76	11.65	--	--	640	170	<2.0	6.7	<2.0	35	--	
06/21/96	38.41	24.16	14.25	--	--	640	140	<1.2	8.7	2.0	23	--	
09/06/96	38.41	21.66	16.75	--	--	460	24	0.56	10	2.4	43	--	
12/19/96	38.41	24.43	13.98	--	--	790	120	22	13	19	<25	--	
03/17/97	38.41	25.63	12.78	--	--	2,200	660	<10	15	<10	110	--	
06/11/97	38.41	23.25	15.16	--	--	1,500	130	<2.0	16	3.4	130	--	
09/17/97	38.41	21.47	16.94	--	--	910	160	23	13	49	180	--	
12/11/97	38.41	25.23	13.18	--	--	2,000	270	7.0	53	7.4	460	--	



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-1 (cont)</b>												
03/12/98	38.41	28.92	9.49	--	--	3,100	1,300	<20	42	<20	760	--
06/23/98	38.41	28.19	10.22	--	--	1,300	650	6.9	22	6.5	290	--
09/01/98	38.41	21.43	16.98	--	--	270	6.0	<2.5	<2.5	<2.5	950	--
12/30/98	38.41	22.29	16.12	--	--	2,020	578	<5.0	<5.0	<5.0	1,720	--
03/31/99	38.41	24.53	13.88	--	--	2,140	776	5.89	<5.0	5.15	1,170	--
06/14/99	38.41	23.09	15.32	--	--	1,450	524	<5.0	<5.0	<5.0	1,150	--
06/14/99 <sup>1</sup>	38.41	23.09	15.32	--	--	--	--	--	--	--	1,360 <sup>2</sup>	--
09/30/99	38.41	22.30	16.11	--	--	79	1.12	<0.5	1.07	<0.5	677	--
12/22/99	38.41	23.37	15.04	--	--	501	157	4.45	<2.5	4.81	744	--
03/09/00	38.41	31.28	7.13	--	--	3,300	2,500	28	37	<25	1,700	--
06/23/00 <sup>3</sup>	38.41	25.86	12.55	0.00	0.00	2,200 <sup>4</sup>	1,000	6.9	5.7	9.3	1,900	--
09/05/00 <sup>3</sup>	38.41	21.28	17.13	0.00	0.00	<200	8.3	<2.0	<2.0	<2.0	1,000	--
12/04/00	38.41	21.48	16.93	0.00	0.00	1,400 <sup>4</sup>	600	<5.0	<5.0	<5.0	1,500	--
03/08/01 <sup>3</sup>	38.41	30.45	7.96	0.00	0.00	2,570	1,040	7.93	12.0	<5.00	1,470	--
06/07/01 <sup>3</sup>	38.41	25.45	12.96	0.00	0.00	750 <sup>4</sup>	220	5.6	4.8	2.6	2,500 <sup>5</sup>	--
09/13/01 <sup>3</sup>	38.41	19.91	18.50	0.00	0.00	670 <sup>6</sup>	<5.0	<5.0	<5.0	<5.0	660	--
12/13/01 <sup>3</sup>	38.41	23.02	15.39	0.00	0.00	1,100	340	2.1	0.95	7.9	630	--
03/08/02 <sup>3</sup>	38.41	28.35	10.06	0.00	0.00	3,600	1,400	9.5	17	6.5	1,900	--
06/19/02 <sup>3</sup>	38.41	24.92	13.49	0.00	0.00	1,300	220	3.4	2.7	<3.0	1,400	--
09/11/02 <sup>3</sup>	38.41	21.18	17.23	0.00	0.00	400	22	<0.50	<0.50	<1.5	780	--
12/11/02 <sup>3</sup>	38.41	19.81	18.60	0.00	0.00	180	4.2	<0.50	1.1	<1.5	350	--
03/11/03 <sup>3</sup>	38.41	25.81	12.60	0.00	0.00	3,500	1,100	9.1	12	8.0	1,600	--
06/10/03 <sup>3,7</sup>	38.41	25.73	12.68	0.00	0.00	1,600	350	2	3	3	1,300	--
09/09/03 <sup>3,7</sup>	38.41	21.66	16.75	0.00	0.00	290	4	<1	1	1	710	<100
12/09/03 <sup>7,9</sup>	38.41	20.73	17.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	200	<50
03/09/04 <sup>7</sup>	38.41	30.61	7.80	0.00	0.00	7,100	2,000	15	23	10	1,100	<50
06/08/04 <sup>7</sup>	38.41	27.29	11.12	0.00	0.00	2,300	840	6	5	4	1,100	<50
09/08/04 <sup>7</sup>	38.41	24.11	14.30	0.00	0.00	150	110	2	0.5	1	730	<50
12/06/04 <sup>7</sup>	38.41	25.15	13.26	0.00	0.00	2,100	480	4	2	2	530	<50
<b>03/0705<sup>7</sup></b>	<b>38.41</b>	<b>31.93</b>	<b>6.48</b>	<b>0.00</b>	<b>0.00</b>	<b>4,100</b>	<b>1,200</b>	<b>9</b>	<b>10</b>	<b>5</b>	<b>1,100</b>	<b>&lt;100</b>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)								
<b>C-2</b>													
04/28/89	35.18	8.74	26.44	--	--	120,000	30,000	22,000	3,000	17,000	--	--	
08/08/89	35.18	5.29	29.90	0.01	--	--	--	--	--	--	--	--	
12/21/89	35.18	5.86	29.32	--	--	--	--	--	--	--	--	--	
08/27/90	35.18	5.77	29.55	0.17	--	--	--	--	--	--	--	--	
11/04/90	35.18	4.71	30.47	--	--	--	--	--	--	--	--	--	
06/18/91	35.18	6.90	28.33	0.06	--	--	--	--	--	--	--	--	
09/19/91	35.18	5.84	29.39	0.06	--	--	--	--	--	--	--	--	
12/20/91	35.18	5.95	29.23	--	--	170,000	20,000	10,000	2,800	19,000	--	--	
03/18/92	35.18	21.58	13.60	0.09	--	--	--	--	--	--	--	--	
07/14/92	35.18	--	--	--	--	--	--	--	--	--	--	--	
10/08/92	35.18	--	--	--	--	--	--	--	--	--	--	--	
01/08/93	35.18	10.98	24.20	Sheen	--	79,000	14,000	7,200	3,500	16,000	--	--	
04/14/93	35.18	--	--	--	--	--	--	--	--	--	--	--	
07/16/93	35.18	5.03	30.15	--	--	2200	440	73	24	350	--	--	
09/21/93	37.47	11.18	26.29	--	--	11,000	2,300	300	270	910	--	--	
01/28/94	37.47	13.51	23.96	--	--	49,000	11,000	3,900	1,600	12,000	--	--	
03/17/94	37.47	11.48	25.99	--	--	16,000	3,300	1,000	220	3,500	--	--	
06/16/94	37.47	13.55	23.92	--	--	20,000	4,800	1,500	520	4,300	--	--	
09/22/94	37.47	11.85	25.62	--	--	35,000	5,600	850	1,700	7,300	--	--	
12/15/94	37.47	16.31	21.16	--	--	96,000	9,000	3,500	3,300	13,000	--	--	
03/30/95	37.47	20.29	17.18	--	--	100,000	9,400	3,700	3,900	14,000	--	--	
06/20/95	37.47	18.52	18.95	--	--	93,000	6,400	1,900	2,900	11,000	--	--	
09/20/95	37.47	19.27	18.20	--	--	58,000	6,600	330	1,600	5,500	--	--	
12/06/95	37.47	12.71	24.76	--	--	40,000	5,000	86	1,800	3,700	<500	--	
03/21/96	37.47	21.30	16.17	0.00	0.13	--	--	--	--	--	--	--	
06/21/96	37.47	19.34	18.15	0.02	0.03	--	--	--	--	--	--	--	
09/06/96	37.47	16.36	21.14	0.04	0.08	--	--	--	--	--	--	--	
12/19/96	37.47	19.94	17.55	0.03	0.05	--	--	--	--	--	--	--	
03/17/97	37.47	18.88	18.59	--	--	58,000	4,800	1,200	1,800	6,300	3,400	--	
06/11/97	37.47	16.17	21.30	--	--	40,000	5,500	720	1,400	4,100	3,100	--	
09/17/97	37.47	14.33	23.14	--	--	30,000	4,800	220	1,200	1,800	3,200	--	
12/11/97	37.47	20.26	17.21	--	--	76,000	6,100	1,300	2,200	8,000	3,800	--	
03/12/98	37.47	23.30	14.17	--	--	45,000	6,000	1,400	1,800	5,900	2,700	--	

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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>C-2 (cont)</b>												
06/23/98 <sup>3</sup>	37.47	22.65	14.82	--	--	1,100,000	6,800	5,100	13,000	38,000	<1,000	--
09/01/98	37.47	15.69	21.78	--	--	9,700	300	8.2	6.2	250	3,700	--
12/30/98	37.47	15.61	21.86	--	--	110,000	4,790	1,300	841	5,570	2,420	--
03/31/99	37.47	20.57	16.90	--	--	48,000	4,800	1,110	1,520	5,450	2,160	--
06/14/99	37.47	17.32	20.15	Sheen	--	56,400	5,380	671	1,300	3,960	2,480	--
06/14/99 <sup>1</sup>	37.47	17.32	20.15	--	--	--	--	--	--	--	2,630 <sup>2</sup>	--
09/30/99	37.47	14.50	22.97	--	--	22,100	623	<100	529	1,250	2,430	--
12/22/99	37.47	16.47	21.00	--	--	10,200	1,750	102	222	963	1,980	--
03/09/00	37.47	25.27	12.20	--	--	26,000	4,800	930	1,200	4,400	1,800	--
06/23/00 <sup>3</sup>	37.47	18.53	18.94	0.00	0.00	29,000 <sup>4</sup>	3,400	360	440	2,500	2,800	--
09/05/00 <sup>3</sup>	37.47	17.01	20.46	0.00	0.00	35,000 <sup>4</sup>	3,800	54	980	750	5,200	--
12/04/00	37.47	16.54	20.93	0.00	0.00	16,000 <sup>4</sup>	2,500	120	360	1,100	2,100	--
03/08/01 <sup>3</sup>	37.47	20.53	16.94	0.00	0.00	42,300	3,930	828	2,010	5,180	1,660	--
06/07/01 <sup>3</sup>	37.47	18.13	19.34	0.00	0.00	15,000 <sup>4</sup>	3,400	150	700	1,300	1,900	--
09/13/01 <sup>3</sup>	37.47	15.28	22.19	0.00	0.00	9,600	1,200	<50	120	160	2,200	--
12/13/01 <sup>3</sup>	37.47	19.87	17.60	0.00	0.00	33,000	3,200	430	1,300	3,700	1,400	--
03/08/02 <sup>3</sup>	37.47	23.18	14.29	0.00	0.00	26,000	2,900	390	1,200	2,800	1,100	--
06/19/02 <sup>3</sup>	37.47	18.36	19.11	0.00	0.00	19,000	3,000	100	720	1,100	1,400	--
09/11/02 <sup>3</sup>	37.47	16.79	20.68	0.00	0.00	10,000	1,400	23	120	78	1,800	--
12/11/02 <sup>3</sup>	37.47	15.36	22.11	0.00	0.00	8,700	1,300	24	100	250	1,900	--
03/11/03 <sup>3</sup>	37.47	22.86	14.61	0.00	0.00	23,000	2,000	280	1,100	2,100	990	--
06/10/03 <sup>3,7</sup>	37.47	20.36	17.11	0.00	0.00	14,000	1,300	91	450	720	480	--
09/09/03 <sup>3,7</sup>	37.47	16.33	21.14	0.00	0.00	6,800	1,100	9	83	47	1,300	<200
12/09/03 <sup>7</sup>	37.47	18.27	19.20	0.00	0.00	22,000	1,100	120	570	1,000	460	<250
03/09/04 <sup>7</sup>	37.47	25.65	11.82	0.00	0.00	24,000	1,800	420	820	2,100	480	<250
06/08/04 <sup>7</sup>	37.47	21.05	16.42	0.00	0.00	1,200	180	5	1	10	170	<50
09/08/04 <sup>7</sup>	37.47	24.32**	13.16	0.01	0.00	16,000	340	13	290	200	170	<250
12/06/04 <sup>7</sup>	37.47	23.36**	14.12	0.01	0.00	13,000	730	130	340	570	280	<100
03/0705 <sup>7</sup>	37.47	26.91**	10.57	0.01	0.00	18,000	2,200	470	770	2,000	420	<250

