PO-356

Atlantic Richfield Company
(a BP affiliated company)

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

Re: **Fourth Quarter 2004 Groundwater Monitoring Report**
Former BP Service Station #11117
7210 Bancroft Avenue
Oakland, California
URS Project #38486800

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

Submitted by:

Kyle Christie
Environmental Business Manager

URS

January 5, 2004

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

Re: **Fourth Quarter 2004 Groundwater Monitoring Report**
Former BP Service Station #11117
7210 Bancroft Avenue
Oakland, California
URS Project #38486800

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 #11117, located at 7210 Bancroft Avenue, Oakland, California. We are currently awaiting approval of the recommendations that were made in the *Soil and Groundwater Investigation Workplan* submitted November 28, 2003.

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

Sincerely,

URS CORPORATION

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

CERTIFIED HYDROGEOLOGIST LEONARD P. NILES NO. HG357 EXP. 3/31/06 STATE OF CALIFORNIA

Enclosure: Fourth Quarter 2004 Groundwater Monitoring Report

cc: Mr. Kyle Christie, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Ms. Liz Sewell, ConocoPhillips, electronic copy uploaded to FTP server
Ms. Diane Clark, One Eastmont Town Center, 7200 Bancroft Avenue, Oakland, CA 94605-1907

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 #11117
7210 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Prepared for
RM

January 5, 2004

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

38486800

Date: January 5, 2004

Quarter: 4Q 04

RM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.: 11117 Address: 7210 Bancroft Avenue, Oakland, CA

RM Environmental Business Manager: Kyle Christie

Consulting Co./Contact Person: URS Corporation / Leonard Niles

Consultant Project No.: 38486800

Primary Agency: Alameda County Environmental Health (ACEH)

WORK PERFORMED LAST QUARTER (Fourth – 2004):

1. Performed fourth quarter groundwater monitoring event on November 23, 2004.

WORK PROPOSED FOR THIS QUARTER (First – 2005):

1. Prepared and submitted this fourth quarter 2004 groundwater monitoring report.
2. Perform first quarter 2005 groundwater monitoring event.
3. Prepare and submit first quarter 2005 groundwater monitoring report.
4. Perform soil and groundwater investigation, after ACEH approval of workplan.
5. Survey top-of-casing elevations to mean sea level for wells EX-1, EX-2 and MW-10.

Current Phase of Project:	Groundwater monitoring/sampling
Frequency of Groundwater Sampling:	Wells EX-1, -2, MW-2, -4, -7, -10 quarterly; Well MW-9 semi-annually (1st and 3rd quarters); Wells MW-1, -3, -6, -8 annually (1st quarter).
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	Sheen (MW 2 and MW-4)
Current Remediation Techniques:	Monitored Natural Attenuation
Approximate Depth to Groundwater:	15.77 (MW-8) to 21.65 (MW-7) feet
Groundwater Gradient (direction):	North-Northeast
Groundwater Gradient (magnitude):	0.04 feet per foot

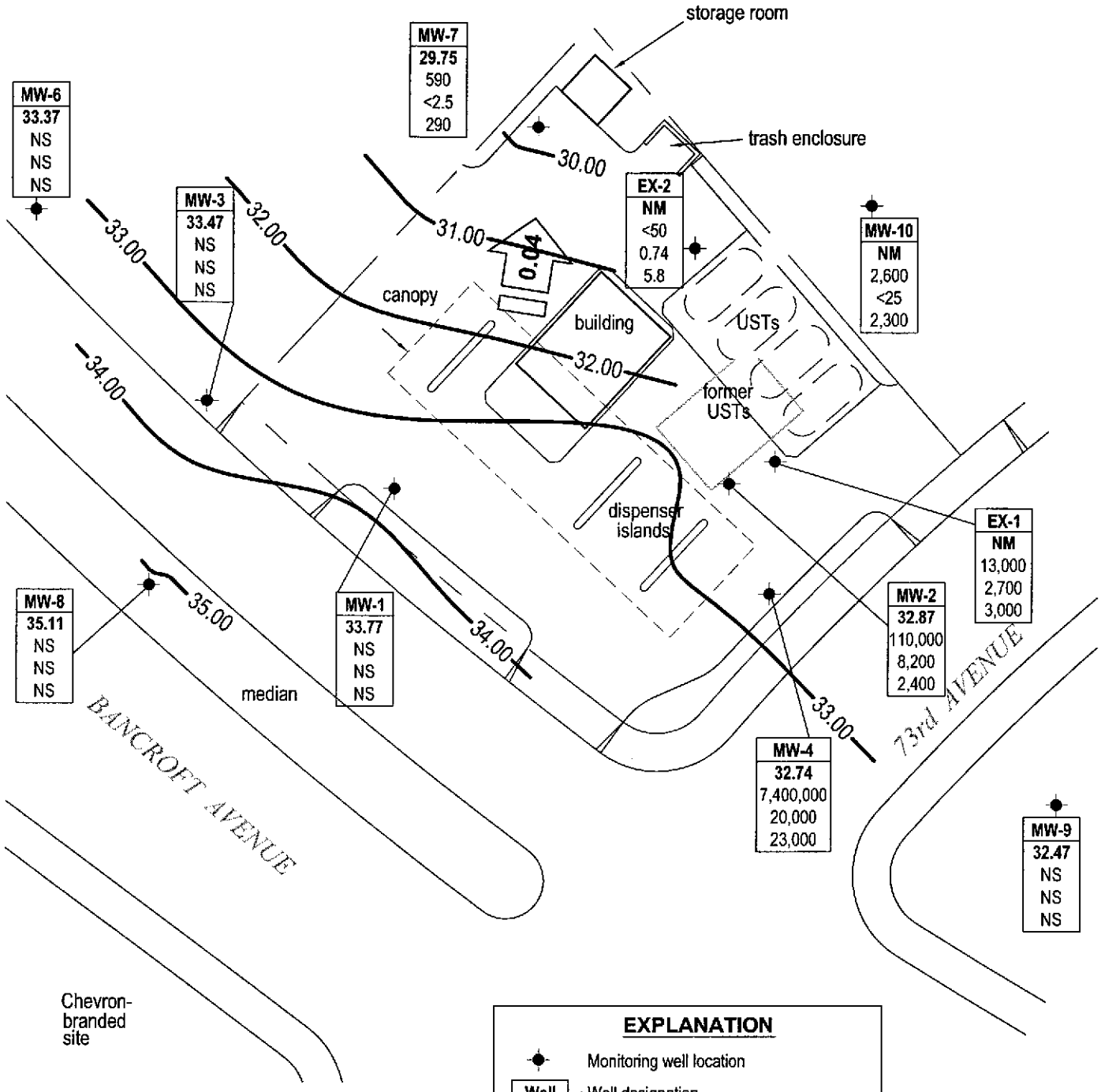
DISCUSSION:

