Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
Fax: (925) 275-3815

31 October 2006

Re: Third Quarter, 2006 Groundwater Monitoring Report
Former BP Station # 11132
3201 35th Avenue
Oakland, California
ACEH Case #RO0000014

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

Submitted by:

Paul Supple
Environmental Business Manger

Third Quarter 2006 Ground-Water Monitoring Report
Former BP Station #11132
3201 35th Avenue
Oakland, California

Prepared for

Mr. Paul Supple
Environmental Business Manager
Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583

Prepared by

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

1324 Mangrove Avenue, Suite 212
Chico, California 95926
(530) 566-1400
www.broadbentinc.com

31 October 2006

Project No. 06-08-655

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
Chico, CA 95926
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BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

31 October 2006

Project No. 06-08-655

Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583
Submitted via ENFOS

Attn.: Mr. Paul Supple

Re: Third Quarter 2006 Ground-Water Monitoring Report, Former BP Station #11132, 3201 35th Avenue, Oakland, Alameda County, California. ACEH Case #RO0000014

Dear Mr. Supple:

Provided herein is the *Third Quarter 2006 Ground-Water Monitoring Report* for Former BP Station #11132 (herein referred to as Station #11132) located at 3201 35th Avenue, Oakland, California (Property). This report presents results of the ground-water monitoring and sampling conducted at Station #11132 during the Third Quarter of 2006.

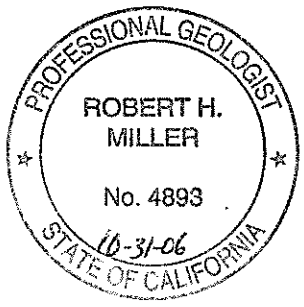
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus, P.E.
Senior Engineer

Robert H. Miller, P.G., C.HG.
Principal Hydrogeologist



Enclosures

cc: Mr .Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)
Ms. Shelby Lathrop, ConocoPhillips (Submitted via WebXtender)

STATION #11132 QUARTERLY GROUND-WATER MONITORING REPORT

Facility: #11132 Address:	3201 35th Avenue, Oakland, California
Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus (530) 566-1400
Consultant Project No.:	06-08-655
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) ACEH Case # RO0000014

WORK PERFORMED THIS QUARTER (Third Quarter 2006):

1. Prepared and submitted Second Quarter 2006 Ground-Water Monitoring Report. Report prepared by BAI
2. Conducted ground-water monitoring/sampling for Third Quarter 2006. Work performed by Blaine Tech Services for URS on 23 August 2006.
3. Performed monthly free product (FP) gauging and bailing as an interim remedial measure. Work performed by Blaine Tech Services for URS on 31 July, 23 August, and 28 September 2006.

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter 2006):

1. Prepared and submitted this Third Quarter 2006 Ground-Water Monitoring Report (contained herein).
2. Conduct quarterly ground-water monitoring/sampling for Fourth Quarter 2006.
3. Perform monthly free product (FP) gauging and bailing as an interim remedial action measure.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Groundwater Monitoring/Sampling/ FP Bailing**
Frequency of ground-water monitoring:	**Quarterly: MW-1 through MW-10 and RW-1**
Frequency of ground-water sampling:	**Quarterly: MW-1, MW-2, MW-5, MW-8, MW-9, MW-10, and RW-1** **Annually (1Q): MW-3, MW-4, MW-6, and MW-7**
Is free product (FP) present on-site:	**Yes**
FP recovered this quarter:	**0.467 gallons**
Cumulative FP recovered since 1990:	**52.774 gallons**
Current remediation techniques:	**Interim FP Bailing**
Depth to ground water (below TOC):	**16.35 ft (MW-6) to 22.01 ft (MW-1)**
General ground-water flow direction:	**Southwest**
Approximate hydraulic gradient:	**0.01 ft/ft**

DISCUSSION:

Third quarter ground-water monitoring was conducted at Former BP Station #11132 by URS on 23 August 2006. Depth to water measurements across the Site ranged from 16.35 ft at MW-6, to 22.01 ft at MW-1. Resulting ground-water surface elevations ranged from 149.41 ft above mean sea level at MW-4, to 146.89 ft at MW-8. Third quarter 2006 ground-water elevations were within the historic minimum and maximum ranges for each well. These ground-water level elevations yielded a potentiometric ground-water flow direction and gradient of approximately 0.01 ft/ft towards the

southwest. A map of the site showing ground-water elevation contours with flow direction arrow is provided as Drawing 1. Station #11132 ground-water elevation data is summarized in Table 1. Field data sheets from ground-water monitoring at Station #11132 are provided in Appendix A.

Following ground-water level monitoring, water quality samples were collected from wells MW-2, MW-5, MW-8, MW-9, and MW-10. Wells MW-1 and RW-1 were not sampled as separate phase hydrocarbons (Free Product) were present (See discussion below). Samples were submitted under chain of custody documentation to Test America Analytical Testing Corporation (Morgan Hill, California) to be analyzed for Gasoline Range Organics (GRO, C4-C12) following LUFT GCMS Method; Benzene, Toluene, Ethylbenzene, total Xylenes (BTEX); and fuel oxygenates/additives following EPA Method 8260B. No analytical irregularities were reported by the laboratory. A copy of the laboratory analytical report for Station #11132 samples, including chain of custody documentation, is provided in Appendix A.

Gasoline range organics (GRO) were detected above the laboratory reporting limit in each of the five wells sampled (wells MW-1and RW-1 contained separate phase hydrocarbons). GRO concentrations ranged from 1,400 micrograms per liter (µg/L) in well MW-5 to 100,000 µg/L in well MW-2. Benzene was detected above the laboratory reporting limit in each well sampled with concentrations ranging from 69 µg/L in well MW-5 to 12,000 µg/L in well MW-2. Toluene was detected above the laboratory reporting limit in three of wells sampled with concentrations ranging from 150 µg/L in well MW-8 to 9,100 µg/L in well MW-2. Ethylbenzene was detected above the laboratory reporting limit in each well sampled with concentrations ranging from 20 µg/L in well MW-5 to 5,800 µg/L in well MW-2. Xylenes were detected above the laboratory reporting limit in each well sampled with concentrations ranging from 24 µg/L in well MW-5 to 25,000 µg/L in well MW-2. Methyl tert-butyl ether (MTBE) was detected above the laboratory reporting limit in three of the wells sampled with concentrations ranging from 82 µg/L in well MW-8 to 480 µg/L in well MW-2. No other tested fuel additives were detected at or above their respective laboratory reporting limits. Reported concentrations were within the historic minimum and maximum ranges for each analyte at each well. Analytical concentrations are summarized in Table 1 and Table 2. Concentrations of GRO, Benzene, and MTBE are show adjacent to the wells they were detected in on Drawing 1.

Separate phase hydrocarbons (SPH, or Free Product – FP) were monitored and removed from wells MW-1 and RW-1 each month during the Third Quarter of 2006. Measured FP thickness ranged from 0.04 ft (31 July 2006) to 0.35 ft (28 September 2006) in well MW-1, and from 0.07 ft (23 August 2006 and 28 September 2006) to 0.12 ft (31 July 2006) in well RW-1. These measurements were within the historic minimum and maximum thicknesses measured at the Site in well MW-1; however, the 31 July 2006 measurement exceeded the maximum historic thickness in well RW-1 (previously 0.11 ft on 2 July 2004). Approximately 0.467 gallons of FP were removed from the Site during the Third Quarter 2006. Total cumulative FP removed to date at the Site is approximately 52.774 gallons. Table 3 contains a summary of FP removal data.

CLOSURE:

The findings presented in this report are based upon: observations of URS and Blaine Tech Services field personnel (see Appendix A), the points investigated, and results of laboratory tests performed by Test America (Morgan Hill, California). Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of Atlantic Richfield Company. It is possible that variations in soil or ground-water conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

Drawing 1. Ground-Water Elevation Contour and Analytical Summary Map, Third Quarter 2006, Former BP Service Station #11132, 3201 35th Avenue, Oakland, California

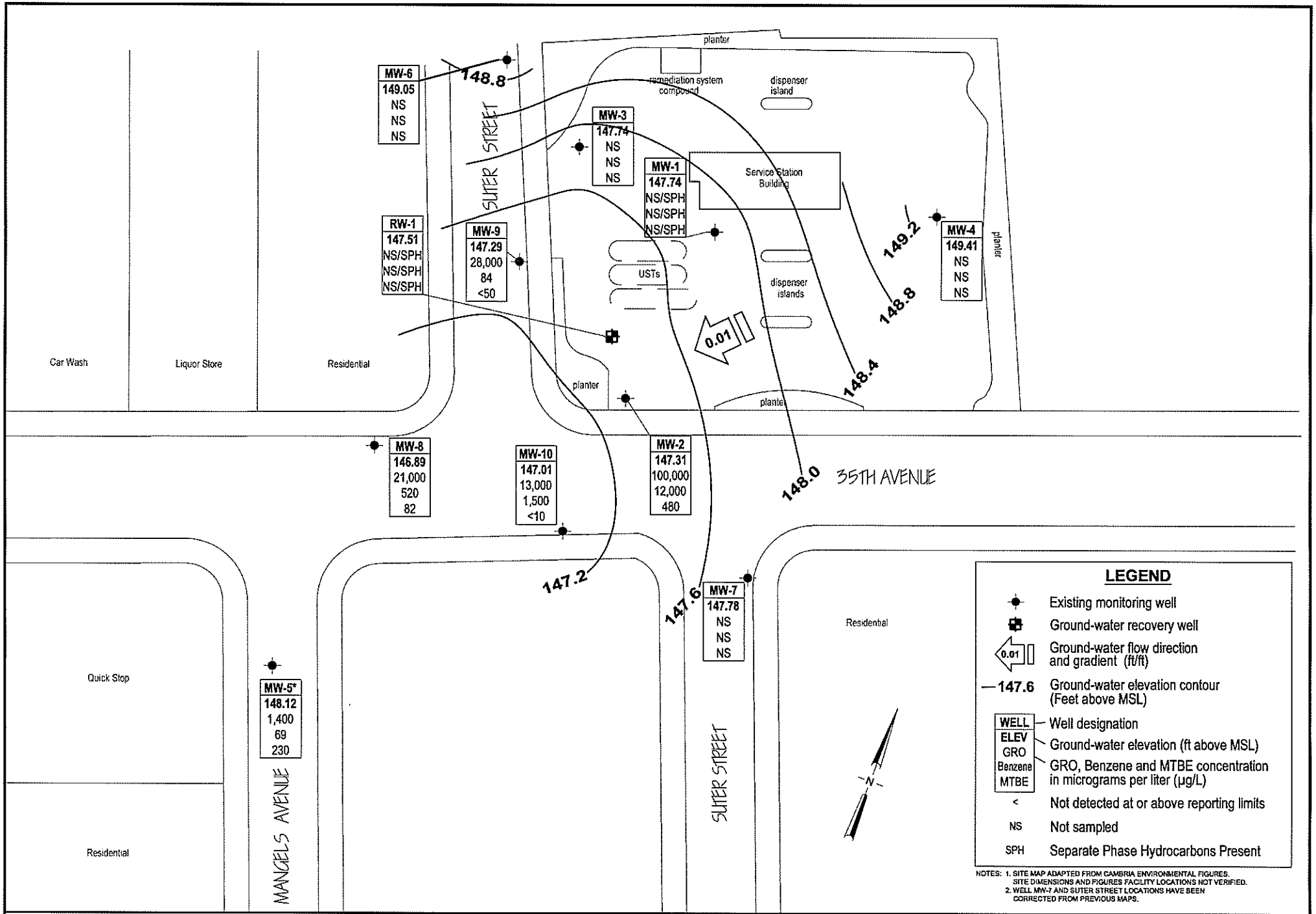
Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #11132, 3201 35th Ave., Oakland, CA

Table 2. Summary of Fuel Additives Analytical Data, Station #11132, 3201 35th Ave., Oakland, CA

Table 3. Free Product Removal, Former BP Service Station #11132, 3201 35th Avenue, Oakland, CA

Appendix A. URS Ground-Water Sampling Data Package (Includes Laboratory Report and Chain of Custody Documentation, Field and Laboratory Procedures, and Field Data Sheets)

Appendix B. GeoTracker Upload Confirmation



0 50 100

SCALE (ft)

BROADBENT & ASSOCIATES, INC.

ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California 95926
Project No.: 06-08-655 Date: 10/31/06

Former BP Service Station #11132
3201 35th Avenue
Oakland, California

Ground-Water Elevation Contours and Analytical Summary Map
23 August 2006

Drawing
1

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	DO			
MW-1															
7/9/1990	--	169.75		--		--	--	--	--	--	--	--	--	--	
12/21/1990	--	169.75		--		--	--	--	--	--	--	--	--	--	
3/7/1991	--	169.75	20.59	--		--	--	--	--	--	--	--	--	--	
4/1/1991	--	169.75	16.51	--	153.09	--	--	--	--	--	--	--	--	--	
6/27/1991	--	169.75		--		--	--	--	--	--	--	--	--	--	
9/27/1991	--	169.75		--		--	--	--	--	--	--	--	--	--	
12/18/1991	--	169.75		--		--	--	--	--	--	--	--	--	--	
7/3/1992	--	169.75	22.3	--	147.18	--	--	--	--	--	--	--	--	--	
10/5/1992	--	169.75	23.98	--	145.53	--	--	--	--	--	--	--	--	--	
1/13/1993	--	169.75	17.03	--	152.48	--	--	--	--	--	--	--	--	--	
4/23/1993	--	169.75	18.1	--	151.23	--	--	--	--	--	--	--	--	--	
7/12/1993	--	169.75	22.02	--	147.24	--	--	--	--	--	--	--	--	--	
10/21/1993	--	169.75	25.12	--	143.54	--	--	--	--	--	--	--	--	--	
1/21/1994	--	169.75	23.02	--	145.97	--	--	--	--	--	--	--	--	--	
4/20/1994	--	169.75	24.54	--	143.41	--	--	--	--	--	--	--	--	--	
8/1/1994	--	169.75	24.11	--	145.29	--	--	--	--	--	--	--	--	--	
12/23/1994	--	169.75	18.19	--	151.27	--	--	--	--	--	--	--	--	--	
1/26/1995	--	169.75	16.25	--	152.4	--	--	--	--	--	--	--	--	--	
6/8/1995	--	169.75	22.92	--	145.63	--	--	--	--	--	--	--	--	--	
8/22/1995	--	169.75	24.45	--	144.45	--	--	--	--	--	--	--	--	--	
10/27/1995	--	169.75	25.41	--	143.65	--	--	--	--	--	--	--	--	--	
1/25/1996	--	169.75	18.2	--	150.15	--	--	--	--	--	--	--	--	--	
4/19/1996	--	169.75	19.06	--	149.47	--	--	--	--	--	--	--	--	--	
7/23/1996	--	169.75	22.98	--	145.88	--	--	--	--	--	--	--	--	--	
11/11/1996	--	169.75	23.99	--	144.78	--	--	--	--	--	--	--	--	--	
1/21/1997	--	169.75	16.8	--	152.05	--	--	--	--	--	--	--	--	--	
4/29/1997	--	169.75	21.9	--	147	--	--	--	--	--	--	--	--	--	
4/30/1997	--	169.75	--	--	--	92,000	3,500	8,100	4,400	23,800	6,900	--	--	--	c
4/30/1997	--	169.75		--		100,000	3,600	8,000	4,000	21,300	7,700	5.2	--	--	
8/21/1997	--	169.75	23.4	--	145.48	140,000	3,000	8,500	3,900	22,100	5,700	5.3	--	--	
8/21/1997	--	169.75	--	--	--	120,000	3,200	8,100	3,800	19,600	5,200	--	--	--	c

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-1 Cont.															
11/5/1997	--	169.75	23.7	--	145.51	68,000	6,200	4,400	3,300	14,300	8,000	4.7	--	--	
11/5/1997	--	169.75	--	--	--	88,000	7,300	4,800	3,600	16,900	8,200	--	--	--	c
2/3/1998	--	169.75	13.63	--	155.8	--	--	--	--	--	--	--	--	--	
2/4/1998	--	169.75	--	--	--	190,000	2,200	10,000	5,600	32,000	<10000	5.3	--	--	
2/4/1998	--	169.75	--	--	--	160,000	2,300	8,400	5,000	29,400	<10000	--	--	--	c
5/28/1998	--	169.75	18.03	--	151.55	87,000	980	3,900	3,600	19,000	2,900	3.8	--	--	
12/30/1998	--	169.75	19.5	--	150.17	70,000	530	3,200	2,900	16,000	3,600	--	--	--	
2/2/1999	--	169.75	18.93	--	150.79	79,000	480	3,100	3,500	21,000	3,500	--	--	--	
5/10/1999	--	169.75	18.28	--	151.44	110,000	160	1,900	3,700	24,000	3,000	--	--	--	
8/24/1999	--	169.75	20.13	--	149.56	110,000	850	1,300	1,900	19,000	<50	--	--	--	
11/3/1999	--	169.75	22.27	--	147.12	65,000	6,300	1,100	3,300	9,500	8,900	--	--	--	
3/1/2000	--	169.75	14.79	--	154.73	--	--	--	--	--	--	--	--	--	h
4/21/2000	--	169.75	18.1	--	151.32	61,000	330	780	2,700	17,000	1,300	--	--	--	
7/31/2000	--	169.75	21.6	--	147.62	1,500,000	340	2,100	24,000	120,000	2,700	--	--	--	
11/20/2000	--	169.75	21.69	--	147.69	1,700,000	1,800	2,300	19,000	93,000	3,900	--	--	--	
2/18/2001	--	169.75	16.7	--	152.92	--	--	--	--	--	--	--	--	--	
2/26/2001	--	169.75	14.38	--	155.22	100,000	658	466	4,210	15,000	1,890	--	--	--	
6/7/2001	--	169.75	20.78	--	148.97	70,000	705	440	3,870	12,200	2,720	--	--	--	
9/5/2001	--	169.75	23.36	--	146.04	--	--	--	--	--	--	--	--	--	j
11/30/2001	--	169.75	20.85	--	148.49	--	--	--	--	--	--	--	--	--	k
12/6/2001	--	169.75	18.72	--	150.76	39,000	3,500	237	2,150	4,500	5,400	--	--	--	
2/20/2002	--	169.75	17.43	--	152.17	52,000	465	271	1,600	11,400	106	--	--	--	
6/20/2002	--	169.75	21.18	--	148.23	--	--	--	--	--	--	--	--	--	j
9/11/2002	--	169.75	22.86	--	146.49	--	--	--	--	--	--	--	--	--	j
11/12/2002	--	169.75	22.65	--	146.73	--	--	--	--	--	--	--	--	--	j
1/29/2003	--	169.75	18.15	--	151.3	--	--	--	--	--	--	--	--	--	j,n
5/22/2003	--	169.75	18.49	--	151.06	--	--	--	--	--	--	--	--	--	j
6/24/2003	--	169.75	21.44	--	147.96	--	--	--	--	--	--	--	--	--	o
7/28/2003	--	169.75	22.72	--	146.68	--	--	--	--	--	--	--	--	--	j
8/12/2003	--	169.75	22.64	--	146.88	--	--	--	--	--	--	--	--	--	o
9/12/2003	--	169.75	20.7	--	148.81	--	--	--	--	--	--	--	--	--	o