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-3</b>												
04/28/89	35.28	7.28	28.00	--	--	<500	1.7	<0.5	<0.5	<0.5	--	--
08/08/89	35.28	5.28	30.00	--	--	<500	1.0	<0.5	<0.5	<0.5	--	--
12/21/89	35.28	4.75	30.53	--	--	--	--	--	--	--	--	--
08/27/90	35.28	5.60	29.68	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/04/90	35.30	4.94	30.36	--	--	--	--	--	--	--	--	--
06/18/91	35.30	6.84	28.46	--	--	52	1.1	<0.5	<0.5	1.2	--	--
09/19/91	35.30	5.97	29.33	--	--	73	1.2	<0.5	<0.5	<0.5	--	--
12/20/91	35.30	5.53	29.77	--	--	<50	0.7	<0.5	<0.5	<0.5	--	--
03/18/92	35.30	9.55	25.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/14/92	35.30	7.43	27.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/08/92	35.30	6.75	28.55	--	--	<50	<0.5	<0.5	<0.5	0.5	--	--
01/08/93	35.30	9.45	25.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	35.30	11.34	23.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/16/93	35.30	9.66	25.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/21/93	38.37	12.15	26.22	--	--	<50	0.7	<0.5	<0.5	<0.8	--	--
01/28/94	38.37	12.71	25.66	--	--	<50	2.0	<0.5	<0.5	1.0	--	--
03/17/94	38.37	13.42	24.95	--	--	<50	2.8	<0.5	0.6	1.5	--	--
06/16/94	38.37	14.06	24.31	--	--	<50	1.4	<0.5	<0.5	<0.5	--	--
09/22/94	38.37	13.33	25.04	--	--	<50	0.6	<0.5	<0.5	<0.5	--	--
12/15/94	38.37	16.15	22.22	--	--	<50	2.6	1.7	0.82	4.5	--	--
03/30/95	38.37	19.95	18.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/20/95	38.37	18.58	19.79	--	--	110	2.2	<0.5	<0.5	1.2	--	--
09/20/95	38.37	19.42	18.95	--	--	560	21	80	23	120	--	--
12/06/95	38.37	14.21	24.16	--	--	<50	0.73	<0.5	<0.5	0.67	<2.5	--
03/21/96	38.37	20.52	17.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/21/96	38.37	18.59	19.78	--	--	57	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/06/96	38.37	16.74	21.63	--	--	<50	0.9	<0.5	<0.5	<0.5	<2.5	--
12/19/96	38.37	16.07	22.30	--	--	310	36	33	6.5	28	<2.5	--
03/17/97	38.37	19.42	18.95	--	--	54	1.1	<0.5	<0.5	0.76	<2.5	--
06/11/97	38.37	17.22	21.15	--	--	120	1.1	<0.5	<0.5	<0.5	<2.5	--
09/17/97	38.37	15.96	22.41	--	--	240	19	19	6.6	40	13	--
12/11/97	38.37	16.11	22.26	--	--	<50	1.8	<0.5	<0.5	0.5	<2.5	--
03/12/98	38.37	20.02	18.35	--	--	72	6.3	<0.5	0.64	3.1	2.6	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-3 (cont)</b>												
06/23/98	38.37	19.33	19.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/01/98	38.37	18.40	19.97	--	--	200	6.8	0.31	0.52	2.0	<2.5	--
12/30/98	38.37	17.06	21.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
03/31/99	38.37	20.60	17.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.6	--
06/14/99	38.37	20.12	18.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/30/99	38.37	17.18	21.19	--	--	79.2	3.04	0.794	<0.5	1.04	6.17	--
12/22/99	38.37	16.05	22.32	--	--	<50	1.53	1.08	<0.5	0.66	12	--
03/09/00	38.37	21.27	17.10	--	--	99	6.9	0.8	0.89	3.8	12	--
06/23/00	38.37	19.22	19.15	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
09/05/00	38.37	17.53	20.84	0.00	0.00	52 <sup>4</sup>	4.3	<0.50	<0.50	0.93	29	--
12/04/00	38.37	17.17	21.20	0.00	0.00	70 <sup>4</sup>	4.0	<0.50	<0.50	0.71	25	--
03/08/01	38.37	20.70	17.67	0.00	0.00	<50.0	0.873	<0.500	<0.500	<0.500	3.24	--
06/07/01	38.37	19.47	18.90	0.00	0.00	140 <sup>4</sup>	16	0.67	1.4	3.8	30	--
09/13/01	38.37	17.36	21.01	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/13/01	38.37	18.57	19.80	0.00	0.00	<50	1.2	<0.50	<0.50	<1.5	15	--
03/08/02	38.37	20.59	17.78	0.00	0.00	82	5.4	<0.50	<0.50	<1.5	68	--
06/19/02	38.37	19.97	18.40	0.00	0.00	74	2.1	<0.50	<0.50	<1.5	77	--
09/11/02	38.37	18.20	20.17	0.00	0.00	110	4.7	<0.50	<0.50	<1.5	76	--
12/11/02	38.37	16.62	21.75	0.00	0.00	79	1.5	<0.50	<0.50	<1.5	96	--
03/11/03	38.37	19.30	19.07	0.00	0.00	<50	2.1	<0.50	<0.50	<1.5	18	--
06/10/03 <sup>7</sup>	38.37	19.29	19.08	0.00	0.00	86	2	<0.5	<0.5	<0.5	93	--
09/09/03 <sup>7</sup>	38.37	17.67	20.70	0.00	0.00	<50	2	<0.5	<0.5	<0.5	160	<50
12/09/03 <sup>7</sup>	38.37	17.32	21.05	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50
03/09/04 <sup>7</sup>	38.37	22.12	16.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
06/08/04 <sup>7</sup>	38.37	19.87	18.50	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
09/08/04 <sup>7</sup>	38.37	18.36	20.01	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	22	<50
12/06/04 <sup>7</sup>	38.37	19.07	19.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
<b>03/0705<sup>7</sup></b>	<b>38.37</b>	<b>20.35</b>	<b>18.02</b>	<b>0.00</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
C-4												
01/12/89	33.45	3.96	29.49	--	--	--	--	--	--	--	--	--
04/12/89	33.45	6.01	27.44	--	--	--	--	--	--	--	--	--
04/28/89	33.45	3.96	29.49	--	--	20,000	6,300	550	230	1,500	--	--
08/08/89	33.45	3.90	29.55	--	--	8,000	7,500	340	88	1,000	--	--
12/21/89	33.45	3.43	30.02	--	--	--	--	--	--	--	--	--
08/27/90	33.48	4.46	29.02	--	--	26,000	10,000	280	410	1,400	--	--
11/04/90	33.48	3.67	29.81	--	--	--	--	--	--	--	--	--
06/18/91	33.48	6.03	27.45	--	--	34,000	14,000	410	450	1,300	--	--
09/19/91	33.48	4.83	28.65	--	--	16,000	7,400	90	110	460	--	--
12/20/91	33.48	4.64	28.84	--	--	24,000	12,000	120	260	740	--	--
03/18/92	33.48	11.05	24.43	--	--	48,000	6,000	1,300	1,300	2,400	--	--
07/14/92	33.48	6.59	26.89	--	--	40,000	14,000	920	550	2,400	--	--
10/08/92	33.48	5.69	27.79	--	--	29,000	13,000	190	110	1,400	--	--
01/08/93	33.48	9.98	23.50	--	--	25,000	7,000	630	860	1,800	--	--
04/14/93	33.48	12.35	21.13	--	--	27,000	6,300	1,000	900	1,400	--	--
07/16/93	33.48	9.52	23.96	--	--	28,000	7,800	1,100	830	2,100	--	--
09/21/93	36.49	10.98	25.51	--	--	30,000	9,600	130	390	1,300	--	--
01/28/94	36.49	13.18	23.31	--	--	18,000	7,800	440	260	1,200	--	--
03/17/94	36.49	15.14	21.35	--	--	32,000	7,800	820	820	1,800	--	--
06/16/94	36.49	13.99	22.50	--	--	25,000	7,600	710	600	1,800	--	--
09/22/94	36.49	12.56	23.93	--	--	25,000	7,800	140	600	1,100	--	--
12/15/94	36.49	17.47	19.02	--	--	38,000	7,600	460	1,200	2,000	--	--
03/30/95	36.49	21.63	14.86	--	--	41,000	8,700	1,600	1,800	3,000	--	--
06/20/95	36.49	19.59	16.90	--	--	29,000	6,000	890	960	1,800	--	--
09/20/95	36.49	20.29	16.20	--	--	12,000	6,900	510	290	1,300	--	--
12/06/95	36.49	13.37	23.12	--	--	13,000	3,900	42	30	250	<250	--
03/21/96	36.49	22.39	14.10	--	--	39,000	4,800	640	1,000	1,800	<1,000	--
06/21/96	36.49	19.54	16.95	--	--	26,000	4,400	640	960	1,800	2,000	--
09/06/96	36.49	16.36	20.13	--	--	23,000	500	200	230	1,000	3,100	--
12/19/96	36.49	19.57	16.92	--	--	23,000	4,900	320	1,100	2,000	<250	--
03/17/97	36.49	19.09	17.40	--	--	30,000	5,800	700	1,400	2,200	1,700	--
06/11/97	36.49	18.15	18.34	--	--	29,000	4,400	520	790	1,800	2,000	--
09/17/97	36.49	15.03	21.46	--	--	17,000	4,300	140	940	1,100	4,500	--