Gasoline range organics (GRO) were detected above laboratory reporting limits in five of the six wells sampled this quarter at concentrations ranging from 590 µg/L (MW-7) to 7,400,000 µg/L (MW-4). Benzene was detected above laboratory reporting limits in four of the six wells sampled at concentrations ranging from 0.74 µg/L (EX-2) to 20,000 µg/L (MW-4). Ethylbenzene was detected above laboratory reporting limits in five of the six wells sampled at concentrations ranging from 0.83 µg/L (EX-2) to 320,000 µg/L (MW-4). Toluene was detected above laboratory reporting limits in four of the six wells sampled at concentrations ranging from 5.0 µg/L (MW-7) to 150,000 µg/L (MW-4). Xylenes were detected above laboratory reporting limits in five of the six wells sampled at concentrations ranging from 3.0 µg/L (EX-2) to 1,400,000 µg/L (MW-4). Methyl tert-butyl ether (MTBE) was detected above laboratory reporting limits in all six wells sampled at concentrations ranging from 5.8 µg/L (EX-2)

to 23,000 µg/L (MW-4). Tert-Amyl methyl ether (TAME) was detected above laboratory reporting limits in one of the six wells sampled at a concentration of 74 µg/L (EX-1). No other fuel additives were detected above laboratory reporting limits. Concentrations of GRO, toluene, ethylbenzene, and total xylenes have increased by one to two orders of magnitude in well MW-4 since the previous monitoring event, with benzene and MTBE concentrations increasing by lesser but still significant amounts. The cause of these increased concentrations is uncertain. The sampling schedule for wells MW-1, -3, and –6 has been reduced to an annual basis, as approved by the ACEH e-mail of November 8, 2004. The first quarter 2005 sampling event will be moved forward to January and more than three casing volumes of water will be purged from well MW-4 prior to sampling to ensure that analytical results are representative of groundwater.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – November 23, 2004
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 –Groundwater Flow Direction and Gradient
- 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



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

EXPLANATION

- Monitoring well location
- Well / ELEV / GRO / Benzene / MTBE — Well designation; Groundwater elevation (ft/MSL); GRO, Benzene and MTBE concentrations in micrograms per liter (µg/L)
- 0.04 — Groundwater flow gradient and direction (ft/ft)
- 35.00 — Groundwater elevation contour (ft/MSL)
- < — Not detected at or above laboratory reporting limit
- NM — Not measured
- NS — Not sampled

URS	Project No. 38486800 Former BP Service Station #11117 7210 Bancroft Avenue Oakland, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Fourth Quarter 2004 (November 23, 2004)	FIGURE 1

Jun 04, 2005 - 11:51am
X:\x_envi_waste\BP GEM\Sites\Niles Sites\11117\Reports\Monitoring\Qtr. 4, 2004\Drawings\11117-4Q04-GW.dwg