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-1 Cont.															
11/18/2003	NP	169.75	21.70	--	148.25	--	--	--	--	--	--	--	--	--	
02/23/2004	NP	169.75	16.34	--	153.48	--	--	--	--	--	--	--	--	--	
05/04/2004	NP	169.75	21.28	--	148.60	--	--	--	--	--	--	--	--	--	
08/04/2004	--	169.75	22.54	--	147.29	--	--	--	--	--	--	--	--	--	
09/22/2004	NP	169.75	22.76	--	147.15	--	--	--	--	--	--	--	--	--	
11/10/2004	--	169.75	20.19	--	149.67	--	--	--	--	--	--	--	--	--	
01/13/2005	--	169.75	14.58	--	155.19	--	--	--	--	--	--	--	--	--	
02/15/2005	--	169.75	16.13	--	153.65	--	--	--	--	--	--	--	--	--	
03/07/2005	--	169.75	13.31	--	156.45	--	--	--	--	--	--	--	--	--	
05/16/2005	--	169.75	15.74	--	154.03	--	--	--	--	--	--	--	--	--	j
08/17/2005	--	169.75	21.15	--	148.66	--	--	--	--	--	--	--	--	--	j
11/18/2005	--	169.75	20.15	--	149.65	--	--	--	--	--	--	--	--	--	j
02/07/2006	--	169.75	15.19	--	154.57	--	--	--	--	--	--	--	--	--	j
5/19/2006	P	169.75	17.42	--	152.33	44,000	73	510	3,300	5,300	86	--	SEQM	6.9	u, t
8/23/2006	--	**169.75**	**22.01**	**0.14**	**147.74**	--	--	--	--	--	--	--	--	--	
MW-2															
7/9/1990	--	168.14		--		--	--	--	--	--	--	--	--	--	
12/21/1990	--	168.14		--		--	--	--	--	--	--	--	--	--	
3/7/1991	--	168.14	19.18	--		--	--	--	--	--	--	--	--	--	
4/1/1991	--	168.14	15.21	--	152.83	--	--	--	--	--	--	--	--	--	
6/27/1991	--	168.14		--		--	--	--	--	--	--	--	--	--	
9/27/1991	--	168.14		--		--	--	--	--	--	--	--	--	--	
12/18/1991	--	168.14		--		--	--	--	--	--	--	--	--	--	
7/3/1992	--	168.14	20.93	--	147.18	--	--	--	--	--	--	--	--	--	
10/5/1992	--	168.14	22.74	--	145.19	--	--	--	--	--	--	--	--	--	
1/13/1993	--	168.14	15.55	--	152.57	--	--	--	--	--	--	--	--	--	
4/23/1993	--	168.14	16.54	--	151.39	--	--	--	--	--	--	--	--	--	
7/12/1993	--	168.14	20.46	--	147.62	--	--	--	--	--	--	--	--	--	
10/21/1993	--	168.14	24.91	--	142.92	--	--	--	--	--	--	--	--	--	
1/21/1994	--	168.14	21.2	--	146.94	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)			
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO	Lab	pH	Comments
MW-2 Cont.															
4/20/1994	--	168.14	22.44	--	145.7	1,800	140	370	54	290	24	1.7	--	--	i
8/1/1994	--	168.14	22.24	--	145.86	--	--	--	--	--	--	--	--	--	
12/23/1994	--	168.14	16.25	--	151.86	--	--	--	--	--	--	--	--	--	
1/26/1995	--	168.14	14.55	--	153.2	--	--	--	--	--	--	--	--	--	
6/8/1995	--	168.14	21.18	--	146.53	--	--	--	--	--	--	--	--	--	
8/22/1995	--	168.14	22.76	--	145.02	--	--	--	--	--	--	--	--	--	
10/27/1995	--	168.14	23.61	--	144.23	--	--	--	--	--	--	--	--	--	
1/25/1996	--	168.14	15.95	--	152.04	--	--	--	--	--	--	--	--	--	
4/19/1996	--	168.14	17.33	--	150.74	--	--	--	--	--	--	--	--	--	
7/23/1996	--	168.14	21.25	--	146.84	--	--	--	--	--	--	--	--	--	
11/11/1996	--	168.14	22.27	--	145.86	--	--	--	--	--	--	--	--	--	
1/21/1997	--	168.14	15.19	--	152.94	--	--	--	--	--	--	--	--	--	
4/29/1997	--	168.14	20.22	--	147.91	--	--	--	--	--	--	--	--	--	
4/30/1997	--	168.14		--		130,000	4,600	15,000	6,000	37,000	<5000	5	--	--	
8/21/1997	--	168.14	21.74	--	146.39	110,000	6,000	16,000	4,700	28,000	<500	4.6	--	--	
11/5/1997	--	168.14	21.61	--	146.52	120,000	7,800	18,000	4,900	28,100	<2500	4.6	--	--	
2/3/1998	--	168.14	11.51	--	156.63	75,000	590	1,500	1,800	12,800	<2500	4.5	--	--	
5/28/1998	--	168.14	16.51	--	151.63	79,000	3,900	3,100	3,100	18,000	900	4.3	--	--	
12/30/1998	--	168.14	17.7	--	150.44	95,000	4,700	3,500	3,700	21,000	<250	--	--	--	
2/2/1999	--	168.14	15.46	--	152.68	170,000	3,500	1,500	5,200	34,000	<500	--	--	--	
5/10/1999	--	168.14	16.52	--	151.62	84,000	3,200	3,200	3,700	20,000	75	--	--	--	
8/24/1999	--	168.14	20.73	--	147.41	130,000	9,100	9,200	4,700	27,000	<250	--	--	--	
11/3/1999	--	168.14	20.93	--	147.21	120,000	10,000	21,000	4,700	30,200	2,200	--	--	--	
3/1/2000	--	168.14	13.37	--	154.77	39,000	1,400	1,500	1,700	8,100	44	--	--	--	
4/21/2000	--	168.14	16.59	--	151.55	68,000	3,300	2,500	3,100	20,000	260	--	--	--	
7/31/2000	--	168.14	16.37	--	151.77	99,000	5,600	1,400	4,300	22,000	490	--	--	--	
11/20/2000	--	168.14	19.71	--	148.43	37,000	5,100	1,500	1,300	4,800	2,800	--	--	--	
2/18/2001	--	168.14	15.29	--	152.85	54,000	5,020	3,880	2,850	15,400	1,010	--	--	--	
6/7/2001	--	168.14	19.43	--	148.71	110,000	7,240	4,380	4,160	22,100	567	--	--	--	
9/5/2001	--	168.14	22.44	--	145.7	69,000	5,750	5,790	2,770	14,200	1,510	--	--	--	
11/30/2001	--	168.14	19.58	--	148.56	120,000	7,270	6,540	4,590	23,000	794	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-2 Cont.															
2/20/2002	--	168.14	16.39	--	151.75	56,000	2,410	2,270	2,910	14,300	160	--	--	--	
6/20/2002	--	168.14	19.77	--	148.37	86,000	7,310	6,490	3,080	14,600	659	--	--	--	
9/11/2002	--	168.14	21.6	--	146.54	130,000	7,600	13,000	5,400	30,000	<5000	--	--	--	
11/12/2002	--	168.14	21.34	--	146.8	46,000	4,100	4,300	1,900	10,000	1,900	--	--	--	t
1/29/2003	--	168.14	16.8	--	151.34	77,000	4,700	2,600	2,800	13,000	820	--	--	--	n,t
5/22/2003	--	168.14	17.15	--	150.99	52,000	6,400	2,600	1,800	7,400	1,000	--	--	--	t
7/28/2003	--	168.14	21.47	--	146.67	31,000	6,900	5,500	2,200	12,000	1,700	--	--	--	p
11/18/2003	P	168.14	20.50	--	147.64	23,000	3,300	800	500	2,000	500	--	SEQM	6.6	
02/23/2004	P	168.14	14.77	--	153.37	84,000	14,000	6,200	3,100	14,000	790	--	SEQM	6.6	t
05/04/2004	P	168.14	20.09	--	148.05	120,000	15,000	17,000	4,900	24,000	780	--	SEQM	6.6	t
08/04/2004	P	168.14	21.39	--	146.75	38,000	9,100	3,300	1,900	5,800	430	--	SEQM	6.69	t
11/10/2004	P	168.14	18.98	--	149.16	22,000	4,400	2,000	940	3,600	310	--	SEQM	7.5	
02/15/2005	P	168.14	15.62	--	152.52	67,000	11,000	4,200	3,000	11,000	690	--	SEQM	7.1	t
05/16/2005	P	168.14	14.71	--	153.43	94,000	11,000	7,600	4,100	17,000	560	--	SEQM	6.5	
08/17/2005	P	168.14	20.00	--	148.14	110,000	13,000	8,000	4,300	18,000	480	--	SEQM	6.6	
11/18/2005	P	168.14	20.89	--	147.25	37,000	11,000	2,400	1,500	4,600	340	--	SEQM	6.6	
02/07/2006	P	168.14	13.31	--	154.83	74,000	8,900	5,800	3,600	14,000	440	--	SEQM	6.7	
5/19/2006	P	168.14	16.30	--	151.84	78,000	11,000	3,700	4,500	14,000	430	--	SEQM	6.6	t
8/23/2006	**P**	**168.14**	**20.83**	**--**	**147.31**	**100,000**	**12,000**	**9,100**	**5,800**	**25,000**	**480**	**--**	**TAMC**	**6.6**	
MW-3															
7/9/1990	--	167.17		--		140	5.3	4.6	2	3.8	--	--	--	--	
12/21/1990	--	167.17		--		0.19	100	6	0.9	27	--	--	--	--	
3/7/1991	--	167.17	17.4	--	149.77	0.4	69	22	6.1	57	--	--	--	--	
4/1/1991	--	167.17	13.69	--	153.48	--	--	--	--	--	--	--	--	--	
6/27/1991	--	167.17		--		380	28	26	13	46	--	--	--	--	
9/27/1991	--	167.17		--		0.07	7.9	--	0.4	1.1	--	--	--	--	
12/18/1991	--	167.17		--		0.26	34	24	0.8	28	--	--	--	--	
7/3/1992	--	167.17	19.59	--	147.58	71	9.4	0.9	5	13	--	--	--	--	
10/5/1992	--	167.17	--	--	--	<50	2.2	<0.5	1.5	2.8	--	--	--	--	c
10/5/1992	--	167.17	21.22	--	145.95	67	5.1	1.1	6.1	8.1	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)			
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO	Lab	pH	Comments
MW-3 Cont.															
1/13/1993	--	167.17	13.63	--	153.54	830	50	34	42	89	--	--	--	--	i
4/23/1993	--	167.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	c,i
4/23/1993	--	167.17	15.02	--	152.15	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
7/12/1993	--	167.17	19.16	--	148.01	250	12	4.2	12	16	<5.0	--	--	--	i
10/21/1993	--	167.17	--	--	--	65	7.4	1	6.9	4.2	--	--	--	--	c
10/21/1993	--	167.17	21.81	--	145.36	52	4.4	1.4	4.7	3.3	<5.0	--	--	--	i
1/21/1994	--	167.17	19.94	--	147.23	57	3	3.4	3.6	9	<5.0	--	--	--	i
4/20/1994	--	167.17	20.24	--	146.93	600	26	23	33	88	28.7	1.8	--	--	i
8/1/1994	--	167.17	--	--	--	120	7.7	1.6	5.9	6.7	5.43	--	--	--	c,i
8/1/1994	--	167.17	20.74	--	146.43	99	6.2	1.1	4.5	5.2	<5.0	1.4	--	--	i
12/23/1994	--	167.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	c
12/23/1994	--	167.17	14.7	--	152.47	<50	<0.5	0.78	<0.5	<0.5	9.8	1.7	--	--	i
1/26/1995	--	167.17	12.89	--	154.28	190	16	0.5	35	24	--	6.6	--	--	d
6/8/1995	--	167.17	19.95	--	147.22	330	21	4	34	32	--	7	--	--	
8/22/1995	--	167.17	21.41	--	145.76	150	14	<0.50	<0.50	1.6	<5.0	6.6	--	--	d
10/27/1995	--	167.17	22.43	--	144.74	--	--	--	--	--	--	--	--	--	
10/30/1995	--	167.17		--		51	2.4	<0.50	<0.50	<1.0	<5.0	6.9	--	--	
1/25/1996	--	167.17	14.03	--	153.14	<50	<0.50	<0.50	<0.50	<1.0	5.1	--	--	--	
4/19/1996	--	167.17	15.26	--	151.91	460	55	4	33	63	<10	9.4	--	--	
7/23/1996	--	167.17	19.19	--	147.98	<50	<0.5	<0.5	<0.5	<0.5	<10	9.2	--	--	
11/11/1996	--	167.17	20.24	--	146.93	<250	<2.5	<5.0	<5.0	<5.0	<50	8.4	--	--	
1/21/1997	--	167.17	13.09	--	154.08	<50	<0.5	<1.0	<1.0	<1.0	<10	5.4	--	--	
4/29/1997	--	167.17	18.14	--	149.03	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	--	--	
8/21/1997	--	167.17	19.64	--	147.53	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9	--	--	
11/5/1997	--	167.17	19.95	--	147.22	<250	<2.5	<5.0	<5.0	<5.0	<50	4.5	--	--	
2/3/1998	--	167.17	10.57	--	156.6	<50	<0.50	<1.0	<1.0	<1.0	<10	4.7	--	--	
5/28/1998	--	167.17	14.65	--	152.52	330	<2.5	<5.0	<5.0	<5.0	<50	4.2	--	--	
12/30/1998	--	167.17	16.63	--	150.54	--	--	--	--	--	--	--	--	--	
2/2/1999	--	167.17	13.12	--	154.05	<250	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	
5/10/1999	--	167.17	14.21	--	152.96	--	--	--	--	--	--	--	--	--	
8/24/1999	--	167.17	14.36	--	152.81	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-3 Cont.															
11/3/1999	--	167.17	19.21	--	147.96	--	--	--	--	--	--	--	--	--	
3/1/2000	--	167.17	15.17	--	152	<50	<0.5	0.57	<0.5	0.62	<0.5	--	--	--	
4/21/2000	--	167.17	14.88	--	152.29	--	--	--	--	--	--	--	--	--	
7/31/2000	--	167.17	15.29	--	151.88	--	--	--	--	--	--	--	--	--	
11/20/2000	--	167.17	17.31	--	149.86	--	--	--	--	--	--	--	--	--	
2/18/2001	--	167.17	12.85	--	154.32	160	1.95	1.31	10.2	9.09	1	--	--	--	
6/7/2001	--	167.17	18	--	149.17	--	--	--	--	--	--	--	--	--	
9/5/2001	--	167.17	20.32	--	146.85	--	--	--	--	--	--	--	--	--	
11/30/2001	--	167.17	16.94	--	150.23	--	--	--	--	--	--	--	--	--	
2/20/2002	--	167.17	14.84	--	152.33	86	<0.5	0.845	6.58	5.75	<0.5	--	--	--	
6/20/2002	--	167.17	18.4	--	148.77	--	--	--	--	--	--	--	--	--	
9/11/2002	--	167.17	20.06	--	147.11	--	--	--	--	--	--	--	--	--	
11/12/2002	--	167.17	19.84	--	147.33	--	--	--	--	--	--	--	--	--	
1/27/2003	--	167.17	14.83	--	152.34	850	20	9.7	24	45	0.76	--	--	--	n
5/22/2003	--	167.17	15.6	--	151.57	--	--	--	--	--	--	--	--	--	
7/28/2003	--	167.17	20.12	--	147.05	--	--	--	--	--	--	--	--	--	p
11/18/2003	--	167.17	19.15	--	148.02	--	--	--	--	--	--	--	--	--	
02/23/2004	--	167.17	13.53	--	153.64	160	<0.50	1.1	9.6	12	<0.50	--	SEQM	6.7	
05/04/2004	--	167.17	18.61	--	148.56	--	--	--	--	--	--	--	--	--	
08/04/2004	--	167.17	19.21	--	147.96	--	--	--	--	--	--	--	--	--	
11/10/2004	--	167.17	17.48	--	149.69	--	--	--	--	--	--	--	--	--	
02/15/2005	P	167.17	14.31	--	152.86	500	7.8	1.8	9.2	9.6	1.7	--	SEQM	7.5	
05/16/2005	--	167.17	13.11	--	154.06	--	--	--	--	--	--	--	--	--	
08/17/2005	--	167.17	18.53	--	148.64	--	--	--	--	--	--	--	--	--	
11/18/2005	--	167.17	19.34	--	147.83	--	--	--	--	--	--	--	--	--	
02/07/2006	P	167.17	11.64	--	155.53	65	<0.50	<0.50	1.4	2.3	<0.50	--	SEQM	7.1	
5/19/2006	--	167.17	14.88	--	152.29	--	--	--	--	--	--	--	--	--	
8/23/2006	**--**	**167.17**	**19.43**	**--**	**147.74**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-4															
7/9/1990	--	170.36		--		--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)			
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO	Lab	pH	Comments
MW-4 Cont.															
12/21/1990	--	170.36		--		--	--	--	--	0.8	--	--	--	--	
3/7/1991	--	170.36	20.72	--	149.64	--	2.2	3.8	1.5	2.8	--	--	--	--	
4/1/1991	--	170.36	17.49	--	152.87	--	--	--	--	--	--	--	--	--	
6/27/1991	--	170.36		--		--	6.3	1.8	0.4	1	--	--	--	--	
9/27/1991	--	170.36		--		--	--	--	--	--	--	--	--	--	
12/18/1991	--	170.36		--		--	--	--	--	--	--	--	--	--	
7/3/1992	--	170.36	22.16	--	148.2	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
10/5/1992	--	170.36	23.38	--	146.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
1/13/1993	--	170.36	17.58	--	152.78	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
4/23/1993	--	170.36	15.72	--	154.64	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
7/12/1993	--	170.36	21.74	--	148.62	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
10/21/1993	--	170.36	23.84	--	146.52	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
1/21/1994	--	170.36	22.42	--	147.94	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
4/20/1994	--	170.36	22.66	--	147.7	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.2	--	--	i
8/1/1994	--	170.36	23.01	--	147.35	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.9	--	--	i
12/23/1994	--	170.36	17.03	--	153.33	--	--	--	--	--	--	--	--	--	
1/26/1995	--	170.36	17.42	--	152.94	<50	<0.5	<0.5	<0.5	<1	--	7.5	--	--	
6/8/1995	--	170.36	21.55	--	148.81	--	--	--	--	--	--	--	--	--	
8/22/1995	--	170.36	23.47	--	146.89	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.4	--	--	d
10/27/1995	--	170.36	24.5	--	145.86	--	--	--	--	--	--	--	--	--	
1/25/1996	--	170.36	18.74	--	151.62	<50	<0.50	<0.50	<0.50	<1.0	58	--	--	--	
4/19/1996	--	170.36	18.63	--	151.73	--	--	--	--	--	--	--	--	--	
7/23/1996	--	170.36	22.56	--	147.8	--	--	--	--	--	--	--	--	--	
11/11/1996	--	170.36	23.63	--	146.73	<50	<1.0	<1.0	<1.0	<1.0	34	8.2	--	--	
1/21/1997	--	170.36	16.59	--	153.77	--	--	--	--	--	--	--	--	--	
4/29/1997	--	170.36	21.43	--	148.93	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	--	--	
8/21/1997	--	170.36	22.91	--	147.45	--	--	--	--	--	--	--	--	--	
11/5/1997	--	170.36	22.34	--	148.02	60	<0.5	<1.0	<1.0	<1.0	76	4.9	--	--	
2/3/1998	--	170.36	12.26	--	158.1	--	--	--	--	--	--	--	--	--	
5/28/1998	--	170.36	18.5	--	151.86	70	<0.5	<1.0	<1.0	<1.0	160	4.2	--	--	
12/30/1998	--	170.36	19.69	--	150.67	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-4 Cont.															
2/2/1999	--	170.36	18.26	--	152.1	70	<1.0	<1.0	<1.0	<1.0	130	--	--	--	
5/10/1999	--	170.36	17.86	--	152.5	--	--	--	--	--	--	--	--	--	
8/24/1999	--	170.36	17.93	--	152.43	--	--	--	--	--	--	--	--	--	
11/3/1999	--	170.36	22.78	--	147.58	--	--	--	--	--	--	--	--	--	
3/1/2000	--	170.36	18.04	--	152.32	<50	<0.5	0.67	<0.5	0.7	110	--	--	--	
4/21/2000	--	170.36	17.36	--	153	--	--	--	--	--	--	--	--	--	
7/31/2000	--	170.36	17.83	--	152.53	--	--	--	--	--	--	--	--	--	
11/20/2000	--	170.36	18.91	--	151.45	--	--	--	--	--	--	--	--	--	
2/18/2001	--	170.36	17.72	--	152.64	88	<0.5	<0.5	<0.5	<0.5	97.3	--	--	--	
6/7/2001	--	170.36	20.23	--	150.13	--	--	--	--	--	--	--	--	--	
9/5/2001	--	170.36	22.76	--	147.6	--	--	--	--	--	--	--	--	--	
11/30/2001	--	170.36	21.3	--	149.06	--	--	--	--	--	--	--	--	--	
2/20/2002	--	170.36	19.32	--	151.04	76	<0.5	<0.5	<0.5	<1.0	81	--	--	--	
6/20/2002	--	170.36	20.71	--	149.65	--	--	--	--	--	--	--	--	--	
9/11/2002	--	170.36	22.22	--	148.14	--	--	--	--	--	--	--	--	--	
11/12/2002	--	170.36	22.22	--	148.14	--	--	--	--	--	--	--	--	--	
1/29/2003	--	170.36	19.8	--	150.56	100	<0.5	<0.5	<0.5	<0.5	66	--	--	--	n
5/22/2003	--	170.36	19.35	--	151.01	--	--	--	--	--	--	--	--	--	
7/28/2003	--	170.36	22.18	--	148.18	--	--	--	--	--	--	--	--	--	p
11/18/2003	--	170.36	21.65	--	148.71	--	--	--	--	--	--	--	--	--	
02/23/2004	P	170.36	17.53	--	152.83	75	<0.50	<0.50	<0.50	<0.50	65	--	SEQM	6.8	
05/04/2004	--	170.36	20.62	--	149.74	--	--	--	--	--	--	--	--	--	
08/04/2004	--	170.36	21.30	--	149.06	--	--	--	--	--	--	--	--	--	
11/10/2004	--	170.36	20.65	--	149.71	--	--	--	--	--	--	--	--	--	
02/15/2005	P	170.36	18.91	--	151.45	<50	<0.50	<0.50	<0.50	<0.50	62	--	SEQM	7.6	
05/16/2005	--	170.36	17.34	--	153.02	--	--	--	--	--	--	--	--	--	
08/17/2005	--	170.36	21.31	--	149.05	--	--	--	--	--	--	--	--	--	
11/18/2005	--	170.36	21.67	--	148.69	--	--	--	--	--	--	--	--	--	
02/07/2006	P	170.36	16.74	--	153.62	100	<0.50	<0.50	1.0	3.0	29	--	SEQM	6.8	
5/19/2006	--	170.36	18.22	--	152.14	--	--	--	--	--	--	--	--	--	
8/23/2006	--	**170.36**	**20.95**	--	**149.41**	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-4															
MW-5															
7/9/1990	--	165.14		--		280	200	210	46	290	--	--	--	--	
12/21/1990	--	165.14		--		0.69	300	34	8.4	39	--	--	--	--	
3/7/1991	--	165.14	16.6	--	148.54	--	17	0.9	0.7	1.6	--	--	--	--	
4/1/1991	--	165.14	11.99	--	153.15	800	250	54	11	60	--	--	--	--	
6/27/1991	--	165.14		--		330	120	10	12	8	--	--	--	--	
9/27/1991	--	165.14		--		0.73	230	16	20	22	--	--	--	--	
12/18/1991	--	165.14		--		--	--	--	--	--	--	--	--	--	
7/3/1992	--	165.14	18.65	--	146.49	150	36	<0.5	<0.5	1.1	--	--	--	--	
10/5/1992	--	165.14	20.32	--	144.82	270	79	4	1.7	2.9	--	--	--	--	
1/13/1993	--	165.14	13.03	--	152.11	180	59	6	1.8	7.6	--	--	--	--	i
4/23/1993	--	165.14	13.51	--	151.63	8,700	440	96	35	136	--	--	--	--	i
7/12/1993	--	165.14	18.06	--	147.08	250	57	2.9	2.1	6	<5.0	--	--	--	i
10/21/1993	--	165.14	20.41	--	144.73	210	82	1.5	<0.5	1.4	--	--	--	--	i
1/21/1994	--	165.14	18.86	--	146.28	110	36	1.2	<0.5	0.7	<5.0	--	--	--	i
4/20/1994	--	165.14	17.3	--	147.84	690	230	4.5	1.6	11	21.2	1.3	--	--	i
8/1/1994	--	165.14	17.53	--	147.61	170	44	1.6	0.9	2.7	<5.0	0.9	--	--	i
12/23/1994	--	165.14	11.63	--	153.51	630	180	1.9	0.66	1.9	7.81	1.4	--	--	i
1/26/1995	--	165.14	11.25	--	153.89	160	68	<0.5	<0.5	22	--	5.9	--	--	
6/8/1995	--	165.14	--	--	--	1,700	560	51	55	170	--	--	--	--	c
6/8/1995	--	165.14	16.8	--	148.34	2,000	630	58	61	180	--	6.5	--	--	
8/22/1995	--	165.14	19.02	--	146.12	3,700	1,100	18	27	59	<130	7.3	--	--	d
10/27/1995	--	165.14	20.94	--	144.2	--	--	--	--	--	--	--	--	--	
10/30/1995	--	165.14		--		6,500	2,200	55	180	270	<250	7.5	--	--	
1/25/1996	--	165.14	13.3	--	151.84	590	37	0.7	<0.50	<1.0	<5.0	--	--	--	
1/25/1996	--	165.14	--	--	--	540	37	0.66	<0.50	<1.0	<5.0	--	--	--	c
4/19/1996	--	165.14	13.63	--	151.51	1,500	470	38	49	210	<50	8.1	--	--	
7/23/1996	--	165.14	17.61	--	147.53	140	4.6	<0.5	<0.5	<0.5	<10	8	--	--	
11/11/1996	--	165.14	18.7	--	146.44	140	40	<1.0	<1.0	<1.0	<10	7.9	--	--	
1/21/1997	--	165.14	11.63	--	153.51	730	300	<5.0	7.8	26	<50	5	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-5 Cont.															
4/29/1997	--	165.14	16.74	--	148.4	340	530	<5.0	<5.0	<5.0	<50	4.8	--	--	
8/21/1997	--	165.14	18.26	--	146.88	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9	--	--	
11/5/1997	--	165.14	18.84	--	146.3	120	13	<1.0	<1.0	<1.0	<10	4.4	--	--	
2/3/1998	--	165.14	9.49	--	155.65	<50	<0.50	<1.0	<1.0	<1.0	<10	4.3	--	--	
5/28/1998	--	165.14	13.57	--	151.57	4,900	1,500	34	180	311	<10	4.1	--	--	
12/30/1998	--	165.14	14.65	--	150.49	--	--	--	--	--	--	--	--	--	
2/2/1999	--	165.14	12.56	--	152.58	100	<1.0	<1.0	<1.0	<1.0	9.1	--	--	--	
5/10/1999	--	165.14	13.36	--	151.78	--	--	--	--	--	--	--	--	--	
8/24/1999	--	165.14	13.5	--	151.64	--	--	--	--	--	--	--	--	--	
11/3/1999	--	165.14	18.48	--	146.66	--	--	--	--	--	--	--	--	--	
3/1/2000	--	165.14	9.59	--	155.55	<50	<0.5	0.58	<0.5	0.54	2.9	--	--	--	
4/21/2000	--	165.14	13.52	--	151.62	--	--	--	--	--	--	--	--	--	
7/31/2000	--	165.14	14.04	--	151.1	--	--	--	--	--	--	--	--	--	
11/20/2000	--	165.14	15.89	--	149.25	--	--	--	--	--	--	--	--	--	
2/18/2001	--	165.14	11.88	--	153.26	560	161	2.38	6.11	13	5.67	--	--	--	
6/7/2001	--	165.14	15.3	--	149.84	--	--	--	--	--	--	--	--	--	
9/5/2001	--	165.14	19.32	--	145.82	--	--	--	--	--	--	--	--	--	
11/30/2001	--	165.14	17.44	--	147.7	--	--	--	--	--	--	--	--	--	
2/20/2002	--	165.14	13.88	--	151.26	4,200	940	18.7	98.2	176	55.6	--	--	--	
6/20/2002	--	165.14	16.2	--	148.94	--	--	--	--	--	--	--	--	--	
9/11/2002	--	165.14	19.15	--	145.99	--	--	--	--	--	--	--	--	--	
11/12/2002	--	165.14	19.01	--	146.13	390	55	0.89	3.4	3.5	210	--	--	--	
1/29/2003	--	165.14	16.33	--	148.81	7,900	1,400	34	220	350	82	--	--	--	n
5/22/2003	--	165.14	14.35	--	150.79	9,900	2,300	91	400	690	<50	--	--	--	
7/28/2003	--	165.14	18.9	--	146.24	3,200	690	14	81	100	120	--	--	--	p
11/18/2003	--	165.14	--	--	--	--	--	--	--	--	--	--	--	--	Well inaccessible e, q
02/23/2004	P	165.14	12.21	--	152.93	7,500	1,500	100	190	350	100	--	SEQM	6.7	
05/04/2004	P	165.14	17.12	--	148.02	5,900	1,500	57	200	280	42	--	SEQM	6.6	
08/04/2004	P	165.14	19.05	--	146.09	<2,500	<25	<25	<25	<25	390	--	SEQM	6.69	
11/10/2004	P	165.14	16.95	--	148.19	870	80	<5.0	<5.0	<5.0	530	--	SEQM	7.5	
02/15/2005	P	165.14	12.75	--	152.39	1,600	330	8.0	37	67	260	--	SEQM	7.2	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO			
MW-5 Cont.															
05/16/2005	P	165.14	15.46	--	149.68	<500	<5.0	<5.0	<5.0	<5.0	370	--	SEQM	6.7	
08/17/2005	P	165.14	17.00	--	148.14	7,000	1,000	17	110	130	51	--	SEQM	6.6	
11/18/2005	P	165.14	18.33	--	146.81	1,900	91	<5.0	33	29	340	--	SEQM	7.3	
02/07/2006	P	165.14	10.27	--	154.87	2,100	590	9.6	86	110	200	--	SEQM	6.7	
5/19/2006	P	165.14	13.08	--	152.06	3,200	720	9.7	150	170	44	--	SEQM	6.8	
8/23/2006	**P**	**165.14**	**17.02**	**--**	**148.12**	**1,400**	**69**	**<5.0**	**20**	**24**	**230**	**--**	**TAMC**	**7.11**	
MW-6															
7/9/1990	--	165.4		--		--	--	--	--	--	--	--	--	--	
12/21/1990	--	165.4		--		0.17	2.6	7	4.9	26	--	--	--	--	
3/7/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
4/1/1991	--	165.4	11.79	--	153.61	--	--	--	--	--	--	--	--	--	
6/27/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
9/27/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
12/18/1991	--	165.4		--		--	1.3	22	--	2.7	--	--	--	--	
7/3/1992	--	165.4	17.77	--	147.63	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
10/5/1992	--	165.4	19.46	--	145.94	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
1/13/1993	--	165.4	11.34	--	154.06	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
4/23/1993	--	165.4	12.92	--	152.48	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
7/12/1993	--	165.4	17.36	--	148.04	<50	<0.5	<0.5	<0.5	0.7	<5.0	--	--	--	i
10/21/1993	--	165.4	19.98	--	145.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
1/21/1994	--	165.4	18.1	--	147.3	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
4/20/1994	--	165.4	18.68	--	146.72	<50	<0.5	<0.5	<0.5	<0.5	17.4	2	--	--	i
8/1/1994	--	165.4	18.9	--	146.5	<50	<0.5	<0.5	<0.5	<0.5	8.66	1.5	--	--	i
12/23/1994	--	165.4	12.94	--	152.46	--	--	--	--	--	--	--	--	--	
1/26/1995	--	165.4	10.46	--	154.94	<50	<0.5	<0.5	<0.5	<1	--	7.3	--	--	
6/8/1995	--	165.4	16.84	--	148.56	--	--	--	--	--	--	--	--	--	
8/22/1995	--	165.4	19.48	--	145.92	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.7	--	--	d
10/27/1995	--	165.4	20.39	--	145.01	--	--	--	--	--	--	--	--	--	
1/25/1996	--	165.4	12.24	--	153.16	<50	<0.50	<0.50	<0.50	<1.0	9.9	--	--	--	
4/19/1996	--	165.4	13.9	--	151.5	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-6 Cont.															
7/23/1996	--	165.4	17.83	--	147.57	--	--	--	--	--	--	--	--	--	
11/11/1996	--	165.4	18.9	--	146.5	<50	<0.5	<1.0	<1.0	<1.0	<10	7.7	--	--	
1/21/1997	--	165.4	11.97	--	153.43	--	--	--	--	--	--	--	--	--	
4/29/1997	--	165.4	17.04	--	148.36	<50	<0.5	<1.0	<1.0	<1.0	<10	4.5	--	--	
8/21/1997	--	165.4	18.58	--	146.82	--	--	--	--	--	--	--	--	--	
11/5/1997	--	165.4	19.17	--	146.23	70	<0.5	<1.0	<1.0	<1.0	85	4.3	--	--	
2/3/1998	--	165.4	9.87	--	155.53	--	--	--	--	--	--	--	--	--	
5/28/1998	--	165.4	13.38	--	152.02	<50	<0.5	<1.0	<1.0	<1.0	<10	3.7	--	--	
12/30/1998	--	165.4	14.45	--	150.95	--	--	--	--	--	--	--	--	--	
2/2/1999	--	165.4	18.29	--	147.11	--	--	--	--	--	--	--	--	--	
5/10/1999	--	165.4	17.49	--	147.91	--	--	--	--	--	--	--	--	--	
8/24/1999	--	165.4	17.61	--	147.79	--	--	--	--	--	--	--	--	--	
11/3/1999	--	165.4	16.26	--	149.14	--	--	--	--	--	--	--	--	--	
3/1/2000	--	165.4	17.43	--	147.97	--	--	--	--	--	--	--	--	--	
4/21/2000	--	165.4	13.32	--	152.08	--	--	--	--	--	--	--	--	--	
7/31/2000	--	165.4	13.46	--	151.94	--	--	--	--	--	--	--	--	--	
11/20/2000	--	165.4	14.78	--	150.62	--	--	--	--	--	--	--	--	--	
2/18/2001	--	165.4	11.33	--	154.07	--	--	--	--	--	--	--	--	--	
6/7/2001	--	165.4	16.36	--	149.04	--	--	--	--	--	--	--	--	--	
9/5/2001	--	165.4	18.61	--	146.79	--	--	--	--	--	--	--	--	--	
11/30/2001	--	165.4	15.2	--	150.2	--	--	--	--	--	--	--	--	--	
2/20/2002	--	165.4	12.74	--	152.66	--	--	--	--	--	--	--	--	--	
6/20/2002	--	165.4	16.68	--	148.72	--	--	--	--	--	--	--	--	--	
9/11/2002	--	165.4	18.38	--	147.02	--	--	--	--	--	--	--	--	--	
11/12/2002	--	165.4	18.78	--	146.62	--	--	--	--	--	--	--	--	--	
1/29/2003	--	165.4	14.45	--	150.95	--	--	--	--	--	--	--	--	--	n
5/22/2003	--	165.4	14.36	--	151.04	--	--	--	--	--	--	--	--	--	
7/28/2003	--	165.4	18.43	--	146.97	--	--	--	--	--	--	--	--	--	p
11/18/2003	--	165.40	17.48	--	147.92	--	--	--	--	--	--	--	--	--	
02/23/2004	--	165.40	11.54	--	153.86	--	--	--	--	--	--	--	--	--	
05/04/2004	--	165.40	16.58	--	148.82	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-6 Cont.															
08/04/2004	--	165.40	18.12	--	147.28	--	--	--	--	--	--	--	--	--	
11/10/2004	--	165.40	15.75	--	149.65	--	--	--	--	--	--	--	--	--	
02/15/2005	--	165.40	12.50	--	152.90	--	--	--	--	--	--	--	--	--	
05/16/2005	P	165.40	11.51	--	153.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
08/17/2005	--	165.40	16.85	--	148.55	--	--	--	--	--	--	--	--	--	
11/18/2005	--	165.40	--	--	--	--	--	--	--	--	--	--	--	--	e
02/07/2006	P	165.40	9.93	--	155.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.1	
5/19/2006	--	165.4	--	--	--	--	--	--	--	--	--	--	--	--	e
8/23/2006	**--**	**165.40**	**16.35**	**--**	**149.05**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-7															
7/9/1990	--	167.61		--		--	--	--	--	--	--	--	--	--	
12/21/1990	--	167.61		--		--	--	--	--	--	--	--	--	--	
3/7/1991	--	167.61	19.04	--	148.57	--	--	0.4	0.3	2.4	--	--	--	--	
4/1/1991	--	167.61	15.18	--	152.43	--	--	--	--	--	--	--	--	--	
6/27/1991	--	167.61		--		70	17	4	0.8	2.2	--	--	--	--	
9/27/1991	--	167.61		--		--	0.4	--	--	0.4	--	--	--	--	
12/18/1991	--	167.61		--		--	0.7	2.9	0.8	3.3	--	--	--	--	
7/3/1992	--	167.61	20.28	--	147.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
10/5/1992	--	167.61	21.56	--	146.05	<50	<0.5	<0.5	<0.5	1.5	--	--	--	--	
1/13/1993	--	167.61	15.41	--	152.2	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
4/23/1993	--	167.61	15.84	--	151.77	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
7/12/1993	--	167.61	19.84	--	147.77	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
10/21/1993	--	167.61	21.61	--	146	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
1/21/1994	--	167.61	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	e
1/21/1994	--	167.61	20.49	--	147.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
4/20/1994	--	167.61	20.54	--	147.07	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.5	--	--	i
8/1/1994	--	167.61	20.99	--	146.62	<50	0.7	<0.5	<0.5	<0.5	<5.0	1.9	--	--	i
12/23/1994	--	167.61	15	--	152.61	--	--	--	--	--	--	--	--	--	
1/26/1995	--	167.61	14.69	--	152.92	<50	<0.5	<0.5	<0.5	<1	--	7	--	--	
6/8/1995	--	167.61	19.87	--	147.74	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-7 Cont.															
8/22/1995	--	167.61	21.49	--	146.12	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.4	--	--	d
10/27/1995	--	167.61	22.53	--	145.08	--	--	--	--	--	--	--	--	--	
1/25/1996	--	167.61	17.21	--	150.4	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	
4/19/1996	--	167.61	17.09	--	150.52	--	--	--	--	--	--	--	--	--	
7/23/1996	--	167.61	21.02	--	146.59	--	--	--	--	--	--	--	--	--	
11/11/1996	--	167.61	22.03	--	145.58	<50	<0.5	<1.0	<1.0	<1.0	<10	7.8	--	--	
1/21/1997	--	167.61	15.06	--	152.55	--	--	--	--	--	--	--	--	--	
4/29/1997	--	167.61	20.11	--	147.5	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	--	--	
8/21/1997	--	167.61	21.59	--	146.02	--	--	--	--	--	--	--	--	--	
11/5/1997	--	167.61	20.05	--	147.56	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	--	--	
2/3/1998	--	167.61	9.97	--	157.64	--	--	--	--	--	--	--	--	--	
5/28/1998	--	167.61	13.52	--	154.09	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	--	--	
12/30/1998	--	167.61	18.33	--	149.28	--	--	--	--	--	--	--	--	--	
2/2/1999	--	167.61	12.33	--	149.28	--	--	--	--	--	--	--	--	--	
5/10/1999	--	167.61	13.52	--	154.09	--	--	--	--	--	--	--	--	--	
8/24/1999	--	167.61	14.01	--	153.6	--	--	--	--	--	--	--	--	--	
11/3/1999	--	167.61	19.91	--	147.7	--	--	--	--	--	--	--	--	--	
3/1/2000	--	167.61	19.89	--	147.72	--	--	--	--	--	--	--	--	--	
4/21/2000	--	167.61	17.94	--	149.67	--	--	--	--	--	--	--	--	--	
7/31/2000	--	167.61	17.33	--	150.28	--	--	--	--	--	--	--	--	--	
11/20/2000	--	167.61	18.41	--	149.2	--	--	--	--	--	--	--	--	--	
2/18/2001	--	167.61	15.13	--	152.48	--	--	--	--	--	--	--	--	--	
6/7/2001	--	167.61	18.75	--	148.86	--	--	--	--	--	--	--	--	--	
9/5/2001	--	167.61	20.48	--	147.13	--	--	--	--	--	--	--	--	--	
11/30/2001	--	167.61	20.11	--	147.5	--	--	--	--	--	--	--	--	--	
2/20/2002	--	167.61	18.4	--	149.21	--	--	--	--	--	--	--	--	--	
6/20/2002	--	167.61	18.62	--	148.99	--	--	--	--	--	--	--	--	--	
9/11/2002	--	167.61	20.05	--	147.56	--	--	--	--	--	--	--	--	--	
11/12/2002	--	167.61	21.13	--	146.48	--	--	--	--	--	--	--	--	--	n
1/29/2003	--	167.61	19.1	--	148.51	--	--	--	--	--	--	--	--	--	
5/22/2003	--	167.61	18.83	--	148.78	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-7 Cont.															
7/28/2003	--	167.61	19.88	--	147.73	--	--	--	--	--	--	--	--	--	p
11/18/2003	--	167.61	20.50	--	147.11	--	--	--	--	--	--	--	--	--	
11/18/2003	--	168.08	20.50	--	147.58	--	--	--	--	--	--	--	--	--	
02/23/2004	--	168.08	15.92	--	152.16	--	--	--	--	--	--	--	--	--	
05/04/2004	--	168.08	18.86	--	149.22	--	--	--	--	--	--	--	--	--	
08/04/2004	--	168.08	19.10	--	148.98	--	--	--	--	--	--	--	--	--	
11/10/2004	--	168.08	20.25	--	147.83	--	--	--	--	--	--	--	--	--	
02/15/2005	--	168.08	16.37	--	151.71	--	--	--	--	--	--	--	--	--	
05/16/2005	--	168.08	--	--	--	--	--	--	--	--	--	--	--	--	e
08/17/2005	--	168.08	19.74	--	148.34	--	--	--	--	--	--	--	--	--	
11/18/2005	--	168.08	20.82	--	147.26	--	--	--	--	--	--	--	--	--	
02/07/2006	P	168.08	14.26	--	153.82	<500	<5.0	<5.0	<5.0	<5.0	270	--	SEQM	7.3	
5/19/2006	--	168.08	16.51	--	151.57	--	--	--	--	--	--	--	--	--	
8/23/2006	--	**168.08**	**20.30**	--	**147.78**	--	--	--	--	--	--	--	--	--	
MW-8															
3/7/1991	--	165.74	16.72	--	149.02	2.7	780	450	64	310	--	--	--	--	
4/1/1991	--	165.74	12.54	--	153.2	15,000	3,600	2,600	410	1,900	--	--	--	--	
6/27/1991	--	165.74		--		12,000	3,400	1,100	240	750	--	--	--	--	
9/27/1991	--	165.74		--		41	5,700	5,200	1,100	4,300	--	--	--	--	
12/18/1991	--	165.74		--		3.2	990	150	120	250	--	--	--	--	
7/3/1992	--	165.74	18.78	--	146.96	72,000	19,000	32,000	3,000	15,000	--	--	--	--	
10/5/1992	--	165.74	20.48	--	145.25	--	--	--	--	--	--	--	--	--	
1/13/1993	--	165.74	12.87	--	152.86	--	--	--	--	--	--	--	--	--	
4/23/1993	--	165.74	13.9	--	151.84	--	--	--	--	--	--	--	--	--	t
7/12/1993	--	165.74	18.3	--	147.44	--	--	--	--	--	--	--	--	--	t
10/21/1993	--	165.74	21.91	--	142.88	--	--	--	--	--	--	--	--	--	
1/21/1994	--	165.74	19.12	--	146.59	--	--	--	--	--	--	--	--	--	
4/20/1994	--	165.74	19.28	--	146.43	26,000	1,700	4,100	960	4,000	632	1.1	--	--	i
8/1/1994	--	165.74		--		--	--	--	--	--	--	--	--	--	
12/23/1994	--	165.74	13.81	--	151.9	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-8 Cont.															
1/26/1995	--	165.74		--		--	--	--	--	--	--	--	--	--	
6/8/1995	--	165.74	17.82	--	147.63	--	--	--	--	--	--	--	--	--	
8/22/1995	--	165.74	19.41	--	146.13	--	--	--	--	--	--	--	--	--	
10/27/1995	--	165.74	20.47	--	145.13	--	--	--	--	--	--	--	--	--	
1/25/1996	--	165.74	13.35	--	152.17	--	--	--	--	--	--	--	--	--	
4/19/1996	--	165.74	14.4	--	151.14	--	--	--	--	--	--	--	--	--	
7/23/1996	--	165.74	18.35	--	147.25	--	--	--	--	--	--	--	--	--	
11/11/1996	--	165.74	19.41	--	146.31	--	--	--	--	--	--	--	--	--	
1/21/1997	--	165.74	12.29	--	153.44	--	--	--	--	--	--	--	--	--	
4/29/1997	--	165.74		--		--	--	--	--	--	--	--	--	--	e
8/21/1997	--	165.74	19.61	--	146.13	240,000	1,100	9,300	4,100	31,100	<1000	5.2	--	--	
11/5/1997	--	165.74	19.45	--	146.19	57,000	790	2,700	2,300	15,200	<1000	5	--	--	
2/3/1998	--	165.74	9.33	--	156.38	--	--	--	--	--	--	--	--	--	
2/4/1998	--	165.74	--	--	--	94,000	570	1,500	2,100	15,200	<2500	5.5	--	--	
5/28/1998	--	165.74		--		--	--	--	--	--	--	--	--	--	e
12/30/1998	--	165.74	15.48	--	150.21	120,000	460	2,300	2,200	15,000	150	--	--	--	
2/2/1999	--	165.74	18.29	--	147.45	82,000	450	2,200	3,700	26,000	<500	--	--	--	
5/10/1999	--	165.74	15.62	--	150.12	28,000	740	1,800	1,100	5,800	<25	--	--	--	
8/24/1999	--	165.74	18.41	--	147.33	75,000	530	1,400	3,300	21,000	150	--	--	--	
11/3/1999	--	165.74	18.71	--	147.03	70,000	600	1,300	3,600	20,500	750	--	--	--	
3/1/2000	--	165.74	19.37	--	146.37	27,000	1,600	1,200	2,600	6,600	120	--	--	--	
4/21/2000	--	165.74		--		--	--	--	--	--	--	--	--	--	e
7/31/2000	--	165.74		--		--	--	--	--	--	--	--	--	--	e
11/20/2000	--	165.74	17.42	--	148.32	1,300,000	1,400	1,700	20,000	16,000	5,700	--	--	--	
2/18/2001	--	165.74		--		--	--	--	--	--	--	--	--	--	e
6/7/2001	--	165.74		--		--	--	--	--	--	--	--	--	--	e
9/5/2001	--	165.74	21.45	--	144.25	--	--	--	--	--	--	--	--	--	j
11/30/2001	--	165.74	18.31	--	147.43	--	--	--	--	--	--	--	--	--	h
12/6/2001	--	165.74		--		--	--	--	--	--	--	--	--	--	e
2/20/2002	--	165.74	14.02	--	151.72	20,000	163	114	403	3,810	80.4	--	--	--	
6/20/2002	--	165.74	17.56	--	148.18	28,000	466	141	962	5,850	2,520	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-8 Cont.															
9/11/2002	--	165.74	19.45	--	146.29	190,000	1,500	670	4,500	23,000	1,200	--	--	--	
11/12/2002	--	165.74	19.15	--	146.59	420	6.4	2.9	16	110	31	--	--	--	t
1/29/2003	--	165.74	15.02	--	150.72	200,000	810	<500	2,000	11,000	<500	--	--	--	n
5/22/2003	--	165.74	15.07	--	150.67	--	--	--	--	--	--	--	--	--	t
6/24/2003	--	165.74	17.95	--	147.79	43,000	860	300	2,100	9,600	46	--	--	--	
7/28/2003	--	165.74	19.45	--	146.29	62,000	690	230	1,800	15,000	2,100	--	--	--	
8/12/2003	--	165.74	19.4	--	146.34	--	--	--	--	--	--	--	--	--	o,t
9/12/2003	--	165.74	19.34	--	146.4	--	--	--	--	--	--	--	--	--	o
11/18/2003	P	165.74	18.80	--	146.94	8,800	500	37	530	930	1,700	--	SEQM	--	o,p
02/23/2004	P	165.74	12.82	--	152.92	32,000	840	360	1,000	7,100	110	--	SEQM	6.6	t
05/04/2004	P	165.74	18.87	--	146.87	42,000	570	230	1,700	8,400	2,000	--	SEQM	7.0	t
08/04/2004	--	165.74	19.37	--	146.41	--	--	--	--	--	--	--	--	--	
09/22/2004	NP	165.74	19.60	--	146.14	--	--	--	--	--	--	--	--	--	
11/10/2004	P	165.74	16.58	--	149.16	11,000	790	61	1,000	830	74	--	SEQM	7.3	t
02/15/2005	P	165.74	12.85	--	152.89	38,000	1,300	390	2,300	7,900	<50	--	SEQM	7.2	
05/16/2005	P	165.74	12.22	--	153.52	31,000	1,000	360	2,500	7,500	<50	--	SEQM	6.5	
08/17/2005	P	165.74	17.80	--	147.94	60,000	540	240	2,500	8,600	<50	--	SEQM	6.7	
11/18/2005	P	165.74	21.02	--	144.72	33,000	340	120	1,400	4,900	140	--	SEQM	6.9	
02/07/2006	P	165.74	10.73	--	155.01	5,700	94	27	260	820	7.5	--	SEQM	6.6	
5/19/2006	P	165.74	13.89	--	151.85	40,000	1,100	320	2,900	6,000	<25	--	SEQM	6.6	t
8/23/2006	**P**	**165.74**	**18.85**	--	**146.89**	**21,000**	**520**	**150**	**1,800**	**6,300**	**82**	--	**TAMC**	**7.35**	
MW-9															
3/7/1991	--	166.2	16.79	--	149.41	7.1	220	4	2.4	2,400	--	--	--	--	
4/1/1991	--	166.2	12.89	--	153.31	12,000	2,000	2,600	360	1,600	--	--	--	--	
6/27/1991	--	166.2		--		3,600	520	400	85	310	--	--	--	--	
9/27/1991	--	166.2		--		3.2	720	150	50	180	--	--	--	--	
12/18/1991	--	166.2		--		--	2.5	1.1	0.3	5.8	--	--	--	--	
7/3/1992	--	166.2	18.89	--	147.31	5,700	17,000	840	230	800	--	--	--	--	
10/5/1992	--	166.2	20.52	--	145.68	1,400	440	17	14	100	--	--	--	--	
1/13/1993	--	166.2	--	--	--	11,000	1,200	1,600	330	1,300	--	--	--	--	c,i