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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>C-4 (cont)</b>												
12/11/97	36.49	19.84	16.65	--	--	12,000	2,500	130	300	1,000	1,400	--
03/12/98	36.49	19.90	16.59	--	--	46,000	11,000	1,500	2,300	5,000	3,400	--
06/23/98 <sup>3</sup>	36.49	19.47	17.02	--	--	27,000	1,600	160	180	690	100	--
09/01/98	36.49	15.04	21.45	--	--	520	14	2.3	<0.5	4.8	61	--
12/30/98	36.49	15.07	21.42	--	--	122	14.1	1.86	<1.0	3.61	349	--
03/31/99	36.49	21.29	15.20	--	--	20,300	4,450	443	1,000	2,130	1,320	--
06/14/99	36.49	14.69	21.80	--	--	1,820	183	7.14	36.7	56.5	291	--
06/14/99 <sup>1</sup>	36.49	14.69	21.80	--	--	--	--	--	--	--	280 <sup>2</sup>	--
09/30/99	36.49	16.68	19.81	--	--	1,030	11.6	2.14	29.2	68.7	91.5	--
12/22/99	36.49	16.22	20.27	--	--	217	4.45	0.765	2.82	8.21	70.2	--
03/09/00	36.49	23.13	13.36	--	--	8,300	2,600	270	510	1,400	650	--
06/23/00 <sup>3</sup>	36.49	17.09	19.40	0.00	0.00	55 <sup>4</sup>	1.2	<0.50	<0.50	<0.50	250	--
09/05/00 <sup>3</sup>	36.49	15.06	21.43	0.00	0.00	110 <sup>4</sup>	5.4	<0.50	<0.50	1.1	52	--
12/04/00	36.49	14.71	21.78	0.00	0.00	<50	<0.50	0.56	<0.50	1.1	22	--
03/08/01 <sup>3</sup>	36.49	19.87	16.62	0.00	0.00	9,080	2,260	229	395	1,060	718	--
06/07/01 <sup>3</sup>	36.49	16.89	19.60	0.00	0.00	800 <sup>4</sup>	75	4.3	22	33	340	--
09/13/01 <sup>3</sup>	36.49	14.78	21.71	0.00	0.00	<50	0.68	<0.50	<0.50	<0.50	18	--
12/13/01 <sup>3</sup>	36.49	18.54	17.95	0.00	0.00	5,800	1,400	43	21	470	540	--
03/08/02 <sup>3</sup>	36.49	19.71	16.78	0.00	0.00	7,000	1,300	67	280	390	610	--
06/19/02 <sup>3</sup>	36.49	17.69	18.80	0.00	0.00	3,100	130	6.5	29	55	250	--
09/11/02 <sup>3</sup>	36.49	16.19	20.30	0.00	0.00	820	6.2	1.0	2.2	2.5	26	--
12/11/02 <sup>3</sup>	36.49	14.52	21.97	0.00	0.00	<50	0.74	<0.50	<0.50	<1.5	9.3	--
03/11/03 <sup>3</sup>	36.49	18.10	18.39	0.00	0.00	5,500	490	12	100	210	330	--
06/10/03 <sup>3,7</sup>	36.49	17.74	18.75	0.00	0.00	3,300	370	15	120	200	200	--
09/09/03 <sup>3,7</sup>	36.49	15.70	20.79	0.00	0.00	690	8	0.8	5	5	30	<50
12/09/03 <sup>7,9</sup>	36.49	16.19	20.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	57	<50
03/09/04 <sup>7</sup>	36.49	23.03	13.46	0.00	0.00	15,000	1,600	73	520	460	230	<250
06/08/04 <sup>7</sup>	36.49	19.47	17.02	0.00	0.00	550	120	2	0.7	5	93	<50
09/08/04 <sup>7</sup>	36.49	18.91	17.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	37	<50
12/06/04 <sup>7</sup>	36.49	19.71	16.78	0.00	0.00	7,000	1,600	39	230	260	180	<50
03/0705 <sup>7</sup>	36.49	24.33	12.16	0.00	0.00	9,500	2,100	67	330	160	170	<250

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)			
<b>C-5</b>													
08/27/90	35.50	5.67	29.83	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	
11/14/90	35.50	4.94	30.56	--	--	--	--	--	--	--	--	--	
06/18/91	35.50	6.98	28.52	--	--	<50	<0.5	<0.5	<0.5	--	--	--	
09/19/91	35.50	5.99	29.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
12/20/91	35.50	5.54	29.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
03/18/92	35.50	9.58	25.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
07/14/92	35.50	7.50	28.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
10/08/92	35.50	6.85	28.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
01/08/93	35.50	9.48	26.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
04/14/93	35.50	11.46	24.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
07/16/93	35.50	10.29	25.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
09/21/93	38.50	12.14	26.36	--	--	60	10	8.1	1.9	9.4	--	--	
01/28/94	38.50	12.60	25.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
03/17/94	38.50	14.00	24.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
06/16/94	38.50	14.10	24.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
09/22/94	38.50	13.34	25.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
12/15/94	38.50	15.61	22.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
03/30/95	38.50	19.96	18.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
06/20/95	38.50	18.37	20.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
09/20/95	38.50	14.16	24.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
12/06/95	38.50	14.40	24.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
03/21/96	38.50	20.10	18.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
06/21/96	38.50	18.23	20.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	8.7	--	
06/06/96	38.50	16.60	21.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
12/19/96	38.50	17.35	21.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
03/17/97	38.50	18.66	19.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
06/11/97	38.50	16.90	21.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
09/17/97	38.50	10.67	27.83	--	--	SAMPLED ANNUALLY		--	--	--	--	--	
12/11/97	38.50	17.50	21.00	--	--	--	--	--	--	--	--	--	
03/12/98	38.50	22.08	16.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
06/23/98	38.50	21.52	16.98	--	--	--	--	--	--	--	--	--	
09/01/98	38.50	18.08	20.42	--	--	--	--	--	--	--	--	--	
12/30/98	38.50	17.71	20.79	--	--	--	--	--	--	--	--	--	