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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
EX-1	05/04/2004	P	--	16.29	--	--	12,000	2,300	430	740	1,100	2,500	--	SEQM	6.8	h
	08/31/2004	P	--	19.39	--	--	13,000	2,500	95	650	1,500	2,100	--	SEQM	6.7	h
	11/23/2004	**P**	**--**	**17.90**	**--**	**--**	**13,000**	**2,700**	**94**	**460**	**1,700**	**3,000**	**--**	**SEQM**	**6.9**	
EX-2	05/04/2004	P	--	16.65	--	--	<50	0.63	<0.50	<0.50	0.66	46	--	SEQM	6.7	h
	08/31/2004	P	--	19.90	--	--	<250	<2.5	<2.5	<2.5	<2.5	130	--	SEQM	6.9	h
	11/23/2004	**P**	**--**	**18.36**	**--**	**--**	**<50**	**0.74**	**<0.50**	**0.83**	**3.0**	**5.8**	**--**	**SEQM**	**6.6**	
MW-1	1/5/1992	--	49.8	33.16	--	16.64	57,000	2,400	1,000	1,100	3,100	--	--	---	---	
	1/10/1992	--	49.8	33.16	--	16.64	--	--	--	--	--	--	--	---	---	
	6/5/1992	--	49.8	29.01	--	20.79	31,000	2,800	2,100	800	2,300	--	--	---	---	
	7/24/1992	--	49.8	29.45	--	20.35	--	--	--	--	--	--	--	---	---	
	7/27/1992	--	49.8	29.45	--	20.35	--	--	--	--	--	--	--	---	---	
	9/15/1992	--	--	--	--	--	36,000	3,800	3,400	1,400	3,800	--	--	ANA	---	d
	9/15/1992	--	49.8	30.53	--	19.27	40,000	3,400	3,000	1,300	3,400	--	--	ANA	---	c
	12/15/1992	--	--	--	--	--	22,000	1,500	440	510	1,300	--	--	ANA	---	d
	12/15/1992	--	49.8	31.26	--	18.54	27,000	1,700	580	700	1,900	--	--	ANA	---	c
	3/15/1993	--	--	--	--	--	15,000	1,100	860	440	1,400	--	--	PACE	---	d, l
	3/15/1993	--	49.8	24.80	--	25.00	17,000	1,700	1,200	590	1,800	--	--	PACE	---	l
	6/7/1993	--	--	--	--	--	720	0.7	0.7	<0.5	<0.5	--	--	PACE	---	d, l
	6/7/1993	--	49.8	25.01	--	24.79	750	0.8	0.8	<0.5	<0.5	--	--	PACE	---	l
	9/23/1993	--	49.8	28.70	--	21.10	40,000	4,000	500	920	3,000	6,619	--	PACE	---	e, l
	12/27/1993	--	--	--	--	--	21,000	1,700	380	830	2,400	9,219	--	PACE	---	e,l, d
	12/27/1993	--	49.8	28.66	--	21.14	27,000	2,000	400	940	2,600	13,558	--	PACE	---	e, l
	4/5/1994	--	--	--	--	--	29,000	3,700	1,000	1,000	3,100	9,672	1.3	PACE	---	e,l, d
	4/5/1994	--	49.8	26.37	--	23.43	27,000	3,400	930	950	2,900	8,595	--	PACE	---	e,l,
	7/22/1994	--	49.8	26.54	--	23.26	1,700	220	2.3	2	3.4	262	2.0	PACE	---	e,l
	10/13/1994	--	49.8	27.46	--	22.34	1,200	250	21	<0.5	3.2	321	2.6	PACE	---	e,l
	1/25/1995	--	49.8	20.96	--	28.84	1,000	420	8	13	4	--	--	ATI	---	
	4/19/1995	--	49.8	19.59	--	30.21	5,200	420	51	230	340	--	6.0	ATI	---	
	7/5/1995	--	49.8	19.61	--	30.19	320	4.2	<0.50	<0.50	<1.0	--	4.6	ATI	---	
	10/5/1995	--	49.8	24.40	--	25.40	5,800	1,000	40	31	180	7,800	2.3	ATI	---	
	1/12/1996	--	49.8	25.44	--	24.36	370	<0.50	<0.50	<0.50	<1.0	<5.0	3.7	ATI	---	
	4/22/1996	--	49.8	18.02	--	31.78	<50	<0.5	<1	<1	<1	<10	3.9	SPL	---	
	7/2/1996	--	49.8	19.72	--	30.08	--	--	--	--	--	--	--	---	---	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	7/3/1996	--	49.8	--	--	--	<250	<2.5	<5	<5	<5	<50	3.6	SPL	---	
	11/8/1996	--	49.8	19.98	--	29.82	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL	---	
	1/3/1997	--	49.8	19.49	--	30.31	<50	<0.5	14	<1.0	<1.0	<10	4.6	SPL	---	
	4/28/1997	--	49.8	20.20	--	29.60	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	---	
	7/1/1997	--	49.8	22.53	--	27.27	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	---	
	10/2/1997	--	49.8	24.27	--	25.53	<50	<0.5	<1.0	<1.0	<1.0	<10	4.6	SPL	---	
	1/9/1998	--	49.8	21.07	--	28.73	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL	---	
	5/6/1998	--	49.8	14.94	--	34.86	60	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	---	
	7/21/1998	--	49.8	15.11	--	34.69	70	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	---	
	12/30/1998	--	49.8	19.95	--	29.85	--	--	--	--	--	--	--	---	---	
	2/2/1999	--	49.8	19.12	--	30.68	420	<1.0	<1.0	<1.0	<1.0	390	--	SPL	---	
	5/10/1999	--	49.8	15.51	--	34.29	--	--	--	--	--	--	--	---	---	
	9/23/1999	--	49.8	21.65	--	28.15	440	49	<1.0	<1.0	<1.0	910	--	SPL	---	
	12/23/1999	--	49.8	22.32	--	27.48	--	--	--	--	--	--	--	---	---	
	3/27/2000	--	49.8	15.72	--	34.08	2,500	230	3	83	36	4,400	--	PACE	---	
	5/22/2000	--	49.8	16.92	--	32.88	--	--	--	--	--	--	--	---	---	
	8/31/2000	--	49.8	20.12	--	29.68	1,700	18	5.5	7.9	5	510	--	PACE	---	
	12/11/2000	--	49.8	20.72	--	29.08	--	--	--	--	--	--	--	---	---	
	3/20/2001	--	49.8	15.91	--	33.89	880	38.2	<0.5	24.1	<1.5	391	--	PACE	---	
	6/19/2001	--	49.8	18.38	--	31.42	--	--	--	--	--	--	--	---	---	
	9/20/2001	--	49.8	21.23	--	28.57	3,200	400	19.8	42	32.5	2,510	--	PACE	---	
	12/27/2001	--	49.8	16.72	--	33.08	750	70.1	0.536	4.74	3.76	649	--	PACE	---	
	2/28/2002	--	49.8	15.25	--	34.55	<50	<0.5	<0.5	<0.5	<1.0	8.7	--	PACE	---	
	6/28/2002	--	49.8	16.57	--	33.23	110	0.977	<0.5	0.818	<1.0	8.35	--	PACE	---	
	9/12/2002	--	49.8	18.41	--	31.39	98	2.7	1.5	1.5	5.4	48	--	SEQ	6.9	*
	12/12/2002	--	49.8	20.26	--	29.54	210	1.9	<0.50	<0.50	<0.50	32	--	SEQ	6.8	
	3/10/2003	--	49.8	16.22	--	33.58	<50	<0.50	<0.50	<0.50	<0.50	3.2	--	SEQ	6.9	
	5/12/2003	--	49.8	14.30	--	35.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	SEQ	7.1	
	8/27/2003	--	49.8	18.15	--	31.65	<50	<0.50	<0.50	<0.50	<0.50	4.2	--	SEQ	7.1	n
	11/10/2003	P	49.80	19.24	--	30.56	<50	<0.50	<0.50	<0.50	<0.50	0.51	--	SEQM	6.8	
	02/03/2004	P	49.80	14.84	--	34.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
	05/04/2004	P	49.80	14.67	--	35.13	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.1	
	08/31/2004	P	49.80	17.75	--	32.05	<50	<0.50	<0.50	<0.50	<0.50	0.50	--	SEQM	7.1	
	11/23/2004	**NP**	**49.80**	**16.03**	--	**33.77**	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