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-9 Cont.															
1/13/1993	--	166.2	12.92	--	153.28	11,000	1,200	1,700	340	1,400	--	--	--	--	i
4/23/1993	--	166.2	14.08	--	152.12	24,000	2,800	4,500	730	3,400	--	--	--	--	i
7/12/1993	--	166.2	--	--	--	10,000	1,200	900	310	1,200	--	--	--	--	c
7/12/1993	--	166.2	18.44	--	147.76	13,000	1,400	1,100	360	1,400	20.8	--	--	--	i
10/21/1993	--	166.2	21.81	--	143.5	--	--	--	--	--	--	--	--	--	
1/21/1994	--	166.2	19.28	--	146.92	--	--	--	--	--	--	--	--	--	
4/20/1994	--	166.2	--	--	--	45,000	2,700	6,800	1,200	8,200	740	--	--	--	c,d
4/20/1994	--	166.2	19.72	--	146.48	43,000	2,800	6,800	1,300	7,900	768	1.7	--	--	i
8/1/1994	--	166.2	20.18	--	145.97	--	--	--	--	--	--	--	--	--	
12/23/1994	--	166.2	14.22	--	151.96	--	--	--	--	--	--	--	--	--	
1/26/1995	--	166.2	11.85	--	154.22	--	--	--	--	--	--	--	--	--	
6/8/1995	--	166.2	18.33	--	147.87	--	--	--	--	--	--	--	--	--	
8/22/1995	--	166.2	19.95	--	146.24	--	--	--	--	--	--	--	--	--	
10/27/1995	--	166.2	20.88	--	145.31	--	--	--	--	--	--	--	--	--	
1/25/1996	--	166.2	13.84	--	152.29	--	--	--	--	--	--	--	--	--	
4/19/1996	--	166.2		--		--	--	--	--	--	--	--	--	--	e
7/23/1996	--	166.2	18.84	--	147.33	--	--	--	--	--	--	--	--	--	
11/11/1996	--	166.2	19.91	--	146.28	--	--	--	--	--	--	--	--	--	
1/21/1997	--	166.2	12.93	--	153.26	--	--	--	--	--	--	--	--	--	
4/29/1997	--	166.2	18.03	--	148.17	--	--	--	--	--	--	--	--	--	t
4/30/1997	--	166.2		--		78,000	1,900	3,600	3,100	20,600	<5000	5.5	--	--	
8/21/1997	--	166.2	19.56	--	146.63	110,000	2,100	3,400	2,300	18,800	<500	5.1	--	--	
11/5/1997	--	166.2	20.59	--	145.6	59,000	1,400	1,700	2,200	17,000	<500	4.5	--	--	
2/3/1998	--	166.2	10.56	--	155.64	55,000	490	1,200	1,400	10,200	<1000	4.9	--	--	
5/28/1998	--	166.2	--	--	--	53,000	290	830	1,400	10,500	<500	--	--	--	c
5/28/1998	--	166.2	14.21	--	151.98	41,000	250	1,200	1,500	11,400	<250	3.8	--	--	
12/30/1998	--	166.2	15.61	--	150.59	83,000	860	1,300	2,400	21,000	180	--	--	--	
2/2/1999	--	166.2	12.33	--	153.87	75,000	530	960	1,900	17,000	<50	--	--	--	
5/10/1999	--	166.2	15.67	--	150.53	22,000	600	1,500	1,100	4,400	72	--	--	--	
8/24/1999	--	166.2	19.1	--	147.1	85,000	850	1,300	1,700	20,000	<250	--	--	--	
11/3/1999	--	166.2	19.58	--	146.62	72,000	700	780	1,900	19,000	<5.0	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-9 Cont.															
3/1/2000	--	166.2	13.19	--	153.01	34,000	78	490	1,100	8,200	63	--	--	--	
4/21/2000	--	166.2	14.29	--	151.91	55,000	260	920	1,500	16,000	<5.0	--	--	--	
7/31/2000	--	166.2	15.01	--	151.19	1,200,000	1,500	6,300	15,000	120,000	1,600	--	--	--	
11/20/2000	--	166.2	18.23	--	147.97	320,000	3,500	19,000	5,000	40,000	3,900	--	--	--	
2/18/2001	--	166.2	13.14	--	153.06	32,000	290	417	1,180	10,400	121	--	--	--	
6/7/2001	--	166.2	17.41	--	148.79	96,000	421	704	2,330	17,300	223	--	--	--	
9/5/2001	--	166.2	20.56	--	145.64	39,000	445	323	1,240	8,940	310	--	--	--	
11/30/2001	--	166.2	17.42	--	148.78	60,000	310	586	1,890	14,200	285	--	--	--	
2/20/2002	--	166.2	13.87	--	152.33	14,000	64	122	897	2,650	293	--	--	--	
6/20/2002	--	166.2	18.22	--	147.98	29,000	307	168	1,100	5,670	208	--	--	--	
9/11/2002	--	166.2	20.27	--	145.93	230,000	1,400	680	3,600	23,000	<2500	--	--	--	
11/12/2002	--	166.2	19.4	--	146.8	840	5.8	3.6	28	160	21	--	--	--	t
1/29/2003	--	166.2	14.3	--	151.8	--	--	--	--	--	--	--	--	--	j,n
5/22/2003	--	166.2	15.16	--	151.04	23,000	260	<50	1,000	2,900	<50	--	--	--	t
6/24/2003	--	166.2		--		--	--	--	--	--	--	--	--	--	e
7/28/2003	--	166.2	19.55	--	146.65	1,500,000	<500	<500	9,800	79,000	<500	--	--	--	
8/12/2003	--	166.2	19.6	--	146.6	--	--	--	--	--	--	--	--	--	o,t
9/12/2003	--	166.2	19.6	--	146.6	--	--	--	--	--	--	--	--	--	o,t
11/18/2003	P	166.20	18.98	--	147.22	19,000	250	18	690	2,400	45	--	SEQM	6.8	o,p
02/23/2004	P	166.20	13.91	--	152.29	91,000	<250	440	2,200	13,000	<250	--	SEQM	6.8	t
05/04/2004	P	166.20	18.11	--	148.09	39,000	230	44	1,100	4,200	<25	--	SEQM	6.9	t
08/04/2004	--	166.20	18.90	--	147.32	--	--	--	--	--	--	--	--	--	
09/22/2004	NP	166.20	19.69	--	146.51	--	--	--	--	--	--	--	--	--	
11/10/2004	NP	166.20	16.95	--	149.25	31,000	300	<50	1,100	3,800	<50	--	SEQM	7.3	t
02/15/2005	P	166.20	12.95	--	153.25	19,000	200	<50	720	2,000	<50	--	SEQM	7.3	t
05/16/2005	P	166.20	12.53	--	153.67	17,000	99	15	770	2,500	<10	--	SEQM	6.7	
08/17/2005	P	166.20	18.03	--	148.17	28,000	160	26	1,000	2,700	<12	--	SEQM	6.8	
11/18/2005	P	166.20	19.04	--	147.16	12,000	98	<5.0	410	510	19	--	SEQM	7.1	
02/07/2006	P	166.20	10.95	--	155.25	18,000	110	8.7	770	1,500	<5.0	--	SEQM	6.9	t
5/19/2006	--	166.2	--	--	--	--	--	--	--	--	--	--	--	--	e
8/23/2006	**P**	**166.20**	**18.91**	**--**	**147.29**	**28,000**	**84**	**<50**	**1,600**	**6,200**	**<50**	**--**	**TAMC**	**7.3**	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-9															
MW-10															
3/7/1991	--	167.01	18.09	--	148.92	1.6	120	190	32	230	--	--	--	--	
4/1/1991	--	167.01	13.92	--	153.09	--	--	--	--	--	--	--	--	--	
6/27/1991	--	167.01		--		12,000	7,300	500	150	300	--	--	--	--	
9/27/1991	--	167.01		--		57	12,000	7,200	1,400	4,600	--	--	--	--	
12/18/1991	--	167.01		--		5.3	2,500	120	36	79	--	--	--	--	
7/3/1992	--	167.01	19.92	--	147.09	8,600	5,100	1,300	180	690	--	--	--	--	
10/5/1992	--	167.01	21.92	--	144.9	--	--	--	--	--	--	--	--	--	
1/13/1993	--	167.01	14.43	--	152.55	--	--	--	--	--	--	--	--	--	
4/23/1993	--	167.01	15.26	--	151.69	--	--	--	--	--	--	--	--	--	
7/12/1993	--	167.01	19.78	--	146.78	--	--	--	--	--	--	--	--	--	
10/21/1993	--	167.01	22.9	--	143.42	--	--	--	--	--	--	--	--	--	
1/21/1994	--	167.01	20.25	--	146.7	--	--	--	--	--	--	--	--	--	
4/20/1994	--	167.01	20.74	--	146.27	100,000	12,000	24,000	2,400	14,000	1,577	1	--	--	d,i
8/1/1994	--	167.01	22	--	144.73	--	--	--	--	--	--	--	--	--	
12/23/1994	--	167.01	16.08	--	150.68	--	--	--	--	--	--	--	--	--	
1/26/1995	--	167.01	13.68	--	152.53	--	--	--	--	--	--	--	--	--	
6/8/1995	--	167.01	19.08	--	147.93	--	--	--	--	--	--	--	--	--	
8/22/1995	--	167.01	20.73	--	145.58	--	--	--	--	--	--	--	--	--	
10/27/1995	--	167.01	21.69	--	144.69	--	--	--	--	--	--	--	--	--	
1/25/1996	--	167.01	15.05	--	151.15	--	--	--	--	--	--	--	--	--	
4/19/1996	--	167.01	16.26	--	150.17	--	--	--	--	--	--	--	--	--	
7/23/1996	--	167.01	20.18	--	146.21	--	--	--	--	--	--	--	--	--	
11/11/1996	--	167.01	21.2	--	145.61	--	--	--	--	--	--	--	--	--	
1/21/1997	--	167.01	13.66	--	153.21	--	--	--	--	--	--	--	--	--	
4/29/1997	--	167.01	18.71	--	148.09	--	--	--	--	--	--	--	--	--	
4/30/1997	--	167.01		--		170,000	9,700	38,000	4,700	30,500	<5000	5.6	--	--	
8/21/1997	--	167.01	20.19	--	146.68	170,000	9,500	35,000	4,300	27,100	<5000	5.3	--	--	
11/5/1997	--	167.01	20.52	--	146.47	80,000	3,800	12,000	2,700	15,700	<500	4.4	--	--	
2/3/1998	--	167.01	10.62	--	156.38	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-10 Cont.															
2/4/1998	--	167.01	--	--	--	72,000	500	1,300	1,700	12,000	<1000	5.1	--	--	
5/28/1998	--	167.01	15.46	--	151.55	220,000	3,200	24,000	5,200	43,000	<1000	4.8	--	--	
12/30/1998	--	167.01	16.65	--	150.36	110,000	3,500	14,000	5,800	50,000	<50	--	--	--	
2/2/1999	--	167.01	14.58	--	152.43	74,000	1,000	2,800	1,000	26,000	860	--	--	--	
5/10/1999	--	167.01	15.72	--	151.29	81,000	2,800	2,800	3,000	17,000	220	--	--	--	
8/24/1999	--	167.01	19.85	--	147.16	54,000	3,500	3,800	1,500	9,100	<250	--	--	--	
11/3/1999	--	167.01	20	--	147.01	30,000	3,000	3,500	1,200	5,000	31	--	--	--	
3/1/2000	--	167.01	14.62	--	152.39	62,000	320	1,200	1,100	26,000	4,400	--	--	--	
4/21/2000	--	167.01	15.46	--	151.55	88,000	2,700	7,400	3,700	35,000	2,400	--	--	--	
7/31/2000	--	167.01		--		--	--	--	--	--	--	--	--	--	e
11/20/2000	--	167.01	18.74	--	148.27	78,000	3,800	5,500	2,800	13,000	450	--	--	--	
2/18/2001	--	167.01	14.1	--	152.91	39,000	1,050	1,160	1,550	14,700	4,180	--	--	--	
6/7/2001	--	167.01	18.78	--	148.23	76,000	2,460	2,840	3,330	20,700	635	--	--	--	
9/5/2001	--	167.01	21.4	--	145.6	25,000	2,510	2,070	1,090	4,540	189	--	--	--	
11/30/2001	--	167.01	18.5	--	148.51	100,000	2,480	5,720	3,890	22,800	325	--	--	--	
2/20/2002	--	167.01	14.39	--	152.62	49,000	2,170	3,070	1,960	12,300	1,090	--	--	--	
6/20/2002	--	167.01	18.8	--	148.21	44,000	2,040	3,050	1,690	8,430	224	--	--	--	
9/11/2002	--	167.01	20.52	--	146.49	28,000	1,200	2,700	1,400	6,800	<250	--	--	--	
11/12/2002	--	167.01	20.37	--	146.57	--	--	--	--	--	--	--	--	--	j
1/29/2003	--	167.01	16.33	--	150.65	--	--	--	--	--	--	--	--	--	j,n
5/22/2003	--	167.01	16.32	--	150.69	13,000	2,100	850	630	1,600	300	--	--	--	t
6/24/2003	--	167.01	18.73	--	148.24	--	--	--	--	--	--	--	--	--	o
7/28/2003	--	167.01	20.39	--	146.58	--	--	--	--	--	--	--	--	--	j
8/12/2003	--	167.01	20.43	--	146.58	--	--	--	--	--	--	--	--	--	o,t
9/12/2003	--	167.01	20.41	--	146.6	--	--	--	--	--	--	--	--	--	o
11/18/2003	P	167.01	19.55	--	147.46	9,900	2,200	530	320	860	<50	--	SEQM	6.8	o,p
02/23/2004	P	167.01	15.45	--	151.56	46,000	1,900	2,000	1,800	9,000	180	--	SEQM	6.7	t
05/04/2004	P	167.01	18.81	--	148.20	35,000	3,100	3,600	1,400	5,600	<25	--	SEQM	7.1	t
08/04/2004	--	167.01	18.90	--	148.17	--	--	--	--	--	--	--	--	--	
09/22/2004	NP	167.01	20.60	--	146.41	--	--	--	--	--	--	--	--	--	
11/10/2004	P	167.01	17.95	--	149.06	9,800	470	91	450	1,700	230	--	SEQM	7.3	t