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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-5 (cont)</b>												
03/31/99	38.50	21.45	17.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	15	--
06/14/99	38.50	21.02	17.48	--	--	--	--	--	--	--	--	--
09/30/99	38.50	19.77	18.73	--	--	--	--	--	--	--	--	--
12/22/99	38.50	16.32	22.18	--	--	--	--	--	--	--	--	--
03/09/00	38.50	21.52	16.98	--	--	<50	<0.5	<0.5	<0.5	0.87	3.5	--
06/23/00	38.50	18.85	19.65	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/05/00	38.50	18.03	20.47	0.00	0.00	--	--	--	--	--	--	--
12/04/00	38.50	17.04	21.46	0.00	0.00	--	--	--	--	--	--	--
03/08/01	38.50	20.97	17.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	5.15	--
06/07/01	38.50	19.00	19.50	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/13/01	38.50	17.07	21.43	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
12/13/01	38.50	18.66	19.84	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
03/08/02	38.50	20.32	18.18	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	3.5	--
06/19/02	38.50	19.62	18.88	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/11/02	38.50	17.94	20.56	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
12/11/02	38.50	16.68	21.82	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
03/11/03	38.50	19.54	18.96	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	3.2	--
06/10/03	38.50	19.63	18.87	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/09/03	38.50	17.82	20.68	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
12/09/03	38.50	18.25	20.25	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
03/09/04 <sup>7</sup>	38.50	21.82	16.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	<50
06/08/04	38.50	19.16	19.34	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/08/04	38.50	18.40	20.10	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
12/06/04	38.50	18.75	19.75	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
03/0705 <sup>7</sup>	38.50	20.35	18.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
<b>C-6</b>												
08/27/90	32.40	-11.71	44.11	--	--	7,200	2,100	6.0	41	300	--	--
11/14/90	32.40	-11.63	44.03	--	--	--	--	--	--	--	--	--
06/18/91	32.40	-11.09	43.49	--	--	4,400	2,500	18	160	77	--	--
09/19/91	32.40	-1.92	34.32	--	--	3,100	1,600	8.3	73	8.0	--	--
12/20/91	32.40	-8.95	41.35	--	--	4,400	1,300	3.2	74	10	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-6 (cont)</b>												
03/18/92	32.40	-8.29	40.69	--	--	9,800	3,200	34	250	500	--	--
07/14/92	32.40	-6.49	38.89	--	--	6,500	2,200	100	96	240	--	--
10/08/92	32.40	-6.27	38.67	--	--	1,800	1,000	3.1	15	41	--	--
01/08/93	32.40	-5.41	37.81	--	--	5,200	1,600	6.8	63	120	--	--
04/14/93	32.40	-2.30	34.70	--	--	11,000	1,800	13	110	200	--	--
07/16/93	32.40	-1.47	33.87	--	--	4,800	820	10	41	57	--	--
09/21/93	35.40	1.42	33.98	--	--	4,100	1,200	<50	75	130	--	--
01/28/94	35.40	1.54	33.86	--	--	3,100	930	14	40	34	--	--
03/17/94	35.40	3.09	32.31	--	--	5,100	950	18	61	83	--	--
06/16/94	35.40	3.90	31.50	--	--	3,800	970	6.4	52	62	--	--
09/22/94	35.40	4.18	31.22	--	--	4,100	980	7.8	43	48	--	--
12/15/94	35.40	4.00	31.40	--	--	5,000	1,400	<20	73	61	--	--
03/30/95	35.40	9.02	26.38	--	--	5,500	1,700	<13	120	97	--	--
06/20/95	35.40	10.39	25.01	--	--	1,700	470	<10	29	16	--	--
09/20/95	35.40	11.35	24.05	--	--	3,500	770	<5.0	45	17	--	--
12/06/95	35.40	7.28	28.12	--	--	3,100	710	<10	41	20	<50	--
03/21/96	35.40	12.28	23.12	--	--	1,400	330	<2.5	15	8.1	19	--
06/21/96	35.40	11.90	23.50	--	--	2,200	560	<5.0	18	<5.0	77	--
09/06/96	35.40	10.57	24.83	--	--	2,800	720	<10	13	<10	160	--
12/19/96	35.40	10.90	24.50	--	--	830	320	<2.5	<2.5	<2.5	14	--
03/17/97	35.40	12.81	22.59	--	--	2,200	500	<10	25	<10	<50	--
06/11/97	35.40	11.64	23.76	--	--	3,000	570	<5.0	29	10	220	--
09/17/97	35.40	10.66	24.74	--	--	1,400	330	<5.0	<5.0	<5.0	76	--
12/11/97	35.40	10.75	24.65	--	--	1,600	230	<5.0	7.3	6.4	46	--
03/12/98	35.40	8.28	27.12	--	--	980	300	<5.0	15	12	49	--
06/23/98 <sup>3</sup>	35.40	7.48	27.92	--	--	220	35	<0.5	2.5	1.1	<2.5	--
09/01/98	35.40	3.80	31.60	--	--	1,800	370	2.8	19	5	44	--
12/30/98	35.40	3.58	31.82	--	--	1,600	244	<1.0	8.53	<1.0	54.9	--
03/31/99	35.40	9.34	26.06	--	--	741	92.2	<1.0	6.60	<1.0	27.9	--
06/14/99	35.40	5.72	29.68	--	--	434	110	<1.0	5.76	1.46	13	--
06/14/99 <sup>1</sup>	35.40	5.72	29.68	--	--	--	--	--	--	--	6.96 <sup>2</sup>	--
09/30/99	35.40	12.34	23.06	--	--	481	92.7	<1.0	3.69	<1.0	32.9	--
12/22/99	35.40	12.85	22.55	--	--	1,310	158	2.16	5.5	1.41	113	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH			B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)							
<b>C-6 (cont)</b>													
03/09/00	35.40	15.37	20.03	--	--	470	120	0.74	5.0	2.5	36	--	--
06/23/00 <sup>3</sup>	35.40	13.25	22.15	0.00	0.00	1,700 <sup>4</sup>	210	<5.0	<5.0	5.8	64	--	--
09/05/00 <sup>3</sup>	35.40	8.35	27.05	0.00	0.00	740 <sup>4</sup>	99	0.60	5.1	2.2	80	--	--
12/04/00	35.40	10.25	25.15	0.00	0.00	450 <sup>4</sup>	31	0.71	<0.50	<0.50	54	--	--
03/08/01 <sup>3</sup>	35.40	11.56	23.84	0.00	0.00	1,550	228	3.93	19.9	32.5	46.2	--	--
06/07/01 <sup>3</sup>	35.40	9.67	25.73	0.00	0.00	360 <sup>4</sup>	21	1.8	2.4	3.8	100	--	--
09/13/01 <sup>3</sup>	35.40	11.60	23.80	0.00	0.00	950	180	<5.0	5.9	<5.0	170	--	--
12/13/01 <sup>3</sup>	35.40	10.21	25.19	0.00	0.00	2,000	170	0.86	6.4	4.1	77	--	--
03/08/02 <sup>3</sup>	35.40	14.32	21.08	0.00	0.00	600	33	0.91	1.8	<1.5	90	--	--
06/19/02 <sup>3</sup>	35.40	10.78	24.62	0.00	0.00	370	11	<0.50	<0.50	<1.5	88	--	--
09/11/02 <sup>3</sup>	35.40	6.40	29.00	0.00	0.00	490	16	0.50	<0.50	<1.5	120	--	--
12/11/02 <sup>3</sup>	35.40	11.22	24.18	0.00	0.00	430	17	<0.50	<0.50	<1.5	100	--	--
03/11/03 <sup>3</sup>	35.40	7.70	27.70	0.00	0.00	410	8.8	0.88	<0.50	<1.5	120	--	--
06/10/03 <sup>3,7</sup>	35.40	13.80	21.60	0.00	0.00	460	10	<0.5	<0.5	<0.5	100	--	--
09/09/03	35.40	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
12/09/03 <sup>7,9</sup>	35.40	9.51	25.89	0.00	0.00	1,700	69	<0.5	3	0.6	83	<50	<50
03/09/04 <sup>7</sup>	35.40	15.89	19.51	0.00	0.00	6,800	280	1	10	4	96	<50	<50
06/08/04 <sup>7</sup>	35.40	14.57	20.83	0.00	0.00	560	13	<0.5	<0.5	0.5	68	<50	<50
09/08/04 <sup>7</sup>	35.40	13.52	21.88	0.00	0.00	290	16	<0.5	<0.5	<0.5	50	<50	<50
12/06/04 <sup>7</sup>	35.40	14.06	21.34	0.00	0.00	290	18	<0.5	0.5	<0.5	44	<50	<50
<b>03/0705<sup>7</sup></b>	<b>35.40</b>	<b>17.13</b>	<b>18.27</b>	<b>0.00</b>	<b>0.00</b>	<b>2,500</b>	<b>150</b>	<b>0.7</b>	<b>5</b>	<b>2</b>	<b>71</b>	<b>&lt;50</b>	<b>&lt;50</b>
<b>C-7</b>													
08/27/90	32.17	-12.06	44.23	--	--	110	26	0.8	4.0	6.0	--	--	--
11/14/90	32.17	-11.94	44.11	--	--	--	--	--	--	--	--	--	--
06/18/91	32.17	-9.88	42.05	--	--	23,000	5,700	420	1,000	2,800	--	--	--
09/19/91	32.17	-9.55	41.72	--	--	26,000	4,600	330	970	2,400	--	--	--
12/20/91	32.17	-9.50	41.67	--	--	33,000	5,500	270	1,000	2,100	--	--	--
03/18/92	32.17	-9.03	41.20	--	--	27,000	5,800	410	1,300	3,300	--	--	--
07/14/92	32.17	-7.60	39.77	--	--	46,000	12,000	720	1,700	4,600	--	--	--
10/08/92	32.17	-6.97	39.14	--	--	22,000	6,800	370	1,300	3,200	--	--	--
01/08/93	32.17	-6.33	38.50	--	--	36,000	7,600	540	1,700	4,200	--	--	--

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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-7 (cont)</b>												
04/14/93	32.17	-3.76	35.93	--	--	23,000	3,100	450	670	1,900	--	--
07/16/93	32.17	-3.21	35.38	--	--	19,000	3,200	330	550	1,800	--	--
09/21/93	35.19	-0.27	35.46	--	--	17,000	2,700	160	410	760	--	--
01/28/94	35.19	-0.26	35.45	--	--	14,000	1,800	210	390	1,000	--	--
03/17/94	35.19	1.95	33.24	--	--	17,000	1,600	210	410	1,200	--	--
06/16/94	35.19	2.12	33.07	--	--	12,000	1,600	180	410	1,200	--	--
09/22/94	35.19	2.45	32.74	--	--	10,000	1,700	110	320	580	--	--
12/15/94	35.19	3.27	31.92	--	--	10,000	1,200	120	280	710	--	--
03/30/95	35.19	7.59	27.60	--	--	4,600	460	73	160	460	--	--
06/20/95	35.19	7.32	27.87	--	--	26,000	4,400	450	900	2,400	--	--
09/20/95	35.19	7.11	28.08	--	--	9,400	610	81	250	800	--	--
12/06/95	35.19	4.57	30.62	--	--	1,200	110	12	25	71	34	--
03/21/96	35.19	7.34	27.85	--	--	17,000	1,300	160	410	1,300	<100	--
09/06/96	35.19	6.84	28.35	--	--	15,000	3,400	<50	460	850	<250	--
12/19/96	35.19	6.08	29.11	--	--	530	9	0.5	0.85	3.4	<2.5	--
03/17/97	35.19	8.05	27.14	--	--	4,600	310	46	110	310	98	--
06/11/97	35.19	7.14	28.05	--	--	420	15	<0.5	3.3	5.1	<2.5	--
09/17/97	35.19	6.19	29.00	--	--	1,400	120	11	31	84	54	--
12/11/97	35.19	5.93	29.26	--	--	210	10	<0.5	0.97	1.6	<2.5	--
03/12/98	35.19	10.27	24.92	--	--	68	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/98	35.19	9.89	25.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/01/98	35.19	8.92	26.27	--	--	570	24	1.4	8.4	22	24	--
12/30/98	35.19	8.67	26.52	--	--	<50	4.85	1.26	<0.5	1.29	167	--
03/31/99	35.19	10.43	24.76	--	--	53.1	<0.5	<0.5	<0.5	<0.5	<2.0	--
06/14/99	35.19	9.75	25.44	--	--	109	4.43	<0.5	<0.5	<0.5	<2.5	--
06/14/99 <sup>1</sup>	35.19	9.75	25.44	--	--	--	--	--	--	--	<2.0 <sup>2</sup>	--
09/30/99	35.19	8.32	26.87	--	--	2,400	282	26.3	120	236	126	--
12/22/99	35.19	7.42	27.77	--	--	3,840	162	18.1	44.7	85.3	141	--
03/09/00	35.19	9.62	25.57	--	--	13,000	2,700	110	700	1,500	<130	--
06/23/00	35.19	9.53	25.66	0.00	0.00	190 <sup>4</sup>	3.4	<0.50	<0.50	1.6	7.3	--
09/05/00	35.19	8.44	26.75	0.00	0.00	4,200 <sup>4</sup>	330	26	120	200	190	--
12/04/00	35.19	8.03	27.16	0.00	0.00	2,600 <sup>4</sup>	550	<5.0	73	62	<25	--
03/08/01	35.19	9.76	25.43	0.00	0.00	1,180	39.2	2.41	15.5	30.8	10.3	--