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7210 Bancroft St., 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	1/5/1992	--	51.07	--	--	--	--	--	--	--	--	--	--	---	---	r
	1/10/1992	--	51.07	--	--	--	--	--	--	--	--	--	--	---	---	r
	6/5/1992	--	51.07	30.05	--	21.02	11,000	2,000	180	490	1,900	--	--	---	---	
	7/24/1992	--	51.07	30.72	--	20.35	--	--	--	--	--	--	--	---	---	
	7/27/1992	--	51.07	30.52	--	20.55	--	--	--	--	--	--	--	---	---	
	9/15/1992	--	51.07	31.56	--	19.51	75,000	2,000	6,500	2,300	13,000	--	--	ANA	---	c
	12/15/1992	--	51.07	32.40	--	18.67	34,000	6,200	8,900	2,000	7,900	--	--	ANA	---	c
	3/15/1993	--	51.07	26.14	--	24.93	150,000	12,000	18,000	3,200	22,000	82,000	--	PACE	---	e
	6/7/1993	--	51.07	26.38	--	24.69	--	--	--	--	--	--	--	---	---	f
	9/23/1993	--	51.07	31.43	1.92	17.72	--	--	--	--	--	--	--	---	---	f
	12/27/1993	--	51.07	34.07	1.07	15.93	--	--	--	--	--	--	--	---	---	f
	4/5/1994	--	51.07	30.44	3.30	17.33	--	--	--	--	--	--	--	---	---	f
	7/22/1994	--	51.07	28.51	0.80	21.76	--	--	--	--	--	--	--	---	---	f
	10/13/1994	--	51.07	29.33	0.70	21.04	--	--	--	--	--	--	--	---	---	f
	1/25/1995	--	51.07	25.55	4.25	21.27	--	--	--	--	--	--	--	---	---	f
	4/19/1995	--	51.07	19.78	0.12	31.17	--	--	--	--	--	--	--	---	---	f
	7/5/1995	--	51.07	20.88	0.09	30.10	140,000	14,000	30,000	3,500	26,000	--	--	ATI	---	
	10/5/1995	--	51.07	24.68	0.10	26.29	--	--	--	--	--	--	--	---	---	f
	1/12/1996	--	51.07	25.72	0.06	25.29	--	--	--	--	--	--	--	---	---	f
	4/22/1996	--	51.07	19.33	0.08	31.66	--	--	--	--	--	--	--	---	---	f
	7/2/1996	--	51.07	20.01	0.04	31.02	--	--	--	--	--	--	--	---	---	f
	11/8/1996	--	51.07	20.28	0.01	30.78	--	--	--	--	--	--	--	---	---	f
	1/3/1997	--	51.07	19.87	0.02	31.18	--	--	--	--	--	--	--	---	---	f
	4/28/1997	--	51.07	20.59	0.01	30.47	560,000	1,200	1,300	290	2,310	6,100	3.9	SPL	---	
	7/1/1997	--	--	--	--	--	150,000	14,000	13,000	1,800	14,200	57,000	--	SPL	---	d
	7/1/1997	--	51.07	22.90	0.01	28.16	24,000	15,000	16,000	4,900	24,400	63,000	3.7	SPL	---	
	10/2/1997	--	51.07	24.65	0.02	26.40	--	--	--	--	--	--	--	---	---	
	10/3/1997	--	51.07	--	--	--	250,000	32,000	39,000	6,000	42,000	160,000	4.5	SPL	---	
	1/9/1998	--	--	--	--	--	300,000	20,000	25,000	5,200	37,000	84,000	--	SPL	---	d
	1/9/1998	--	51.07	21.22	0.01	29.84	420,000	23,000	29,000	5,800	43,000	75,000	4.0	SPL	---	
	2/2/1998	--	51.07	20.11	--	30.96	410,000	27,000	43,000	6,700	50,000	20,000	--	SPL	---	
	5/6/1998	--	51.07	15.10	0.01	35.96	180,000	25,000	26,000	3,400	22,900	35,000	3.7	SPL	---	
	7/21/1998	--	51.07	15.31	0.01	35.75	270,000	21,000	20,000	2,700	18,800	34,000	3.8	SPL	---	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	12/30/1998	--	51.07	21.10	0.10	29.87	300,000	22,000	24,000	4,200	26,000	89000/95000	--	SPL	---	j
	5/10/1999	--	51.07	16.68	--	34.39	220,000	20,000	20,000	2,800	20,000	100,000	--	SPL	---	
	9/23/1999	--	51.07	22.50	--	28.57	160,000	21,000	24,000	2,900	20,000	44,000	--	SPL	---	
	12/23/1999	--	51.07	22.64	--	28.43	170,000	25,000	41,000	3,100	24,000	40,000	--	PACE	---	k
	3/27/2000	--	51.07	16.88	--	34.19	140,000	15,000	25,000	3,400	21,000	19,000	--	PACE	---	
	5/22/2000	--	51.07	17.75	--	33.32	150,000	18,000	31,000	3,500	22,000	26,000	--	PACE	---	
	8/31/2000	--	51.07	21.97	--	29.10	200,000	16,000	26,000	2,500	16,000	38,000	--	PACE	---	
	12/11/2000	--	51.07	22.05	--	29.02	130,000	18,600	30,000	3,250	20,600	21,700	--	PACE	---	
	3/20/2001	--	51.07	17.75	--	33.32	140,000	15,900	24,800	3,700	22,100	12,900	--	PACE	---	
	6/19/2001	--	51.07	20.15	--	30.92	130,000	15,100	19,500	3,300	21,400	20,300	--	PACE	---	
	9/20/2001	--	51.07	22.14	--	28.93	110,000	12,400	12,600	2,230	13,000	39,500	--	PACE	---	
	12/27/2001	--	51.07	18.17	--	32.90	150,000	17,500	26,000	3,050	19,500	27,500	--	PACE	---	
	2/28/2002	--	51.07	17.42	--	33.65	120,000	13,900	18,800	3,030	19,600	17,300	--	PACE	---	
	6/28/2002	--	51.07	17.04	--	34.03	3,700	190	23.3	139	287	826	--	PACE	---	***
	9/12/2002	--	51.07	19.52	--	31.55	100,000	13,000	22,000	3,600	20,000	18,000	--	SEQ	6.6	*
	12/12/2002	--	51.07	21.08	--	29.99	120,000	13,000	21,000	4,400	25,000	16,000	--	SEQ	6.6	
	3/10/2003	--	51.07	17.84	--	33.23	100,000	17,000	21,000	3,400	20,000	4,400	--	SEQ	6.8	
	5/12/2003	--	51.07	16.66	--	34.41	150,000	16,000	24,000	3,500	22,000	3,600	--	SEQ	7.1	
	8/27/2003	--	51.07	19.65	--	31.42	120,000	14,000	12,000	3,900	20,000	5,100	--	SEQ	6.9	n
	11/10/2003	P	51.07	20.80	--	30.27	97,000	12,000	9,500	3,600	15,000	4,200	--	SEQM	6.7	
	02/03/2004	P	51.07	16.82	--	34.25	130,000	14,000	19,000	3,400	20,000	1,900	--	SEQM	6.8	
	05/04/2004	P	51.07	16.19	--	34.88	120,000	12,000	16,000	3,700	22,000	2,500	--	SEQM	6.7	
	08/31/2004	P	51.07	19.50	--	31.57	99,000	10,000	13,000	3,700	18,000	3,400	--	SEQM	6.8	
	11/23/2004	**P**	**51.07**	**18.20**	**--**	**32.87**	**110,000**	**8,200**	**17,000**	**4,000**	**23,000**	**2,400**	**--**	**SEQM**	**6.7**	**s**
MW-3	1/5/1992	--	49.95	33.69	--	16.26	7,400	790	23	210	40	--	--	---	---	
	1/10/1992	--	49.95	33.74	--	16.21	--	--	--	--	--	--	--	---	---	
	6/5/1992	--	49.95	29.65	--	20.30	2,000	130	5.3	93	20	--	--	---	---	
	7/24/1992	--	49.95	30.14	--	19.81	--	--	--	--	--	--	--	---	---	
	7/27/1992	--	49.95	30.14	--	19.81	--	--	--	--	--	--	--	---	---	
	9/15/1992	--	49.95	31.07	--	18.88	450	55	3.1	34	7.1	--	--	ANA	---	
	12/15/1992	--	49.95	31.93	--	18.02	12,000	940	<50	310	120	--	--	ANA	---	c
	3/15/1993	--	49.95	25.71	--	24.24	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	---	l
	6/7/1993	--	49.95	25.80	--	24.15	150	3.6	<0.5	0.9	1.3	--	--	PACE	---	l