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-10 Cont.															
01/13/2005	--	167.01	12.21	--	154.81	--	--	--	--	--	--	--	--	--	
02/15/2005	P	167.01	14.19	--	152.82	30,000	510	330	1,800	7,200	77	--	SEQM	7.2	
05/16/2005	P	167.01	13.85	--	153.16	37,000	540	730	2,100	9,200	<50	--	SEQM	6.7	
08/17/2005	P	167.01	19.01	--	148.00	15,000	1,100	420	1,200	4,100	<50	--	SEQM	6.7	
11/18/2005	P	167.01	19.95	--	147.06	12,000	1,200	240	550	1,300	16	--	SEQM	6.8	
02/07/2006	P	167.01	12.28	--	154.73	22,000	340	580	1,300	4,500	73	--	SEQM	6.8	t
5/19/2006	P	167.01	15.12	--	151.89	40,000	690	430	2,600	4,900	<25	--	SEQM	6.9	t
8/23/2006	**P**	**167.01**	**20.00**	**--**	**147.01**	**13,000**	**1,500**	**540**	**1,200**	**3,000**	**<10**	**--**	**TAMC**	**6.97**	
QC-2															
10/5/1992	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
1/13/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f,i
4/23/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f,i
7/12/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
10/21/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
1/21/1994	--	168.01	--	--	--	<50	<0.5	2.1	<0.5	2.1	--	--	--	--	f
4/20/1994	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
12/23/1994	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
1/26/1995	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	f
6/8/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	f
8/22/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	d,f
10/30/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	f
1/25/1996	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	f
4/19/1996	--	168.01	--	--	--	<50	<0.5	<1	<1	<1	<10	--	--	--	f
RW-1															
7/9/1990	--	168.01		--		--	--	--	--	--	--	--	--	--	
12/21/1990	--	168.01		--		--	--	--	--	--	--	--	--	--	
3/7/1991	--	168.01	17.62	--	150.39	--	--	--	--	--	--	--	--	--	t
4/1/1991	--	168.01	14.4	--	153.5	--	--	--	--	--	--	--	--	--	
6/27/1991	--	168.01		--		--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
RW-1 Cont.															
9/27/1991	--	168.01		--		--	--	--	--	--	--	--	--	--	
12/18/1991	--	168.01		--		--	--	--	--	--	--	--	--	--	
7/3/1992	--	168.01	20.66	--	147.35	--	--	--	--	--	--	--	--	--	t
10/5/1992	--	168.01	23.34	--	144.59	--	--	--	--	--	--	--	--	--	
1/13/1993	--	168.01	16.59	--	151.37	--	--	--	--	--	--	--	--	--	
4/23/1993	--	168.01	16.17	--	151.66	--	--	--	--	--	--	--	--	--	
7/12/1993	--	168.01	20.18	--	147.77	--	--	--	--	--	--	--	--	--	
10/21/1993	--	168.01	25.7	--	141.75	--	--	--	--	--	--	--	--	--	
1/21/1994	--	168.01	21.24	--	146.37	--	--	--	--	--	--	--	--	--	
4/20/1994	--	168.01	32.2	--	135.81	--	--	--	--	--	--	--	--	--	
8/1/1994	--	168.01	21.7	--	146.31	29,000	580	950	300	7,800	1,200	1.1	--	--	d
12/23/1994	--	168.01	16.02	--	151.99	1,300	25	8.6	1.4	69	616	1.8	--	--	i
1/26/1995	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	c
1/26/1995	--	168.01	13.78	--	154.23	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	
6/8/1995	--	168.01	20.05	--	147.96	1,300	130	<1.0	<1.0	36	--	--	--	--	
8/22/1995	--	168.01	--	--	--	2,800	210	9.3	4.3	250	<25	--	--	--	c
8/22/1995	--	168.01	21.74	--	146.27	3,300	230	13	4.9	280	<25	6.6	--	--	d
10/27/1995	--	168.01	32	--	136.01	--	--	--	--	--	--	--	--	--	
10/30/1995	--	168.01		--		230	1.4	<1.0	<1.0	<2.0	650	6.9	--	--	
10/30/1995	--	168.01	--	--	--	240	1.6	<1.0	<1.0	<2.0	630	--	--	--	c
1/25/1996	--	168.01	15.41	--	152.6	15,000	3,400	930	330	2,500	5,300	--	--	--	
4/19/1996	--	168.01	--	--	--	33,000	5,600	3,200	1,700	8,800	15,000	--	--	--	c
4/19/1996	--	168.01	16.83	--	151.18	35,000	5,500	3,300	1,700	9,400	14,000	7.6	--	--	
7/23/1996	--	168.01	20.76	--	147.25	46,000	3,600	2,300	900	5,100	36,000	7.4	--	--	
7/23/1996	--	168.01	--	--	--	47,000	3,700	2,500	930	5,300	35,000	--	--	--	c
11/11/1996	--	168.01	21.73	--	146.28	34,000	3,000	1,200	880	4,600	22,000	8.3	--	--	
11/11/1996	--	168.01	--	--	--	31,000	2,900	1,000	860	4,600	22,000	--	--	--	c
1/21/1997	--	168.01	--	--	--	270	42	17	2.7	36	1,500	--	--	--	c
1/21/1997	--	168.01	14.2	--	153.81	260	40	16	2.7	34	1,500	6.1	--	--	
4/29/1997	--	168.01	19.15	--	148.86	32,000	3,100	590	1,300	6,000	46,000	5.3	--	--	
8/21/1997	--	168.01	20.67	--	147.34	7,600	730	58	370	1,780	9,500	4.7	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
RW-1 Cont.															
11/5/1997	--	168.01	21.01	--	147	39,000	2,300	86	1,300	3,840	56,000	4.5	--	--	
2/3/1998	--	168.01	10.68	--	157.33	3,400	31	11	29	161	3,200	5.1	--	--	
5/28/1998	--	168.01	15.55	--	152.46	2,000	90	15	60	305	2,700	4.3	--	--	
12/30/1998	--	168.01	17.35	--	150.66	--	--	--	--	--	--	--	--	--	
2/2/1999	--	168.01	14.58	--	153.43	82,000	2,300	120	2,000	3,200	51000/78000	--	--	--	g
5/10/1999	--	168.01	16	--	152.01	15,000	620	88	340	660	61,000	--	--	--	
8/24/1999	--	168.01	20	--	148.01	52,000	1,400	170	2,200	2,900	37,000	--	--	--	
11/3/1999	--	168.01	20.39	--	147.62	17,000	2,500	86	1,500	970	54,000	--	--	--	
3/1/2000	--	168.01	12.97	--	155.04	17,000	580	78	790	1,100	13,000	--	--	--	
4/21/2000	--	168.01	16.02	--	151.99	31,000	2,100	100	1,400	1,100	39,000	--	--	--	
7/31/2000	--	168.01	21.89	--	146.12	47,000	1,300	170	2,700	2,300	30,000	--	--	--	
11/20/2000	--	168.01	19.15	--	148.86	--	--	--	--	--	--	--	--	--	h
2/18/2001	--	168.01	15.35	--	152.66	14,000	589	89	600	712	13,000	--	--	--	
6/7/2001	--	168.01	19.09	--	148.92	28,000	1,140	68.2	504	530	19,100	--	--	--	
9/5/2001	--	168.01	22.06	--	145.93	--	--	--	--	--	--	--	--	--	j
11/30/2001	--	168.01	19.53	--	148.48	20,000	405	39.4	545	740	8,260	--	--	--	
2/20/2002	--	168.01	15.99	--	152.02	13,000	469	29	434	655	7,240	--	--	--	
6/20/2002	--	168.01	19.31	--		--	--	--	--	--	--	--	--	--	j,l
9/11/2002	--	168.01	21.07	--	146.91	--	--	--	--	--	--	--	--	--	j
11/12/2002	--	168.01	20.92	--	147.07	--	--	--	--	--	--	--	--	--	j
1/29/2003	--	168.01	16.31	--	151.66	--	--	--	--	--	--	--	--	--	j,n
5/22/2003	--	168.01	16.68	--	151.33	--	--	--	--	--	--	--	--	--	j,t
6/24/2003	--	168.01	19.76	--	148.18	--	--	--	--	--	--	--	--	--	o
7/28/2003	--	168.01	21.04	--	146.93	--	--	--	--	--	--	--	--	--	j
8/12/2003	--	168.01	21.41	--	146.6	--	--	--	--	--	--	--	--	--	o,t
9/12/2003	--	168.01	21.1	--	146.84	--	--	--	--	--	--	--	--	--	o
11/18/2003	P	168.01	20.10	--	147.91	12,000	770	<50	320	250	6,100	--	SEQM	6.6	o,p
02/23/2004	--	168.01	14.35	--	153.67	--	--	--	--	--	--	--	--	--	
05/04/2004	--	168.01	19.58	--	148.45	--	--	--	--	--	--	--	--	--	
08/04/2004	--	168.01	22.05	--	146.00	--	--	--	--	--	--	--	--	--	
09/22/2004	NP	168.01	21.28	--	146.78	--	--	--	--	--	--	--	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
RW-1 Cont.															
11/10/2004	--	168.01	18.56	--	149.47	--	--	--	--	--	--	--	--	--	
01/13/2005	--	168.01	12.51	--	155.51	--	--	--	--	--	--	--	--	--	
02/15/2005	--	168.01	15.24	--	152.79	--	--	--	--	--	--	--	--	--	
03/07/2005	--	168.01	11.90	--	156.13	--	--	--	--	--	--	--	--	--	
05/16/2005	--	168.01	14.39	--	153.64	--	--	--	--	--	--	--	--	--	j
08/17/2005	--	168.01	19.91	--	148.12	--	--	--	--	--	--	--	--	--	j
11/18/2005	--	168.01	20.36	--	147.71	--	--	--	--	--	--	--	--	--	b, j
02/07/2006	--	168.01	12.87	--	155.15	--	--	--	--	--	--	--	--	--	j
5/19/2006	--	168.01	15.87	--	152.17	--	--	--	--	--	--	--	--	--	b
8/23/2006	--	**168.01**	**20.50**	**0.07**	**147.51**	--	--	--	--	--	--	--	--	--	