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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>C-7 (cont)</b>												
06/07/01	35.19	9.80	25.39	0.00	0.00	2,600 <sup>4</sup>	440	14	110	130	56	--
09/13/01	35.19	8.58	26.61	0.00	0.00	23,000 <sup>6</sup>	670	<100	150	210	<500	--
12/13/01	35.19	8.50	26.69	0.00	0.00	2,400	160	5.8	42	54	<10	--
03/08/02	35.19	10.39	24.80	0.00	0.00	3,900	380	21	110	160	<20	--
06/19/02	35.19	7.78	27.41	0.00	0.00	3,600	440	8.5	87	73	<10	--
09/11/02	35.19	9.41	25.78	0.00	0.00	11,000	1,800	18	360	380	<10	--
12/11/02	35.19	4.44	30.75	0.00	0.00	6,000	1,100	9.3	190	190	<10	--
03/11/03	35.19	8.29	26.90	0.00	0.00	4,900	940	13	150	160	<25	--
06/10/03 <sup>7</sup>	35.19	4.28	30.91	0.00	0.00	3,100	500	7	83	77	4	--
09/09/03 <sup>7</sup>	35.19	3.38	31.81	0.00	0.00	3,900	310	9	110	130	5	<50
12/09/03 <sup>7</sup>	35.19	6.74	28.45	0.00	0.00	170	0.8	<0.5	<0.5	<0.5	5	<50
03/09/04 <sup>7</sup>	35.19	10.73	24.46	0.00	0.00	80	<0.5	<0.5	<0.5	<0.5	4	<50
06/08/04 <sup>7</sup>	35.19	8.23	26.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	6	<50
09/08/04 <sup>7</sup>	35.19	9.99	25.20	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	7	<50
12/06/04 <sup>7</sup>	35.19	10.28	24.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	7	<50
03/0705 <sup>7</sup>	35.19	11.76	23.43	0.00	0.00	590	9	0.7	4	6	7	<50
<b>C-8</b>												
11/14/90	30.68	-12.61	43.29	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/18/91	30.68	-11.94	42.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/19/91	30.68	-11.04	41.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/91	30.68	-10.30	40.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/18/92	30.68	-9.34	40.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/14/92	30.68	-8.34	39.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/08/92	30.68	-8.00	38.68	--	--	<50	<0.5	<0.5	<0.5	1.1	--	--
01/08/93	30.68	-7.39	38.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	30.68	-5.31	35.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/16/93	30.68	-4.64	35.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/21/93	34.68	-0.62	35.30	--	--	<50	<0.5	<0.5	<0.5	<0.8	--	--
01/28/94	34.68	-0.93	35.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/17/94	34.68	0.31	34.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	34.68	1.32	33.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-8 (cont)</b>												
09/22/94	34.68	1.86	32.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/94	34.68	2.32	32.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.68	5.44	29.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/20/95	34.68	6.34	28.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/20/95	34.68	5.20	29.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/06/95	34.68	3.76	30.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/21/96	34.68	6.03	28.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/21/96	34.68	6.78	27.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/06/96	34.68	5.98	28.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/19/96	34.68	4.98	29.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/17/97	34.68	6.92	27.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/11/97	34.68	5.87	28.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/17/97	34.68	5.32	29.36	--	--	SAMPLED ANNUALLY		--	--	--	--	--
12/11/97	34.68	4.88	29.80	--	--	--	--	--	--	--	--	--
03/12/98	34.68	8.95	25.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.6	--
06/23/98	34.68	8.38	26.30	--	--	--	--	--	--	--	--	--
09/01/98	34.68	8.17	26.51	--	--	--	--	--	--	--	--	--
12/30/98	34.68	7.79	26.89	--	--	--	--	--	--	--	--	--
03/31/99	34.68	8.32	26.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	11.8	--
06/14/99	34.68	8.65	26.03	--	--	--	--	--	--	--	--	--
09/30/99	34.68	7.40	27.28	--	--	--	--	--	--	--	--	--
12/22/99	34.68	6.48	28.20	--	--	--	--	--	--	--	--	--
03/09/00	34.68	8.35	26.33	--	--	<50	<0.5	<0.5	<0.5	1.8	<2.5	--
06/23/00	34.68	8.49	26.19	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/05/00	34.68	7.71	26.97	0.00	0.00	--	--	--	--	--	--	--
12/04/00	34.68	7.26	27.42	0.00	0.00	--	--	--	--	--	--	--
03/08/01	34.68	8.58	26.10	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
06/07/01	34.68	8.89	25.79	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/13/01	34.68	7.87	26.81	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
12/13/01	34.68	7.52	27.16	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
03/08/02	34.68	9.38	25.30	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/19/02	34.68	9.75	24.93	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/11/02	34.68	8.76	25.92	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)								
<b>C-8 (cont)</b>													
12/11/02	34.68	7.37	27.31	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--
03/11/03	34.68	8.89	25.79	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/10/03	34.68	9.40	25.28	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--
09/09/03	34.68	8.57	26.11	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--
12/09/03	34.68	6.17	28.51	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--
03/09/04 <sup>7</sup>	34.68	10.70	23.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
06/08/04	34.68	9.41	25.27	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--
09/08/04	34.68	8.85	25.83	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--
12/06/04	34.68	9.62	25.06	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--
<b>03/0705<sup>7</sup></b>	<b>34.68</b>	<b>11.33</b>	<b>23.35</b>	<b>0.00</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>
<b>C-9</b>													
08/13/96	--	--	28.27	--	--	ND	ND	ND	ND	ND	ND	ND	--
09/06/96	--	--	28.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/19/96	30.68	1.39	29.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/17/97	30.68	3.11	27.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/11/97	30.68	2.41	28.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/17/97	30.68	2.05	28.63	--	--	SAMPLED ANNUALLY	--	--	--	--	--	--	--
12/11/97	30.68	1.25	29.43	--	--	--	--	--	--	--	--	--	--
03/12/98	30.68	5.06	25.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/98	30.68	4.53	26.15	--	--	--	--	--	--	--	--	--	--
09/01/98	30.68	4.30	26.38	--	--	--	--	--	--	--	--	--	--
12/30/98	30.68	3.93	26.75	--	--	--	--	--	--	--	--	--	--
03/31/99	30.68	5.35	25.33	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.5	--	--
06/14/99	30.68	4.16	26.52	--	--	--	--	--	--	--	--	--	--
09/30/99	30.68	3.89	26.79	--	--	--	--	--	--	--	--	--	--
12/22/99	30.68	2.99	27.69	--	--	--	--	--	--	--	--	--	--
03/09/00	30.68	4.64	26.04	--	--	<50	<0.5	<0.5	<0.5	0.75	<2.5	--	--
06/23/00	30.68	4.83	25.85	0.00	0.00	--	--	--	--	--	--	--	--
09/05/00	30.68	3.99	26.69	0.00	0.00	--	--	--	--	--	--	--	--
12/04/00	30.68	3.61	27.07	0.00	0.00	--	--	--	--	--	--	--	--
03/08/01	30.68	4.93	25.75	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
<b>C-9 (cont)</b>												
06/07/01	30.68	5.18	25.50	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
09/13/01	30.68	4.13	26.55	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
12/13/01	30.68	3.91	26.77	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
03/08/02	30.68	5.68	25.00	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/19/02	30.68	6.01	24.67	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
09/11/02	30.68	4.98	25.70	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
12/11/02	30.68	3.61	27.07	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
03/11/03	30.68	6.20	24.48	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/10/03	30.68	5.68	25.00	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
09/09/03	30.68	4.88	25.80	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
12/09/03	30.68	2.46	28.22	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
03/09/04 <sup>7</sup>	30.68	6.82	23.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
06/08/04	-- <sup>10</sup>	-- <sup>10</sup>	25.21	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
09/08/04	-- <sup>10</sup>	-- <sup>10</sup>	25.61	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
12/06/04	-- <sup>10</sup>	-- <sup>10</sup>	24.77	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--
03/0705 <sup>7</sup>	-- <sup>10</sup>	-- <sup>10</sup>	<b>23.18</b>	<b>0.00</b>	<b>0.00</b>	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
<b>C-10</b>												
09/09/03 <sup>7,8</sup>	--	--	17.18	0.00	0.00	<50	<0.5	<0.5	<0.5	0.5	14	<50
12/09/03 <sup>7</sup>	--	--	14.24	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	<50
03/09/04 <sup>7</sup>	38.37	28.67	9.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	15	<50
06/08/04 <sup>7</sup>	38.37	26.67	11.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	44	<50
09/08/04 <sup>7</sup>	38.37	25.37	13.00	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	<50
12/06/04 <sup>7</sup>	38.37	25.84	12.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3	<50
03/0705 <sup>7</sup>	<b>38.38</b>	<b>30.54</b>	<b>7.84</b>	<b>0.00</b>	<b>0.00</b>	<50	<0.5	<0.5	<0.5	<0.5	<b>140</b>	<50
<b>TRIP BLANK</b>												
04/28/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
08/08/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
08/27/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/14/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>TRIP BLANK (cont)</b>												
06/18/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/19/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/18/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/14/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/08/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/16/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/06/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/06/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/12/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/01/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/30/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
03/31/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
06/14/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>TRIP BLANK (cont)</b>												
12/22/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
09/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/04/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/08/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
06/07/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
09/13/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
<b>QA</b>												
12/13/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/08/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/19/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/11/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/10/03 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/09/03 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/09/03 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/09/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/08/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/08/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/06/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/0705 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to June 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbons Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

ND = Not Detected

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

\* TOC elevation for C-10 was surveyed on September 26, 2003, by Virgil Chavez Land Surveying. The benchmark for this survey was a City of Oakland No. 1589, a cut square in the sidewalk at the mid-return at the west corner of High Street and Foothill Blvd., (Benchmark Elevation = 38.54 feet, NGVD 29).

