Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

January 11, 2005

Re: Fourth 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, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple
Environmental Business Manager

URS

January 11, 2005

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

Re: Fourth 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 *Fourth 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

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

CERTIFIED HYDROGEOLOGIST
LEONARD P. NILES
NO. HG057
EXP. 3/31/06
STATE OF CALIFORNIA

Enclosure: Fourth Quarter 2004 Groundwater Monitoring Report

cc: Mr. Kyle Christie, Atlantic Richfield Company (RM), copy uploaded to ENFOS
Ms. Liz Sewell, ConocoPhillips, copy uploaded to URS 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

FOURTH QUARTER 2004 GROUNDWATER MONITORING REPORT

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

Prepared for
RM

January 11, 2005

URS
URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38486814

Date: January 11, 2005

Quarter: 4Q 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 (Fourth – 2004):

1. Performed fourth quarter 2004 groundwater monitoring event on November 10, 2004.
2. Prepared and submitted this fourth quarter 2004 groundwater monitoring report.
3. Performed monthly free product gauging and bailing as an interim remedial action measure.

WORK PROPOSED FOR NEXT QUARTER (First – 2005):

1. Perform first quarter 2005 groundwater monitoring event.
2. Prepare and submit first quarter 2005 groundwater monitoring report.
3. Perform monthly free product gauging and bailing as an interim remedial action measure.
4. Install two offsite groundwater monitoring wells, pending agency approval.
5. Prepare and submit a subsurface investigation completion report, pending agency approval.

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 and MW-4. Not Sampled: 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 October 26, November 10, and December 27, 2004; Sheen in well MW-8, MW-9 and MW-10 on November 10, 2004
FP Recovered this Quarter (as of 12/27/04):	0.10 Gallons
Cumulative FP Recovered Since 1990:	51.19 Gallons
Current Remediation Techniques:	Interim Free Product Bailing
Approximate Depth to Groundwater (10/26/04):	15.75 (MW-6) to 20.65 (MW-4) feet
Groundwater Gradient (direction):	Southeast
Groundwater Gradient (magnitude):	0.002 feet per foot

DISCUSSION:

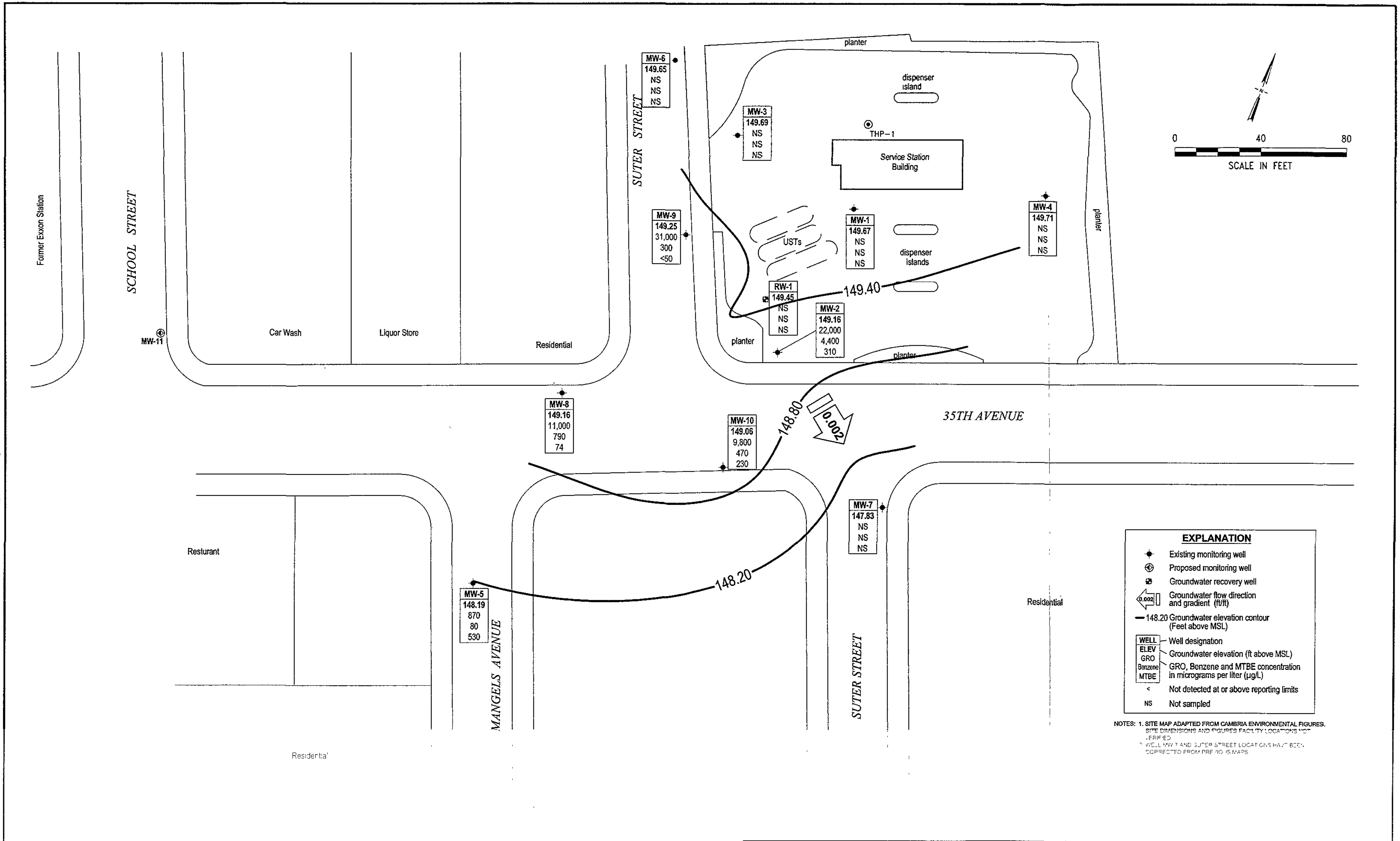
Gasoline range organics (GRO) were detected at or above the laboratory detection limit in all five wells sampled this quarter at concentrations ranging from 870 micrograms per liter (µg/L) (MW-5) to 31,000 µg/L (MW-9). Benzene was detected at or above the laboratory detection limit in all five wells sampled this quarter at concentrations ranging from 80 µg/L (MW-5) to 4,400 µg/L (MW-2). Ethylbenzene was detected at or above the laboratory detection limit in four wells sampled this quarter at concentrations ranging from 450 µg/L (MW-10) to 1,100 µg/L (MW-9). Toluene was detected at or above the laboratory detection limit in three wells sampled this quarter at concentrations ranging from 61 µg/L (MW-8) to 2,000 µg/L (MW-2). Xylene was detected at or above the laboratory detection limit in four wells sampled this quarter at concentrations ranging from 830 µg/L (MW-8) to 3,800 µg/L (MW-9). Methyl tert-butyl ether (MTBE) was detected at or above the laboratory detection limit in four wells sampled this quarter at concentrations ranging from 74 µg/L (MW-8) to 530 µg/L (MW-5). Tert-amyl methyl ether (TAME) was detected at or above the laboratory detection limit in one well at a concentration of 5.5 µg/L (MW-5).

Well MW-1 and RW-1 could not be sampled due to the presence of free product; approximately 73 milliliters (ml) (0.019 gallons) of free product were bailed from MW-1, and approximately 56 ml (0.015 gallons) were bailed from RW-1 during the October 26, 2004 product gauging/ removal event. Approximately 85 ml (0.022 gallons) of free product were bailed from MW-1, approximately 111 ml (0.029 gallons) of free product were bailed from RW-1 during the November 10, 2004 monitoring event. Approximately 48 milliliters (ml) (0.01 gallons) of free product was bailed from MW-1, and approximately 25 ml (0.01 gallons) was bailed from RW-1 during the December 27, 2004 product gauging/ removal event.

