R014

Atlantic Richfield Company
(a BP affiliated company)

4 Centerpointe Drive, Room 172
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Phone: (714) 670-5303
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October 4, 2004

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Third Quarter 2004 Groundwater Monitoring Report
Former BP Service Station #11132
3201 35th Avenue
Oakland, California
URS Project #38486814

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

Submitted by:

Kyle Christie
Environmental Business Manager

URS

October 4, 2004

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Third Quarter 2004 Groundwater Monitoring Report
Former BP Service Station #11132
3201 35th Avenue
Oakland, California
URS Project #38486814

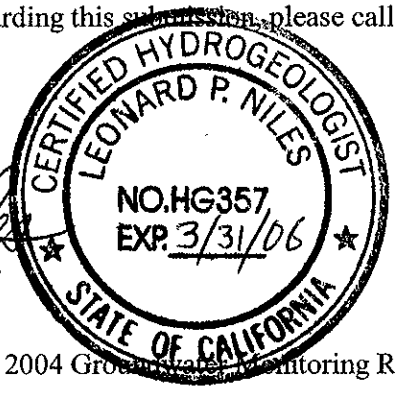
Dear Mr. Schultz:

On behalf of the Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) is submitting the *Third Quarter 2004 Groundwater Monitoring Report* for the Former BP Service Station #11132, located at 3201 35th Avenue, Oakland, California.

If you have any questions regarding this submission, please call me at (510) 874-1720.

Sincerely,

URS CORPORATION



Leonard P. Niles, R.G./C.H.G.
Project Manager

Enclosure: Third Quarter 2004 Groundwater Monitoring Report

cc: Mr. Kyle Christie, Atlantic Richfield Company (RM), (copy uploaded to ENFOS)
Ms. Liz Sewell, ConocoPhillips, (copy uploaded to FTP server)
Mr. Ade Fagorala, San Francisco Bay Regional Water Quality Control Board, 1515 Clay Street, Suite 1400, Oakland, CA 94612

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

REPORT

THIRD QUARTER 2004 GROUNDWATER MONITORING

FORMER BP SERVICE STATION #11132
3201 35TH AVENUE
OAKLAND, CALIFORNIA

Prepared for
RM

October 4, 2004

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

384864814

Date: October 4, 2004
Quarter: 3Q 04

RM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.:	11132	Address:	3201 35th Avenue Oakland, CA
RM Environmental Business Manager:			Kyle Christie
Consulting Co./Contact Person:			URS Corporation / Leonard Niles
Consultant Project No.:			38486814
Primary Agency/Regulatory ID No.:			Alameda County Environmental Health (ACEH)/ #RO0000014

WORK PERFORMED THIS QUARTER (Third – 2004):

1. Performed third quarter 2004 groundwater monitoring event on August 4, 2004.
2. Prepared and submitted third quarter 2004 groundwater monitoring report.
3. Performed monthly free product gauging and bailing as an interim remedial action measure.
4. Performed offsite expedited site assessment (six CPT borings) on July 21 – July 23, 2004.
5. Prepared and submitted expedited site assessment report.

WORK PROPOSED FOR NEXT QUARTER (Fourth – 2004):

1. Perform fourth quarter 2004 groundwater monitoring event.
2. Prepare and submit fourth quarter 2004 groundwater monitoring report.
3. Perform monthly free product gauging and bailing as an interim remedial action measure.
4. Install two offsite groundwater monitoring wells.
5. Prepare and submit a subsurface investigation completion report.

Current Phase of Project:	GW monitoring/sampling/Free Product Bailing
Frequency of Groundwater Sampling:	Quarterly: Wells MW-1, MW-2, MW-5, MW-8, MW-9, MW-10, & RW-1; Annually (1st quarter): Wells MW-3, MW-4, MW-6 and MW-7.
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	Free Product detected in MW-1 and RW-1 on July 2, Aug. 4, and Sept 22, 2004; MW-8, MW-9, and MW-10 on Aug. 4, 2004. Sheen in well MW-10 on July 2, 2004
FP Recovered this Quarter (as of 9/22/04):	0.83 Gallons
Cumulative FP Recovered Since 1990:	51.09 Gallons
Current Remediation Techniques:	Interim Free Product Bailing
Approximate Depth to Groundwater (8/4/04):	18.12 (MW-6) to 22.54 (MW-1) feet

Groundwater Gradient (direction):	East-Southeast
Groundwater Gradient (magnitude):	0.018 feet per foot

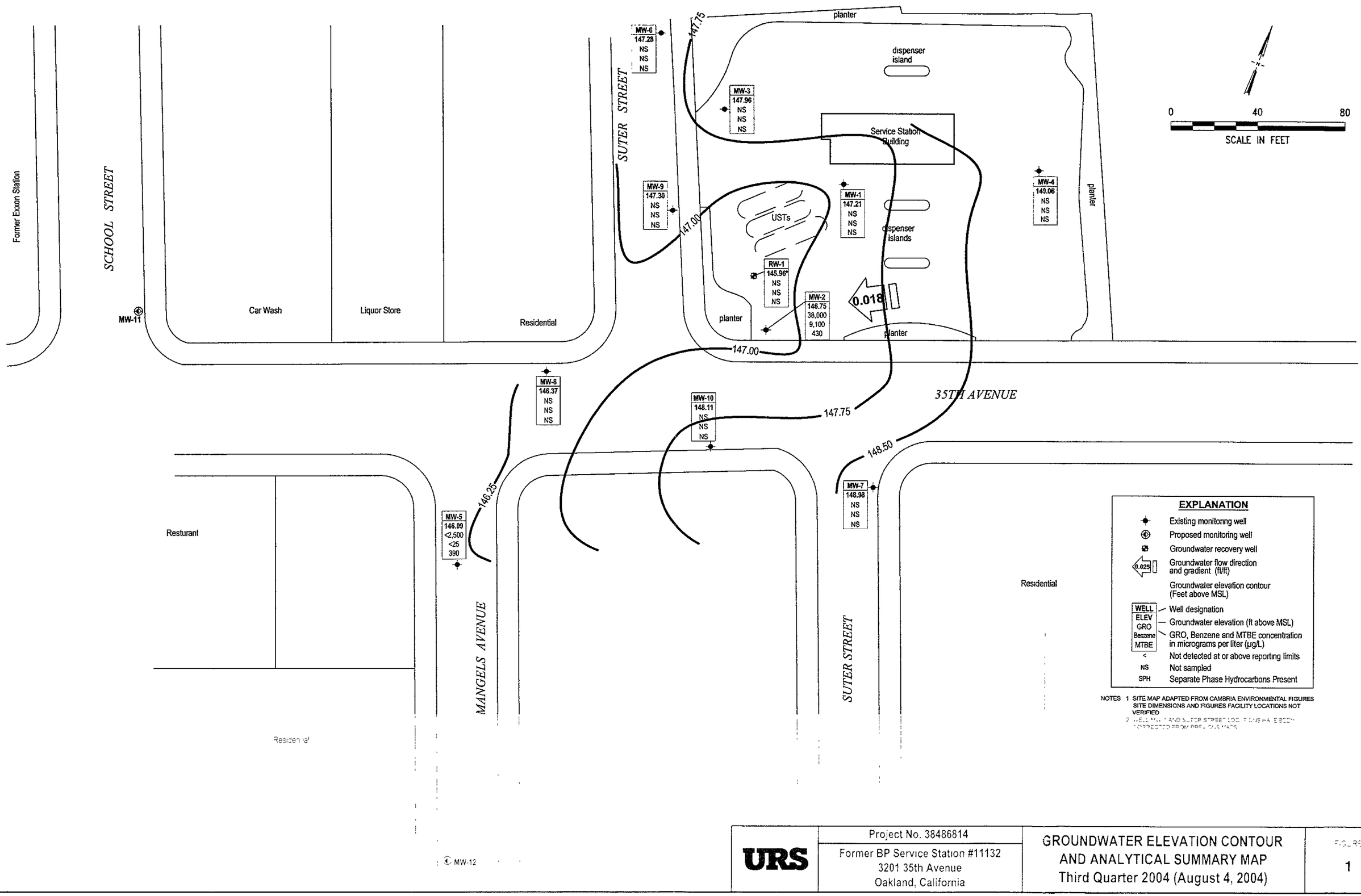
DISCUSSION:

Gasoline Range Organics (GRO) were detected above the laboratory detection limit in one of the two wells sampled this quarter at a concentration of 38,000 micrograms per liter (µg/L) (MW-2). Benzene was detected above the laboratory detection limit in one well at a concentration of 9,100 µg/L (MW-2). MTBE was detected above the laboratory detection limit in both wells at concentrations ranging from 390 µg/L (MW-5) to 430 µg/L (MW-2). No other fuel oxygenates were detected at or above the laboratory reporting limits.