1 Confirmation run.

2 Sample were analyzed past hold-time, the results should be considered as estimated.

3 ORC present in well.

4 Laboratory report indicates gasoline C6-C12.

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

6 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

7 BTEX and MTBE by EPA Method 8260.

8 Well development performed.

9 ORC removed from well.

10 TOC has been altered; unable to determine an accurate GWE.

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**4411 Foothill Boulevard**  
**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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	12/18/1992	41,000	NA	3,100	1,100	1,200	8,700	NA	NA	NA	NA	NA	NA	38.31	9.06	NA	NA
S-1	05/26/1993	39,000	6,000	1,300	4,700	1,500	7,800	NA	NA	NA	NA	NA	NA	38.31	NA	NA	NA
S-1	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.31	12.13	26.18	NA
S-1	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.31	8.89	29.42	NA
S-1	06/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.31	8.80	29.51	NA
S-1	09/21/1993	34,000	5,900	480	5,000	3,800	18,000	NA	NA	NA	NA	NA	NA	38.31	10.40	27.91	NA
S-1	12/14/1993	25,000	13,000	1,100	5,000	2,200	11,000	NA	NA	NA	NA	NA	NA	38.31	9.66	28.65	NA
S-1	03/17/1994	57,000	1,600	1,300	5,400	2,100	11,000	NA	NA	NA	NA	NA	NA	38.31	8.20	30.11	NA
S-1	06/16/1994	57,000	3,000	1,600	6,000	2,000	13,000	NA	NA	NA	NA	NA	NA	38.31	9.41	28.90	NA
S-1	09/22/1994	39,000	ND	1,300	2,100	1,500	7,100	NA	NA	NA	NA	NA	NA	38.31	11.13	27.18	NA
S-1 a	12/15/1994	30,000	3,100	1,100	4,700	1,600	10,000	NA	NA	NA	NA	NA	NA	38.31	7.15	31.16	NA
S-1 a, b	03/30/1995	30,000	3,100	1,400	4,000	1,500	11,000	NA	NA	NA	NA	NA	NA	38.31	6.09	32.22	NA
S-1	06/20/1995	28,000	2,100	1,100	2,300	1,100	8,300	NA	NA	NA	NA	NA	NA	38.31	7.30	31.01	NA
S-1	09/20/1995	40,000	2,600	840	3,600	1,300	8,600	NA	NA	NA	NA	NA	NA	38.31	10.02	28.29	NA
S-1 a	12/06/1995	38,000	6,400	920	3,200	1,500	9,400	NA	NA	NA	NA	NA	NA	38.31	11.64	26.67	NA
S-1	03/21/1996	48,000	NA	700	4,200	1,100	8,600	NA	NA	NA	NA	NA	NA	38.31	6.87	31.44	NA
S-1	09/06/1996	41,000	4,100	830	2,600	2,100	12,000	<250	NA	NA	NA	NA	NA	38.31	10.50	27.81	NA
S-1	12/19/1996	40,000	2,500	540	3,100	1,900	9,800	920	NA	NA	NA	NA	NA	38.31	8.24	30.07	NA
S-1	03/17/1997	42,000	4,700	610	2,700	1,700	11,000	3,500	NA	NA	NA	NA	NA	38.31	7.26	31.05	NA
S-1	06/11/1997	28,000	4,000	540	960	1,300	5,300	220	NA	NA	NA	NA	NA	38.31	10.69	27.62	NA
S-1 (D)	06/11/1997	30,000	3,900	580	1,000	1,400	5,400	<125	NA	NA	NA	NA	NA	38.31	10.69	27.62	NA
S-1	09/17/1997	27,000	4,400	310	1,200	1,900	9,000	170	NA	NA	NA	NA	NA	38.31	10.26	28.05	NA
S-1 (D)	09/17/1997	27,000	4,400	270	1,200	1,900	9,000	170	NA	NA	NA	NA	NA	38.31	10.26	28.05	NA
S-1	12/11/1997	21,000	3,400	350	820	1,500	6,500	<125	NA	NA	NA	NA	NA	38.31	6.96	31.35	NA
S-1	03/16/1998	25,000	2,500	250	820	670	5,000	<125	NA	NA	NA	NA	NA	38.31	6.00	32.31	NA
S-1 (D)	03/16/1998	26,000	NA	250	840	720	5,100	<125	NA	NA	NA	NA	NA	38.31	6.00	32.31	5.3/3.7
S-1	06/23/1998	<1,000	230	280	14	23	15	6,100	7,800	NA	NA	NA	NA	38.31	6.31	32.00	3.8/2.4
S-1	09/01/1998	26,000	2,300	370	620	1,300	33	1,400	120	NA	NA	NA	NA	38.31	9.17	29.14	1.4/2.6
S-1	12/30/1998	29,900	1,970	174	732	1,680	5,740	182	NA	NA	NA	NA	NA	38.31	8.99	29.32	1.6/2.0
S-1	03/30/1999	14,200	1,150	1,360	260	1,070	3,580	<500	90.0	NA	NA	NA	NA	38.31	6.10	32.21	1.2/1.8

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**4411 Foothill Boulevard**  
**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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.31	7.84	30.47	NA
S-1	06/14/1999	20,200	4,280	135	407	825	5,000	705	NA	NA	NA	NA	NA	38.31	7.94	30.37	1.4/2.1
S-1	09/30/1999	18,300	3,120	189	531	1,250	4,740	322	NA	NA	NA	NA	NA	38.31	10.04	28.27	4.3/2.0
S-1	12/22/1999	2,450	444a	50.2	97.5	139	458	133	NA	NA	NA	NA	NA	38.31	9.42	28.89	1.8/2.3
S-1	03/09/2000	1,230d	1,200a	21.2d	115d	116d	411d	45.1d	NA	NA	NA	NA	NA	38.30	6.21	32.09	2.0/2.9
S-1	06/20/2000	755	352a	26.0	48.4	43.1	230	71.5	NA	NA	NA	NA	NA	38.30	9.18	29.12	2.0/2.4
S-1	09/05/2000	2,980	783a	43.5	117	168	871	192	NA	NA	NA	NA	NA	38.30	10.14	28.16	0.6/0.3
S-1	12/04/2000	399	238a	5.34	14.6	36.2	106	24.9	NA	NA	NA	NA	NA	38.30	10.10	28.20	8.6/9.8
S-1	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.30	9.22	29.08	NA
S-1	03/08/2001	2,940	1,390a	49.6	52.9	21.8	749	87.6	NA	NA	NA	NA	NA	38.30	5.84	32.46	2.7e
S-1	06/07/2001	10,000	1,400	120	370	680	2,400	150	NA	NA	NA	NA	NA	38.30	8.80	29.50	6.2/2.2
S-1	09/13/2001	240	<200	1.8	8.9	16	53	NA	17	NA	NA	NA	NA	38.30	10.25	28.05	7.8/8.9
S-1	11/19/2001	1,400	<300	14	42	110	260	NA	27	NA	NA	NA	NA	38.30	9.87	28.43	7.7/7.3
S-1	03/18/2002	7,500	<300	40	370	560	2,000	NA	20	NA	NA	NA	NA	38.30	5.08	33.22	5.6/6.1
S-1	06/19/2002	1,000	180	4.7	36	68	250	NA	14	NA	NA	NA	NA	38.30	9.26	29.04	NA
S-1	09/11/2002	2,100	<350	8.1	68	180	820	NA	7.1	NA	NA	NA	NA	38.30	10.54	27.76	6.5
S-1	12/11/2002	4,100	<500	16	93	310	900	NA	<20	NA	NA	NA	NA	38.04	9.97	28.07	8.0
S-1	03/11/2003	14,000	<1,600	71	470	1,000	3,300	NA	<50	NA	NA	NA	NA	38.04	7.31	30.73	5.2
S-1	06/10/2003	1,700	110 a	7.7	44	190	340	NA	4.5	NA	NA	NA	NA	38.04	8.14	29.90	14.0
S-1	09/09/2003	3,200	96 a	11	110	350	1,100	NA	5.8	NA	NA	NA	NA	38.04	9.31	28.73	7.5
S-1	12/09/2003	6,000	1,000 a	20	170	530	1,700	NA	6.1	NA	NA	NA	NA	38.04	7.24	30.80	28.6
S-1	03/09/2004	390	300 a	5.8	30	67	160	NA	5.6	NA	NA	NA	NA	38.04	5.56	32.48	6.4
S-1	06/08/2004	5,600	2,500 a	11	140	660	1,900	NA	5.0	NA	NA	NA	NA	38.04	8.82	29.22	30.0
S-1	09/07/2004	<50	130 i	<0.50	<0.50	<0.50	<1.0	NA	0.75	<2.0	<2.0	<2.0	<5.0	38.04	9.84	28.20	14.4
S-1	12/06/2004	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.04	9.20	28.84	NA
S-1	12/15/2004	560	120 i	2.2	26	67	220	NA	1.4	NA	NA	NA	NA	38.04	5.39	32.65	31.7
S-1	03/07/2005	12,000	460 i	12	310	830	2,600	NA	<5.0	NA	NA	NA	NA	38.04	5.77	32.27	16.1
S-2	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.51	29.28	NA
S-2	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.51	29.28	NA

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S-2	06/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.57	29.22	NA
S-2	06/29/1993	1,300	NA	290	35	38	130	NA	NA	NA	NA	NA	NA	38.79	NA	NA	NA
S-2	09/21/1993	3,300	NA	870	24	190	120	NA	NA	NA	NA	NA	NA	38.79	10.54	28.25	NA
S-2	12/14/1993	1,300	NA	400	16	36	27	NA	NA	NA	NA	NA	NA	38.79	9.76	29.03	NA
S-2	03/17/1994	4,500	NA	610	27	92	110	NA	NA	NA	NA	NA	NA	38.79	9.92	28.87	NA
S-2 (D)	03/17/1994	4,000	NA	610	26	93	120	NA	NA	NA	NA	NA	NA	38.79	9.92	28.87	NA
S-2	06/16/1994	2,800	NA	690	45	97	140	NA	NA	NA	NA	NA	NA	38.79	10.11	28.68	NA
S-2	09/22/1994	4,000	NA	630	94	64	230	NA	NA	NA	NA	NA	NA	38.79	10.51	28.28	NA
S-2	12/15/1994	1,600	NA	450	300	67	130	NA	NA	NA	NA	NA	NA	38.79	9.12	29.67	NA
S-2 b	03/30/1995	8,200	NA	2,800	190	240	700	NA	NA	NA	NA	NA	NA	38.79	7.86	30.93	NA
S-2	06/20/1995	9,600	NA	2,600	160	170	500	NA	NA	NA	NA	NA	NA	38.79	9.51	29.28	NA
S-2	09/20/1995	4,200	NA	920	45	98	140	NA	NA	NA	NA	NA	NA	38.79	10.06	28.73	NA
S-2	12/06/1995	<5,000	NA	790	67	64	130	NA	NA	NA	NA	NA	NA	38.79	10.52	28.27	NA
S-2	03/21/1996	3,700	NA	850	45	96	170	NA	NA	NA	NA	NA	NA	38.79	8.60	30.19	NA
S-2	09/06/1996	2,400	NA	500	33	39	84	490	NA	NA	NA	NA	NA	38.79	10.50	28.29	NA
S-2	12/19/1996	1,200	NA	330	15	24	31	430	NA	NA	NA	NA	NA	38.79	9.40	29.39	NA
S-2	03/17/1997	4,100	NA	780	42	110	120	2,200	NA	NA	NA	NA	NA	38.79	9.82	28.97	NA
S-2	06/11/1997	760	NA	120	<5.0	7.0	7.6	900	NA	NA	NA	NA	NA	38.79	10.18	28.61	NA
S-2	09/17/1997	1,500	NA	230	8.6	40	27	480	NA	NA	NA	NA	NA	38.79	9.90	28.89	NA
S-2	12/11/1997	1,300	NA	240	15	33	57	280	NA	NA	NA	NA	NA	38.79	8.27	30.52	NA
S-2	03/16/1998	1,100	NA	830	48	<10	<10	4,700	4,800	NA	NA	NA	NA	38.79	7.97	30.82	7.0/4.3
S-2	06/23/1998	720	NA	46	6.8	50	68	50	8.8	NA	NA	NA	NA	38.79	8.20	30.59	4.2/3.8
S-2 (D)	06/23/1998	810	NA	49	7.1	50	70	49	8.8	NA	NA	NA	NA	38.79	8.20	30.59	4.2/3.8
S-2	09/01/1998	<2,000	NA	170	<20	<20	<20	9,300	12,000	NA	NA	NA	NA	38.79	9.85	28.94	1.9/1.6
S-2	12/30/1998	<5,000	NA	369	<50	<50	<50	14,300	NA	NA	NA	NA	NA	38.79	9.84	28.95	2.0/1.8
S-2	03/30/1999	<2,000	NA	234	<20.0	27.4	36.9	49,200	53,000	NA	NA	NA	NA	38.79	8.41	30.38	2.1/1.8
S-2	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.79	8.67	30.12	NA
S-2	06/14/1999	<1,000	NA	175	<10.0	<10.0	11.1	67,500	NA	NA	NA	NA	NA	38.79	9.80	28.99	NA
S-2	09/30/1999	678	177a	135	8.22	14.9	25.8	17,100	17,000c	NA	NA	NA	NA	38.79	10.58	28.21	5.1/4.8
S-2	12/22/1999	316	142a	55.8	10.1	5.26	10.4	9,410	8,810	NA	NA	NA	NA	38.79	10.13	28.66	9.6/5.2