An oversight occurred in the Third Quarter Groundwater Monitoring Report, when the groundwater gradient direction was mistyped on the report as "East – Southeast". The correct gradient, as seen on the Groundwater Elevation Contour and Analytical Summary Map, should have read "Southwest". In order to help verify the current lateral plume extent, URS proposes adding wells MW-6 and MW-7 to the annual sampling schedule starting First Quarter 2005. These wells have not been sampled since 1998, and historically contained non-detectable to very low concentrations.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – November 10, 2004
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Free Product Removal
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/Geowell Submittal Confirmations



URS

Project No. 38486814

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

GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP
Fourth Quarter 2004 (November 10, 2004)

FIGURE 1

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	--	--	--	--	--	--	--	--	--	
	11/10/2004	--	**169.75**	**20.19**	**0.14**	**149.67**	--	--	--	--	--	--	--	--	--	

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	--	--	--	

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	2/2/1999	--	168.14	15.46	--	152.68	170,000	3,500	1,500	5,200	34,000	<500	--	--	--	
	5/10/1999	--	168.14	16.52	--	151.62	84,000	3,200	3,200	3,700	20,000	75	--	--	--	
	8/24/1999	--	168.14	20.73	--	147.41	130,000	9,100	9,200	4,700	27,000	<250	--	--	--	
	11/3/1999	--	168.14	20.93	--	147.21	120,000	10,000	21,000	4,700	30,200	2,200	--	--	--	
	3/1/2000	--	168.14	13.37	--	154.77	39,000	1,400	1,500	1,700	8,100	44	--	--	--	
	4/21/2000	--	168.14	16.59	--	151.55	68,000	3,300	2,500	3,100	20,000	260	--	--	--	
	7/31/2000	--	168.14	16.37	--	151.77	99,000	5,600	1,400	4,300	22,000	490	--	--	--	
	11/20/2000	--	168.14	19.71	--	148.43	37,000	5,100	1,500	1,300	4,800	2,800	--	--	--	
	2/18/2001	--	168.14	15.29	--	152.85	54,000	5,020	3,880	2,850	15,400	1,010	--	--	--	
	6/7/2001	--	168.14	19.43	--	148.71	110,000	7,240	4,380	4,160	22,100	567	--	--	--	
	9/5/2001	--	168.14	22.44	--	145.70	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	--	146.80	46,000	4,100	4,300	1,900	10,000	1,900	--	--	--	t
	1/29/2003	--	168.14	16.80	--	151.34	77,000	4,700	2,600	2,800	13,000	820	--	--	--	n,t
	5/22/2003	--	168.14	17.15	--	150.99	52,000	6,400	2,600	1,800	7,400	1,000	--	--	--	t
	7/28/2003	--	168.14	21.47	--	146.67	31,000	6,900	5,500	2,200	12,000	1,700	--	--	--	p
	11/18/2003	P	168.14	20.50	--	147.64	23,000	3,300	800	500	2,000	500	--	SEQM	6.6	
	02/23/2004	P	168.14	14.77	--	153.37	84,000	14,000	6,200	3,100	14,000	790	--	SEQM	6.6	t
	05/04/2004	P	168.14	20.09	--	148.05	120,000	15,000	17,000	4,900	24,000	780	--	SEQM	6.6	t
	08/04/2004	P	168.14	21.39	--	146.75	38,000	9,100	3,300	1,900	5,800	430	--	SEQM	6.69	t
	11/10/2004	**P**	**168.14**	**18.98**	**--**	**149.16**	**22,000**	**4,400**	**2,000**	**940**	**3,600**	**310**	**--**	**SEQM**	**7.5**	
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	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	167.17		--		380	28	26	13	46	--	--	--	--	
	9/27/1991	--	167.17		--		0.07	7.9	--	0.4	1.1	--	--	--	--	
	12/18/1991	--	167.17		--		0.26	34	24	0.8	28	--	--	--	--	
	7/3/1992	--	167.17	19.59	--	147.58	71	9.4	0.9	5	13	--	--	--	--	
	10/5/1992	--	167.17	--	--	--	<50	2.2	<0.5	1.5	2.8	--	--	--	--	c

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	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
	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	--	--	d
	10/27/1995	--	167.17	22.43	--	144.74	--	--	--	--	--	--	--	--	--	
	10/30/1995	--	167.17		--		51	2.4	<0.50	<0.50	<1.0	<5.0	6.9	--	--	
	1/25/1996	--	167.17	14.03	--	153.14	<50	<0.50	<0.50	<0.50	<1.0	5.1	--	--	--	
	4/19/1996	--	167.17	15.26	--	151.91	460	55	4	33	63	<10	9.4	--	--	
	7/23/1996	--	167.17	19.19	--	147.98	<50	<0.5	<0.5	<0.5	<0.5	<10	9.2	--	--	
	11/11/1996	--	167.17	20.24	--	146.93	<250	<2.5	<5.0	<5.0	<5.0	<50	8.4	--	--	
	1/21/1997	--	167.17	13.09	--	154.08	<50	<0.5	<1.0	<1.0	<1.0	<10	5.4	--	--	
	4/29/1997	--	167.17	18.14	--	149.03	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	--	--	
	8/21/1997	--	167.17	19.64	--	147.53	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9	--	--	
	11/5/1997	--	167.17	19.95	--	147.22	<250	<2.5	<5.0	<5.0	<5.0	<50	4.5	--	--	
	2/3/1998	--	167.17	10.57	--	156.60	<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	--	--	--	

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	4/21/2000	--	167.17	14.88	--	152.29	--	--	--	--	--	--	--	--	--	
	7/31/2000	--	167.17	15.29	--	151.88	--	--	--	--	--	--	--	--	--	
	11/20/2000	--	167.17	17.31	--	149.86	--	--	--	--	--	--	--	--	--	
	2/18/2001	--	167.17	12.85	--	154.32	160	1.95	1.31	10.2	9.09	1	--	--	--	
	6/7/2001	--	167.17	18.00	--	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	--	--	--	--	--	--	--	--	--	p
	11/18/2003	--	167.17	19.15	--	148.02	--	--	--	--	--	--	--	--	--	
	02/23/2004	--	167.17	13.53	--	153.64	160	<0.50	1.1	9.6	12	<0.50	--	SEQM	6.7	
	05/04/2004	--	167.17	18.61	--	148.56	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	167.17	19.21	--	147.96	--	--	--	--	--	--	--	--	--	
	11/10/2004	**--**	**167.17**	**17.48**	**--**	**149.69**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-4	7/9/1990	--	170.36		--		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	170.36		--		--	--	--	--	0.8	--	--	--	--	
	3/7/1991	--	170.36	20.72	--	149.64	--	2.2	3.8	1.5	2.8	--	--	--	--	
	4/1/1991	--	170.36	17.49	--	152.87	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	170.36		--		--	6.3	1.8	0.4	1	--	--	--	--	
	9/27/1991	--	170.36		--		--	--	--	--	--	--	--	--	--	
	12/18/1991	--	170.36		--		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	170.36	22.16	--	148.20	<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

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	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	--	--	i
	12/23/1994	--	170.36	17.03	--	153.33	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	170.36	17.42	--	152.94	<50	<0.5	<0.5	<0.5	<1	--	7.5	--	--	
	6/8/1995	--	170.36	21.55	--	148.81	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	170.36	23.47	--	146.89	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.4	--	--	d
	10/27/1995	--	170.36	24.50	--	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	--	--	--	--	--	--	--	--	--	