Well MW-1, MW-8, MW-9, MW-10 and RW-1 could not be sampled due to the presence of free product; approximately 169 milliliters (ml) (0.04 gallons) of free product was bailed from MW-1, and approximately 612 ml (0.16 gallons) was bailed from RW-1 during the July 2, 2004 product gauging/ removal event. Approximately 300 milliliters (ml) (0.08 gallons) of free product was bailed from MW-1, approximately 400 milliliters (ml) (0.11 gallons) of free product was bailed from MW-8, approximately 200 milliliters (ml) (0.05 gallons) of free product was bailed from MW-9, approximately 400 milliliters (ml) (0.11 gallons) of free product was bailed from MW-10 and approximately 600 ml (0.16 gallons) was bailed from RW-1 during the August 4, 2004 monitoring event. Approximately 121 milliliters (ml) (0.03 gallons) of free product was bailed from MW-1, and approximately 334 ml (0.09 gallons) was bailed from RW-1 during the September 22, 2004 product gauging/ removal event.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – August 4, 2004
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Oxygenate Analytical Data
- Table 3 – Free Product Removal
- Attachment A – Concentration and Water Level Trends (MW-2, MW-5 & MW-9)
- Attachment B – Field Procedures and Field Data Sheets
- Attachment C – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment D – EDCC Report and EDF/Geowell Submittal Confirmation



NOTES 1 SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES SITE DIMENSIONS AND FIGURES FACILITY LOCATIONS NOT VERIFIED

2 WELL MW-1 AND SUTER STREET LOCATIONS HAVE BEEN CORRECTED FROM PREVIOUS MAPS

URS	Project No. 38486814 Former BP Service Station #11132 3201 35th Avenue Oakland, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Third Quarter 2004 (August 4, 2004)	FIGURE 1

Created On: Wed, 6 Oct 2004
Xrefs: wells, BP GEM Sites LDD, sym, 11132dwg\11132-3Q04-GW.dwg

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-1	7/9/1990	--	169.75		0.22		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	169.75		0.58		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	169.75	20.59	--		--	--	--	--	--	--	--	--	--	
	4/1/1991	--	169.75	16.51	0.15	153.09	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	169.75		0.18		--	--	--	--	--	--	--	--	--	
	9/27/1991	--	169.75		0.27		--	--	--	--	--	--	--	--	--	
	12/18/1991	--	169.75		0.28		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	169.75	22.30	0.27	147.18	--	--	--	--	--	--	--	--	--	
	10/5/1992	--	169.75	23.98	0.24	145.53	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	169.75	17.03	0.24	152.48	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	169.75	18.10	0.42	151.23	--	--	--	--	--	--	--	--	--	
	7/12/1993	--	169.75	22.02	0.49	147.24	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	169.75	25.12	1.09	143.54	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	169.75	23.02	0.76	145.97	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	169.75	24.54	1.80	143.41	--	--	--	--	--	--	--	--	--	
	8/1/1994	--	169.75	24.11	0.35	145.29	--	--	--	--	--	--	--	--	--	
	12/23/1994	--	169.75	18.19	0.29	151.27	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	169.75	16.25	1.10	152.40	--	--	--	--	--	--	--	--	--	
	6/8/1995	--	169.75	22.92	1.20	145.63	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	169.75	24.45	0.85	144.45	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	169.75	25.41	0.69	143.65	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	169.75	18.20	1.40	150.15	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	169.75	19.06	1.22	149.47	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	169.75	22.98	0.89	145.88	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	169.75	23.99	0.98	144.78	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	169.75	16.80	0.90	152.05	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	169.75	21.90	0.85	147.00	--	--	--	--	--	--	--	--	--	
	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	--	--	--	120,000	3,200	8,100	3,800	19,600	5,200	--	--	--	c
	8/21/1997	--	169.75	23.40	0.87	145.48	140,000	3,000	8,500	3,900	22,100	5,700	5.3	--	--	
	11/5/1997	--	169.75	--	--	--	88,000	7,300	4,800	3,600	16,900	8,200	--	--	--	c
	11/5/1997	--	169.75	23.70	0.54	145.51	68,000	6,200	4,400	3,300	14,300	8,000	4.7	--	--	
	2/3/1998	--	169.75	13.63	0.32	155.80	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132

3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-1	2/4/1998	--	169.75	--	--	--	160,000	2,300	8,400	5,000	29,400	<10000	--	--	--	c
	2/4/1998	--	169.75	--	--	--	190,000	2,200	10,000	5,600	32,000	<10000	5.3	--	--	
	5/28/1998	--	169.75	18.03	0.17	151.55	87,000	980	3,900	3,600	19,000	2,900	3.8	--	--	
	12/30/1998	--	169.75	19.50	0.08	150.17	70,000	530	3,200	2,900	16,000	3,600	--	--	--	
	2/2/1999	--	169.75	18.93	0.03	150.79	79,000	480	3,100	3,500	21,000	3,500	--	--	--	
	5/10/1999	--	169.75	18.28	0.03	151.44	110,000	160	1,900	3,700	24,000	3,000	--	--	--	
	8/24/1999	--	169.75	20.13	0.06	149.56	110,000	850	1,300	1,900	19,000	<50	--	--	--	
	11/3/1999	--	169.75	22.27	0.36	147.12	65,000	6,300	1,100	3,300	9,500	8,900	--	--	--	
	3/1/2000	--	169.75	14.79	0.23	154.73	--	--	--	--	--	--	--	--	--	h
	4/21/2000	--	169.75	18.10	0.33	151.32	61,000	330	780	2,700	17,000	1,300	--	--	--	
	7/31/2000	--	169.75	21.60	0.53	147.62	1,500,000	340	2,100	24,000	120,000	2,700	--	--	--	
	11/20/2000	--	169.75	21.69	0.37	147.69	1,700,000	1,800	2,300	19,000	93,000	3,900	--	--	--	
	2/18/2001	--	169.75	16.70	0.13	152.92	--	--	--	--	--	--	--	--	--	
	2/26/2001	--	169.75	14.38	0.15	155.22	100,000	658	466	4,210	15,000	1,890	--	--	--	
	6/7/2001	--	169.75	20.78	0.00	148.97	70,000	705	440	3,870	12,200	2,720	--	--	--	
	9/5/2001	--	169.75	23.36	0.35	146.04	--	--	--	--	--	--	--	--	--	j
	11/30/2001	--	169.75	20.85	0.41	148.49	--	--	--	--	--	--	--	--	--	k
	12/6/2001	--	169.75	18.72	0.27	150.76	39,000	3,500	237	2,150	4,500	5,400	--	--	--	
	2/20/2002	--	169.75	17.43	0.15	152.17	52,000	465	271	1,600	11,400	106	--	--	--	
	6/20/2002	--	169.75	21.18	0.34	148.23	--	--	--	--	--	--	--	--	--	j
	9/11/2002	--	169.75	22.86	0.40	146.49	--	--	--	--	--	--	--	--	--	j
	11/12/2002	--	169.75	22.65	0.37	146.73	--	--	--	--	--	--	--	--	--	j
	1/29/2003	--	169.75	18.15	0.30	151.30	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	169.75	18.49	0.20	151.06	--	--	--	--	--	--	--	--	--	j
	6/24/2003	--	169.75	21.44	0.35	147.96	--	--	--	--	--	--	--	--	--	o
	7/28/2003	--	169.75	22.72	0.35	146.68	--	--	--	--	--	--	--	--	--	j
	8/12/2003	--	169.75	22.64	0.23	146.88	--	--	--	--	--	--	--	--	--	o
	9/12/2003	--	169.75	20.70	0.24	148.81	--	--	--	--	--	--	--	--	--	o
	11/18/2003	NP	169.75	21.70	0.25	148.25	--	--	--	--	--	--	--	--	--	
	02/23/2004	NP	169.75	16.34	0.09	153.48	--	--	--	--	--	--	--	--	--	
	05/04/2004	NP	169.75	21.28	0.16	148.60	--	--	--	--	--	--	--	--	--	
	08/04/2004	**--**	**169.75**	**22.54**	**0.10**	**147.29**	--	--	--	--	--	--	--	--	--	
	09/22/2004	**NP**	**169.75**	**22.76**	**0.20**	**147.15**	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-2	7/9/1990	--	168.14		0.10		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	168.14		0.48		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	168.14	19.18	--		--	--	--	--	--	--	--	--	--	
	4/1/1991	--	168.14	15.21	0.10	152.83	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	168.14		0.19		--	--	--	--	--	--	--	--	--	
	9/27/1991	--	168.14		0.15		--	--	--	--	--	--	--	--	--	
	12/18/1991	--	168.14		0.36		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	168.14	20.93	0.03	147.18	--	--	--	--	--	--	--	--	--	
	10/5/1992	--	168.14	22.74	0.21	145.19	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	168.14	15.55	0.02	152.57	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	168.14	16.54	0.21	151.39	--	--	--	--	--	--	--	--	--	
	7/12/1993	--	168.14	20.46	0.06	147.62	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	168.14	24.91	0.31	142.92	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	168.14	21.20	--	146.94	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	168.14	22.44	--	145.70	1,800	140	370	54	290	24	1.7	--	--	i
	8/1/1994	--	168.14	22.24	0.04	145.86	--	--	--	--	--	--	--	--	--	
	12/23/1994	--	168.14	16.25	0.03	151.86	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	168.14	14.55	0.39	153.20	--	--	--	--	--	--	--	--	--	
	6/8/1995	--	168.14	21.18	0.43	146.53	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	168.14	22.76	0.36	145.02	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	168.14	23.61	0.30	144.23	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	168.14	15.95	0.15	152.04	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	168.14	17.33	0.07	150.74	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	168.14	21.25	0.05	146.84	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	168.14	22.27	0.01	145.86	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	168.14	15.19	0.01	152.94	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	168.14	20.22	0.01	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	0.01	146.39	110,000	6,000	16,000	4,700	28,000	<500	4.6	--	--	
	11/5/1997	--	168.14	21.61	0.01	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	17.70	--	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	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-2	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	--	145.70	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	--	--	--	
	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	21.60	--	146.54	130,000	7,600	13,000	5,400	30,000	<5000	--	--	--	
	11/12/2002	--	168.14	21.34	SHEEN	146.80	46,000	4,100	4,300	1,900	10,000	1,900	--	--	--	
	1/29/2003	--	168.14	16.80	SHEEN	151.34	77,000	4,700	2,600	2,800	13,000	820	--	--	--	n
	5/22/2003	--	168.14	17.15	SHEEN	150.99	52,000	6,400	2,600	1,800	7,400	1,000	--	--	--	
	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	Sheen
	05/04/2004	P	168.14	20.09	--	148.05	120,000	15,000	17,000	4,900	24,000	780	--	SEQM	6.6	Heavy sheen
	08/04/2004	**P**	**168.14**	**21.39**	**--**	**146.75**	**38,000**	**9,100**	**3,300**	**1,900**	**5,800**	**430**	**--**	**SEQM**	**6.69**	**Heavy sheen**
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	17.40	--	149.77	0.4	69	22	6.1	57	--	--	--	--	
	4/1/1991	--	167.17	13.69	--	153.48	ND	ND	ND	ND	ND	--	--	--	--	
	6/27/1991	--	167.17		--		380	28	26	13	46	--	--	--	--	
	9/27/1991	--	167.17		--		0.07	7.9	ND	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	--	--	--	--	
	1/13/1993	--	167.17	13.63	--	153.54	830	50	34	42	89	--	--	--	--	i