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	9/23/1993	--	49.95	29.18	--	20.77	--	--	--	--	--	--	--	---	---	
	9/24/1993	--	49.95	--	--	--	160	8.4	<0.5	3.7	1.3	15.3	--	PACE	---	I
	12/27/1993	--	49.95	29.25	--	20.70	9,400	1,100	48	530	120	2,871	--	PACE	---	e,I
	4/5/1994	--	49.95	26.84	--	23.11	7,000	860	19	330	52	10,414	2.0	PACE	---	I
	7/22/1994	--	49.95	26.90	--	23.11	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.1	PACE	---	I
	10/13/1994	--	49.95	27.83	--	22.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.6	PACE	---	I
	1/25/1995	--	49.95	21.65	--	28.30	<50	<0.5	<0.5	<0.5	<1	--	--	ATI	---	
	4/19/1995	--	49.95	19.33	--	30.62	2,400	170	8	130	27	--	5.0	ATI	---	
	7/5/1995	--	49.95	20.27	--	29.68	<50	<0.50	<0.50	<0.50	<1.0	--	4.4	ATI	---	
	10/5/1995	--	49.95	23.73	--	26.22	2,300	210	3.1	10	5.1	2,400	4.2	ATI	---	
	1/12/1996	--	49.95	24.84	--	25.11	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.1	ATI	---	
	4/22/1996	--	49.95	18.60	--	31.35	<50	<0.5	<1	<1	<1	<10	4.4	SPL	---	
	7/2/1996	--	49.95	18.88	--	31.07	<50	<0.5	<1	<1	<1	<10	4.2	SPL	---	
	11/8/1996	--	49.95	19.14	--	30.81	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	---	
	1/3/1997	--	49.95	18.72	--	31.23	<50	<0.5	<1.0	<1.0	<1.0	<10	4.6	SPL	---	
	4/28/1997	--	49.95	19.38	--	30.57	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL	---	
	7/1/1997	--	49.95	21.65	--	28.30	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	---	
	10/2/1997	--	49.95	23.45	--	26.50	<50	<0.5	<1.0	<1.0	<1.0	<10	4.5	SPL	---	
	1/9/1998	--	49.95	20.10	--	29.85	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL	---	
	5/6/1998	--	49.95	15.57	--	34.38	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	---	
	7/21/1998	--	--	--	--	--	60	<0.5	<1.0	<1.0	<1.0	<10	--	SPL	---	d
	7/21/1998	--	49.95	15.88	--	34.07	51	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	---	
	12/30/1998	--	49.95	20.30	--	29.65	--	--	--	--	--	--	--	SPL	---	
	2/2/1999	--	49.95	19.75	--	30.20	<50	<1.0	<1.0	<1.0	<1.0	<10	--	SPL	---	
	5/10/1999	--	49.95	16.17	--	33.78	--	--	--	--	--	--	--	---	---	
	9/23/1999	--	49.95	22.05	--	27.90	--	--	--	--	--	--	--	---	---	
	12/23/1999	--	49.95	22.55	--	27.40	--	--	--	--	--	--	--	---	---	
	3/27/2000	--	49.95	16.40	--	33.55	350	22	<0.5	<0.5	<0.5	580	--	PACE	---	
	5/22/2000	--	49.95	9.49	--	40.46	--	--	--	--	--	--	--	---	---	**
	8/31/2000	--	49.95	13.02	--	36.93	--	--	--	--	--	--	--	---	---	**
	12/11/2000	--	49.95	13.30	--	36.65	--	--	--	--	--	--	--	---	---	**
	3/20/2001	--	49.95	16.49	--	33.46	1,000	66.4	0.597	6.96	<1.5	398	--	PACE	---	
	6/19/2001	--	49.95	18.82	--	31.13	--	--	--	--	--	--	--	---	---	
	9/20/2001	--	49.95	21.59	--	28.36	230	<0.5	0.593	<0.5	<1.5	289	--	PACE	---	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	12/27/2001	--	49.95	17.37	--	32.58	--	--	--	--	--	--	--	---	---	
	2/28/2002	--	49.95	15.81	--	34.14	<50	<0.5	<0.5	<0.5	<1.0	0.58	--	PACE	---	
	6/28/2002	--	49.95	17.09	--	32.86	--	--	--	--	--	--	--	---	---	
	9/12/2002*	--	49.95	18.80	--	31.15	52	3.3	8.6	1.7	12	11	--	SEQ	7.0	
	12/12/2002	--	49.95	20.57	--	29.38	--	--	--	--	--	--	--	---	---	
	3/10/2003	--	49.95	16.68	--	33.27	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	SEQ	7.0	
	5/12/2003	--	49.95	14.72	--	35.23	--	--	--	--	--	--	--	---	---	
	8/27/2003	--	49.95	18.50	--	31.45	<50	<0.50	<0.50	<0.50	0.5	<0.50	--	---	7.1	n
	11/10/2003	--	49.95	19.66	--	30.29	--	--	--	--	--	--	--	--	--	
	02/03/2004	P	49.95	15.33	--	34.62	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
	08/31/2004	P	49.95	18.13	--	31.82	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.1	
	11/23/2004	**NP**	**49.95**	**16.48**	--	**33.47**	--	--	--	--	--	--	--	--	--	
MW-4	7/24/1992	--	50.76	30.02	--	20.74	42,000	3,200	3,600	1,400	4,100	--	--	---	---	
	7/27/1992	--	50.76	30.02	--	20.74	--	--	--	--	--	--	--	---	---	
	9/15/1992	--	50.76	31.14	--	19.62	55,000	7,600	13,000	2,800	9,500	--	--	ANA	---	c