SYMBOLS AND ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above specified laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = Feet below ground surface
ft MSL = Feet above mean sea level
GRO = Gasoline range organics
GWE = Groundwater elevation measured in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether
NP = Well not purged prior to sampling
P = Well purged prior to sampling
TOC = Top of casing measured in ft MSL
TPH-g = Total petroleum hydrocarbons as gasoline
µg/L = Micrograms per liter
SEQ/SEQM= Sequoia Analytical/Sequoia Analytical Morgan Hill (Laboratories)
SPH = Separate phase hydrocarbons

FOOTNOTES:
a = Casing elevations surveyed to the nearest 0.01 ft MSL.
b = GWE adjusted assuming a specific gravity of 0.75 for free product (FP).
c = Blind duplicate.
d = A copy of the documentation for this data is included in Appendix C of Alisto report 10-024-10-001.
e = Well inaccessible.
f = Travel blank.
g = EPA Methods 8020/8260 used.
h = Unable to sample.
i = A copy of the documentation for this data can be found in Blaine Tech Services report 010607-M-3. MTBE data for the January 13, 1993 and April 23, 1993 sampling events has been destroyed. No chromatograms could be located for MTBE data from wells MW-5, MW-6, and MW-7, sampled on October 21, 1993.
j = Well not sampled due to presence of SPH and nature of the product.
k = Could not purge and sample; waste drum full.
l = Value represents the depth to product. Unable to determine depth to water, product disabled the interface probe.
m = Discrete p[ak @ C6-7.
n = TPH-g, BTEX, and MTBE analyzed by EPA method 8260 B beginning on 1st quarter 2003 aampling event (1/29/03).
o = Groundwater samples are not collected during FP bailing event.
p = Well not included in the monthly FP bailing program.
q = Well not sampled in November 2003 due to the presence of a pile of gravel dumped over the well box.
r = This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
s = MW-7 TOC elevation raised +0.47 ft during well repair on January 20, 2004.
t = Sheen in well.