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-3	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	14.70	--	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	--	--	
	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	--	156.60	<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	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	167.17	19.21	--	147.96	--	--	--	--	--	--	--	--	--	
	3/1/2000	--	167.17	15.17	--	152.00	<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	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-3	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	18.00	--	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	18.40	--	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	15.60	--	151.57	--	--	--	--	--	--	--	--	--	
	7/28/2003	--	167.17	20.12	--	147.05	--	--	--	--	--	--	--	--	--	
	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**	--	--	--	--	--	--	--	--	--	
MW-4	7/9/1990	--	170.36		--		ND	ND	ND	ND	ND	--	--	--	--	
	12/21/1990	--	170.36		--		ND	ND	ND	ND	0.8	--	--	--	--	
	3/7/1991	--	170.36	20.72	--	149.64	ND	2.2	3.8	1.5	2.8	--	--	--	--	
	4/1/1991	--	170.36	17.49	--	152.87	ND	ND	ND	ND	ND	--	--	--	--	
	6/27/1991	--	170.36		--		ND	6.3	1.8	0.4	1	--	--	--	--	
	9/27/1991	--	170.36		--		ND	ND	ND	ND	ND	--	--	--	--	
	12/18/1991	--	170.36		--		ND	ND	ND	ND	ND	--	--	--	--	
	7/3/1992	--	170.36	22.16	--	148.20	<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	--	147.70	<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	--	--	
	12/23/1994	--	170.36	17.03	--	153.33	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-4	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	24.50	--	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	--	147.80	--	--	--	--	--	--	--	--	--	
	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	--	158.10	--	--	--	--	--	--	--	--	--	
	5/28/1998	--	170.36	18.50	--	151.86	70	<0.5	<1.0	<1.0	<1.0	160	4.2	--	--	
	12/30/1998	--	170.36	19.69	--	150.67	--	--	--	--	--	--	--	--	--	
	2/2/1999	--	170.36	18.26	--	152.10	70	<1.0	<1.0	<1.0	<1.0	130	--	--	--	
	5/10/1999	--	170.36	17.86	--	152.50	--	--	--	--	--	--	--	--	--	
	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	--	153.00	--	--	--	--	--	--	--	--	--	
	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	--	147.60	--	--	--	--	--	--	--	--	--	
	11/30/2001	--	170.36	21.30	--	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	19.80	--	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	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-4	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**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
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	16.60	--	148.54	ND	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		--		ND	ND	ND	ND	ND	--	--	--	--	
	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	17.30	--	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	16.80	--	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	--	144.20	--	--	--	--	--	--	--	--	--	
	10/30/1995	--	165.14		--		6,500	2,200	55	180	270	<250	7.5	--	--	
	1/25/1996	--	165.14	--	--	--	540	37	0.66	<0.50	<1.0	<5.0	--	--	--	c
	1/25/1996	--	165.14	13.30	--	151.84	590	37	0.7	<0.50	<1.0	<5.0	--	--	--	
	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	18.70	--	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

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-5	4/29/1997	--	165.14	16.74	--	148.40	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	--	146.30	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	13.50	--	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	--	151.10	--	--	--	--	--	--	--	--	--	
	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	15.30	--	149.84	--	--	--	--	--	--	--	--	--	
	9/5/2001	--	165.14	19.32	--	145.82	--	--	--	--	--	--	--	--	--	
	11/30/2001	--	165.14	17.44	--	147.70	--	--	--	--	--	--	--	--	--	
	2/20/2002	--	165.14	13.88	--	151.26	4,200	940	18.7	98.2	176	55.6	--	--	--	
	6/20/2002	--	165.14	16.20	--	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	18.90	--	146.24	3,200	690	14	81	100	120	--	--	--	
	11/18/2003	--	165.14	--	--	--	--	--	--	--	--	--	--	--	--	Well inaccessible 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**	
MW-6	7/9/1990	--	165.4		--		ND	ND	ND	ND	ND	--	--	--	--	
	12/21/1990	--	165.4		--		0.17	2.6	7	4.9	26	--	--	--	--	
	3/7/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-6	4/1/1991	--	165.4	11.79	--	153.61	ND	ND	ND	ND	ND	--	--	--	--	
	6/27/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
	9/27/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
	12/18/1991	--	165.4		--		ND	1.3	22	ND	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	18.10	--	147.30	<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	18.90	--	146.50	<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	13.90	--	151.50	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	165.4	17.83	--	147.57	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	165.4	18.90	--	146.50	<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	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-6	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	15.20	--	150.20	--	--	--	--	--	--	--	--	--	
	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	--	--	--	--	--	--	--	--	--	
	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	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	**165.40**	**18.12**	--	**147.28**	--	--	--	--	--	--	--	--	--	
MW-7	7/9/1990	--	167.61		--		ND	ND	ND	ND	ND	--	--	--	--	
	12/21/1990	--	167.61		--		ND	ND	ND	ND	ND	--	--	--	--	
	3/7/1991	--	167.61	19.04	--	148.57	ND	ND	0.4	0.3	2.4	--	--	--	--	
	4/1/1991	--	167.61	15.18	--	152.43	ND	ND	ND	ND	ND	--	--	--	--	
	6/27/1991	--	167.61		--		70	17	4	0.8	2.2	--	--	--	--	
	9/27/1991	--	167.61		--		ND	0.4	ND	ND	0.4	--	--	--	--	
	12/18/1991	--	167.61		--		ND	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	--	152.20	<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	--	146.00	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	1/21/1994	--	167.61	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	c
	1/21/1994	--	167.61	20.49	--	147.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132

3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-7	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	15.00	--	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	--	--	--	--	--	--	--	--	--	
	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	--	150.40	<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	--	147.50	<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	--	153.60	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	167.61	19.91	--	147.70	--	--	--	--	--	--	--	--	--	
	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	--	149.20	--	--	--	--	--	--	--	--	--	
	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	--	147.50	--	--	--	--	--	--	--	--	--	
	2/20/2002	--	167.61	18.40	--	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

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-7	1/29/2003	--	167.61	19.10	--	148.51	--	--	--	--	--	--	--	--	--	
	5/22/2003	--	167.61	18.83	--	148.78	--	--	--	--	--	--	--	--	--	
	7/28/2003	--	167.61	19.88	--	147.73	--	--	--	--	--	--	--	--	--	
	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**	--	--	--	--	--	--	--	--	--	
MW-8	3/7/1991	--	165.74	16.72	--	149.02	2.7	780	450	64	310	--	--	--	--	
	4/1/1991	--	165.74	12.54	--	153.20	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	0.01	145.25	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	165.74	12.87	0.01	152.86	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	165.74	13.90	SHEEN	151.84	--	--	--	--	--	--	--	--	--	
	7/12/1993	--	165.74	18.30	SHEEN	147.44	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	165.74	21.91	0.95	142.88	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	165.74	19.12	0.03	146.59	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	165.74	19.28	0.03	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	0.03	151.90	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	165.74		--		--	--	--	--	--	--	--	--	--	
	6/8/1995	--	165.74	17.82	0.29	147.63	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	165.74	19.41	0.20	146.13	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	165.74	20.47	0.14	145.13	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	165.74	13.35	0.22	152.17	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	165.74	14.40	0.20	151.14	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	165.74	18.35	0.14	147.25	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	165.74	19.41	0.02	146.31	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	165.74	12.29	0.01	153.44	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	165.74		--		--	--	--	--	--	--	--	--	--	e