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	1/29/2003	--	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	--	--	--	--	--	--	--	--	--	p
	11/18/2003	--	170.36	21.65	--	148.71	--	--	--	--	--	--	--	--	--	
	02/23/2004	P	170.36	17.53	--	152.83	75	<0.50	<0.50	<0.50	<0.50	65	--	SEQM	6.8	
	05/04/2004	--	170.36	20.62	--	149.74	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	170.36	21.30	--	149.06	--	--	--	--	--	--	--	--	--	
	11/10/2004	--	**170.36**	**20.65**	--	**149.71**	--	--	--	--	--	--	--	--	--	
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	--	17	0.9	0.7	1.6	--	--	--	--	
	4/1/1991	--	165.14	11.99	--	153.15	800	250	54	11	60	--	--	--	--	
	6/27/1991	--	165.14		--		330	120	10	12	8	--	--	--	--	
	9/27/1991	--	165.14		--		0.73	230	16	20	22	--	--	--	--	
	12/18/1991	--	165.14		--		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	165.14	18.65	--	146.49	150	36	<0.5	<0.5	1.1	--	--	--	--	
	10/5/1992	--	165.14	20.32	--	144.82	270	79	4	1.7	2.9	--	--	--	--	
	1/13/1993	--	165.14	13.03	--	152.11	180	59	6	1.8	7.6	--	--	--	--	i
	4/23/1993	--	165.14	13.51	--	151.63	8,700	440	96	35	136	--	--	--	--	i
	7/12/1993	--	165.14	18.06	--	147.08	250	57	2.9	2.1	6	<5.0	--	--	--	i
	10/21/1993	--	165.14	20.41	--	144.73	210	82	1.5	<0.5	1.4	--	--	--	--	i
	1/21/1994	--	165.14	18.86	--	146.28	110	36	1.2	<0.5	0.7	<5.0	--	--	--	i
	4/20/1994	--	165.14	17.30	--	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	--	--	--	

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	4/19/1996	--	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	--	--	
	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	--	--	--	p
	11/18/2003	--	165.14	--	--	--	--	--	--	--	--	--	--	--	--	e, q
	02/23/2004	P	165.14	12.21	--	152.93	7,500	1,500	100	190	350	100	--	SEQM	6.7	
	05/04/2004	P	165.14	17.12	--	148.02	5,900	1,500	57	200	280	42	--	SEQM	6.6	
	08/04/2004	P	165.14	19.05	--	146.09	<2,500	<25	<25	<25	<25	390	--	SEQM	6.69	
	11/10/2004	**P**	**165.14**	**16.95**	**--**	**148.19**	**870**	**80**	**<5.0**	**<5.0**	**<5.0**	**530**	**--**	**SEQM**	**7.5**	

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	7/9/1990	--	165.4		--		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	165.4		--		0.17	2.6	7	4.9	26	--	--	--	--	
	3/7/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
	4/1/1991	--	165.4	11.79	--	153.61	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
	9/27/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
	12/18/1991	--	165.4		--		--	1.3	22	--	2.7	--	--	--	--	
	7/3/1992	--	165.4	17.77	--	147.63	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	10/5/1992	--	165.4	19.46	--	145.94	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	1/13/1993	--	165.4	11.34	--	154.06	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	4/23/1993	--	165.4	12.92	--	152.48	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	7/12/1993	--	165.4	17.36	--	148.04	<50	<0.5	<0.5	<0.5	0.7	<5.0	--	--	--	i
	10/21/1993	--	165.4	19.98	--	145.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	1/21/1994	--	165.4	18.10	--	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	--	--	--	--	--	--	--	--	--	

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	5/10/1999	--	165.4	17.49	--	147.91	--	--	--	--	--	--	--	--	--	
	8/24/1999	--	165.4	17.61	--	147.79	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	165.4	16.26	--	149.14	--	--	--	--	--	--	--	--	--	
	3/1/2000	--	165.4	17.43	--	147.97	--	--	--	--	--	--	--	--	--	
	4/21/2000	--	165.4	13.32	--	152.08	--	--	--	--	--	--	--	--	--	
	7/31/2000	--	165.4	13.46	--	151.94	--	--	--	--	--	--	--	--	--	
	11/20/2000	--	165.4	14.78	--	150.62	--	--	--	--	--	--	--	--	--	
	2/18/2001	--	165.4	11.33	--	154.07	--	--	--	--	--	--	--	--	--	
	6/7/2001	--	165.4	16.36	--	149.04	--	--	--	--	--	--	--	--	--	
	9/5/2001	--	165.4	18.61	--	146.79	--	--	--	--	--	--	--	--	--	
	11/30/2001	--	165.4	15.20	--	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	--	--	--	--	--	--	--	--	--	p
	11/18/2003	--	165.40	17.48	--	147.92	--	--	--	--	--	--	--	--	--	
	02/23/2004	--	165.40	11.54	--	153.86	--	--	--	--	--	--	--	--	--	
	05/04/2004	--	165.40	16.58	--	148.82	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	165.40	18.12	--	147.28	--	--	--	--	--	--	--	--	--	
	11/10/2004	**--**	**165.40**	**15.75**	**--**	**149.65**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-7	7/9/1990	--	167.61		--		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	167.61		--		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	167.61	19.04	--	148.57	--	--	0.4	0.3	2.4	--	--	--	--	
	4/1/1991	--	167.61	15.18	--	152.43	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	167.61		--		70	17	4	0.8	2.2	--	--	--	--	
	9/27/1991	--	167.61		--		--	0.4	--	--	0.4	--	--	--	--	
	12/18/1991	--	167.61		--		--	0.7	2.9	0.8	3.3	--	--	--	--	
	7/3/1992	--	167.61	20.28	--	147.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	10/5/1992	--	167.61	21.56	--	146.05	<50	<0.5	<0.5	<0.5	1.5	--	--	--	--	
	1/13/1993	--	167.61	15.41	--	152.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	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	4/23/1993	--	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
	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	--	--	--	--	--	--	--	--	--	

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	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
	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	--	--	--	--	--	--	--	--	--	p
	11/18/2003	--	167.61	20.50	--	147.11	--	--	--	--	--	--	--	--	--	
	11/18/2003	--	168.08	20.50	--	147.58	--	--	--	--	--	--	--	--	--	
	02/23/2004	--	168.08	15.92	--	152.16	--	--	--	--	--	--	--	--	--	
	05/04/2004	--	168.08	18.86	--	149.22	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	168.08	19.10	--	148.98	--	--	--	--	--	--	--	--	--	
	11/10/2004	**--**	**168.08**	**20.25**	**--**	**147.83**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
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	--	151.84	--	--	--	--	--	--	--	--	--	t
	7/12/1993	--	165.74	18.30	--	147.44	--	--	--	--	--	--	--	--	--	t
	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	--	--	--	--	--	--	--	--	--	

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	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
	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	--	146.59	420	6.4	2.9	16	110	31	--	--	--	t
	1/29/2003	--	165.74	15.02	--	150.72	200,000	810	<500	2,000	11,000	<500	--	--	--	n
	5/22/2003	--	165.74	15.07	--	150.67	--	--	--	--	--	--	--	--	--	t
	6/24/2003	--	165.74	17.95	--	147.79	43,000	860	300	2,100	9,600	46	--	--	--	
	7/28/2003	--	165.74	19.45	--	146.29	62,000	690	230	1,800	15,000	2,100	--	--	--	
	8/12/2003	--	165.74	19.40	--	146.34	--	--	--	--	--	--	--	--	--	o,t