	12/15/1992	--	50.76	31.98	--	18.78	36,000	3,700	4,700	1,200	4,000	--	--	ANA	---	c
	3/15/1993	--	50.76	25.34	--	25.42	69,000	7,600	15,000	2,500	11,000	--	--	PACE	---	l
	6/7/1993	--	50.76	25.67	--	25.09	73,000	10,000	19,000	3,400	14,000	--	--	PACE	---	l
	9/23/1993	--	50.76	29.37	--	21.39	--	--	--	--	--	--	--	---	---	
	9/24/1993	--	--	--	--	--	59,000	5,300	10,000	2,200	8,400	309	--	PACE	---	d
	9/24/1993	--	50.76	--	--	--	68,000	11,000	2,100	8,600	990	390	--	PACE	---	l
	12/27/1993	--	50.76	29.40	--	21.36	32,000	2,500	4,400	1,300	4,400	387	--	PACE	---	l
	4/5/1994	--	50.76	27.09	--	23.67	64,000	6,500	14,000	1,900	9,600	413	1.4	PACE	---	l
	7/22/1994	--	--	--	--	--	85,000	11,000	21,000	3,300	14,000	435	--	PACE	---	d, l
	7/22/1994	--	50.76	27.33	--	23.43	85,000	10,000	20,000	3,200	13,000	796	0.8	PACE	---	l
	10/13/1994	--	--	--	--	--	51,000	7,400	13,000	2,100	9,100	773	--	PACE	---	d, l
	10/13/1994	--	50.76	28.25	--	22.51	51,000	7,100	13,000	2,100	8,900	506	2.9	PACE	---	e,l
	1/25/1995	--	--	--	--	--	28,000	4,200	12,000	1,500	7,800	--	--	ATI	---	d, l
	1/25/1995	--	50.76	21.85	--	28.91	26,000	3,600	9,600	1,200	6,400	--	--	ATI	---	
	4/19/1995	--	--	--	--	--	100,000	12,000	26,000	3,800	21,000	--	--	ATI	---	d
	4/19/1995	--	50.76	19.44	--	31.32	89,000	12,000	24,000	3,500	18,000	--	5.1	ATI	---	
	7/5/1995	--	50.76	20.52	--	30.24	130,000	13,000	29,000	3,300	25,000	--	4.3	ATI	---	
	10/5/1995	--	50.76	24.23	--	26.53	110,000	10,000	23,000	3,600	17,000	34,000	2.1	ATI	---	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	1/12/1996	--	--	--	--	--	40,000	3,500	9,000	1,200	8,700	4,300	--	ATI	---	d
	1/12/1996	--	50.76	25.34	--	25.42	46,000	3,500	8,300	1,100	8,000	3,000	3.3	ATI	---	
	4/22/1996	--	--	--	--	--	61,000	8,300	16,000	1,600	15,200	36,000	--	SPL	---	d
	4/22/1996	--	50.76	19.13	--	31.63	40,000	5,100	9,600	980	11,800	29,000	3.2	SPL	---	
	7/2/1996	--	--	--	--	--	78,000	9,800	21,000	1,900	15,300	42,000	--	SPL	---	d
	7/2/1996	--	50.76	20.67	--	30.09	74,000	9,800	21,000	2,100	16,600	41,000	3.4	SPL	---	
	11/8/1996	--	--	--	--	--	110,000	9,100	20,000	3,000	15,400	39,000	--	SPL	---	d
	11/8/1996	--	50.76	20.95	--	29.81	100,000	7,900	16,000	2,500	13,700	37,000	3.7	SPL	---	
	1/3/1997	--	--	--	--	--	66,000	12,000	19,000	2,900	15,000	69,000	--	SPL	---	d
	1/3/1997	--	50.76	20.54	--	30.22	99,000	17,000	30,000	4,300	22,700	79,000	4.2	SPL	---	
	4/28/1997	--	--	--	--	--	110,000	11,000	26,000	3,200	18,200	34,000	--	SPL	---	d
	4/28/1997	--	50.76	21.28	--	29.48	130,000	12,000	28,000	3,800	21,000	37,000	3.9	SPL	---	
	7/1/1997	--	50.76	23.61	--	27.15	110,000	16,000	25,000	4,900	24,400	37,000	3.6	SPL	---	
	10/2/1997	--	50.76	25.39	--	25.37	--	--	--	--	--	--	--	---	---	
	10/3/1997	--	--	--	--	--	71,000	8,600	8,700	2,900	13,500	84,000	--	SPL	---	d
	10/3/1997	--	50.76	--	--	--	66,000	8,200	8,600	2,700	13,400	80,000	4.4	SPL	---	
	1/9/1998	--	50.76	21.25	--	29.51	100,000	9,700	3,200	1,500	4,700	92,000	3.8	SPL	---	
	5/6/1998	--	--	--	--	--	440,000	8,000	39,000	14,000	70,000	<5000	--	SPL	---	d
	5/6/1998	--	50.76	15.96	--	34.80	430,000	6,900	31,000	11,000	56,000	<5000	3.9	SPL	---	
	7/21/1998	--	--	--	--	--	210,000	11,000	27,000	5,600	26,800	29,000	--	SPL	---	d
	7/21/1998	--	50.76	16.10	--	34.66	250,000	11,000	26,000	5,500	26,900	29,000	3.7	SPL	---	
	12/30/1998	--	50.76	20.91	--	29.85	370,000	11,000	22,000	8,500	40,000	90000/92000	--	SPL	---	j
	2/2/1999	--	50.76	20.13	--	30.63	190,000	4,100	19,000	4,800	32,000	28,000	--	SPL	---	
	5/10/1999	--	50.76	16.63	--	34.13	2,700	23	7.1	8.1	25	120	--	SPL	---	
	9/23/1999	--	50.76	22.48	--	28.28	180,000	11,000	29,000	7,000	38,000	12,000	--	SPL	---	
	12/23/1999	--	50.76	22.94	--	27.82	66,000	6,300	5,200	2,200	7,800	35,000	--	PACE	---	k
	3/27/2000	--	50.76	16.84	--	33.92	120,000	8,700	12,000	3,800	16,000	27,000	--	PACE	---	
	5/22/2000	--	50.76	17.85	--	32.91	110,000	7,600	16,000	4,400	20,000	25,000	--	PACE	---	