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-8	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	0.10	146.19	57,000	790	2,700	2,300	15,200	<1000	5	--	--	
	2/3/1998	--	165.74	9.33	0.03	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	0.05	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	0.04	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	--	--	--	
	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	SHEEN	146.59	420	6.4	2.9	16	110	31	--	--	--	
	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	SHEEN	150.67	--	--	--	--	--	--	--	--	--	
	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	19.40	SHEEN	146.34	--	--	--	--	--	--	--	--	--	o
	9/12/2003	--	165.74	19.34	--	146.40	--	--	--	--	--	--	--	--	--	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	Sheen
	05/04/2004	P	165.74	18.87	--	146.87	42,000	570	230	1,700	8,400	2,000	--	SEQM	7.0	Sheen
	08/04/2004	**--**	**165.74**	**19.37**	**0.05**	**146.41**	--	--	--	--	--	--	--	--	--	
	09/22/2004	**NP**	**165.74**	**19.60**	**--**	**146.14**	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
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		--		ND	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
	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	0.89	143.50	--	--	--	--	--	--	--	--	--	
	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	0.05	145.97	--	--	--	--	--	--	--	--	--	
	12/23/1994	--	166.2	14.22	0.02	151.96	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	166.2	11.85	0.13	154.22	--	--	--	--	--	--	--	--	--	
	6/8/1995	--	166.2	18.33	--	147.87	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	166.2	19.95	0.01	146.24	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	166.2	20.88	0.01	145.31	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	166.2	13.84	0.07	152.29	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	166.2		--		--	--	--	--	--	--	--	--	--	
	7/23/1996	--	166.2	18.84	0.03	147.33	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	166.2	19.91	0.01	146.28	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	166.2	12.93	0.01	153.26	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	166.2	18.03	SHEEN	148.17	--	--	--	--	--	--	--	--	--	
	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	0.01	146.63	110,000	2,100	3,400	2,300	18,800	<500	5.1	--	--	
	11/5/1997	--	166.2	20.59	0.01	145.60	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

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-9	5/28/1998	--	166.2	14.21	0.01	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	19.10	--	147.10	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	--	--	--	
	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	19.40	SHEEN	146.80	840	5.8	3.6	28	160	21	--	--	--	
	1/29/2003	--	166.2	14.30	0.10	151.80	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	166.2	15.16	SHEEN	151.04	23,000	260	<50	1,000	2,900	<50	--	--	--	
	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	19.60	SHEEN	146.60	--	--	--	--	--	--	--	--	--	o
	9/12/2003	--	166.2	19.60	SHEEN	146.60	--	--	--	--	--	--	--	--	--	o
	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	Sheen
	05/04/2004	P	166.20	18.11	--	148.09	39,000	230	44	1,100	4,200	<25	--	SEQM	6.9	Heavy sheen
	08/04/2004	**--**	**166.20**	**18.90**	**0.03**	**147.32**	--	--	--	--	--	--	--	--	--	
	09/22/2004	**NP**	**166.20**	**19.69**	**--**	**146.51**	--	--	--	--	--	--	--	--	--	
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	ND	ND	ND	ND	ND	--	--	--	--	
	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	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-10	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	0.19	144.90	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	167.01	14.43	0.03	152.55	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	167.01	15.26	0.06	151.69	--	--	--	--	--	--	--	--	--	
	7/12/1993	--	167.01	19.78	0.45	146.78	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	167.01	22.90	0.69	143.42	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	167.01	20.25	0.06	146.70	--	--	--	--	--	--	--	--	--	
	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	22.00	0.28	144.73	--	--	--	--	--	--	--	--	--	
	12/23/1994	--	167.01	16.08	0.25	150.68	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	167.01	13.68	0.80	152.53	--	--	--	--	--	--	--	--	--	
	6/8/1995	--	167.01	19.08	--	147.93	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	167.01	20.73	0.70	145.58	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	167.01	21.69	0.63	144.69	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	167.01	15.05	0.81	151.15	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	167.01	16.26	0.58	150.17	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	167.01	20.18	0.62	146.21	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	167.01	21.20	0.20	145.61	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	167.01	13.66	0.14	153.21	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	167.01	18.71	0.21	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	0.14	146.68	170,000	9,500	35,000	4,300	27,100	<5000	5.3	--	--	
	11/5/1997	--	167.01	20.52	0.02	146.47	80,000	3,800	12,000	2,700	15,700	<500	4.4	--	--	
	2/3/1998	--	167.01	10.62	0.01	156.38	--	--	--	--	--	--	--	--	--	
	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	20.00	--	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	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-10	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	14.10	--	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	21.40	0.01	145.60	25,000	2,510	2,070	1,090	4,540	189	--	--	--	
	11/30/2001	--	167.01	18.50	--	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	18.80	--	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	0.07	146.57	--	--	--	--	--	--	--	--	--	j
	1/29/2003	--	167.01	16.33	0.03	150.65	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	167.01	16.32	SHEEN	150.69	13,000	2,100	850	630	1,600	300	--	--	--	
	6/24/2003	--	167.01	18.73	0.04	148.24	--	--	--	--	--	--	--	--	--	o
	7/28/2003	--	167.01	20.39	0.04	146.58	--	--	--	--	--	--	--	--	--	j
	8/12/2003	--	167.01	20.43	SHEEN	146.58	--	--	--	--	--	--	--	--	--	o
	9/12/2003	--	167.01	20.41	--	146.60	--	--	--	--	--	--	--	--	--	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	Sheen
	05/04/2004	P	167.01	18.81	--	148.20	35,000	3,100	3,600	1,400	5,600	<25	--	SEQM	7.1	Sheen
	08/04/2004	**--**	**167.01**	**18.90**	**0.08**	**148.17**	--	--	--	--	--	--	--	--	--	
	09/22/2004	**NP**	**167.01**	**20.60**	**--**	**146.41**	--	--	--	--	--	--	--	--	--	
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

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
QC-2	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		1.21		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	168.01		0.01		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	168.01	17.62	SHEEN	150.39	--	--	--	--	--	--	--	--	--	
	4/1/1991	--	168.01	14.40	0.11	153.50	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	168.01		0.04		--	--	--	--	--	--	--	--	--	
	9/27/1991	--	168.01		0.02		--	--	--	--	--	--	--	--	--	
	12/18/1991	--	168.01		0.02		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	168.01	20.66	SHEEN	147.35	--	--	--	--	--	--	--	--	--	
	10/5/1992	--	168.01	23.34	0.08	144.59	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	168.01	16.59	0.05	151.37	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	168.01	16.17	0.18	151.66	--	--	--	--	--	--	--	--	--	
	7/12/1993	--	168.01	20.18	0.06	147.77	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	168.01	25.70	0.56	141.75	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	168.01	21.24	0.40	146.37	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	168.01	32.20	--	135.81	--	--	--	--	--	--	--	--	--	
	8/1/1994	--	168.01	21.70	--	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	--	--	
	10/27/1995	--	168.01	32.00	--	136.01	--	--	--	--	--	--	--	--	--	
	10/30/1995	--	168.01	--	--	--	240	1.6	<1.0	<1.0	<2.0	630	--	--	--	c
	10/30/1995	--	168.01		--		230	1.4	<1.0	<1.0	<2.0	650	6.9	--	--	
	1/25/1996	--	168.01	15.41	--	152.60	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	--	--	--	47,000	3,700	2,500	930	5,300	35,000	--	--	--	c
	7/23/1996	--	168.01	20.76	--	147.25	46,000	3,600	2,300	900	5,100	36,000	7.4	--	--	
	11/11/1996	--	168.01	--	--	--	31,000	2,900	1,000	860	4,600	22,000	--	--	--	c

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
RW-1	11/11/1996	--	168.01	21.73	--	146.28	34,000	3,000	1,200	880	4,600	22,000	8.3	--	--	
	1/21/1997	--	168.01	--	--	--	270	42	17	2.7	36	1,500	--	--	--	c
	1/21/1997	--	168.01	14.20	--	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	--	--	
	11/5/1997	--	168.01	21.01	--	147.00	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	16.00	--	152.01	15,000	620	88	340	660	61,000	--	--	--	
	8/24/1999	--	168.01	20.00	--	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	0.02	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	0.03	146.91	--	--	--	--	--	--	--	--	--	j
	11/12/2002	--	168.01	20.92	0.02	147.07	--	--	--	--	--	--	--	--	--	j
	1/29/2003	--	168.01	16.31	0.04	151.66	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	168.01	16.68	SHEEN	151.33	--	--	--	--	--	--	--	--	--	j
	6/24/2003	--	168.01	19.76	0.07	148.18	--	--	--	--	--	--	--	--	--	o
	7/28/2003	--	168.01	21.04	0.04	146.93	--	--	--	--	--	--	--	--	--	j
	8/12/2003	--	168.01	21.41	SHEEN	146.60	--	--	--	--	--	--	--	--	--	o
	9/12/2003	--	168.01	21.10	0.07	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	0.01	153.67	--	--	--	--	--	--	--	--	--	
	05/04/2004	--	168.01	19.58	0.02	148.45	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
RW-1	08/04/2004	--	168.01	22.05	0.05	146.00	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	168.01	21.28	0.06	146.78	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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

Abbreviations:
GRO = Gasoline Range Organics, range C4-C12
TPH-g = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tert butyl ether
DO = Dissolved oxygen
DTW = Depth to Water
TOC = Top of casing
GWE = Groundwater elevation measured in feet above mean sea level
ug/L = Micrograms per liter
mg/L = Milligrams per liter
--- = Not analyzed/available/applicable/measurable
NS = Not sampled
ND = Not detected at or above reported detection limit
< = Not detected at or above reported detection limit
PACE = Pace, Inc.
ANA = Anametrix, Inc.
ATI = Analytical Technologies, Inc.
CEI = Ceimic Corporation
SPL = Southern Petroleum Laboratories

Notes:
(a)Casing elevations surveyed to the nearest 0.01 foot relative to mean sea level.
(b)Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.
(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 Peak @ C6-7
(n)TPH-g BTEX and MTBE analyzed by EPA method 8260 B beginning on 1st Quarter 2003 Sampling event (1/29/03)
(o)Groundwater samples are not collected during free product bailing event.
(p)Well not included in the monthly free product 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 top of casing elevation raised +0.47 ft during well repair, January 20, 2004

Note:Please note that beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPHg) has been changed to Gasoline Range Organics(GRO). The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported. Also, beginnig the second quarter 2004, the carbon range for GRO has been changed from C-6-C10 to C4-C12.