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	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	t
	05/04/2004	P	165.74	18.87	--	146.87	42,000	570	230	1,700	8,400	2,000	--	SEQM	7.0	t
	08/04/2004	--	165.74	19.37	0.05	146.41	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	165.74	19.60	--	146.14	--	--	--	--	--	--	--	--	--	
	11/10/2004	**P**	**165.74**	**16.58**	**--**	**149.16**	**11,000**	**790**	**61**	**1,000**	**830**	**74**	**--**	**SEQM**	**7.3**	**t**
MW-9	3/7/1991	--	166.2	16.79	--	149.41	7.1	220	4	2.4	2,400	--	--	--	--	
	4/1/1991	--	166.2	12.89	--	153.31	12,000	2,000	2,600	360	1,600	--	--	--	--	
	6/27/1991	--	166.2		--		3,600	520	400	85	310	--	--	--	--	
	9/27/1991	--	166.2		--		3.2	720	150	50	180	--	--	--	--	
	12/18/1991	--	166.2		--		--	2.5	1.1	0.3	5.8	--	--	--	--	
	7/3/1992	--	166.2	18.89	--	147.31	5,700	17,000	840	230	800	--	--	--	--	
	10/5/1992	--	166.2	20.52	--	145.68	1,400	440	17	14	100	--	--	--	--	
	1/13/1993	--	166.2	--	--	--	11,000	1,200	1,600	330	1,300	--	--	--	--	c,i
	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		--		--	--	--	--	--	--	--	--	--	e
	7/23/1996	--	166.2	18.84	0.03	147.33	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	166.2	19.91	0.01	146.28	--	--	--	--	--	--	--	--	--	

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	1/21/1997	--	166.2	12.93	0.01	153.26	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	166.2	18.03	--	148.17	--	--	--	--	--	--	--	--	--	t
	4/30/1997	--	166.2		--		78,000	1,900	3,600	3,100	20,600	<5000	5.5	--	--	
	8/21/1997	--	166.2	19.56	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
	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	--	146.80	840	5.8	3.6	28	160	21	--	--	--	t
	1/29/2003	--	166.2	14.30	0.10	151.80	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	166.2	15.16	--	151.04	23,000	260	<50	1,000	2,900	<50	--	--	--	t
	6/24/2003	--	166.2		--		--	--	--	--	--	--	--	--	--	e
	7/28/2003	--	166.2	19.55	--	146.65	1,500,000	<500	<500	9,800	79,000	<500	--	--	--	
	8/12/2003	--	166.2	19.60	--	146.60	--	--	--	--	--	--	--	--	--	o,t
	9/12/2003	--	166.2	19.60	--	146.60	--	--	--	--	--	--	--	--	--	o,t
	11/18/2003	P	166.20	18.98	--	147.22	19,000	250	18	690	2,400	45	--	SEQM	6.8	o,p
	02/23/2004	P	166.20	13.91	--	152.29	91,000	<250	440	2,200	13,000	<250	--	SEQM	6.8	t
	05/04/2004	P	166.20	18.11	--	148.09	39,000	230	44	1,100	4,200	<25	--	SEQM	6.9	t

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	08/04/2004	--	166.20	18.90	0.03	147.32	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	166.20	19.69	--	146.51	--	--	--	--	--	--	--	--	--	
	11/10/2004	**NP**	**166.20**	**16.95**	**--**	**149.25**	**31,000**	**300**	**<50**	**1,100**	**3,800**	**<50**	**--**	**SEQM**	**7.3**	**t**
MW-10	3/7/1991	--	167.01	18.09	--	148.92	1.6	120	190	32	230	--	--	--	--	
	4/1/1991	--	167.01	13.92	--	153.09	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	167.01		--		12,000	7,300	500	150	300	--	--	--	--	
	9/27/1991	--	167.01		--		57	12,000	7,200	1,400	4,600	--	--	--	--	
	12/18/1991	--	167.01		--		5.3	2,500	120	36	79	--	--	--	--	
	7/3/1992	--	167.01	19.92	--	147.09	8,600	5,100	1,300	180	690	--	--	--	--	
	10/5/1992	--	167.01	21.92	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,l
	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	--	--	

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	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	--	--	--	
	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	--	150.69	13,000	2,100	850	630	1,600	300	--	--	--	t
	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	--	146.58	--	--	--	--	--	--	--	--	--	o,t
	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	t
	05/04/2004	P	167.01	18.81	--	148.20	35,000	3,100	3,600	1,400	5,600	<25	--	SEQM	7.1	t
	08/04/2004	--	167.01	18.90	0.08	148.17	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	167.01	20.60	--	146.41	--	--	--	--	--	--	--	--	--	
	11/10/2004	**P**	**167.01**	**17.95**	**--**	**149.06**	**9,800**	**470**	**91**	**450**	**1,700**	**230**	**--**	**SEQM**	**7.3**	**t**
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

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	7/12/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	10/21/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	1/21/1994	--	168.01	--	--	--	<50	<0.5	2.1	<0.5	2.1	--	--	--	--	f
	4/20/1994	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	12/23/1994	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	1/26/1995	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	f
	6/8/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	f
	8/22/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	d,f
	10/30/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	f
	1/25/1996	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	f
	4/19/1996	--	168.01	--	--	--	<50	<0.5	<1	<1	<1	<10	--	--	--	f
RW-1	7/9/1990	--	168.01		1.21		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	168.01		0.01		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	168.01	17.62	--	150.39	--	--	--	--	--	--	--	--	--	t
	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	--	147.35	--	--	--	--	--	--	--	--	--	t
	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	--	--	d

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	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
	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

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	1/29/2003	--	168.01	16.31	0.04	151.66	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	168.01	16.68	--	151.33	--	--	--	--	--	--	--	--	--	j,t
	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	--	146.60	--	--	--	--	--	--	--	--	--	o,t
	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	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	168.01	22.05	0.05	146.00	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	168.01	21.28	0.06	146.78	--	--	--	--	--	--	--	--	--	
	11/10/2004	**--**	**168.01**	**18.56**	**0.02**	**149.47**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	

Table 1

Groundwater Elevation and Analytical Data

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

SYMBOLS AND ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in feet below ground surface
ft bgs = feet below ground surface
ft MSL = feet above mean sea level
GRO = Gasoline Range Organics, range C4-C12
GWE = Groundwater elevation measured in feet above mean sea level
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Not Purged
P = Purge
TOC = Top of casing measured in feet above mean sea level
TPH-g = Total petroleum hydrocarbons as gasoline
ug/L = Micrograms per liter
SEQ/SEQM= Sequoia Analytical/Sequoia Morgan Hill Laboratories

FOOTNOTES:
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
t = Sheen

NOTES:
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 of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported.

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

Table 1

Groundwater Elevation and Analytical Data

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

Values for dissolved oxygen (DO) and pH were obtained through field measurements.