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

Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.

Values for DO and pH were obtained through field measurements.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 2. Summary of Fuel Additives Analytical Data

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-1									
5/19/2006	<6,000	<400	86	<10	<10	<10	<10	<10	
MW-2									
1/29/2003	<4000	<2000	820	<50	<50	<50	<50	<50	
5/22/2003	<10000	<2000	1,000	<50	<50	<50	--	--	
7/28/2003	<20000	<4000	1,700	<100	<100	<100	<100	<100	a
11/18/2003	<5,000	<1,000	500	<25	<25	<25	--	--	
02/23/2004	<25,000	<5,000	790	<120	<120	<120	<120	<120	
05/04/2004	<50,000	<10,000	780	<250	<250	<250	<250	<250	
08/04/2004	<50,000	<10,000	430	<250	<250	<250	<250	<250	
11/10/2004	<5,000	<1,000	310	<25	<25	<25	<25	<25	
02/15/2005	<20,000	<4,000	690	<100	<100	<100	<100	<100	
05/16/2005	<50,000	<10,000	560	<250	<250	<250	<250	<250	
08/17/2005	<20,000	<4,000	480	<100	<100	<100	<100	<100	
11/18/2005	<20,000	<4,000	340	<100	<100	<100	<100	<100	b
02/07/2006	<60,000	<4,000	440	<100	<100	<100	160	<100	
5/19/2006	<60,000	<4,000	430	<100	<100	<100	<100	<100	b
8/23/2006	**<60,000**	**<4,000**	**480**	**<100**	**<100**	**<100**	**<100**	**<100**	
MW-3									
1/29/2003	<40	<20	0.76	<50	<50	<50	<50	<50	
02/23/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
02/15/2005	<100	<20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
02/07/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-4									
1/29/2003	<40	<20	66	<0.50	<0.50	<0.50	<0.50	<0.50	
02/23/2004	<100	<20	65	<0.50	<0.50	<0.50	<0.50	<0.50	
02/15/2005	<100	<20	62	<0.50	<0.50	<0.50	<0.50	<0.50	
02/07/2006	<300	<20	29	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5									
1/29/2003	<400	<200	82	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 2. Summary of Fuel Additives Analytical Data

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-5 Cont.									
5/22/2003	<10000	<2000	<50	<50	<50	<50	--	--	
7/28/2003	<2000	<400	120	<10	<10	<10	<10	<10	
11/18/2003	--	--	--	--	--	--	--	--	Well inaccessible
02/23/2004	<5,000	<1,000	100	<25	<25	<25	38	<25	
05/04/2004	<5,000	<1,000	42	<25	<25	<25	<25	<25	
08/04/2004	<5,000	<1,000	390	<25	<25	<25	<25	<25	
11/10/2004	<1,000	<200	530	<5.0	<5.0	5.5	<5.0	<5.0	
02/15/2005	<1,000	<200	260	<5.0	<5.0	<5.0	<5.0	<5.0	
05/16/2005	<1,000	<200	370	<5.0	<5.0	<5.0	<5.0	<5.0	
08/17/2005	<1,000	<200	51	<5.0	<5.0	<5.0	<5.0	<5.0	
11/18/2005	<1,000	<200	340	<5.0	<5.0	<5.0	<5.0	<5.0	b
02/07/2006	<3,000	<200	200	<5.0	<5.0	<5.0	<5.0	<5.0	
5/19/2006	<3,000	<200	44	<5.0	<5.0	<5.0	<5.0	<5.0	b
8/23/2006	**<3,000**	**<200**	**230**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	
MW-6									
05/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
02/07/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-7									
02/07/2006	<3,000	<200	270	<5.0	<5.0	<5.0	<5.0	<5.0	
MW-8									
1/29/2003	<4000	<2000	<500	<50	<50	<50	<50	<50	
5/22/2003	<5000	<1000	--	<25	<25	<25	--	--	
7/28/2003	<20000	<4000	2,100	<100	<100	<100	<100	<100	
11/18/2003	<2,000	<400	1,700	<10	<10	20	--	--	a,b
02/23/2004	<10,000	<2,000	110	<50	<50	<50	<50	<50	
05/04/2004	<5,000	<1,000	2,000	<25	<25	33	<25	<25	
11/10/2004	<5,000	<1,000	74	<25	<25	<25	<25	<25	
02/15/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
05/16/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
08/17/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	

Table 2. Summary of Fuel Additives Analytical Data

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-8 Cont.									
11/18/2005	<10,000	<2,000	140	<50	<50	<50	<50	<50	b
02/07/2006	<3,000	<200	7.5	<5.0	<5.0	<5.0	<5.0	<5.0	
5/19/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	b
8/23/2006	**<15,000**	**<1,000**	**82**	**<25**	**<25**	**<25**	**<25**	**<25**	
MW-9									
5/22/2003	<10000	<2000	<50	<50	<50	<50	--	--	
7/28/2003	<100000	<20000	<500	<500	<500	<500	<500	<500	
11/18/2003	<2,000	<400	45	<10	<10	<10	--	--	a,b
02/23/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
05/04/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
11/10/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
02/15/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
05/16/2005	<2,000	<400	<10	<10	<10	<10	<10	<10	
08/17/2005	<2,500	<500	<12	<12	<12	<12	<12	<12	
11/18/2005	<1,000	<200	19	<5.0	<5.0	<5.0	<5.0	<5.0	b
02/07/2006	<3,000	<200	<5.0	<5.0	<5.0	5.4	<5.0	<5.0	
8/23/2006	**<30,000**	**<2,000**	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**	
MW-10									
5/22/2003	<10000	<2000	300	<50	<50	<50	--	--	
11/18/2003	<10,000	<2,000	<50	<50	<50	<50	--	--	b
02/23/2004	<20,000	<4,000	180	<100	<100	<100	<100	<100	
05/04/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
11/10/2004	<5,000	<1,000	230	<25	<25	<25	<25	<25	b
02/15/2005	<10,000	<2,000	77	<50	<50	<50	<50	<50	
05/16/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
08/17/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/18/2005	<2,500	<500	16	<12	<12	<12	<12	<12	b
02/07/2006	<15,000	<1,000	73	<25	<25	<25	<25	<25	
5/19/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	b
8/23/2006	**<6,000**	**<400**	**<10**	**<10**	**<10**	**<10**	**<10**	**<10**	

Table 2. Summary of Fuel Additives Analytical Data

Station #11132, 3201 35th Ave, Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
RW-1									
11/18/2003	<10,000	11,000	6,100	<50	<50	160	--	--	a,b

SYMBOLS AND ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above specified laboratory reporting limit
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
µg/L = Micrograms per Liter

FOOTNOTES:
a = The result for TBA was reported with a possible high bias due to the continuing calibration verification falling outside acceptance criteria
b = The continuing calibration verification for ethanol was outside of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.

NOTES:
All volatile organic compounds analyzed using EPA Method 8260B.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-1	7/9/1990	0.22	2.00	2.00
MW-1	12/21/1990	0.58	2.00	4.00
MW-1	3/7/1991	0.00	---	4.00
MW-1	6/27/1991	0.18	2.00	6.00
MW-1	9/27/1991	0.27	2.00	8.00
MW-1	12/18/1991	0.28	2.00	10.00
MW-1	4/1/1991	0.15	2.00	12.00
MW-1	7/3/1992	0.27	2.00	14.00
MW-1	10/5/1992	0.24	2.00	16.00
MW-1	1/13/1993	0.24	2.00	18.00
MW-1	4/23/1993	0.42	2.00	20.00
MW-1	7/12/1993	0.49	---	20.00
MW-1	10/21/1993	1.09	2.00	22.00
MW-1	1/21/1994	0.76	---	22.00
MW-1	4/20/1994	1.80	2.00	24.00
MW-1	8/1/1994	0.35	---	24.00
MW-1	1/26/1995	1.10	3.00	27.00
MW-1	6/8/95-6/28/95	1.25	0.70	27.70
MW-1	8/22/1995	0.85	0.15	27.85
MW-1	10/30/95-12/23/95	0.69	0.11	27.96
MW-1	1/25/96-2/16/95	1.40	1.08	29.04
MW-1	4/19/1996	1.22	0.75	29.79
MW-1	7/23/1996	0.89	0.00	29.79
MW-1	9/4/1996	---	0.35	30.14
MW-1	11/11/1996	0.89	0.98	31.12
MW-1	1/21/1997	0.90	0.20	31.32
MW-1	4/29/1997	0.85	0.25	31.57
MW-1	8/21/1997	---	0.15	31.72
MW-1	11/2/97-12/9/97	0.87	2.03	33.75
MW-1	2/3/1998	0.32	0.25	34.00
MW-1	2/4/1998	---	---	34.00
MW-1	5/28/1998	0.17	---	34.00
MW-1	12/30/1998	0.08	0.02	34.02
MW-1	2/2/1999	0.03	0.01	34.03
MW-1	5/10/1999	0.03	0.01	34.04
MW-1	8/24/1999	0.06	0.01	34.05
MW-1	11/3/1999	0.36	0.05	34.10
MW-1	3/1/2000	0.23	*	34.10
MW-1	4/21/2000	0.33	0.07	34.17
MW-1	7/31/2000	0.53	0.13	34.30
MW-1	11/20/2000	0.37	0.50	34.80
MW-1	2/18/2001	0.13	0.05	34.85
MW-1	2/26/2001	0.15	0.15	35.00
MW-1	6/7/2001	0.00	---	35.00
MW-1	9/5/2001	0.35	---	35.00
MW-1	11/30/2001	0.41	0.26	35.26
MW-1	12/6/2001	0.27	0.04	35.30
MW-1	2/20/2002	0.15	0.02	35.32
MW-1	6/20/2002	0.34	0.07	35.39
MW-1	9/11/2002	0.40	0.06	35.45
MW-1	11/12/2002	0.37	0.06	35.51
MW-1	1/29/2003	0.30	0.32	35.83

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-1	5/22/2003	0.20	0.14	35.97
MW-1	6/24/2003	0.35	0.07	36.04
MW-1	7/28/2003	0.35	0.08	36.05
MW-1	8/12/2003	0.23	0.04	36.09
MW-1	9/12/2003	0.24	0.04	36.13
MW-1	10/3/2003	0.23	0.04	36.17
MW-1	11/18/2003	0.25	0.04	36.21
MW-1	12/31/2003	0.15	0.02	36.23
MW-1	2/2/2004	0.15	0.02	36.25
MW-1	2/23/2004	0.09	0.03	36.28
MW-1	3/18/2004	0.09	0.01	36.29
MW-1	4/13/2004	0.24	0.04	36.33
MW-1	5/4/2004	0.16	0.03	36.36
MW-1	6/2/2004	0.08	0.01	36.37
MW-1	7/2/2004	0.28	0.04	36.41
MW-1	8/4/2004	0.10	0.08	36.49
MW-1	9/22/2004	0.20	0.03	36.52
MW-1	10/26/2004	0.12	0.02	36.54
MW-1	11/10/2004	0.14	0.02	36.56
MW-1	12/27/2004	0.08	0.01	36.57
MW-1	1/13/2005	0.03	0.01	36.58
MW-1	2/15/2005	0.04	0.01	36.58
MW-1	3/7/2005	0.01	0.01	36.59
MW-1	4/29/2005	0.01	0.002	36.59
MW-1	5/16/2005	0.02	0.003	36.59
MW-1	6/21/2005	0.01	0.002	36.59
MW-1	7/7/2005	0.18	0.029	36.62
MW-1	8/17/2005	0.08	0.013	36.64
MW-1	9/6/2005	0.02	0.003	36.64
MW-1	10/4/2005	0.12	0.02	36.66
MW-1	9/6/2005	0.06	0.01	36.67
MW-1	12/30/2005	0.03	0.005	36.67
MW-1	1/24/2006	0.00	0.000	36.67
MW-1	2/7/2006	0.01	0.002	36.68
MW-1	3/30/2006	0.00	0.000	36.68
MW-1	4/21/2006	0.00	0.000	36.68
MW-1	5/19/2006	<0.01 (SHEEN)	0.000	36.68
MW-1	6/22/2006	0.04	0.006	36.68
MW-1	**7/31/2006**	**0.04**	**0.006**	**36.69**
MW-1	**8/23/2006**	**0.14**	**0.020**	**36.71**
MW-1	**9/28/2006**	**0.35**	**0.056**	**36.76**
MW-8	11/02/93-12/09/98	0.12	1.62	1.62
MW-8	9/5/2001	0.04	---	1.66
MW-8	8/12/2003	<0.01 (SHEEN)	---	1.66
MW-8	10/3/2003	<0.01 (SHEEN)	---	1.66
MW-8	11/18/2003	<0.01 (SHEEN)	---	1.66
MW-8	12/31/2003	<0.01 (SHEEN)	---	1.66
MW-8	2/2/2004	<0.01 (SHEEN)	---	1.66
MW-8	2/23/2004	<0.01 (SHEEN)	---	1.66
MW-8	3/18/2004	<0.01 (SHEEN)	---	1.66
MW-8	4/13/2004	<0.01 (SHEEN)	---	1.66

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-8	5/4/2004	<0.01 (SHEEN)	---	1.66
MW-8	6/2/2004	<0.01 (SHEEN)	---	1.66
MW-8	7/2/2004	--	--	1.66
MW-8	8/4/2004	0.05	0.11	1.77
MW-8	9/22/2004	--	--	1.77
MW-8	10/26/2004	--	--	1.77
MW-8	11/10/2004	--	--	1.77
MW-8	12/26/2004	--	--	1.77
MW-8	1/13/2005	--	--	1.77
MW-8	2/15/2005	--	--	1.77
MW-8	3/7/2005	--	--	1.77
MW-8	4/29/2005	--	--	1.77
MW-8	5/16/2005	--	--	1.77
MW-8	6/21/2005	--	--	1.77
MW-8	7/7/2005	--	--	1.77
MW-8	8/17/2005	--	--	1.77
MW-8	9/6/2005	--	--	1.77
MW-8	1/24/2006	--	--	1.77
MW-8	2/7/2006	--	--	1.77
MW-8	3/30/2006	--	--	1.77
MW-8	4/21/2006	--	--	1.77
MW-8	5/19/2006	<0.01 (Sheen)	--	1.77
MW-8	6/22/2006	--	--	1.77
MW-8	**7/31/2006**	**--**	**--**	**1.77**
MW-8	**8/23/2006**	**--**	**--**	**1.77**
MW-8	**9/28/2006**	**--**	**--**	**1.77**
MW-9	11/2/93-4/29/97	0.10	<0.1	0.88
MW-9	11/5/1997	0.01	<0.1	0.88
MW-9	1/29/2003	0.10	0.19	1.07
MW-9	6/24/2003	NM	NM	1.07
MW-9	7/28/2003	<0.01 (SHEEN)	--	1.07
MW-9	8/12/2003	<0.01 (SHEEN)	--	1.07
MW-9	9/12/2003	<0.01 (SHEEN)	--	1.07
MW-9	10/3/2003	0.01	0.00	1.07
MW-9	11/18/2003	<0.01 (SHEEN)	--	1.07
MW-9	12/31/2003	<0.01 (SHEEN)	--	1.07
MW-9	2/2/2004	<0.01 (SHEEN)	--	1.07
MW-9	2/23/2004	<0.01 (SHEEN)	--	1.07
MW-9	3/18/2004	<0.01 (SHEEN)	--	1.07
MW-9	4/13/2004	<0.01 (SHEEN)	--	1.07
MW-9	5/4/2004	<0.01 (SHEEN)	--	1.07
MW-9	6/2/2004	<0.01 (SHEEN)	--	1.07
MW-9	7/2/2004	--	--	1.07
MW-9	8/4/2004	0.03	0.05	1.12
MW-9	9/22/2004	--	--	1.12
MW-9	10/26/2004	--	--	1.12
MW-9	11/10/2004	--	--	1.12
MW-9	12/27/2004	--	--	1.12
MW-9	1/13/2005	--	--	1.12
MW-9	2/15/2005	--	--	1.12
MW-9	3/7/2005	--	--	1.12