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132

3201 35th Ave, Oakland, CA

Source:The data within this table collected prior to June, 2002 was provided to URS by Atlantic Richfield Company and their previous consultants. URS has not verified the accuracy of this information.

Table 2

Fuel Additives Analytical Data

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

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
MW-1	1/29/2003	NS	NS	--	NS	NS	NS	NS	NS	
	5/22/2003	NS	NS	--	NS	NS	NS	NS	NS	
	7/28/2003	NS	NS	--	NS	NS	NS	NS	NS	
MW-2	1/29/2003	<4000	<2000	820	<50	<50	<50	<50	<50	
	5/22/2003	<10000	<2000	1,000	<50	<50	<50	NA	NA	
	7/28/2003	<20000	<4000 a	1,700	<100	<100	<100	<100	<100	
	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**	
MW-3	1/29/2003	<40	<20	0.76	<50	<50	<50	<50	<50	
	5/22/2003	NS	NS	--	NS	NS	NS	NS	NS	
	7/28/2003	NS	NS	--	NS	NS	NS	NS	NS	
	02/23/2004	<100	<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	
	5/22/2003	NS	NS	--	NS	NS	NS	NS	NS	
	7/28/2003	NS	NS	--	NS	NS	NS	NS	NS	
	02/23/2004	<100	<20	65	<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	
	5/22/2003	<10000	<2000	<50	<50	<50	<50	NA	NA	
	7/28/2003	<2000	<400	120	<10	<10	<10	<10	<10	
	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**	
MW-7	1/29/2003	NS	NS	--	NS	NS	NS	NS	NS	
	5/22/2003	NS	NS	--	NS	NS	NS	NS	NS	
	7/28/2003	NS	NS	--	NS	NS	NS	NS	NS	
MW-8	1/29/2003	<4000	<2000	<500	<50	<50	<50	<50	<50	
	5/22/2003	<5000	<1000	--	<25	<25	<25	NA	NA	
	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

Table 2

Fuel Additives Analytical Data

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

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
MW-8	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	
MW-9	1/29/2003	NS	NS	--	NS	NS	NS	NS	NS	
	5/22/2003	<10000	<2000	<50	<50	<50	<50	NA	NA	
	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	
MW-10	1/29/2003	NS	NS	--	NS	NS	NS	NS	NS	
	5/22/2003	<10000	<2000	300	<50	<50	<50	NA	NA	
	7/28/2003	NS	NS	--	NS	NS	NS	NS	NS	
	11/18/2003	<10,000	<2,000	<50	<50	<50	<50	--	--	a,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	
RW-1	1/29/2003	NS	NS	--	NS	NS	NS	NS	NS	
	5/22/2003	NS	NS	--	NS	NS	NS	NS	NS	
	7/28/2003	NS	NS	--	NS	NS	NS	NS	NS	
	11/18/2003	<10,000	11,000	6,100	<50	<50	160	--	--	a,b

Table 2

Fuel Additives Analytical Data

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

Abbreviations:
TBA = tert-Butyl alcohol
MTBE = Methyl tert-butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tert butyl ether
TAME = tert-Amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
mg/L = micrograms per liter
< = Not detected at or above the laboratory reporting limit
NA = Data not available, not analyzed, or not applicable
NS = Not Sampled

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

1. All fuel oxygenate compounds analyzed using EPA Method 8260B

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)	PRODUCT REMOVED CUMULATIVE (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

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)	PRODUCT REMOVED CUMULATIVE (Gallons)
(cont.)	MW-1	12/6/2001	0.27	0.04	34.91
	MW-1	2/20/2002	0.15	0.02	34.93
	MW-1	6/20/2002	0.34	0.07	35.00
	MW-1	9/11/2002	0.40	0.06	35.06
	MW-1	11/12/2002	0.37	0.06	35.12
	MW-1	1/29/2003	0.30	0.32	35.44
	MW-1	5/22/2003	0.20	0.14	35.58
	MW-1	6/24/2003	0.35	0.07	35.65
	MW-1	7/28/2003	0.35	0.08	35.66
	MW-1	8/12/2003	0.23	0.04	35.70
	MW-1	9/12/2003	0.24	0.04	35.74
	MW-1	10/3/2003	0.23	0.04	35.78
	MW-1	11/18/2003	0.25	0.04	35.82
	MW-1	12/31/2003	0.15	0.02	35.84
	MW-1	2/2/2004	0.15	0.02	35.86
	MW-1	2/23/2004	0.09	0.03	35.89
	MW-1	3/18/2004	0.09	0.010	35.90
	MW-1	4/13/2004	0.24	0.04	35.94
	MW-1	5/4/2004	0.16	0.03	35.97
	MW-1	6/2/2004	0.08	0.01	35.98
	MW-1	**7/2/2004**	**0.28**	**0.04**	**36.02**
	MW-1	**8/4/2004**	**0.10**	**0.08**	**36.10**
	MW-1	**9/22/2004**	**0.20**	**0.03**	**36.13**
	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
	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-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	0.002	1.07
	MW-9	11/18/2003	<0.01 (SHEEN)	--	1.07
	MW-9	12/31/2003	<0.01 (SHEEN)	--	1.07

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)	PRODUCT REMOVED CUMULATIVE (Gallons)
(cont)	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**	**-------Well Parked Over--------**		**1.07**
	MW-9	**8/4/2004**	**0.03**	**0.05**	**1.12**
	MW-9	**9/22/2004**	--	--	**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**
	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

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)	PRODUCT REMOVED CUMULATIVE (Gallons)
(cont.)	**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**
			Free Product Removed this Quarter =		**0.83**
			Total Free Product =		**51.09**

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.

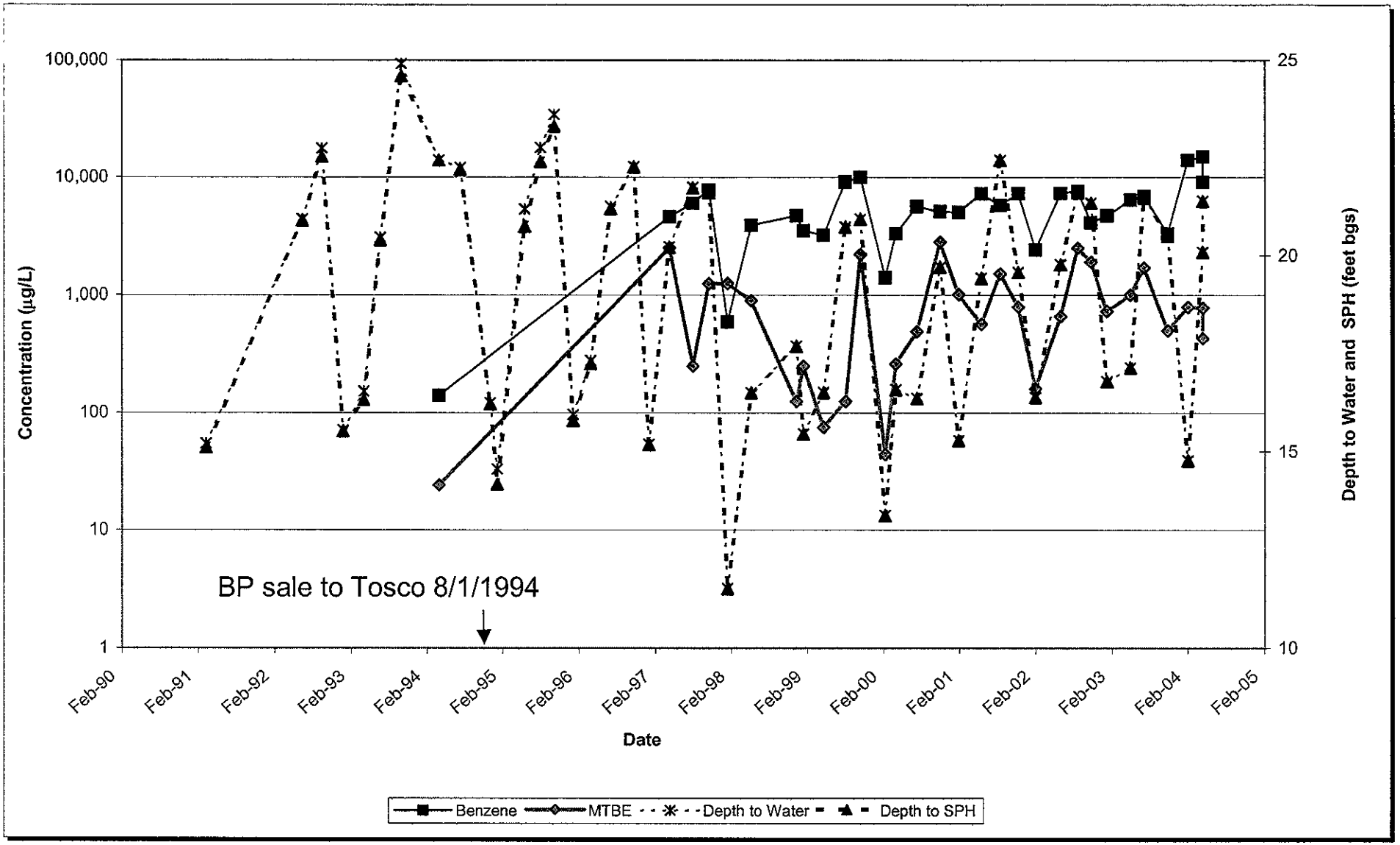
*** Data prior to 1998 is incomplete, and amounts removed are estimates based on quarter reports from the previous consultants.