Source : The data within this table collected prior to August 2002 was provided to URS by RM 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)	Footnotes/ Comments
MW-1	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
MW-2	1/29/2003	<4000	<2000	820	<50	<50	<50	<50	<50	
	5/22/2003	<10000	<2000	1,000	<50	<50	<50	--	--	
	7/28/2003	<20000	<4000	1,700	<100	<100	<100	<100	<100	a
	11/18/2003	<5,000	<1,000	500	<25	<25	<25	--	--	
	02/23/2004	<25,000	<5,000	790	<120	<120	<120	<120	<120	
	05/04/2004	<50,000	<10,000	780	<250	<250	<250	<250	<250	
	08/04/2004	<50,000	<10,000	430	<250	<250	<250	<250	<250	
	11/10/2004	**<5,000**	**<1,000**	**310**	**<25**	**<25**	**<25**	**<25**	**<25**	
MW-3	1/29/2003	<40	<20	0.76	<50	<50	<50	<50	<50	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
	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	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
	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	--	--	
	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	
	11/10/2004	**<1,000**	**<200**	**530**	**<5.0**	**<5.0**	**5.5**	**<5.0**	**<5.0**	
MW-7	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
MW-8	1/29/2003	<4000	<2000	<500	<50	<50	<50	<50	<50	
	5/22/2003	<5000	<1000	--	<25	<25	<25	--	--	

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)	Footnotes/ Comments
MW-8	7/28/2003	<20000	<4000	2,100	<100	<100	<100	<100	<100	
	11/18/2003	<2,000	<400	1,700	<10	<10	20	--	--	a,b
	02/23/2004	<10,000	<2,000	110	<50	<50	<50	<50	<50	
	05/04/2004	<5,000	<1,000	2,000	<25	<25	33	<25	<25	
	11/10/2004	**<5,000**	**<1,000**	**74**	**<25**	**<25**	**<25**	**<25**	**<25**	
MW-9	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	<10000	<2000	<50	<50	<50	<50	--	--	
	7/28/2003	<100000	<20000	<500	<500	<500	<500	<500	<500	
	11/18/2003	<2,000	<400	45	<10	<10	<10	--	--	a,b
	02/23/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
	05/04/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
	11/10/2004	**<10,000**	**<2,000**	**<50**	**<50**	**<50**	**<50**	**<50**	**<50**	
MW-10	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	<10000	<2000	300	<50	<50	<50	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
	11/18/2003	<10,000	<2,000	<50	<50	<50	<50	--	--	b
	02/23/2004	<20,000	<4,000	180	<100	<100	<100	<100	<100	
	05/04/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
	11/10/2004	**<5,000**	**<1,000**	**230**	**<25**	**<25**	**<25**	**<25**	**<25**	**b**
RW-1	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
	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

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

FOOTNOTES:
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.

NOTES:
All volatile organic compounds (Ethanol, TBA, MTBE, DIPE, ETBE, and TAME) analyzed using EPA Method 8260B.

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

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

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (Feet)	PRODUCT REMOVED (Gallons)	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-1	**10/26/2004**	**0.12**	**0.02**	**36.15**
	MW-1	**11/10/2004**	**0.14**	**0.02**	**36.17**
	MW-1	**12/27/2004**	**0.08**	**0.01**	**36.18**
	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-8	**10/26/2004**	**--**	**--**	**1.77**
	MW-8	**11/10/2004**	**--**	**--**	**1.77**
	MW-8	**12/26/2004**	**--**	**--**	**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-9	**10/26/2004**	--	--	**1.12**
	MW-9	**11/10/2004**	--	--	**1.12**
	MW-9	**12/27/2004**	**-------Well Parked Over--------**		**1.12**
	MW-10	9/7/93-7/23/96	---	10.52	10.52
	MW-10	9/4/1996	0.76	0 10	10.62
	MW-10	11/11/1996	---	0 20	10.82
	MW-10	1/21/1997	---	<0.03	10 85
	MW-10	4/29/1997	---	0.04	10.89
	MW-10	4/29/1997	---	0.04	10 93
	MW-10	12/2/1997	0.03	<0.1	10 93
	MW-10	2/3/1998	---	<0 1	10.93
	MW-10	9/5/2001	0 01	---	10.93
	MW-10	11/12/2002	0.07	0.01	10.94
	MW-10	1/29/2003	0.03	0 03	10.97
	MW-10	6/24/2003	0.04	0 01	10.98
	MW-10	7/28/2003	0.04	0 02	11 00
	MW-10	8/12/2003	<0.01 (SHEEN)	--	11.00
	MW-10	10/3/2003	<0.01 (SHEEN)	--	11 00
	MW-10	11/18/2003	<0.01 (SHEEN)	--	11.00
	MW-10	12/31/2003	<0.01 (SHEEN)	--	11 00
	MW-10	2/2/2004	<0 01 (SHEEN)	--	11.00
	MW-10	2/23/2004	<0.01 (SHEEN)	--	11.00
	MW-10	3/18/2004	<0.01 (SHEEN)	--	11.00
	MW-10	4/13/2004	<0.01 (SHEEN)	--	11 00
	MW-10	5/4/2004	<0.01 (SHEEN)	--	11.00
	MW-10	6/2/2004	<0 01 (SHEEN)	--	11.00
	MW-10	7/2/2004	<0.01 (SHEEN)	--	11.00
	MW-10	8/4/2004	0.08	0.11	11.11
	MW-10	9/22/2004	--	--	11.11
	MW-10	**10/26/2004**	--	--	**11.11**
	MW-10	**11/10/2004**	--	--	**11.11**
	MW-10	**12/27/2004**	--	--	**11.11**
	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
	RW-1	**10/26/2004**	**0.01**	**0.01**	**0.96**
	RW-1	**11/10/2004**	**0.02**	**0.03**	**0.99**
	RW-1	**12/27/2004**	**0.03**	**0.01**	**1.00**
			Free Product Removed this Quarter =		**0.10**
			Total Free Product =		**51.19**

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

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 # 041026-DW-2 Date 10-26-04 Client Arco 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		20.06	.12	~~275~~ 73	20.18	—		
MW-8	2					16.88	—		
MW-9	2					17.59	—		
MW-10	2					18.18	—		
RW-1	6		18.08	.01	56	18.09	—		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 041026-DW-3	Station # 11132
Sampler: DW	Date: 10-26-04
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 20.18
Depth to Free Product: 20.06	Thickness of Free Product (feet): .12
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Other: _____

Top of Screen: _____

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

1 Case Volume (Gals.)	x	Specified Volumes	=	Calculated Volume
_____	x	check SPH	=	_____ Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	Bailed ± 73 ml			SPH 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 #: 041026-DW-3	Station # 11132
Sampler: DW	Date: 10-26-04
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 16.88
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
_____	x	check SPH	=	_____ 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 #: 041026-OW-3	Station # 11132
Sampler: OW	Date: 10-26-04
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: —	Depth to Water: 17.59
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
___	x	check SPH	=	___ 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 #: 041026-DW-3	Station # 11132
Sampler: DW	Date: 10-26-04
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 18.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (TOC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Other: _____

Top of Screen: _____

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

1 Case Volume (Gals.)	x	Specified Volumes	=	Calculated Volume
_____	x	check SPH	=	_____ 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 #: 041026-DW-3	Station # 11132
Sampler: DW	Date: 10-26-04
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 9 —	Depth to Water: 18.09
Depth to Free Product: 18.08	Thickness of Free Product (feet): .01
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: X Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Other: _____

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		Bailed ≈ 56 ml SPH 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

WELL GAUGING DATA

Project # 041180 ~~041104~~-SSB Date 11/10/04 Client ARCO/BP 11152

Site 3401 35TH AVE. OAKLAND, CA.

	Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
SPH	MW-1	2		20.05	.14	65	20.19	—		
S	MW-2	2					18.98	31.60		
G	MW-3	2					17.48	34.40		
G	MW-4	2					20.65	40.00		2 stripped tabs
S	MW-5	2					16.95	32.10		
G	MW-6	2					15.75	34.44		
G	MW-7	2					20.25	34.32		
split	MW-8	2		NO SPH			16.58	~~34.01~~		
split	MW-9	2		NO SPH			16.95	~~29.25~~		
split	MW-10	2		NO SPH			17.95	~~34.25~~		
split	RW-1	6		18.54	.02	111	18.56	—		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 11100-SS2	Station # 11132
Sampler: Scott	Date: 11/10/07
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ----------	Depth to Water: 20.19
Depth to Free Product: 20.05	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
BAILED 85 ml 4pH + 1 gal H₂O.					