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S-2	03/09/2000	2,670	630a	1,190d	62.7	84.1	125	29,200d	31,400c	NA	NA	NA	NA	38.78	7.88	30.90	7.6/5.0
S-2	06/20/2000	<5,000	401a	348	<50.0	50.4	127	35,800	33,900c	NA	NA	NA	NA	38.78	10.27	28.51	1.9/2.2
S-2	09/05/2000	<5,000	373a	106	<50.0	<50.0	<50.0	25,800	37,100c	NA	NA	NA	NA	38.78	10.19	28.59	0.5/1.6
S-2	12/04/2000	<250	1,730a	4.37	<2.50	<2.50	<2.50	4,500	5,130c	NA	NA	NA	NA	38.78	10.30	28.48	10.6/9.4
S-2	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.78	9.66	29.12	NA
S-2	03/08/2001	<2,500	<51.3	318	45.7	53.5	88.5	15,500	17,500	NA	NA	NA	NA	38.78	8.57	30.21	2.7e
S-2	06/07/2001	18,000	11,000	450	170	390	2,200	13,000	18,000	NA	NA	NA	NA	38.78	9.39	29.39	1.1/2.0
S-2	09/13/2001	13,000	<5,000	140	110	350	1,400	NA	9,200	NA	NA	NA	NA	38.78	10.34	28.44	11.0/4.5
S-2	11/19/2001	15,000	8,700	71	27	86	330	NA	7,500	NA	NA	NA	NA	38.78	9.90	28.88	5.0/3.1
S-2	03/18/2002	3,700	14,000	93	<20	35	100	NA	7,500	NA	NA	NA	NA	38.78	9.91	28.87	0.9/4.2
S-2	06/19/2002	2,100	<2,000	92	<10	24	50	NA	4,700	NA	NA	NA	NA	38.78	9.98	28.80	NA
S-2	09/11/2002	2,100	<450	54	<5.0	19	55	NA	1,900	NA	NA	NA	NA	38.78	10.25	28.53	3.5
S-2	12/11/2002	570	1,900	9.4	<2.5	7.2	14	NA	1,100	NA	NA	NA	NA	38.47	9.99	28.48	2.0
S-2	03/11/2003	2,900	<1,800	150	5.5	54	84	NA	870	NA	NA	NA	NA	38.47	9.25	29.22	2.4
S-2	06/10/2003	2,200	840 a	83	<5.0	22	52	NA	970	NA	NA	NA	NA	38.47	9.20	29.27	5.0
S-2	09/09/2003	1,200	270 a	57	<2.5	11	33	NA	740	NA	NA	NA	NA	38.47	9.70	28.77	3.7
S-2	12/09/2003	3,100	1,900 a	84	<5.0	45	90	NA	660	NA	NA	NA	NA	38.47	9.31	29.16	24.21
S-2	03/09/2004	1,600	990 a	140	<5.0	31	49	NA	610	NA	NA	NA	NA	38.47	8.24	30.23	2.6
S-2	06/08/2004	640	400 a	40	<2.5	4.2	6.6	NA	460	NA	NA	NA	NA	38.47	9.40	29.07	8.2
S-2	09/07/2004	<100	240 i	6.6	<1.0	1.3	2.3	NA	140	<4.0	<4.0	<4.0	450	38.47	9.78	28.69	2.4
S-2	12/06/2004	260	140 a	26	<1.0	2.0	<2.0	NA	270	NA	NA	NA	NA	38.47	9.45	29.02	8.5
S-2	03/07/2005	2,300	450 i	100	<5.0	11	<10	NA	570	NA	NA	NA	NA	38.47	7.82	30.65	16.7
S-3	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.45	28.88	NA
S-3	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.36	28.97	NA
S-3	01/19/1900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.41	28.92	NA
S-3	06/29/1993	29,000	NA	1,500	1,800	950	6,200	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	09/21/1993	15,000	NA	900	2,200	2,600	11,000	NA	NA	NA	NA	NA	NA	37.33	10.08	27.25	NA
S-3	12/94/1993	20,000	NA	1,100	2,400	1,800	8,500	NA	NA	NA	NA	NA	NA	37.33	8.80	28.53	NA
S-3	03/17/1994	14,000	NA	580	190	750	1,700	NA	NA	NA	NA	NA	NA	37.33	8.34	28.99	NA

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S-3	06/16/1994	20,000	NA	700	690	1,400	4,100	NA	NA	NA	NA	NA	NA	37.33	9.12	28.21	NA
S-3 (D)	06/16/1994	19,000	NA	680	560	1,300	3,700	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	09/22/1994	24,000	NA	630	1,100	1,400	5,700	NA	NA	NA	NA	NA	NA	37.33	10.27	27.06	NA
S-3 (D)	09/22/1994	25,000	NA	720	1,100	1,500	6,100	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	12/15/1994	18,000	NA	520	800	1,100	4,200	NA	NA	NA	NA	NA	NA	37.33	7.81	29.52	NA
S-3 (D)	12/15/1994	23,000	NA	1,000	1,900	2,000	8,600	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3 b	03/30/1995	8,800	NA	360	730	700	3,700	NA	NA	NA	NA	NA	NA	37.33	7.06	30.27	NA
S-3 (D)	03/30/1995	7,600	NA	330	570	600	2,600	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	06/20/1995	9,600	NA	510	170	960	1,700	NA	NA	NA	NA	NA	NA	37.33	8.15	29.18	NA
S-3 (D)	06/20/1995	9,800	NA	500	170	950	1,700	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	09/20/1995	21,000	NA	400	560	1,300	4,600	NA	NA	NA	NA	NA	NA	37.33	9.32	28.01	NA
S-3	12/06/1995	24,000	NA	630	1,400	1,400	6,000	NA	NA	NA	NA	NA	NA	37.33	10.53	26.80	NA
S-3 (D)	12/06/1995	22,000	NA	630	1,200	1,400	5,500	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	03/21/1996	9,100	NA	290	110	490	1,600	NA	NA	NA	NA	NA	NA	37.33	7.32	30.01	NA
S-3 (D)	03/21/1996	11,000	NA	310	250	540	2,100	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	09/06/1996	15,000	NA	440	300	1,100	3,000	500	NA	NA	NA	NA	NA	37.33	10.10	27.23	NA
S-3 (D)	09/06/1996	11,000	NA	490	170	820	1,500	700	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	12/19/1996	12,000	NA	600	380	850	2,500	380	NA	NA	NA	NA	NA	37.33	8.36	28.97	NA
S-3 (D)	12/19/1996	12,000	NA	590	380	830	2,500	540	NA	NA	NA	NA	NA	37.33	8.36	28.97	NA
S-3	03/17/1997	12,000	NA	520	140	740	1,400	320	NA	NA	NA	NA	NA	37.33	8.57	28.76	NA
S-3 (D)	03/17/1997	9,600	NA	500	100	680	1,100	<250	NA	NA	NA	NA	NA	37.33	8.57	28.76	NA
S-3	06/11/1997	9,600	NA	510	94	740	1,100	410	NA	NA	NA	NA	NA	37.33	9.26	28.07	NA
S-3	09/17/1997	21,000	NA	140	560	1,800	7,200	130	NA	NA	NA	NA	NA	37.33	9.62	27.71	NA
S-3	12/11/1997	24,000	NA	530	970	1,600	6,900	950	NA	NA	NA	NA	NA	37.33	7.34	29.99	NA
S-3 (D)	12/11/1997	29,000	NA	520	1,000	1,600	7,300	970	NA	NA	NA	NA	NA	37.33	7.34	29.99	NA
S-3	03/16/1998	29,000	NA	840	810	1,700	6,000	<250	NA	NA	NA	NA	NA	37.33	5.75	31.58	3.0/3.4
S-3	06/23/1998	3,800	NA	90	220	240	1,400	<50	NA	NA	NA	NA	NA	37.33	5.98	31.35	4.2/2.0
S-3	09/01/1998	9,600	NA	480	120	870	1,800	490	<50	NA	NA	NA	NA	37.33	8.98	28.35	1.9/2.8
S-3 (D)	09/01/1998	9,200	NA	420	110	800	1,700	110	<50	NA	NA	NA	NA	37.33	8.98	28.35	1.9/2.8
S-3	12/30/1998	7,660	NA	240	103	410	834	64.9	NA	NA	NA	NA	NA	37.33	9.11	28.22	1.8/1.6