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

ATTACHMENT A

CONCENTRATION AND WATER LEVEL TRENDS
(MW-2, MW-5 & MW-9)

Concentration and Water Elevation Trends
(MW-2)

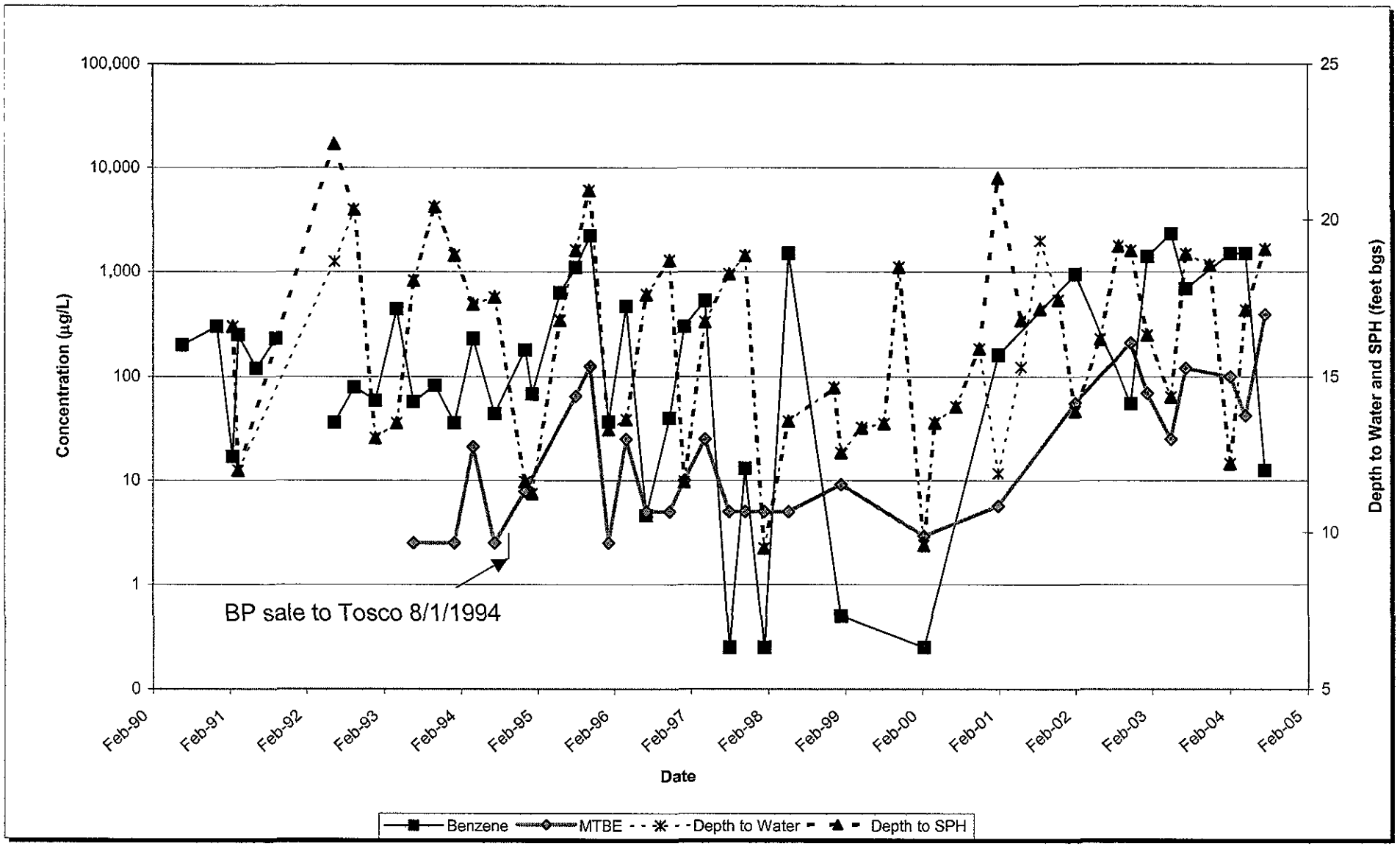


Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

X:\X_ENV_WASTE\BP GEM\SITES\LNILES SITES\11132\REPORTS\MONITORING\QTR. 3,2004\TABLES\11132 GWTS GRAPHS.xls

Graph 1

Concentration and Water Elevation Trends
(MW-5)

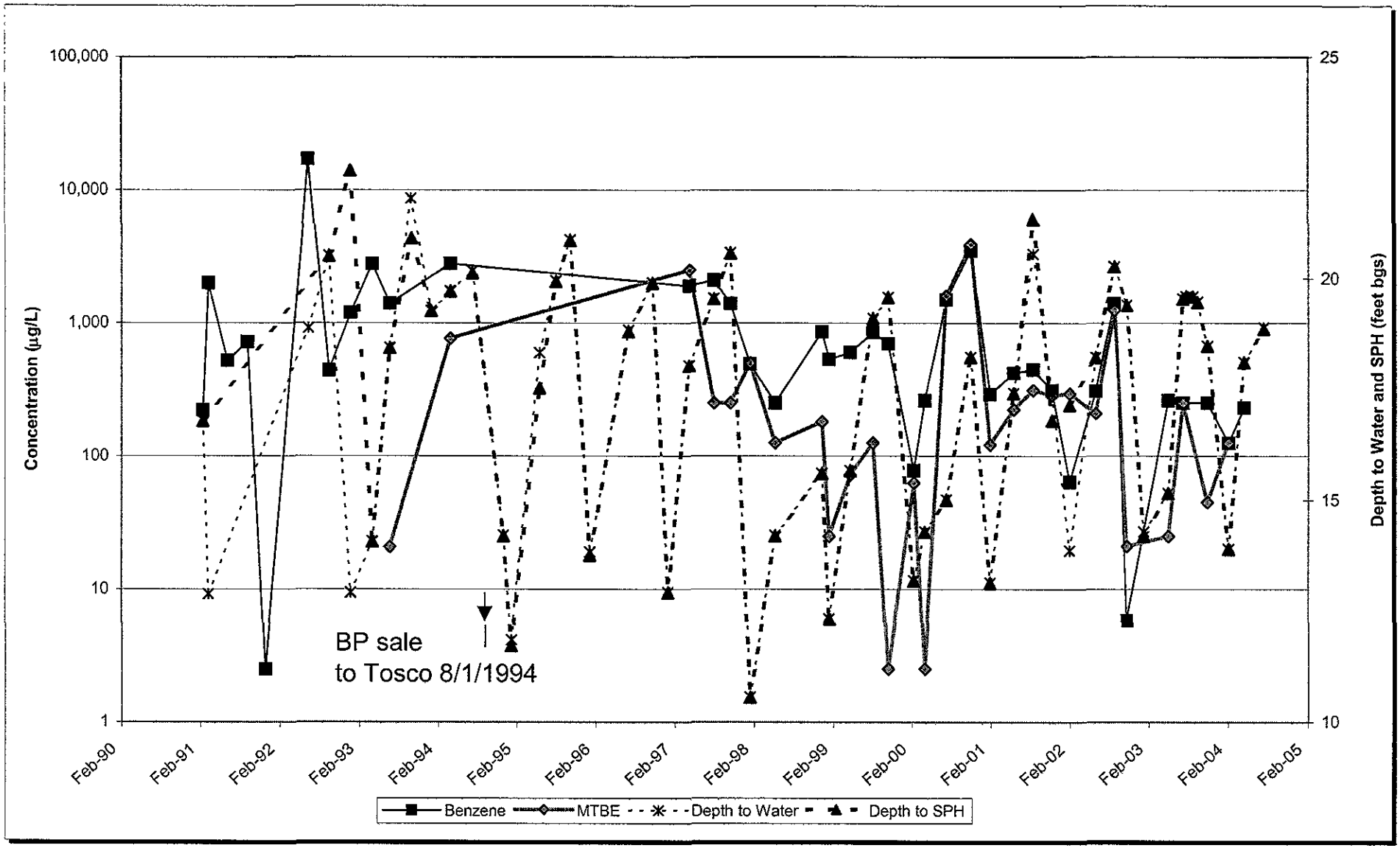


Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

X:\X_ENV_WASTE\BP GEM\SITES\LNILES SITES\11132\REPORTS\MONITORING\QTR. 3,2004\TABLES\11132GW SCHEMES.XLS

Graph 2

Concentration and Water Elevation Trends
(MW-9)



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

X:\X_ENV_WASTE\BP GEM\SITES\LNILES SITES\11132\REPORTS\MONITORING\QTR. 3,2004\TABLES\11132 GW GRAPHS 9204.ppt

Graph 3

ATTACHMENT B

FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD 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.