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Time:	Sampling Date:		
Sample I.D.:	Laboratory: Pace Sequoia Other_____		
Analyzed for: GRO BTEX MTBE DRO	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 #: 1110 ~~ELHOFF~~ 552	Station # 1113 2
Sampler: Scott	Date: 11/10/04
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 31.60	Depth to Water: 18.98
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.

2 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1300	69.6	7.5	1542	2	gas odor/sheen
1303	69.9	7.5	1679	4	" "
1306	69.5	7.5	1700	6	" "

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Time: 1308 Sampling Date: 11/10/04

Sample I.D.: MW-2 Laboratory: Pace (Sequoia) Other _____

Analyzed for: GRO BTEX MTBE DRO Other: see scope

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 #: 041101-SSL	Station # 1113
Sampler: Scott	Date: 11/10/04
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 32.10	Depth to Water: 16.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: _____

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1242	68.9	7.4	1108	2.5	TURBID
1245	69.4	7.4	1111	5.0	"
1248	69.6	7.5	1121	7.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Time: 1250 Sampling Date: 11/10/04

Sample I.D.: MW-5 Laboratory: Pace (Sequoia) Other _____

Analyzed for: GRO BTEX MTBE DRO Other: See Sample

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 #: 041160-552	Station # 11132
Sampler: Scott	Date: 11/10/04
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 34.01	Depth to Water: 16.58
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.

2.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 8.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1433	67.5	7.2	1232	2.8	sheen, gas odor
1437	67.4	7.3	1271	5.6	" "
1441	67.4	7.3	1291	8.5	" "

Did well dewater? Yes (No)		Gallons actually evacuated: 8.5	
Sampling Time: 1444		Sampling Date: 11/10/04	
Sample I.D.: MW-8		Laboratory: Pace (Sequoia) Other ___	
Analyzed for: GRO BTEX MTBE DRO		Other: see scope	
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 #: 041110-SS2	Station # 11132
Sampler: SOOCH	Date: 11/10/04
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 29.25	Depth to Water: 16.85
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	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.

2 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1415	70.1	7.3	1195	2	steam, gas odor
1418	70.0	7.3	1201	4	" "
1421	70.0	7.3	1211	6	" "

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Time: 1423 Sampling Date: 11/10/04

Sample I.D.: MW-9 Laboratory: Pace (Sequoia) Other _____

Analyzed for: GRO BTEX MTBE DRO Other: 8260 Scan

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 #: 041110-SS1	Station # 11132
Sampler: Scott	Date: 11/10/04
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 34.25	Depth to Water: 17.95
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.

7.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 7.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1458	~~68.0~~	7.3	1147	2.6	gas odor / sheen
1501	67.8	7.3	1177	5.2	" "
1504	67.8	7.3	1200	7.8	" "

Did well dewater? Yes (No) Gallons actually evacuated: 7.8

Sampling Time: 1506 Sampling Date: 11/10/04

Sample I.D.: MW-10 Laboratory: Pace (Sequoia) Other ___

Analyzed for: GRO BTEX MTBE DRO Other: See SUP1

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 #: ~~0941011100~~ 11100-552	Station # 11132
Sampler: Scott	Date: 11/10/04
Well I.D.: MW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: ----------	Depth to Water: 18.56
Depth to Free Product: 18.54	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) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
Bailed	11	1 ml	spot	+ 1 gal.	H2O.

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

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

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

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

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

11132

Station #

3201 35th ave OAKLAND

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

36

added equip. rinse water 15

any other adjustments

TOTAL GALS. RECOVERED 51

loaded onto BTS vehicle # 54

BTS event # 041110-SS2

time 1400

date 11/10/04

signature

* *

REC'D AT BTS

time 1630

date 11/10/04

unloaded by signature

WELL GAUGING DATA

Project # 041227-MM1 Date 12/27/04 Client ~~Shell~~ 11132

Site 3201 35th St 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		17.95	0.08	48ml	18.03	—		
MW-8	2		No SPH detected			14.47	—		
MW-9	2		well parked over						
MW-10	2		No SPH detected			16.65	—		
RW-1	6		* 15.78	0.03	2.5ml	15.81	—		
			* SPH is very thick & was						
			unable to accurately gauge						
			amount of SPH (DTW).						
	Double containment SPH drum - 30gal inside 55gal								
	30 gal drum ~ 1/4 full. Empty upon arrival.								

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 04127-MW1	Station # 11132
Sampler: MW	Date: 12/27/04
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth:	Depth to Water: 18.03
Depth to Free Product: 17.95	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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		~4 gal of split Baled			

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 #: 041127-MW1	Station # 11132
Sampler: MW	Date: 12/27/00
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth:	Depth to Water: 15.81
Depth to Free Product: 15.78	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
		removed ~25 ml of SPH			
	SPH is very thick & may have				
	affected an accurate DTW measurement				

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

ATTACHMENT B

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

29 November, 2004

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

RE: BP Heritage #11132, Oakland, CA
Work Order: MNK0467

Enclosed are the results of analyses for samples received by the laboratory on 11/11/04 16:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	11/29/04 16:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MNK0467-01	Water	11/10/04 13:08	11/11/04 16:45
MW-5	MNK0467-02	Water	11/10/04 12:50	11/11/04 16:45
MW-8	MNK0467-03	Water	11/10/04 14:44	11/11/04 16:45
MW-9	MNK0467-04	Water	11/10/04 14:23	11/11/04 16:45
MW-10	MNK0467-05	Water	11/10/04 15:06	11/11/04 16:45
TB-11102004-11132	MNK0467-06	Water	11/10/04 00:00	11/11/04 16:45

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

These samples were received with intact custody seals.

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	11/29/04 16:04

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MNK0467-01) Water Sampled: 11/10/04 13:08 Received: 11/11/04 16:45									
tert-Amyl methyl ether	ND	25	ug/l	50	4K16005	11/16/04	11/16/04	EPA 8260B	
Benzene	**4400**	25	"	"	"	"	"	"	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	5000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Ethylbenzene	**940**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**310**	25	"	"	"	"	"	"	
Toluene	**2000**	25	"	"	"	"	"	"	
Xylenes (total)	**3600**	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**22000**	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*79 %*	*78-129*		"	"	"	"	
MW-5 (MNK0467-02) Water Sampled: 11/10/04 12:50 Received: 11/11/04 16:45									
tert-Amyl methyl ether	**5.5**	5.0	ug/l	10	4K16005	11/16/04	11/16/04	EPA 8260B	
Benzene	**80**	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**530**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**870**	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*84 %*	*78-129*		"	"	"	"	

Sequoia Analytical

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URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	11/29/04 16:04

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MNK0467-03) Water Sampled: 11/10/04 14:44 Received: 11/11/04 16:45									
tert-Amyl methyl ether	ND	25	ug/l	50	4K16005	11/16/04	11/16/04	EPA 8260B	
Benzene	**790**	25	"	"	"	"	"	"	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	5000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Ethylbenzene	**1000**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**74**	25	"	"	"	"	"	"	
Toluene	**61**	25	"	"	"	"	"	"	
Xylenes (total)	**830**	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**11000**	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*86 %*	*78-129*		"	"	"	"	
MW-9 (MNK0467-04) Water Sampled: 11/10/04 14:23 Received: 11/11/04 16:45									
tert-Amyl methyl ether	ND	50	ug/l	100	4K16005	11/16/04	11/16/04	EPA 8260B	
Benzene	**300**	50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	2000	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Ethanol	ND	10000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Ethylbenzene	**1100**	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Xylenes (total)	**3800**	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**31000**	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*78-129*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	11/29/04 16:04