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S-3	03/30/1999	2,070	NA	195	10.0	<5.00	48.6	354	64.6	NA	NA	NA	NA	37.33	6.95	30.38	1.3/1.5
S-3	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.33	7.48	29.85	NA
S-3	06/14/1999	1,250	NA	37.4	17.4	110	109	118	NA	NA	NA	NA	NA	37.33	8.85	28.48	NA
S-3	09/30/1999	8,270	2,020a	226	113	686	1,440	184	NA	NA	NA	NA	NA	37.33	9.66	27.67	3.5/2.8
S-3	12/22/1999	9,530	2,270a	207	132	603	1,450	616	NA	NA	NA	NA	NA	37.33	9.50	27.83	0.98/0.8
S-3	03/09/2000	2,290d	1,600a	84.5d	17.0d	104d	105d	29.3d	NA	NA	NA	NA	NA	37.30	6.25	31.05	1.0/1.4
S-3	06/20/2000	5,570	2,900a	117	41.6	395	393	354	NA	NA	NA	NA	NA	37.30	9.67	27.63	1.8/2.0
S-3	09/05/2000	6,930	1,600a	127	85.5	354	535	509	NA	NA	NA	NA	NA	37.30	9.49	27.81	1.1/1.9
S-3	12/04/2000	8,390	1,460a	217	82.4	471	952	436	NA	NA	NA	NA	NA	37.30	9.23	28.07	1.1/1.5
S-3	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.30	9.23	28.07	NA
S-3	03/08/2001	19,400	1,720a	465	772	1,230	3,830	160	NA	NA	NA	NA	NA	37.30	8.17	29.13	1.1f
S-3	06/07/2001	12,000	1,400	230	110	900	1,100	120	NA	NA	NA	NA	NA	37.30	8.78	28.52	0.8/0.9
S-3	09/13/2001	32,000	<2,000	400	880	2,000	7,000	NA	<100	NA	NA	NA	NA	37.30	9.93	27.37	3.7/2.9
S-3	11/19/2001	26,000	<2,000	160	210	990	4,100	NA	<50	NA	NA	NA	NA	37.30	9.33	27.97	2.9/1.9
S-3	03/18/2002	3,800	810	61	120	130	620	NA	5.0	NA	NA	NA	NA	37.30	7.03	30.27	1.1/4.7
S-3	06/19/2002	3,200	<500	48	81	160	360	NA	9.4	NA	NA	NA	NA	37.30	8.92	28.38	NA
S-3	09/11/2002	16,000	<1,100	230	570	980	3,900	NA	<50	NA	NA	NA	NA	37.30	9.54	27.76	3.0
S-3	12/11/2002	16,000	<1,500	130	270	770	3,000	NA	<50	NA	NA	NA	NA	36.85	9.23	27.62	1.6
S-3	03/11/2003	8,100	<1,500	29	110	190	1,700	NA	<20	NA	NA	NA	NA	36.85	7.32	29.53	3.9
S-3	06/10/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.85	NA	NA	NA
S-3	09/09/2003	5,900	640 a	44	140	130	1,500	NA	4.4	NA	NA	NA	NA	36.85	8.99	27.86	2.2
S-3	12/09/2003	27,000	1,500 a	130	460	550	4,900	NA	<20	NA	NA	NA	NA	36.85	7.67	29.18	1.6
S-3	03/09/2004	11,000	1,700 a	24	100	230	3,200	NA	<5.0	NA	NA	NA	NA	36.85	6.35	30.50	2.1
S-3	06/08/2004	1,700	1,100 a	11	34	29	420	NA	<2.5	NA	NA	NA	NA	36.85	8.25	28.60	0.1
S-3	09/07/2004	850	310 i	13	0.99	23	17	NA	7.0	<2.0	<2.0	<2.0	<5.0	36.85	9.05	27.80	0.1
S-3	12/06/2004	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.85	7.70	29.15	NA
S-3	12/15/2004	620	270 i	1.9	7.8	10	180	NA	<0.50	NA	NA	NA	NA	36.85	5.83	31.02	2.4
S-3	03/07/2005	4,500	400 i	<0.50	7.7	30	350	NA	<0.50	NA	NA	NA	NA	36.85	4.58	32.27	4.4
S-4	03/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.06	8.37	30.69	NA

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**4411 Foothill Boulevard**  
**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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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S-4	03/31/2000	20,900	5,780a	4,570	272	595	997	4,490	4,450c	NA	NA	NA	NA	39.06	8.92	30.14	1.8/1.2
S-4	06/20/2000	19,500	244a	4,590	309	723	1,290	3,740	NA	NA	NA	NA	NA	39.06	8.77	30.29	2.7/2.9
S-4	09/05/2000	5,760	1,670a	841	54.2	162	115	1,040	NA	NA	NA	NA	NA	39.06	10.57	28.49	1.3/0.3
S-4	12/04/2000	3,990	1,050a	949	<10.0	118	48.3	1,120	NA	NA	NA	NA	NA	39.06	10.67	28.39	1.1/1.0
S-4	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.06	10.64	28.42	NA
S-4	03/08/2001	20,100	5,840a	5,210	105	381	281	2,520	NA	NA	NA	NA	NA	39.06	8.44	30.62	1.0/0.9
S-4	06/07/2001	11,000	3,500	2,500	86	370	170	2,000	NA	NA	NA	NA	NA	39.06	10.57	28.49	0.7/0.6
S-4	09/13/2001	4,200	<800	790	14	110	48	NA	690	NA	NA	NA	NA	39.06	11.27	27.79	3.8/3.9
S-4	11/19/2001	2,300	<600	230	4.1	21	22	NA	590	NA	NA	NA	NA	39.06	10.83	28.23	3.6/1.6
S-4	03/18/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.06	8.75	30.31	NA
S-4	03/29/2002	14,000	NA	1,700	30	280	250	NA	960	NA	NA	NA	NA	39.06	8.85 g	30.21	3.0/3.1
S-4	06/19/2002	4,700	<1,500	620	9.5	84	37	NA	490	NA	NA	NA	NA	NA	10.37 h	NA	NA
S-4	09/11/2002	2,700	280	280	4.6	23	13	NA	410	NA	NA	NA	NA	NA	11.14	NA	0.6
S-4	12/11/2002	3,300	<900	320	5.7	24	15	NA	420	NA	NA	NA	NA	38.69	10.78	27.91	2.2
S-4	03/11/2003	12,000	<5,600	1,900	63	360	280	NA	930	NA	NA	NA	NA	38.69	9.31	29.38	1.5
S-4	06/10/2003	13,000	3,100 a	2,400	86	650	380	NA	1,100	NA	NA	NA	NA	38.69	9.77	28.92	0.8
S-4	09/09/2003	3,700	1,700 a	510	12	43	43	NA	650	NA	NA	NA	NA	38.69	10.78	27.91	0.9
S-4	12/09/2003	3,900	390 a	150	4.2	7.5	13	NA	510	NA	NA	NA	NA	38.69	10.20	28.49	0.1
S-4	03/09/2004	13,000	3,100 a	2,500	110	810	1,100	NA	1,100	NA	NA	NA	NA	38.69	7.67	31.02	0.7
S-4	06/08/2004	6,100	1,400 a	870	30	120	150	NA	420	NA	NA	NA	NA	38.69	10.27	28.42	0.3
S-4	09/07/2004	3,100	890 i	290	6.4	18	14	NA	250	<10	<10	<10	140	38.69	10.91	27.78	0.1
S-4	12/06/2004	4,900	670 i	520	9.9	38	24	NA	290	NA	NA	NA	NA	38.69	10.03	28.66	0.2
S-4	03/07/2005	28,000	2,900 i	2,300	130	690	770	NA	770	NA	NA	NA	NA	38.69	6.20	32.49	0.2

S-5	05/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.54	NA	NA
S-5	06/19/2002	16,000	<2,000	2,600	320	180	1,600	NA	5,300	NA	NA	NA	NA	NA	9.87	NA	NA
S-5	09/11/2002	8,800	<1,200	1,500	64	89	120	NA	5,600	NA	NA	NA	NA	NA	10.28	NA	0.9
S-5	12/11/2002	4,400	<1,000	280	61	130	130	NA	4,000	NA	NA	NA	NA	NA	9.87	NA	2.9
S-5	03/11/2003	2,300	<900	28	5.6	59	15	NA	2,400	NA	NA	NA	NA	38.05	8.26	29.79	1.6
S-5	06/10/2003	2,400	620 a	11	7.2	56	38	NA	1,100	NA	NA	NA	NA	38.05	8.51	29.54	0.1

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S-5	09/09/2003	3,700	660 a	23	14	44	150	NA	440	NA	NA	NA	NA	38.05	9.44	28.61	0.1
S-5	12/09/2003	12,000	600 a	200	80	41	320	NA	580	NA	NA	NA	NA	38.05	9.50	28.55	0.4
S-5	03/09/2004	2,300	550 a	130	3.5	6.9	13	NA	250	NA	NA	NA	NA	38.05	7.04	31.01	0.2
S-5	06/08/2004	2,900	490 a	11	<2.5	8.9	18	NA	120	NA	NA	NA	NA	38.05	8.87	29.18	0.2
S-5	09/07/2004	3,600	650 i	17	11	12	30	NA	120	<10	<10	<10	3,700	38.05	9.45	28.60	0.1
S-5	12/06/2004	4,700	460 i	99	28	14	69	NA	180	NA	NA	NA	NA	38.05	8.75	29.30	0.1
S-5	03/07/2005	4,700	360 i	440	<2.5	<2.5	<5.0	NA	200	NA	NA	NA	NA	38.05	7.28	30.77	0.1
BW-A	09/30/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.55	NA	2.3
BW-A	12/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.52	NA	2.2
BW-A	03/09/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.99	NA	1.5
BW-A	06/20/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.69	NA	2.4
BW-A	09/05/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.43	NA	1.0
BW-A	12/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.96	NA	1.3
BW-A	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.71	NA	NA
BW-A	03/08/2001	<2,500	1,370a	46.6	<25.0	<25.0	<25.0	10,600	11,700	NA	NA	NA	NA	NA	6.38	NA	0.9/1.4
BW-A	06/07/2001	1,100	960	<10	<10	<10	17	7,200	NA	NA	NA	NA	NA	NA	9.82	NA	3.6/0.8
BW-A	09/13/2001	<2,000	460	<20	<20	<20	<50	NA	13,000	NA	NA	NA	NA	NA	10.49	NA	3.3/1.7
BW-A	11/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.89	NA	NA

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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to September 13, 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 September 13, 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

TOB = Top of Box Elevation

TOC = Top of Casing Elevation

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

n/n = Pre-purge/Post-purge

NA = Not applicable

**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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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Notes:

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

b = National Environmental Testing, Inc. (NET), analyzed within hold time but further dilutions were required and analyzed out of hold time.

NET suggests that these should be considered minimum concentrations.

c = Sample analyzed outside the EPA recommended holding times.

d = Result reported was generated out of hold time.

e = Post-purge DO reading.

f = Pre-purge DO reading.

g = Estimated depth to water from top of box; TOB determined by using the survey data from 2/3/00 for the difference between TOB and TOC.

h = Estimated depth to water from TOB. Wellbox was destroyed. No new survey.

i = Hydrocarbon reported is in the early Diesel range and does not match the laboratory's standard.

Wells S-1 through S-4 surveyed February 3, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells S-1 through S-4 surveyed March 5, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Beginning December 12, 2002, depth to water referenced to Top of Casing elevation.

Well S-5 surveyed May 29, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.