WELL GAUGING DATA

Project # 040702-BA1 Date 7/2/04 Client 11132

Site 3201 35th Ave, Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2		22.05	.28	169	22.33	—	TOC	
MW-8	2	No SPH Detected				18.96	—		
MW-9	2	Well Parked over				—	—		
MW-10	2	Heavy Sheen No SPH Detected				20.09	—		
RW-1	6		20.65	.11	612	20.76	—		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040702-BA1	Station # 11132
Sampler: Brian Alcorn	Date: 7/2/04
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: ~~22.05~~ 20.33
Depth to Free Product: ~~22.33~~ 20.05	Thickness of Free Product (feet): .28
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	Gals.
_____	X	_____	=	_____	Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
Bailed 1.69 mL SPH w/ 2 gallons 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		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 #: 040702-BA1	Station # 1132
Sampler: Brian Alcor	Date: 7/2/04
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: —	Depth to Water: 18.96
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		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 #: 040702-BA1	Station # 11132
Sampler: Brian Alcorn	Date: 7/2/04
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: —
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 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
Well Parked Over — Unable to Access					
Note: No Parking Zone 1230 - 1530 1st & 3rd Wednesdays					

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		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 #: 040702-BA1	Station # 11132
Sampler: Brian Alcorn	Date: 7/2/04
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: —	Depth to Water: 20.09
Depth to Free Product: —	Thickness of Free Product (feet): Heavy Sheen
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 Measurable SPH Detected – Sticky Black Sheen observed on probe.					

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: Page Sequoia Other _____

Analyzed for: GRO BTEX MTBE DRO Other:

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040702-BA1	Station # 11132
Sampler: Brian Alcom	Date: 7/2/04
Well I.D.: MW-1	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: —	Depth to Water: 20.76
Depth to Free Product: 20.65	Thickness of Free Product (feet): .11
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
Bailed 612 mL SPH w/ 3 gallons H2O					

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

bp

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 7/2/04

Site Address 3201 35th Ave, Oakland

Job Number 040702-3A1 Technician Brian Alcorn

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	Unable to Access – Parked Over							
MW-10	X							
RW-1		No Bolts						

NOTES:

WELL GAUGING DATA

Project # 040804-MT3 Date 8-4-04 Client 11132

Site 3201 35th Ave., Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2		22.44	0.10	~300	22.54	—		
MW-2	2					21.39	31.60		
MW-3	2					19.21	34.42		
MW-4	2					21.30	39.85		
MW-5	2	strong odor				19.05	31.99		
MW-6	2					18.12	34.45		
MW-7	2					19.10	34.75		
MW-8	2		19.32	0.05	~400	19.37	—		
MW-9	2		18.87	0.03	~200	18.90	—		
MW-10	2		~~18.82~~ 18.92	0.08	~400	18.90	—		
RW-1	6		22.00	0.05	~600	22.05	—		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040804-MT3	Station # 0132
Sampler: M.T.	Date: 8/4/04
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 22.54
Depth to Free Product: 22.44	Thickness of Free Product (feet): 0.10
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
	Removed		~300 ml	of SPH	

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		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 #: 040804-LT3	Station # 11132
Sampler: L.T.	Date: 8/4/04
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 31.60	Depth to Water: 21.39
Depth to Free Product:	Thickness of Free Product (feet): 23.43
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.

1.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 4.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1347	69.3	6.60	1718	1.6	Heavy Sheen
1349	69.7	6.68	1950	3.2	" "
1352	69.8	6.69	1873	4.8	" "

Did well dewater? Yes (No)		Gallons actually evacuated: 4.8	
Sampling Time: 1355		Sampling Date: 8/4/04	
Sample I.D.: MW-2		Laboratory: Pace (Sequoia) Other_____	
Analyzed for: (GRO) (BTEX) MTBE DRO		Other: Oxy, Ethanol, EDB & DCA	
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 #: 040804-MT3	Station # 1132
Sampler: M.T.	Date: 8/4/04
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 31.99	Depth to Water: 19.05
Depth to Free Product:	Thickness of Free Product (feet): 21.64
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.

2.1 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 6.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1330	69.4	6.54	1259	2.1	
1333	69.0	6.67	1312	4.2	
1336	69.1	6.69	1320	6.3	

Did well dewater? Yes (No) Gallons actually evacuated: 6.3

Sampling Time: 1340 Sampling Date: 8/4/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: Oxy Ethanol EDB 1,2 DCA

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 #: 040804-MT3	Station # 11132
Sampler: M.T.	Date: 8/4/04
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 19.37
Depth to Free Product: 19.32	Thickness of Free Product (feet): 0.05
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
_____	X	_____	=	_____ Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	Removed ~400 ml of SPH				

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		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 #: 040804-MT3	Station # 11132
Sampler: M.T.	Date: 8/4/04
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 18.90
Depth to Free Product: 18.87	Thickness of Free Product (feet): 0.03
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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	Removed	~ 200 ml	of FPH		

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		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 #: 040804-MT3	Station # 11132
Sampler: M.T.	Date: 8/4/04
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 18.90
Depth to Free Product: 18.82	Thickness of Free Product (feet): 0.08
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) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	Removed ~400 ml of SPH				

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	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 #: 040804-MB	Station # 1132
Sampler: M.T.	Date: 8/4/04
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: —	Depth to Water: 22.05
Depth to Free Product: 22.00	Thickness of Free Product (feet): 0.05
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
	Removed		~ 600 ml of SPH		

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		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 8/4/04

Site Address 3201 35th Ave., Oakland

Job Number 040804-MT3 Technician MTD

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	✓							
MW-2	✓							
MW-3	✓							
MW-4	✓							
MW-5	✓							
MW-6	✓							
MW-7	✓							
MW-8	✓							
MW-9	✓							
MW-10	✓							
RW-1	✓							

NOTES:

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

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

11

added equip. rinse water 2

any other adjustments

TOTAL GALS. RECOVERED 13

loaded onto BTS vehicle # 62

BTS event #	time	date
040804-MT3	1430	8/4/04

signature mcHall

* *

REC'D AT	time	date
BTS	1545	8/4/04

unloaded by signature mcHall

WELL GAUGING DATA

Project # 040922-MN1 Date 9/22/04 Client bp 11132

Site 3201 35th Ave. Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2		22.56	.20	121	22.76	—		
MW-8	2		—	—	—	19.00			
MW-9	2		—	—	—	19.69	—		
MW-10	2		—	—	—	20.60	—		
RW-1	6		21.22	.06	334	21.28	—	TOC	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040922-MN1	Station # 1132
Sampler: MCM	Date: 9/22/04
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 22.76
Depth to Free Product: 22.56	Thickness of Free Product (feet): .20
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 STH Bail Specified Volumes = _____ Gals. Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		Bailed ~ 1.71 gal		from well	

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		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 #: 040922-MW1	Station # 11132
Sampler: MDN	Date: 9/22/04
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ____	Depth to Water: 19.60
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 Case Volume (Gals.)	Specified Volumes	Calculated Volume
____	X SPH CHECK	____ Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		NA	SPH Detected w/ interface probe		

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	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 #: 040922-MN1	Station # 1132
Sampler: MON	Date: 9/22/04
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ____	Depth to Water: 19.69
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 SPH Bail (Specified Volumes) = ____ Gals. (Calculated Volume)

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

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		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 #: 040922-MN1	Station # 1132
Sampler: MON	Date: 9/22/04
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 20.60
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 Case Volume (Gals.)	x Specified Volumes	= Calculated Volume
_____	SPH CHECK	_____ Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		NO	SPH Detected w/ interface probe		

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		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 #: 040922-MN-1	Station # 1113Z
Sampler: MRN	Date: 9/22/04
Well I.D.: MW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: ____	Depth to Water: ____ 21.28
Depth to Free Product: 21.22	Thickness of Free Product (feet): .06
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 SPH Bail (Specified Volumes) = ____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		Bailed ~ 334 ml		from well	

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	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 09/22/04

Site Address 3201 35th Ave. Oakland

Job Number 040922-MN1 Technician MON

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:

ATTACHMENT C

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

LABORATORY PROCEDURES

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.

Sequoia Analytical

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

25 August, 2004

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

RE: BP Heritage #11132, Oakland, CA
Work Order: MNH0098

Enclosed are the results of analyses for samples received by the laboratory on 08/05/04 16:43. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MNH0098
1333 Broadway, Suite 800	Project Number: N/P	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	08/25/04 14:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MNH0098-01	Water	08/04/04 13:55	08/05/04 16:43
MW-5	MNH0098-02	Water	08/04/04 13:40	08/05/04 16:43
TB080404	MNH0098-03	Water	08/04/04 00:00	08/05/04 16:43

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.