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MNK0467-05) Water Sampled: 11/10/04 15:06 Received: 11/11/04 16:45									
tert-Amyl methyl ether	ND	25	ug/l	50	4K16013	11/16/04	11/17/04	EPA 8260B	
Benzene	**470**	25	"	"	"	"	"	"	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	5000	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Ethylbenzene	**450**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**230**	25	"	"	"	"	"	"	
Toluene	**91**	25	"	"	"	"	"	"	
Xylenes (total)	**1700**	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**9800**	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*78-129*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	11/29/04 16:04

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 4K16005 - EPA 5030B P/T / EPA 8260B										
Blank (4K16005-BLK1)				Prepared & Analyzed: 11/16/04						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0 50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0 50	"							
1,2-Dibromoethane (EDB)	ND	0 50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0 50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0 50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.01*		"	*2.50*		*80*	*78-129*			
Laboratory Control Sample (4K16005-BS1)				Prepared & Analyzed: 11/16/04						
tert-Amyl methyl ether	11 0	0.50	ug/l	10 0		110	82-140			
Benzene	10.8	0.50	"	10.0		108	69-124			
tert-Butyl alcohol	53.3	20	"	50.0		107	56-131			
Di-isopropyl ether	10.9	0.50	"	10.0		109	76-130			
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0		102	77-132			
1,2-Dichloroethane	9.78	0.50	"	10 0		98	77-136			
Ethanol	145	100	"	200		72	31-143			
Ethyl tert-butyl ether	9.89	0.50	"	10.0		99	81-121			
Ethylbenzene	10.0	0 50	"	10.0		100	84-132			
Methyl tert-butyl ether	10.7	0 50	"	10.0		107	63-137			
Toluene	10.7	0.50	"	10.0		107	78-129			
Xylenes (total)	29.4	0.50	"	30.0		98	83-137			
Surrogate: 1,2-Dichloroethane-d4	*2.04*		"	*2.50*		*82*	*78-129*			

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URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	11/29/04 16:04

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 4K16005 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (4K16005-BS2)				Prepared & Analyzed: 11/16/04						
Benzene	5 93	0 50	ug/l	6 40		93	69-124			
Ethylbenzene	7.86	0.50	"	7 52		105	84-132			
Methyl tert-butyl ether	9.02	0 50	"	9 92		91	63-137			
Toluene	35.2	0.50	"	31 9		110	78-129			
Xylenes (total)	38 0	0.50	"	36 6		104	83-137			
Gasoline Range Organics (C4-C12)	423	50	"	440		96	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.27*		"	*2.50*		*91*	*78-129*			
Laboratory Control Sample Dup (4K16005-BSD1)				Prepared & Analyzed: 11/16/04						
tert-Amyl methyl ether	10 9	0.50	ug/l	10.0		109	82-140	0 9	20	
Benzene	11 3	0 50	"	10.0		113	69-124	5	20	
tert-Butyl alcohol	51 2	20	"	50.0		102	56-131	4	20	
Di-isopropyl ether	11.0	0 50	"	10.0		110	76-130	0.9	20	
1,2-Dibromoethane (EDB)	10.1	0 50	"	10.0		101	77-132	1	20	
1,2-Dichloroethane	9.64	0.50	"	10.0		96	77-136	1	20	
Ethanol	230	100	"	200		115	31-143	45	20	RB
Ethyl tert-butyl ether	10.0	0.50	"	10 0		100	81-121	1	20	
Ethylbenzene	10.1	0.50	"	10.0		101	84-132	1	20	
Methyl tert-butyl ether	10.8	0 50	"	10.0		108	63-137	0.9	20	
Toluene	11.0	0.50	"	10.0		110	78-129	3	20	
Xylenes (total)	29.7	0.50	"	30 0		99	83-137	1	20	
Surrogate: 1,2-Dichloroethane-d4	*2.16*		"	*2.50*		*86*	*78-129*			
Matrix Spike (4K16005-MS1)	**Source: MNK0377-12**			Prepared & Analyzed: 11/16/04						
Benzene	81.0	5.0	ug/l	64 0	21	94	69-124			
Ethylbenzene	158	5.0	"	75 2	67	121	84-132			
Methyl tert-butyl ether	299	5.0	"	99.2	200	100	63-137			
Toluene	351	5.0	"	319	3.1	109	78-129			
Xylenes (total)	392	5 0	"	366	5.2	106	83-137			
Gasoline Range Organics (C4-C12)	10700	500	"	4400	5700	114	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.25*		"	*2.50*		*90*	*78-129*			

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URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager.Leonard Niles	11/29/04 16:04

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 4K16005 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (4K16005-MSD1)	**Source: MNK0377-12**			Prepared & Analyzed: 11/16/04						
Benzene	77.0	5.0	ug/l	64 0	21	88	69-124	5	20	
Ethylbenzene	144	5.0	"	75 2	67	102	84-132	9	20	
Methyl tert-butyl ether	292	5.0	"	99.2	200	93	63-137	2	20	
Toluene	334	5.0	"	319	3 1	104	78-129	5	20	
Xylenes (total)	367	5.0	"	366	5 2	99	83-137	7	20	
Gasoline Range Organics (C4-C12)	10000	500	"	4400	5700	98	70-124	7	20	
Surrogate: 1,2-Dichloroethane-d4	*2.09*		"	*2.50*		*84*	*78-129*			
Batch 4K16013 - EPA 5030B P/T / EPA 8260B										
Blank (4K16013-BLK1)				Prepared & Analyzed: 11/16/04						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0 50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0 50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.36*		"	*5.00*		*107*	*78-129*			
Laboratory Control Sample (4K16013-BS1)				Prepared & Analyzed: 11/16/04						
tert-Amyl methyl ether	10.2	0 50	ug/l	10 0		102	82-140			
Benzene	10.4	0.50	"	10.0		104	69-124			
tert-Butyl alcohol	49.3	20	"	50.0		99	56-131			
Di-isopropyl ether	10.1	0.50	"	10.0		101	76-130			
1,2-Dibromoethane (EDB)	9.79	0.50	"	10.0		98	77-132			
1,2-Dichloroethane	9.10	0.50	"	10.0		91	77-136			
Ethanol	171	100	"	200		86	31-143			
Ethyl tert-butyl ether	10.1	0.50	"	10.0		101	81-121			
Ethylbenzene	11.4	0.50	"	10.0		114	84-132			
Methyl tert-butyl ether	8.94	0.50	"	10.0		89	63-137			

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1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	11/29/04 16:04