	8/31/2000	--	50.76	21.71	--	29.05	110,000	8,800	7,600	3,400	14,000	18,000	--	PACE	---	
	12/11/2000	--	50.76	22.05	--	28.71	70,000	4,580	3,480	2,550	9,220	24,400	--	PACE	---	
	3/20/2001	--	50.76	17.68	--	33.08	100,000	7,100	4,530	2,540	9,370	63,100	--	PACE	---	
	6/19/2001	--	50.76	19.40	--	31.36	180,000	7,430	14,600	5,400	25,300	36,100	--	PACE	---	
	9/20/2001	--	50.76	22.01	0.03	28.75	--	--	--	--	--	--	--	---	---	f, m
	12/27/2001	--	50.76	17.96	--	32.80	120,000	6,880	9,030	2,840	14,600	32,300	--	PACE	---	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	2/28/2002	--	50.76	17.06	--	33.70	80,000	4,920	5,450	2,220	12,300	35,900	--	PACE	---	
	6/28/2002	--	50.76	17.76	--	33.00	48,000	2,780	2,770	1,530	6,790	25,100	--	PACE	---	
	9/12/2002*	--	50.76	19.45	--	31.31	46,000	4,500	6,800	2,600	10,000	9,100	--	SEQ	6.8	
	12/12/2002	--	50.76	21.29	--	29.47	36,000	5,200	3,400	2,000	6,500	12,000	--	SEQ	6.7	
	3/10/2003	--	50.76	17.16	--	33.60	70,000	7,000	4,800	3,300	13,000	29,000	--	SEQ	6.7	
	5/12/2003	--	50.76	14.51	--	36.25	75,000	7,600	3,700	3,400	13,000	26,000	--	SEQ	6.8	
	8/27/2003	--	50.76	19.32	--	31.44	77,000	7,500	1,300	2,100	4,000	32,000	--	SEQ	6.8	f, n
	11/10/2003	P	50.76	20.36	--	30.40	110,000	7,100	3,100	2,100	5,800	25,000	--	SEQM	6.6	
	02/03/2004	P	50.76	16.51	--	34.25	160,000	8,400	9,700	5,000	23,000	26,000	--	SEQM	6.7	
	05/04/2004	P	50.76	16.47	--	34.29	110,000	8,100	7,500	4,300	17,000	<250	--	SEQM	6.7	
	08/31/2004	P	50.76	19.16	--	31.60	91,000	6,600	8,400	3,700	14,000	14,000	--	SEQM	6.7	
	11/23/2004	**P**	**50.76**	**18.02**	**--**	**32.74**	**7,400,000**	**20,000**	**150,000**	**320,000**	**1,400,000**	**23,000**	**--**	**SEQM**	**6.6**	**s**
MW-6	7/24/1992	--	50.32	30.63	--	19.69	ND	1.6	ND	ND	ND	--	--	---	---	
	7/27/1992	--	50.32	30.63	--	19.69	--	--	--	--	--	--	--	---	---	
	9/15/1992	--	50.32	31.52	--	18.80	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	---	
	12/15/1992	--	50.32	32.42	--	17.90	58	1.3	<0.5	<0.5	<0.5	--	--	ANA	---	
	3/15/1993	--	50.32	26.29	--	24.03	<50	<0.5	0.6	<0.5	0.7	--	--	PACE	---	l
	6/7/1993	--	50.32	26.33	--	23.99	<50	<0.5	<0.5	<0.5	1.5	--	--	PACE	---	l
	9/23/1993	--	50.32	29.64	--	20.68	--	--	--	--	--	--	--	---	---	
	9/24/1993	--	50.32	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	28.5	--	PACE	---	l
	12/27/1993	--	50.32	29.75	--	20.57	<50	<0.5	<0.5	<0.5	<0.5	55.4	--	PACE	---	e,l
	4/5/1994	--	50.32	27.26	--	23.06	<50	<0.5	<0.5	<0.5	<0.5	295	1.7	PACE	---	e,l
	7/22/1994	--	50.32	27.34	--	22.98	350	<0.5	<0.5	<0.5	<0.5	419	4.5	PACE	---	e,l
	10/13/1994	--	50.32	--	--	--	--	--	--	--	--	--	--	---	---	g
	1/25/1995	--	50.32	22.16	--	28.16	240	6	<0.5	<0.5	<1	--	--	ATI	---	
	4/19/1995	--	50.32	--	--	--	--	--	--	--	--	--	--	---	---	g
	7/5/1995	--	50.32	20.80	--	29.52	180	<0.50	<0.50	<0.50	<1.0	--	4.9	ATI	---	
	10/5/1995	--	50.32	24.20	--	26.12	860	<5.0	<5.0	<5.0	<10	3,600	2.8	ATI	---	
	1/12/1996	--	50.32	25.30	--	25.02	860	<5.0	<5.0	<5.0	<10	2,800	4.2	ATI	---	
	4/22/1996	--	50.32	19.13	--	31.19	<50	<0.5	<1	<1	<1	470	4.3	SPL	---	
	7/2/1996	--	50.32	20.66	--	29.66	100	<0.5	<1	<1	<1	1,100	4.2	SPL	---	
	11/8/1996	--	50.32	20.98	--	29.34	1,100	<5	<10	<10	<10	1,500	4.3	SPL	---	
	1/3/1997	--	50.32	20.53	--	29.79	<50	<0.5	<1.0	<1.0	<1.0	450	4.5	SPL	---	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., Oakland, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-6	4/28/1997	--	50.32	21.25	--	29.07	1,400	<0.5	<1.0	<1.0	<1.0	3,500	4.4	SPL	---	
	7/1/1997	--	50.32	23.40	--	26.92	6,100	<0.5	<1.0	<1.0	<1.0	9,100	3.9	SPL	---	
	10/2/1997	--	50.32	25.16	--	25.16	--	--	--	--	--	--	--	---	---	
	10/3/1997	--	50.32	--	--	--	330	<0.5	<1.0	<1.0	<1.0	2,600	4.4	SPL	---	
	1/9/1998	--	50.32	21.13	--	29.19	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL	---	
	5/6/1998	--	50.32	16.11	--	34.21	410	<0.5	<1.0	<1.0	<1.0	500	3.6	SPL	---	
	7/21/1998	--	50.32	16.33	--	33.99	4,300	<5	<10	<10	<10	3,800	4.0	SPL	---	
	12/30/1998	--	50.32	20.89	--	29.43	--	--	--	--	--	--	--	---	---	