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-9	4/29/2005	--	--	1.12
MW-9	5/16/2005	--	--	1.12
MW-9	6/21/2005	--	--	1.12
MW-9	7/7/2005	--	--	1.12
MW-9	8/17/2005	--	--	1.12
MW-9	9/6/2005	--	--	1.12
MW-9	1/24/2006	--	--	1.12
MW-9	2/7/2006	SHEEN	--	1.12
MW-9	3/30/2006	--	--	1.12
MW-9	4/21/2006	--	--	1.12
MW-9	5/19/2006	NM	--	1.12
MW-9	6/22/2006	--	--	1.12
MW-9	**7/31/2006**	**--**	**--**	**1.12**
MW-9	**8/23/2006**	**--**	**--**	**1.12**
MW-9	**9/28/2006**	**--**	**--**	**1.12**
MW-10	9/7/93-7/23/96	---	10.52	10.52
MW-10	9/4/1996	0.76	0.10	10.62
MW-10	11/11/1996	---	0.20	10.82
MW-10	1/21/1997	---	<0.03	10.85
MW-10	4/29/1997	---	0.04	10.89
MW-10	4/29/1997	---	0.04	10.93
MW-10	12/2/1997	0.03	<0.1	10.93
MW-10	2/3/1998	---	<0.1	10.93
MW-10	9/5/2001	0.01	---	10.93
MW-10	11/12/2002	0.07	0.01	10.94
MW-10	1/29/2003	0.03	0.03	10.97
MW-10	6/24/2003	0.04	0.01	10.98
MW-10	7/28/2003	0.04	0.02	11.00
MW-10	8/12/2003	<0.01 (SHEEN)	--	11.00
MW-10	10/3/2003	<0.01 (SHEEN)	--	11.00
MW-10	11/18/2003	<0.01 (SHEEN)	--	11.00
MW-10	12/31/2003	<0.01 (SHEEN)	--	11.00
MW-10	2/2/2004	<0.01 (SHEEN)	--	11.00
MW-10	2/23/2004	<0.01 (SHEEN)	--	11.00
MW-10	3/18/2004	<0.01 (SHEEN)	--	11.00
MW-10	4/13/2004	<0.01 (SHEEN)	--	11.00
MW-10	5/4/2004	<0.01 (SHEEN)	--	11.00
MW-10	6/2/2004	<0.01 (SHEEN)	--	11.00
MW-10	7/2/2004	<0.01 (SHEEN)	--	11.00
MW-10	8/4/2004	0.08	0.11	11.11
MW-10	9/22/2004	--	--	11.11
MW-10	10/26/2004	--	--	11.11
MW-10	11/10/2004	--	--	11.11
MW-10	12/27/2004	--	--	11.11
MW-10	1/13/2005	<0.01 (SHEEN)	--	11.11
MW-10	2/15/2005	--	--	11.11
MW-10	3/7/2005	--	--	11.11
MW-10	4/29/2005	--	--	11.11
MW-10	5/16/2005	--	--	11.11
MW-10	6/21/2005	--	--	11.11
MW-10	7/7/2005	--	--	11.11

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-10	8/17/2005	--	--	11.11
MW-10	9/6/2005	--	--	11.11
MW-10	1/24/2006	--	--	11.11
MW-10	2/7/2006	SHEEN	--	11.11
MW-10	3/30/2006	--	--	11.11
MW-10	4/21/2006	--	--	11.11
MW-10	5/19/2006	<0.01 (SHEEN)	--	11.11
MW-10	6/22/2006	--	--	11.11
MW-10	**7/31/2006**	**--**	**--**	**11.11**
MW-10	**8/23/2006**	**--**	**--**	**11.11**
MW-10	**9/28/2006**	**--**	**--**	**11.11**
RW-1	9/5/2001	0.02	---	0.00
RW-1	6/20/2002	**	---	0.00
RW-1	9/11/2002	0.03	0.04	0.04
RW-1	11/12/2002	0.02	0.03	0.07
RW-1	1/29/2003	0.04	0.07	0.14
RW-1	6/24/2003	0.07	0.04	0.18
RW-1	7/28/2003	0.04	0.02	0.20
RW-1	8/12/2003	<0.01 (SHEEN)	--	0.20
RW-1	9/12/2003	0.07	0.10	0.30
RW-1	10/3/2003	0.03	0.04	0.34
RW-1	11/18/2003	<0.01 (SHEEN)	--	0.34
RW-1	12/31/2003	<0.01 (SHEEN)	--	0.34
RW-1	2/23/2004	0.01	0.01	0.35
RW-1	3/18/2004	0.09	0.12	0.47
RW-1	4/13/2004	0.02	0.03	0.50
RW-1	5/4/2004	0.02	0.03	0.53
RW-1	6/2/2004	0.05	0.02	0.55
RW-1	7/2/2004	0.11	0.16	0.71
RW-1	8/4/2004	0.05	0.16	0.87
RW-1	9/22/2004	0.06	0.09	0.95
RW-1	10/26/2004	0.01	0.01	0.96
RW-1	11/10/2004	0.02	0.03	0.99
RW-1	12/27/2004	0.03	0.01	1.00
RW-1	1/13/2005	0.01	0.00	1.01
RW-1	2/15/2005	0.03	0.04	1.05
RW-1	3/7/2005	0.02	0.03	1.08
RW-1	4/29/2005	0.03	0.04	1.12
RW-1	5/16/2005	0.02	0.03	1.15
RW-1	6/21/2005	0.03	0.01	1.17
RW-1	7/7/2005	0.06	0.09	1.26
RW-1	8/17/2005	0.03	0.04	1.30
RW-1	9/6/2005	0.03	0.04	1.35
RW-1	10/4/2005	0.07	0.10	1.45
RW-1	11/18/2005	0.07	0.01	1.46
RW-1	12/30/2005	0.04	0.006	1.46
RW-1	1/24/2006	0.01	0.015	1.48
RW-1	2/7/2006	0.01	0.015	1.49
RW-1	3/30/2006	0.02	0.03	1.52
RW-1	4/21/2006	0.00	0.00	1.52
RW-1	5/19/2006	0.04	0.06	1.58

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
RW-1	6/22/2006	0.03	0.04	1.63
RW-1	**7/31/2006**	**0.12**	**0.18**	**1.81**
RW-1	**8/23/2006**	**0.07**	**0.10**	**1.91**
RW-1	**9/28/2006**	**0.07**	**0.10**	**2.01**
		Free Product Removed this Quarter =		**0.462**
		Total Free Product =		**52.77**

NM = Unable to gauge free product thickness or remove product because the well was inaccessible.

* There was no hazardous waste drum on-site, therefore no product was removed.

** Indeterminate thickness of product. The nature of product is unknown, very viscous.

*** Data prior to 1998 is incomplete, and amounts removed are estimates based on quarter reports from the previous consultants.

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.

APPENDIX A

URS GROUNDWATER SAMPLING DATA PACKAGE (INCLUDES LABORATORY REPORT AND CHAIN OF CUSTODY DOCUMENTATION, FIELD AND LABORATORY PROCEDURES, AND FIELD DATA SHEETS)

URS

September 27, 2006

Mr. Rob Miller
Broadbent & Associates, Inc.
2000 Kirman Avenue
Reno, NV 89502

Groundwater Sampling Data Package
Former BP Service Station #11132
3201 35th Avenue
Oakland, CA
Field Work Performed: 08/23/06

General Information
Data Submittal Prepared/Reviewed by: Alok Kolekar
Phone Number: 510-874-3152
On-Site Supplier Representative: Blaine Tech
Scope of Work Performed: Groundwater Monitoring in accordance with 3rd Quarter 2006 protocols as identified in the Quarterly Monitoring Program Table in the Field and Laboratory Procedures Attachment.
Variations from Work Scope: Free product was detected in wells MW-1 and RW-1. Therefore, these wells were not gauged or sampled.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include, at a minimum, sampling procedures, field data collected, laboratory results, chain of custody documentation, and waste management activities. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Alok D. Kolekar, P.E.
Project Manager

cc: Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

URS

Attachments

Field and Laboratory Procedures
Laboratory Report
Chain of Custody Documentation
Field Data Sheets
    Well Gauging Data
    Well Monitoring Data Sheets

FIELD & LABORATORY PROCEDURES

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.

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.

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

21 September, 2006

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

RE: BP Heritage #11132, Oakland, CA
Work Order: MPH0842

Enclosed are the results of analyses for samples received by the laboratory on 08/23/06 19:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MPH0842
1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MPH0842-01	Water	08/23/06 14:00	08/23/06 19:20
MW-5	MPH0842-02	Water	08/23/06 11:40	08/23/06 19:20
MW-8	MPH0842-03	Water	08/23/06 12:15	08/23/06 19:20
MW-9	MPH0842-04	Water	08/23/06 13:30	08/23/06 19:20
MW-10	MPH0842-05	Water	08/23/06 13:00	08/23/06 19:20
TB-11132-08232006	MPH0842-06	Water	08/23/06 00:00	08/23/06 19:20

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 no custody seals.

Revised report created 9/21/06.

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MPH0842
1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MPH0842-01) Water Sampled: 08/23/06 14:00 Received: 08/23/06 19:20									
Gasoline Range Organics (C4-C12)	**100000**	10000	ug/l	200	6H29008	08/29/06	08/29/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-145*		"	"	"	"	
MW-5 (MPH0842-02) Water Sampled: 08/23/06 11:40 Received: 08/23/06 19:20									
Gasoline Range Organics (C4-C12)	**1400**	50	ug/l	1	6H29008	08/29/06	08/29/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*60-145*		"	"	"	"	
MW-8 (MPH0842-03) Water Sampled: 08/23/06 12:15 Received: 08/23/06 19:20									
Gasoline Range Organics (C4-C12)	**21000**	1000	ug/l	20	6H29008	08/29/06	08/29/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*131 %*	*60-145*		"	"	"	"	
MW-9 (MPH0842-04) Water Sampled: 08/23/06 13:30 Received: 08/23/06 19:20									
Gasoline Range Organics (C4-C12)	**28000**	2500	ug/l	50	6H31013	08/31/06	08/31/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*60-145*		"	"	"	"	
MW-10 (MPH0842-05) Water Sampled: 08/23/06 13:00 Received: 08/23/06 19:20									
Gasoline Range Organics (C4-C12)	**13000**	1000	ug/l	20	6H31013	08/31/06	08/31/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*131 %*	*60-145*		"	"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MPH0842
1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MPH0842-01) Water Sampled: 08/23/06 14:00 Received: 08/23/06 19:20									
tert-Amyl methyl ether	ND	100	ug/l	200	6I01006	09/01/06	09/01/06	EPA 8260B	
Benzene	**12000**	100	"	"	"	"	"	"	
tert-Butyl alcohol	ND	4000	"	"	"	"	"	"	
Di-isopropyl ether	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
Ethanol	ND	60000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Ethylbenzene	**5800**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**480**	100	"	"	"	"	"	"	
Toluene	**9100**	100	"	"	"	"	"	"	
Xylenes (total)	**25000**	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*91 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*60-120*		"	"	"	"	
MW-5 (MPH0842-02) Water Sampled: 08/23/06 11:40 Received: 08/23/06 19:20									
tert-Amyl methyl ether	ND	5.0	ug/l	10	6I01006	09/01/06	09/01/06	EPA 8260B	
Benzene	**69**	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	3000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	**20**	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**230**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	**24**	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*60-120*		"	"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MPH0842
1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MPH0842-03) Water Sampled: 08/23/06 12:15 Received: 08/23/06 19:20									
tert-Amyl methyl ether	ND	25	ug/l	50	6I01006	09/01/06	09/01/06	EPA 8260B	
Benzene	**520**	25	"	"	"	"	"	"	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	15000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Ethylbenzene	**1800**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**82**	25	"	"	"	"	"	"	
Toluene	**150**	25	"	"	"	"	"	"	
Xylenes (total)	**6300**	25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*60-120*		"	"	"	"	
MW-9 (MPH0842-04) Water Sampled: 08/23/06 13:30 Received: 08/23/06 19:20									
tert-Amyl methyl ether	ND	50	ug/l	100	6I01006	09/01/06	09/01/06	EPA 8260B	
Benzene	**84**	50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	2000	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Ethanol	ND	30000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Ethylbenzene	**1600**	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Xylenes (total)	**6200**	50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*60-120*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MPH0842-05) Water Sampled: 08/23/06 13:00 Received: 08/23/06 19:20									
tert-Amyl methyl ether	ND	10	ug/l	20	6H31015	08/31/06	08/31/06	EPA 8260B	
Benzene	**1500**	10	"	"	"	"	"	"	
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethanol	ND	6000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Ethylbenzene	**1200**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Toluene	**540**	10	"	"	"	"	"	"	
Xylenes (total)	**3000**	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*60-120*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H29008 - EPA 5030B P/T / LUFT GCMS										
Blank (6H29008-BLK1)				Prepared & Analyzed: 08/29/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*3.00*		"	*2.50*		*120*	*60-145*			
Laboratory Control Sample (6H29008-BS1)				Prepared & Analyzed: 08/29/06						
Gasoline Range Organics (C4-C12)	397	50	ug/l	440		90	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.97*		"	*2.50*		*119*	*60-145*			
Matrix Spike (6H29008-MS1)	**Source: MPH0822-04**			Prepared & Analyzed: 08/29/06						
Gasoline Range Organics (C4-C12)	397	50	ug/l	440	ND	90	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.90*		"	*2.50*		*116*	*60-145*			
Matrix Spike Dup (6H29008-MSD1)	**Source: MPH0822-04**			Prepared & Analyzed: 08/29/06						
Gasoline Range Organics (C4-C12)	403	50	ug/l	440	ND	92	75-140	2	20	
Surrogate: 1,2-Dichloroethane-d4	*2.97*		"	*2.50*		*119*	*60-145*			
Batch 6H31013 - EPA 5030B P/T / LUFT GCMS										
Blank (6H31013-BLK1)				Prepared & Analyzed: 08/31/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*3.24*		"	*2.50*		*130*	*60-145*			
Laboratory Control Sample (6H31013-BS2)				Prepared & Analyzed: 08/31/06						
Gasoline Range Organics (C4-C12)	520	50	ug/l	440		118	75-140			
Surrogate: 1,2-Dichloroethane-d4	*3.45*		"	*2.50*		*138*	*60-145*			
Matrix Spike (6H31013-MS1)	**Source: MPH0842-05RE1**			Prepared & Analyzed: 08/31/06						
Gasoline Range Organics (C4-C12)	20600	500	ug/l	4400	17000	82	75-140			EY
Surrogate: 1,2-Dichloroethane-d4	*3.83*		"	*2.50*		*153*	*60-145*			*LH,AY*

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MPH0842
1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H31013 - EPA 5030B P/T / LUFT GCMS										
Matrix Spike Dup (6H31013-MSD1)	**Source: MPH0842-05RE1**			Prepared & Analyzed: 08/31/06						
Gasoline Range Organics (C4-C12)	20700	500	ug/l	4400	17000	84	75-140	0.5	20	EY
Surrogate: 1,2-Dichloroethane-d4	*5.17*		"	*2.50*		*207*	*60-145*			*LH,AY*

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1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H31015 - EPA 5030B P/T / EPA 8260B										
Blank (6H31015-BLK1)				Prepared & Analyzed: 08/31/06						
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	300	"							
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	"							
Surrogate: Dibromofluoromethane	*2.53*		"	*2.50*		*101*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.56*		"	*2.50*		*102*	*60-145*			
Surrogate: Toluene-d8	*2.30*		"	*2.50*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.02*		"	*2.50*		*81*	*60-120*			
Laboratory Control Sample (6H31015-BS1)				Prepared & Analyzed: 08/31/06						
tert-Amyl methyl ether	9.07	0.50	ug/l	10.0		91	65-135			
Benzene	10.3	0.50	"	10.0		103	70-125			
tert-Butyl alcohol	198	20	"	200		99	60-135			
Di-isopropyl ether	10.1	0.50	"	10.0		101	70-130			
1,2-Dibromoethane (EDB)	9.49	0.50	"	10.0		95	80-125			
1,2-Dichloroethane	9.11	0.50	"	10.0		91	75-125			
Ethanol	201	300	"	200		100	15-150			
Ethyl tert-butyl ether	10.5	0.50	"	10.0		105	65-130			
Ethylbenzene	10.9	0.50	"	10.0		109	70-130			
Methyl tert-butyl ether	10.1	0.50	"	10.0		101	50-140			
Toluene	10.2	0.50	"	10.0		102	70-120			
Xylenes (total)	33.4	0.50	"	30.0		111	80-125			
Surrogate: Dibromofluoromethane	*2.46*		"	*2.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.28*		"	*2.50*		*91*	*60-145*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-120*			

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1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H31015 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6H31015-MS1)	**Source: MPH0941-16**			Prepared & Analyzed: 08/31/06						
tert-Amyl methyl ether	10.3	0.50	ug/l	10.0	ND	103	65-135			
Benzene	11.8	0.50	"	10.0	ND	118	70-125			
tert-Butyl alcohol	296	20	"	200	70	113	60-135			
Di-isopropyl ether	11.6	0.50	"	10.0	ND	116	70-130			
1,2-Dibromoethane (EDB)	11.5	0.50	"	10.0	ND	115	80-125			
1,2-Dichloroethane	9.77	0.50	"	10.0	ND	98	75-125			
Ethanol	260	300	"	200	39	110	15-150			
Ethyl tert-butyl ether	11.9	0.50	"	10.0	ND	119	65-130			
Ethylbenzene	12.4	0.50	"	10.0	ND	124	70-130			
Methyl tert-butyl ether	13.3	0.50	"	10.0	1.2	121	50-140			
Toluene	11.4	0.50	"	10.0	ND	114	70-120			
Xylenes (total)	37.8	0.50	"	30.0	ND	126	80-125			LM
Surrogate: Dibromofluoromethane	*2.45*		"	*2.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.11*		"	*2.50*		*84*	*60-145*			
Surrogate: Toluene-d8	*2.44*		"	*2.50*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-120*			
Matrix Spike Dup (6H31015-MSD1)	**Source: MPH0941-16**			Prepared & Analyzed: 08/31/06						
tert-Amyl methyl ether	11.2	0.50	ug/l	10.0	ND	112	65-135	8	25	
Benzene	12.0	0.50	"	10.0	ND	120	70-125	2	15	
tert-Butyl alcohol	288	20	"	200	70	109	60-135	3	35	
Di-isopropyl ether	12.3	0.50	"	10.0	ND	123	70-130	6	35	
1,2-Dibromoethane (EDB)	12.2	0.50	"	10.0	ND	122	80-125	6	15	
1,2-Dichloroethane	10.4	0.50	"	10.0	ND	104	75-125	6	10	
Ethanol	245	300	"	200	39	103	15-150	6	35	
Ethyl tert-butyl ether	12.9	0.50	"	10.0	ND	129	65-130	8	35	
Ethylbenzene	12.4	0.50	"	10.0	ND	124	70-130	0	15	
Methyl tert-butyl ether	14.6	0.50	"	10.0	1.2	134	50-140	9	25	
Toluene	11.6	0.50	"	10.0	ND	116	70-120	2	15	
Xylenes (total)	37.9	0.50	"	30.0	ND	126	80-125	0.3	15	LM
Surrogate: Dibromofluoromethane	*2.50*		"	*2.50*		*100*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.25*		"	*2.50*		*90*	*60-145*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.46*		"	*2.50*		*98*	*60-120*			