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 4K16013 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (4K16013-BS1)				Prepared & Analyzed: 11/16/04						
Toluene	11.6	0.50	ug/l	10 0		116	78-129			
Xylenes (total)	34.8	0.50	"	30.0		116	83-137			
Surrogate: 1,2-Dichloroethane-d4	*4.16*		"	*5.00*		*83*	*78-129*			
Laboratory Control Sample (4K16013-BS2)				Prepared & Analyzed: 11/16/04						
Benzene	5 57	0 50	ug/l	6.40		87	69-124			
Ethylbenzene	8 12	0 50	"	7.52		108	84-132			
Methyl tert-butyl ether	9.83	0.50	"	9.92		99	63-137			
Toluene	33.1	0.50	"	31.9		104	78-129			
Xylenes (total)	39.0	0.50	"	36 6		107	83-137			
Gasoline Range Organics (C4-C12)	412	50	"	440		94	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.41*		"	*5.00*		*108*	*78-129*			
Laboratory Control Sample Dup (4K16013-BSD1)				Prepared & Analyzed: 11/16/04						
tert-Amyl methyl ether	11.6	0.50	ug/l	10.0		116	82-140	13	20	
Benzene	11.1	0.50	"	10.0		111	69-124	7	20	
tert-Butyl alcohol	48 8	20	"	50 0		98	56-131	1	20	
Di-isopropyl ether	11.2	0.50	"	10.0		112	76-130	10	20	
1,2-Dibromoethane (EDB)	11.4	0 50	"	10.0		114	77-132	15	20	
1,2-Dichloroethane	12 6	0.50	"	10.0		126	77-136	32	20	RB
Ethanol	167	100	"	200		84	31-143	2	20	IC
Ethyl tert-butyl ether	11.6	0.50	"	10.0		116	81-121	14	20	
Ethylbenzene	9.96	0.50	"	10.0		100	84-132	13	20	
Methyl tert-butyl ether	12.1	0.50	"	10.0		121	63-137	30	20	RB
Toluene	10.5	0.50	"	10.0		105	78-129	10	20	
Xylenes (total)	29.1	0.50	"	30.0		97	83-137	18	20	
Surrogate: 1,2-Dichloroethane-d4	*5.44*		"	*5.00*		*109*	*78-129*			

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URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	11/29/04 16:04

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 4K16013 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (4K16013-MS1)	**Source: MNK0462-08**			Prepared & Analyzed: 11/16/04						
Benzene	28.5	2.5	ug/l	32.0	ND	89	69-124			
Ethylbenzene	39.1	2.5	"	37.6	ND	104	84-132			
Methyl tert-butyl ether	165	2.5	"	49.6	23	286	63-137			LM
Toluene	167	2.5	"	160	ND	104	78-129			
Xylenes (total)	190	2.5	"	183	ND	104	83-137			
Gasoline Range Organics (C4-C12)	2030	250	"	2200	27	91	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.54*		"	*5.00*		*111*	*78-129*			
Matrix Spike Dup (4K16013-MSD1)	**Source: MNK0462-08**			Prepared & Analyzed: 11/16/04						
Benzene	30.2	2.5	ug/l	32.0	ND	94	69-124	6	20	
Ethylbenzene	41.6	2.5	"	37.6	ND	111	84-132	6	20	
Methyl tert-butyl ether	170	2.5	"	49.6	23	296	63-137	3	20	LM
Toluene	177	2.5	"	160	ND	111	78-129	6	20	
Xylenes (total)	204	2.5	"	183	ND	111	83-137	7	20	
Gasoline Range Organics (C4-C12)	2230	250	"	2200	27	100	70-124	9	20	
Surrogate: 1,2-Dichloroethane-d4	*5.64*		"	*5.00*		*113*	*78-129*			

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URS Corporation [Arco]	Project:BP Heritage #11132, Oakland, CA	MNK0467
1333 Broadway, Suite 800	Project Number.N/P	**Reported:**
Oakland CA, 94612	Project Manager.Leonard Niles	11/29/04 16:04

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 or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

bp

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

MRK0467

Date: 11/2/04

On-site Time:	1030 Temp: 69°
Off-site Time:	Temp:
Sky Conditions:	55° Cloudy
Meteorological Events:	
Wind Speed:	Direction:

Send To:
Lab Name: SEQUOIA
Lab Address: 885 Jarvis Dr.
Morgan Hill, CA 95037
Lab PM Lisa Race
Tele/Fax: 408-776-9600 / 408-782-6308
Report Type & QC Level: 1 Send EDF Reports
BP/GEM Account No.: 400-6-21124

BP/GEM Facility No.: 11132
BP/GEM Facility Address: 3201 35TH AVENUE, OAKLAND, CA
Site ID No. 11132
Site Lat/Long:
California Global ID #: T0600100213
BP/GBM PM Contact: Kyle Christie
Address: 4 Centerpointe Dr., LPR-4-172
La Palma, CA 90623
Tele/Fax: 714-670-5303/714-670-5195

Consultant/Contractor: URS
Address: 1333 Broadway, Suite 800
Oakland, CA 94612
e-mail EDD: donna_cosper@URSCorp.com
Consultant/Contractor Project No.:
Consultant Tele/Fax: 510-893-3600/510-874-3268
Consultant/Contractor PM: Leonard Niles
Invoice to: Consultant/Contractor or BP/GEM (Circle one)
BP/GEM Work Release No:

Lab Bottle Order No:

Item No.	Sample Description	Time	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	1308		X			01	3				3	X				X	X	X	
2	MW-5	1250		X			02	3				3	X				X	X	X	
3	MW-8	1444		X			03	3				3	X				X	X	X	
4	MW-9	1423		X			04	3				3	X				X	X	X	
5	MW-10	1500		X			05	3				3	X				X	X	X	
6	TB-111020041-11132						06	2												on hold
7	Temp																			
8																				
9																				
10																				

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
		11/2/04	1550		11/3/04	1545
		11/3/04	1645		11/3/04	1645

Sampler's Name: Sucheon Sung
Sampler's Company: Blaine Tech
Shipment Date:
Shipment Method:
Shipping Tracking No:
Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Ice Yes X No ___ Temperature Blank Yes X No ___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes X No ___

White Copy - Laboratory / Yellow Copy - BP/GEM / Pink Copy - Consultant/Contractor

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP 11132
REC. BY (PRINT): JD
WORKORDER: MNK0647

DATE REC'D AT LAB: 11/1/04
TIME REC'D AT LAB: 1545
DATE LOGGED IN: 11-2-04

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

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) (Present / Absent) (Intact) / Broken*	01	A,C	MW-2	VOA (3)	HCl		W	11/1/04	
2. Chain-of-Custody (Present) / Absent*	02		-5						
3. Traffic Reports or Packing List: Present / (Absent)	03		-8						
	04		-9						
	05		-10						
4. Airbill: Airbill / Sticker Present / (Absent)	06	A,B	TB-11102904 11132	(2)					
5. Airbill #:									
6. Sample Labels: (Present) / Absent									
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition: (Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*									
10. Sample received within hold time? (Yes) / No*									
11. Adequate sample volume received? (Yes) / No*									
12. Proper Preservatives used? (Yes) / No*									
13. Trip Blank / Temp Blank Received? (Yes) / No* (circle which, if yes)									
14. Temp Rec. at Lab: 2.6 Is temp 4 +/-2°C? (Yes) / No**									

(Acceptance range for samples requiring thermal pres.)

Exception (if any): METALS / OFF ON ICE

Problem COC

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

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

Electronic Submittal Information

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SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	12/10/2004 11:08:27 AM
GLOBAL ID:	T0600100213
FILE UPLOADED:	BP#11132-EDF-MNK0467.zip

No errors were found in your EDF upload file.

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

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

METHOD QA/QC REPORT

METHODS USED	8260FA
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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Confirmation Number: 7466238379
Date/Time of Submittal: 12/10/2004 11:11:56 AM
Facility Global ID: T0600100213
Facility Name: BP
Submittal Title: 4Q04 GW Monitoring Report
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
7466238379	4Q04 GW Monitoring Report	Q4 2004

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	12/10/2004	PENDING REVIEW

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

METHODS USED	8260FA
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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Submittal Title:	**4Q04 GEOWELL SUBMITTAL SITE 11132**
Submittal Date/Time:	**12/10/2004 11:14:56 AM**
Confirmation Number:	**9743926823**

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