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MNH0098
1333 Broadway, Suite 800	Project Number: N/P	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	08/25/04 14:21

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MNH0098-01) Water Sampled: 08/04/04 13:55 Received: 08/05/04 16:43									
Ethanol	ND	50000	ug/l	500	4H17003	08/17/04	08/18/04	EPA 8260B	
tert-Butyl alcohol	ND	10000	"	"	"	"	"	"	
Methyl tert-butyl ether	**430**	250	"	"	"	"	"	"	
Di-isopropyl ether	ND	250	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	250	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	250	"	"	"	"	"	"	
Benzene	**9100**	250	"	"	"	"	"	"	
Toluene	**3300**	250	"	"	"	"	"	"	
Ethylbenzene	**1900**	250	"	"	"	"	"	"	
Xylenes (total)	**5800**	250	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**38000**	25000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*		*78-129*		"	"	"	
MW-5 (MNH0098-02) Water Sampled: 08/04/04 13:40 Received: 08/05/04 16:43									
Ethanol	ND	5000	ug/l	50	4H17003	08/17/04	08/18/04	EPA 8260B	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Methyl tert-butyl ether	**390**	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
Benzene	ND	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95 %*		*78-129*		"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MNH0098
1333 Broadway, Suite 800	Project Number: N/P	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	08/25/04 14:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4H17003 - EPA 5030B P/T										
Blank (4H17003-BLK1)				Prepared & Analyzed: 08/17/04						
Ethanol	ND	100	ug/l							IC
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0 50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*3.98*		"	*5.00*		*80*	*78-129*			
Laboratory Control Sample (4H17003-BS1)				Prepared & Analyzed: 08/17/04						
Ethanol	167	100	ug/l	200		84	31-143			IC
tert-Butyl alcohol	52.2	20	"	50.0		104	56-131			
Methyl tert-butyl ether	8.41	0.50	"	10.0		84	63-137			
Di-isopropyl ether	9.00	0.50	"	10.0		90	76-130			
Ethyl tert-butyl ether	9.35	0.50	"	10.0		94	81-121			
tert-Amyl methyl ether	9.79	0.50	"	10.0		98	82-140			
1,2-Dichloroethane	8.59	0 50	"	10.0		86	77-136			
1,2-Dibromoethane (EDB)	9.23	0.50	"	10 0		92	77-132			
Benzene	9 38	0.50	"	10.0		94	69-124			
Toluene	11.3	0.50	"	10.0		113	78-129			
Ethylbenzene	11.8	0.50	"	10.0		118	84-132			
Xylenes (total)	35.8	0.50	"	30.0		119	83-137			
Surrogate: 1,2-Dichloroethane-d4	*4.20*		"	*5.00*		*84*	*78-129*			

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MNH0098
1333 Broadway, Suite 800	Project Number: N/P	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	08/25/04 14:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4H17003 - EPA 5030B P/T										
Laboratory Control Sample (4H17003-BS2)				Prepared & Analyzed: 08/17/04						
Gasoline Range Organics (C4-C12)	402	50	ug/l	440		91	70-124			
Surrogate: 1,2-Dichloroethane-d4	*4.82*		"	*5.00*		*96*	*78-129*			
Laboratory Control Sample Dup (4H17003-BSD1)				Prepared & Analyzed: 08/17/04						
Ethanol	161	100	ug/l	200		80	31-186	4	37	
tert-Butyl alcohol	55.5	20	"	50.0		111	0-206	6	22	
Methyl tert-butyl ether	9.91	0.50	"	10.0		99	63-137	16	13	RB
Di-isopropyl ether	10.3	0.50	"	10.0		103	76-130	13	9	RB
Ethyl tert-butyl ether	10.7	0.50	"	10.0		107	61-141	13	9	RB
tert-Amyl methyl ether	11.2	0.50	"	10.0		112	56-140	13	12	RB
1,2-Dichloroethane	9.88	0.50	"	10.0		99	77-136	14	13	RB
1,2-Dibromoethane (EDB)	11.0	0.50	"	10.0		110	77-132	17	9	RB
Benzene	10.3	0.50	"	10.0		103	78-124	9	12	
Toluene	11.3	0.50	"	10.0		113	78-129	0	10	
Ethylbenzene	11 7	0.50	"	10.0		117	84-117	0.9	10	
Xylenes (total)	33 7	0.50	"	30.0		112	83-125	6	11	
Surrogate: 1,2-Dichloroethane-d4	*4.70*		"	*5.00*		*94*	*78-129*			
Matrix Spike (4H17003-MS1)	**Source: MNH0098-02**			Prepared: 08/17/04		Analyzed: 08/18/04				
Methyl tert-butyl ether	868	25	ug/l	496	390	96	63-137			
Benzene	312	25	"	320	12	94	78-124			
Toluene	1900	25	"	1480	5.5	128	78-129			
Ethylbenzene	440	25	"	348	ND	126	84-117			LM
Xylenes (total)	2070	25	"	1680	ND	123	83-125			
Gasoline Range Organics (C4-C12)	19500	2500	"	22000	ND	89	70-124			
Surrogate: 1,2-Dichloroethane-d4	*4.67*		"	*5.00*		*93*	*78-129*			
Matrix Spike Dup (4H17003-MSD1)	**Source: MNH0098-02**			Prepared: 08/17/04		Analyzed: 08/18/04				
Methyl tert-butyl ether	934	25	ug/l	496	390	110	63-137	7	13	
Benzene	342	25	"	320	12	103	78-124	9	12	
Toluene	2030	25	"	1480	5 5	137	78-129	7	10	LM
Ethylbenzene	484	25	"	348	ND	139	84-117	10	10	LM
Xylenes (total)	2230	25	"	1680	ND	133	83-125	7	11	LM
Gasoline Range Organics (C4-C12)	20600	2500	"	22000	ND	94	70-124	5	20	
Surrogate: 1,2-Dichloroethane-d4	*4.81*		"	*5.00*		*96*	*78-129*			

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MNH0098
1333 Broadway, Suite 800	Project Number: N/P	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	08/25/04 14:21

Notes and Definitions

RB	RPD exceeded method control limit; % recoveries within limits.
LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
IC	Calib. verif. is within method limits but outside contract limits
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

bp

Project Name GWM
BP BU/GEM CO Portfolio Retail 11132 (MNHOCOX)
BP Laboratory Contract Number: Atlantic Richfield Company 461000
Date: 8/4/04 Requested Due Date (mm/dd/yy) 14 day TAT

On-site Time: 1230	Temp: 70°
Off- site Time: 1430	Temp: 75°
Sky Conditions: Clear	
Meteorological Events: NONE	
Wind Speed: 0	Direction: 0

Send To:	BP/GEM Facility No.: 11132	Consultant/Contractor: URS
Lab Name: SEQUOIA	BP/GEM Facility Address: 3201 35TH AVENUE, OAKLAND, CA	Address: 1333 Broadway, Suite 800
Lab Address: 885 Jarvis Dr.	Site ID No. 11132	Oakland, CA 94612
Morgan Hill, CA 95037	Site Lat/Long:	e-mail EDD: donna cosper@URSCorp.com
	California Global ID #: T0600100213	Consultant/Contractor Project No.:
Lab PM Lisa Race	BP/GEM PM Contact: PAUL SUPPLE	Consultant Tele/Fax: 510-893-3600/510-874-3268
Tele/Fax: 408-776-9600 /408-782-6308	Address: P.O. Box 6549	Consultant/Contractor PM: Leonard Niles
Report Type & QC Level: 1 Send EDF Reports	Moraga, CA 94570	Invoice to: Consultant/Contractor or BP/GEM (Circle one)
BP/GEM Account No.: 400-6-21124	Tele/Fax: 925-299-8891/925-299-8872	BP/GEM Work Release No:

Lab Bottle Order No:

Item No.	Sample Description	Time 08/04	Matrix: Soil/Solid	Water/Liquid	Sediments	Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	Requested Analysis: GRO / BTEX (8015/8021/8260)	DRO w/SGC (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-2	1355		X			1	3				X	X				X	X	X	
2	MW-5	1340		X			2	3				X	X				X	X	X	
3	TB080404			X			3	2				X	X				X	X	X	"HOLD"
4																				
5																				
6																				
7																				
8																				
9																				
10																				

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Mike Toll						
Sampler's Company: BlaineTech	[signature] / BTS	8/5/04	1541	[signature]	8/5/04	1541
Shipment Date:	[signature]	8/5/04	1643	Laarang	08/5/04	16:43
Shipment Method:						
Shipment Tracking No:						

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

Coolers In Place Yes ___ No ___ Temperature Blank Yes ✓ No ___ Cooler Temperature on Receipt 1.0 °F/C Trip Blank Yes ✓ No ___

ATTACHMENT D

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Electronic Submittal Information

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UPLOADING A GEO_WELL FILE

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Submittal Title:	**3Q04 GEO_WELL Submittal Site BP#11132**
Submittal Date/Time:	**9/29/2004 11:10:51 AM**
Confirmation Number:	**1412190079**

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Confirmation Number: 4744608402
Date/Time of Submittal: 9/29/2004 10:47:22 AM
Facility Global ID: T0600100213
Facility Name: BP
Submittal Title: 3Q04 GW Monitoring Report SIte BP#11132
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) - **(BG)**
Local Agency (lead agency) - Case #: 3878
ALAMEDA COUNTY LOP - **(RWS)**

CONF #	TITLE	QUARTER
4744608402	3Q04 GW Monitoring Report SIte BP#11132	Q3 2004

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	9/29/2004	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

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

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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Electronic Submittal Information

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USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	9/29/2004 10:43:07 AM
GLOBAL ID:	T0600100213
FILE UPLOADED:	BP#11132-EDF-MNH0098.zip

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BP
3201 35TH ST
OAKLAND, CA 94619

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

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	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%	N
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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