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1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I01006 - EPA 5030B P/T / EPA 8260B										
Blank (6I01006-BLK1)				Prepared & Analyzed: 09/01/06						
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	300	"							
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	"							
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.26*		"	*2.50*		*90*	*60-145*			
Surrogate: Toluene-d8	*2.26*		"	*2.50*		*90*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.15*		"	*2.50*		*86*	*60-120*			
Laboratory Control Sample (6I01006-BS1)				Prepared & Analyzed: 09/01/06						
tert-Amyl methyl ether	9.17	0.50	ug/l	10.0		92	65-135			
Benzene	10.2	0.50	"	10.0		102	70-125			
tert-Butyl alcohol	202	20	"	200		101	60-135			
Di-isopropyl ether	10.0	0.50	"	10.0		100	70-130			
1,2-Dibromoethane (EDB)	9.29	0.50	"	10.0		93	80-125			
1,2-Dichloroethane	9.27	0.50	"	10.0		93	75-125			
Ethanol	214	300	"	200		107	15-150			
Ethyl tert-butyl ether	9.35	0.50	"	10.0		94	65-130			
Ethylbenzene	10.1	0.50	"	10.0		101	70-130			
Methyl tert-butyl ether	9.41	0.50	"	10.0		94	50-140			
Toluene	10.4	0.50	"	10.0		104	70-120			
Xylenes (total)	30.8	0.50	"	30.0		103	80-125			
Surrogate: Dibromofluoromethane	*2.43*		"	*2.50*		*97*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.23*		"	*2.50*		*89*	*60-145*			
Surrogate: Toluene-d8	*2.39*		"	*2.50*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.26*		"	*2.50*		*90*	*60-120*			

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1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I01006 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6I01006-MS1)	**Source: MPH0827-03**			Prepared & Analyzed: 09/01/06						
tert-Amyl methyl ether	8.97	0.50	ug/l	10.0	ND	90	65-135			
Benzene	9.22	0.50	"	10.0	ND	92	70-125			
tert-Butyl alcohol	188	20	"	200	ND	94	60-135			
Di-isopropyl ether	9.09	0.50	"	10.0	ND	91	70-130			
1,2-Dibromoethane (EDB)	9.13	0.50	"	10.0	ND	91	80-125			
1,2-Dichloroethane	8.93	0.50	"	10.0	ND	89	75-125			
Ethanol	183	300	"	200	ND	92	15-150			
Ethyl tert-butyl ether	9.28	0.50	"	10.0	ND	93	65-130			
Ethylbenzene	9.07	0.50	"	10.0	ND	91	70-130			
Methyl tert-butyl ether	9.44	0.50	"	10.0	ND	94	50-140			
Toluene	9.43	0.50	"	10.0	ND	94	70-120			
Xylenes (total)	27.6	0.50	"	30.0	ND	92	80-125			
Surrogate: Dibromofluoromethane	*2.43*		"	*2.50*		*97*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.33*		"	*2.50*		*93*	*60-145*			
Surrogate: Toluene-d8	*2.38*		"	*2.50*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.23*		"	*2.50*		*89*	*60-120*			
Matrix Spike Dup (6I01006-MSD1)	**Source: MPH0827-03**			Prepared & Analyzed: 09/01/06						
tert-Amyl methyl ether	9.32	0.50	ug/l	10.0	ND	93	65-135	4	25	
Benzene	10.0	0.50	"	10.0	ND	100	70-125	8	15	
tert-Butyl alcohol	198	20	"	200	ND	99	60-135	5	35	
Di-isopropyl ether	9.94	0.50	"	10.0	ND	99	70-130	9	35	
1,2-Dibromoethane (EDB)	9.32	0.50	"	10.0	ND	93	80-125	2	15	
1,2-Dichloroethane	9.47	0.50	"	10.0	ND	95	75-125	6	10	
Ethanol	214	300	"	200	ND	107	15-150	16	35	
Ethyl tert-butyl ether	9.87	0.50	"	10.0	ND	99	65-130	6	35	
Ethylbenzene	9.73	0.50	"	10.0	ND	97	70-130	7	15	
Methyl tert-butyl ether	9.79	0.50	"	10.0	ND	98	50-140	4	25	
Toluene	10.3	0.50	"	10.0	ND	103	70-120	9	15	
Xylenes (total)	29.4	0.50	"	30.0	ND	98	80-125	6	15	
Surrogate: Dibromofluoromethane	*2.46*		"	*2.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.31*		"	*2.50*		*92*	*60-145*			
Surrogate: Toluene-d8	*2.34*		"	*2.50*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.16*		"	*2.50*		*86*	*60-120*			

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MPH0842
1333 Broadway, Suite 800	Project Number: G07TS-0025	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/21/06 13:27

Notes and Definitions

LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
LH,AY	Surrogate recovery above the acceptance limits. Matrix interference suspected.
EY	Result exceeds normal dynamic range; reported as a min. est.
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: Analytical for QMR sampling
BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 11132 > HistoricalBL
State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fra
Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: 1000	Temp: 65
Off-site Time: 1415	Temp: 75
Sky Conditions: sun	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: Sequoia	
Address: 885 Jarvis Drive	
Morgan Hill, CA 95037	
Lab PM: Lisa Race / Katt Min	
Tele/Fax: 408.782.8156 / 408.782.6308	
BP/AR PM Contact: Paul Supple	
Address: 4 Centerpointe Dr.	
La Palma, CA 90623	
Tele/Fax: (714) 670-5303 / (714) 670-5195	

BP/AR Facility No.:	11132
BP/AR Facility Address:	3201 35th Ave, Oakland, CA 94619
Site Lat/Long:	37.791607 / -122.204
California Global ID No.:	T0600100213
Enfos Project No.:	G07TS-0025
Provision or RCOP:	Provision
Phase/WBS:	04 - Mon/Remed by Natural Attenuation
Sub Phase/Task:	03 - Analytical
Cost Element:	05 - Subcontracted Costs

Consultant/Contractor:	URS
Address:	1333 Broadway, Suite 800
	Oakland, CA 94612
Consultant/Contractor Project No.:	38487137
Consultant/Contractor PM:	Alok Kolekar
Tele/Fax:	510.874.3152 / 510.874.3268
Report Type & QC Level:	Level 1 with EDF
E-mail EDD To:	Jane_Field@urscorp.com
Invoice to:	Atlantic Richfield Company

Lab Bottle Order No: 11132

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO / BTEX (8260)	Requested Analysis: MTBE, TAME, ETBE DIPE, TBA (8260)	Requested Analysis: EDB, 1,2-DCA (8260)	Requested Analysis: Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-2	1400	8/23/06		X		01	3				X		X	X	X	X	
2	MW-5	1140			X		02	3				X		X	X	X	X	
3	MW-8	1215			X		03	3				X		X	X	X	X	
4	MW-9	1330			X		04	3				X		X	X	X	X	
5	MW-10	1300			X		05	3				X		X	X	X	X	
6	TB-11132-082306		↓		X		06	2				X						On hold
7																		
8																		
9																		
10																		

Sampler's Name:	S. Lane
Sampler's Company:	BTS
Shipment Date:	
Shipment Method:	
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	8/23/06	1535	Sonya Cust.	8/23	1535
Sample Custody	8/23/06	1800		8/23	1610
	8/23/06	2:20	JMENG (MH)	8/23	1920

Special Instructions: CC to bpedf@broadbentinc.com

Custody Seals In Place Yes X No Temp Blank Yes X No Cooler Temperature on Receipt 3.1 °F/C Trip Blank Yes X No

Distribution: White Copy - Laboratory / Yellow Copy - BP/AR Project Manager

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT) JULIE NG
WORKORDER: MPH0842

DATE REC'D AT LAB: 8/23/06
TIME REC'D AT LAB: 1920
DATE LOGGED IN: 8/24/06

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*									
2. Chain-of-Custody Present / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #: —									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Read Temp: 3.2°C Corrected Temp: 3.2°C Is corrected temp 4 +/-2°C? Yes / No**									
(Acceptance range for samples requiring thermal pres.)									
**Exception (if any): METALS / DFF ON ICE or Problem COC									

JULIE 8/24/06

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

WELL GAUGING DATA

Project # 060731-PC3 Date 7/31/06 Client BP 11132

Site 3201 35th Ave, Oakland

Well ID	Time	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)	Notes
MW1	1123	2	S	18.41	0.04	24	18.45	—	TOC	
MW-8	1120	2		No SPH detected			18.38	39.00	↓	
MW-9	1110	2		↓	↓		18.44	27.70	↓	
MW-10	1114	2		↓	↓		18.36	—	↓	
RW1	1140	6	S	19.80	0.12	668	19.92	—	↓	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060731-BC3	Station # BP 11132
Sampler: BC	Date: 7/31/06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 18.45
Depth to Free Product: 18.41	Thickness of Free Product (feet):
Referenced to: (PVC) 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	radius² * 0.163

Purge Method:
- Bailer
- (Disposable Bailer)
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			SPH Bailed		

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia Other _____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		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 #: 060731-PC3	Station # BP11132
Sampler: PC	Date: 7/31/06
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 18.38
Depth to Free Product: —	Thickness of Free Product (feet):
Referenced to: PVC 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	radius² * 0.163

Purge Method: Bailer / ~~Disposable Bailer~~ / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			No SPH detected		

Did well dewater? Yes / No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia Other_____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		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 #: 060731-PC3	Station # ~~ARC~~ BP 11132
Sampler: PC	Date: 7/31/06
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 18.44
Depth to Free Product: -	Thickness of Free Product (feet):
Referenced to: (TOC) 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^2 * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			No SPH detected		

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia Other ____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		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 #: 060731-PC3	Station # BP 11132
Sampler: PC	Date: 7/31/06
Well I.D.: MW-10	Well Diameter: ② 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 18.38
Depth to Free Product: —	Thickness of Free Product (feet):
Referenced to: PVC 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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			No SPH detected		

Did well dewater? Yes / No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace / Sequoia / Other _____	
Analyzed for: GRO / BTEX / MTBE / DRO / Oxy's / 1,2-DCA / EDB / Ethanol		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 #: 060731PC3	Station # BP 11132
Sampler: PC	Date: 7/31/06
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: —	Depth to Water: 19.92
Depth to Free Product: 19.80	Thickness of Free Product (feet): 0.12
Referenced to: PVC 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^2 * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			SPH bailed		

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia Other_____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		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

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 7/31/06

Site Address 3201 35th Ave., Oakland

Job Number 060731-PC3 Technician P. Grundy

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1		cumulative bail					A	
MW-8		↓	↓				4	
MW-9							A	
MW-10							A	
RW-1							E	

NOTES:

WELL GAUGING DATA

Project # C600823-SL2 Date 8/23/06 Client BP/ARCO

Site 3201 35th Ave, Oakland, CA

Well ID	Time	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	Notes
MW-1	1040	2	✓	21.87	0.14	84ml	22.01	—		✓ SPH
MW-2	1050	2					20.83	31.61		
MW-3	1022	2					19.43	34.43		GO
MW-4	1015	2					20.95	39.78		GO
MW-5	1115	2					17.02	32.17		
MW-6	1100	2					16.35	34.40		GO
MW-7	1105	2					20.30	34.79		GO
MW-8	1150	2	No SPH	detected			18.85	39.00		✓ SPH
MW-9	1305	2	No	SPH	detected		18.91	27.75		✓ SPH
MW-10	1239	2	No SPH	detected			20.00	34.15		✓ SPH
RW-1	1030	6	✓	20.43	0.07	389ml	20.50	—		✓ SPH
	*	removed caps 15 min prior to gauging								

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060823-SL-2	Station # 11132
Sampler: SL	Date: 8/23/06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ~~~	Depth to Water: 22.01
Depth to Free Product: 21.87	Thickness of Free Product (feet): 0.14
Referenced to: PVC 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	radius² * 0.163

Purge Method:
- X Bailer
- Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- ~~Bailer~~
- ~~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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		Removed 84 ml of SPH			
		+ 1 gal H2O			

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia Other____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		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 #: 060823-SL2	Station # 1132
Sampler: SL	Date: 8/23/06
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 31.61	Depth to Water: 20.83
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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	radius² * 0.163

Purge Method:
- Bailer
- (X) Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- (X) 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.

1.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 5.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1350	73.8	6.7	1740	1.7	
1353	72.9	6.6	1783	3.4	
1356	72.3	6.6	1789	5.1	

Did well dewater? Yes (No)

Gallons actually evacuated: 5.1

Sampling Time: 1400

Sampling Date: 8/23/06

Sample I.D.: MW-2

Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) 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 #: 060823-SL2	Station # 11132
Sampler: SL	Date: 8/23/06
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 32.17	Depth to Water: 17.02
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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^2 * 0.163

Purge Method: Bailer / (X) Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / (X) 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.

2.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1125	70.1	7.03	1524	2.4	Grey
1130	69.2	7.08	1528	4.8	Light Sheen
1135	68.4	7.11	1519	7.2	

Did well dewater? Yes (No) Gallons actually evacuated: 7.2

Sampling Time: 1140 Sampling Date: 8/23/06

Sample I.D.: MW-5 Laboratory: Pace Sequoia Other FA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) 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 #: 060823-SL2	Station # 1132
Sampler: SL	Date: 8/23/06
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 39.00	Depth to Water: 18.85
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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	radius² * 0.163

Purge Method:
- (X) Bailer
- (X) Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- (X) 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.

3.2 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1203	69.8	7.25	1266	3.2	light sheen
1208	69.7	7.39	1251	6.4	odor
1213	69.9	7.35	1252	9.6	

Did well dewater? Yes (No)	Gallons actually evacuated: 9.6
Sampling Time: 1215	Sampling Date: 8/23/06
Sample I.D.: MW-8	Laboratory: Pace Sequoia Other FA
Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol)	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 #: 060823-SC2	Station # 1132
Sampler: SC	Date: 8/23/06
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 27.75	Depth to Water: 18.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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^2 * 0.163

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: (Bailer) / 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.

1.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 4.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1317	70.9	7.3	1024	1.4	odor
1322	71.1	7.2	1004	2.8	↓
1328	72.4	7.3	1007	4.2	

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Time: 1330 Sampling Date: 8/23/06

Sample I.D.: MW-9 Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxys) 1,2-DCA (EDB) (Ethanol) 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 #: 060823-SL2	Station # 11132
Sampler: SL	Date: 8/23/06
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 34.15	Depth to Water: 20.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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	radius² * 0.163

Purge Method:
- Bailer
- ~~Disposable Bailer~~
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- 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.

2.3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 6.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1248	68.4	6.76	1324	2.3	Grey
1253	68.3	6.89	1288	4.6	Sheen
1258	68.0	6.97	1267	6.9	

Did well dewater? Yes (No) Gallons actually evacuated: 6.9

Sampling Time: 1300 Sampling Date: 8/23/06

Sample I.D.: MW-10 Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) 1,2-DCA (EDB) (Ethanol) 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 #: 060823-SL2	Station # 11132
Sampler: SL	Date: 8/23/06
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: ———	Depth to Water: 20.50
Depth to Free Product: 20.43	Thickness of Free Product (feet): 0.07
Referenced to: (PVC) 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^2 * 0.163

Purge Method: Bailer / (Disposable Bailer) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	removed 389 ml of SPH				
		+ 2.97 l H_2O			

Did well dewater? Yes (No)

Gallons actually evacuated:

Sampling Time:

Sampling Date:

Sample I.D.:

Laboratory: Pace Sequoia Other_____

Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol 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

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:

11132

Station #

3201 35th Ave, Oakland, CA

Station Address

Total Gallons Collected From Groundwater Monitoring Wells: 33

added equip. rinse water _____

any other adjustments _____

TOTAL GALS. RECOVERED 33

loaded onto BTS vehicle # 59

BTS event # 060823-SLZ

time 1400

date 8/23/06

signature SLZ

* *

REC'D AT _____

time _____

date ___/___/___

unloaded by signature _____

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 8/23/06

Site Address 3201 35th Ave Oakland CA

Job Number 060823-SL2 Technician SL

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-2		X						
MW-1	X							
MW-3	X							
MW-4	X							
MW-5	X							
MW-6	X							
MW-7	X							
MW-8	X							
MW-9	X							
MW-10	X							
RW-1	X							

NOTES:

MW-2 bolts stripped

WELL GAUGING DATA

Project # 060726.553 Date 9/28/06 Client BP 11132

Site 3201 35th AVE. OAKLAND.

Well ID	Time	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	Notes
MW-1	1215	2		22.35	.75	212	22.70	—		
MW-8	1203	2	NO SPH detected.				19.35	—		
MW-9	1206	2	NO SPH detected				19.52	—		
MW-10	1210	2	NO SPH detected				20.42	—		
RW-1	1158	6		20.98	.07	389	21.05	—	V	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060928-SS3	Station # 11132
Sampler: Sooch	Date: 9/28/06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ———	Depth to Water: 22.70
Depth to Free Product: 22.35	Thickness of Free Product (feet): .35
Referenced to: (PVC) 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	radius² * 0.163

Purge Method: Bailer / (Disposable Bailer) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
purged	212 ml	spl	+0.5 gal.	H2O	

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Time: — Sampling Date:

Sample I.D.: — Laboratory: Pace Sequoia Other ____

Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol — 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 #: 060928-553	Station # 11132
Sampler: Sooch	Date: 9/28/06
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ———	Depth to Water: 19.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	ND SPH detected.				

Did well dewater? Yes / No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia Other____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		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 #: 660928-553	Station # 11132
Sampler: Sooch	Date: 9/28/06
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: ~~~~	Depth to Water: 19.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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	radius² * 0.163

Purge Method: Bailer / (Disposable Bailer) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	no sheen detected.				

Did well dewater? Yes No		Gallons actually evacuated:		
Sampling Time:		Sampling Date:		
Sample I.D.:		Laboratory: Pace Sequoia Other ___		
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		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 #: 060728-553	Station # 11132
Sampler: Gooch	Date: 9/28/06
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ———	Depth to Water: 20.42
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC 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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	NO SPH detected.				

Did well dewater? Yes No				Gallons actually evacuated:	
Sampling Time:				Sampling Date:	
Sample I.D.:				Laboratory: Pace Sequoia Other____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol				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 #: 060928-SS3	Station # 11132
Sampler: Gooch	Date: 9/28/06
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: ———	Depth to Water: 21.05
Depth to Free Product: 20.98	Thickness of Free Product (feet): .07
Referenced to: (PVC) 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	radius² * 0.163

Purge Method: ~~Bailer~~ (Disposable Bailer) ~~Positive Air Displacement~~ Electric Submersible Extraction Pump Other: _____

Sampling Method: Bailer 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
+	purge	389 ml	spl + 0.5 gal. H2O.		

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia Other _____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		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

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 9/28/06

Site Address 3201 35th Ave. OAKLAND.

Job Number 060928-SS3 Technician Sooch

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1	X							
MW-8	X							
MW-9	X							
MW-10	X							
RW-1							X	

NOTES: RW-1: cap valve not secured. no bolts.

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been successfully uploaded!

Confirmation Number: 7248873770
Date/Time of Submittal: 10/23/2006 11:00:22 AM
Facility Global ID: T0600100213
Facility Name: BP #11132
Submittal Title: 3Q 06 GW Monitoring
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

BP
3201 35TH ST
OAKLAND, CA 94619

Regional Board - Case #: 01-0227
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: 3878
ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
7248873770	3Q 06 GW Monitoring	Q3 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	10/23/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	5
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

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%	N
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

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as BROADBENT-C (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

#11132

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Title:	**3Q 06 GEO_WELL**
Submittal Date/Time:	**10/23/2006 10:54:59 AM**
Confirmation Number:	**3335894525**

Back to Main Menu

Logged in as BROADBENT-C
(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.