	2/2/1999	--	50.32	20.20	--	30.12	--	--	--	--	--	--	--	---	---	
	5/10/1999	--	50.32	16.75	--	33.57	--	--	--	--	--	--	--	---	---	
	9/23/1999	--	50.32	22.55	--	27.77	<50	<1.0	<1.0	<1.0	<1.0	1,600	--	SPL	---	
	12/23/1999	--	50.32	23.00	--	27.32	--	--	--	--	--	--	--	---	---	
	3/27/2000	--	50.32	16.89	--	33.43	1,700	4.4	0.54	<0.5	1	14,000	--	PACE	---	
	5/22/2000	--	50.32	18.02	--	32.30	--	--	--	--	--	--	--	---	---	
	8/31/2000	--	50.32	21.62	--	28.70	1,200	<0.5	<0.5	<0.5	<0.5	3,900	--	PACE	---	
	12/11/2000	--	50.32	21.81	--	28.51	--	--	--	--	--	--	--	---	---	
	3/20/2001	--	50.32	16.97	--	33.35	3,300	<0.5	<0.5	<0.5	<1.5	3,760	--	PACE	---	
	6/19/2001	--	50.32	19.30	--	31.02	--	--	--	--	--	--	--	---	---	
	9/20/2001	--	50.32	22.00	--	28.32	2,200	2.04	8.1	3.62	13.7	2,460	--	PACE	---	
	12/27/2001	--	50.32	17.85	--	32.47	830	0.59	<0.5	<0.5	<1.0	1,040	--	PACE	---	
	2/28/2002	--	50.32	16.31	--	34.01	1,100	<0.5	<0.5	<0.5	<1.0	1,450	--	PACE	---	
	6/28/2002	--	50.32	17.57	--	32.75	<50	<0.5	<0.5	<0.5	<1.0	1,020	--	PACE	---	
	9/12/2002	--	50.32	19.27	--	31.05	190	1.9	4.6	1	7.3	480	--	SEQ	7.1	*
	12/12/2002	--	50.32	20.94	--	29.38	270	<2.5	<2.5	<2.5	<2.5	500	--	SEQ	6.9	
	3/10/2003	--	50.32	17.11	--	33.21	110	<0.50	<0.50	<0.50	<0.50	190	--	SEQ	7.0	
	5/12/2003	--	50.32	15.18	--	35.14	<50	<0.50	<0.50	<0.50	<0.50	36	--	SEQ	7.0	
	8/27/2003	--	50.32	18.90	--	31.42	<50	<0.50	<0.50	<0.50	<0.50	8.9	--	SEQ	7.0	n
	11/10/2003	P	50.32	20.13	--	30.19	<50	<0.50	<0.50	<0.50	<0.50	4.5	--	SEQM	6.8	
	02/03/2004	NP	50.32	15.83	--	34.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.9	
	05/04/2004	P	50.32	15.62	--	34.70	<50	<0.50	<0.50	<0.50	<0.50	24	--	SEQM	6.9	
	08/31/2004	P	50.32	18.56	--	31.76	<50	<0.50	<0.50	<0.50	<0.50	27	--	SEQM	7.0	
	11/23/2004	**NP**	**50.32**	**16.95**	**--**	**33.37**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-7	1/25/1995	--	51.4	21.67	--	29.73	<50	<0.5	<0.5	<0.5	<1	--	7.0	ATI	---	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	4/19/1995	--	51.4	25.27	--	26.13	<50	<0.5	<0.5	<0.5	<1	--	5.0	ATI	---	
	7/5/1995	--	51.4	24.63	--	26.77	<50	<0.50	<0.50	<0.50	<1.0	--	4.2	ATI	---	
	10/5/1995	--	51.4	28.21	--	23.19	83	<0.50	<0.50	<0.50	<1.0	77	4.5	ATI	---	
	1/12/1996	--	51.4	29.29	--	22.11	63	<0.50	<0.50	<0.50	<1.0	120	4.8	ATI	---	
	4/22/1996	--	51.4	23.11	--	28.29	<50	<0.5	<1	<1	<1	13	4.8	SPL	---	
	7/2/1996	--	51.4	23.56	--	27.84	<50	<0.5	<1	<1	<1	<10	4.8	SPL	---	
	11/8/1996	--	51.4	20.06	--	31.34	<50	<0.5	<1.0	<1.0	<1.0	<10	5.1	SPL	---	
	1/3/1997	--	51.4	23.42	--	27.98	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL	---	
	4/28/1997	--	51.4	24.12	--	27.28	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	---	
	7/1/1997	--	51.4	26.40	--	25.00	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL	---	
	10/2/1997	--	51.4	28.14	--	23.26	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL	---	
	1/9/1998	--	51.4	24.02	--	27.38	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL	---	
	5/6/1998	--	51.4	21.00	--	30.40	1,900	<0.5	<1.0	<1.0	<1.0	1,800	3.5	SPL	---	
	7/21/1998	--	51.4	21.17	--	30.23	50	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL	---	
	12/30/1998	--	51.4	22.13	--	29.27	--	--	--	--	--	--	--	---	---	
	2/2/1999	--	51.4	22.08	--	29.32	--	--	--	--	--	--	--	---	---	
	5/10/1999	--	51.4	18.58	--	32.82	--	--	--	--	--	--	--	---	---	
	9/23/1999	--	51.4	24.29	--	27.11	70	<1.0	<1.0	<1.0	<1.0	4,700	--	SPL	---	
	12/23/1999	--	51.4	24.53	--	26.87	--	--	--	--	--	--	--	---	---	
	3/27/2000	--	51.4	18.58	--	32.82	910	<0.5	<0.5	<0.5	<0.5	2,600	--	PACE	---	
	5/22/2000	--	51.4	19.49	--	31.91	--	--	--	--	--	--	--	---	---	
	8/31/2000	--	51.4	22.53	--	28.87	440	<0.5	<0.5	<0.5	<0.5	900	--	PACE	---	
	12/11/2000	--	51.4	22.75	--	28.65	--	--	--	--	--	--	--	---	---	
	3/20/2001	--	51.4	18.79	--	32.61	1,100	<0.5	<0.5	<0.5	<1.5	1,210	--	PACE	---	
	6/19/2001	--	51.4	19.82	--	31.58	--	--	--	--	--	--	--	---	---	
	9/20/2001	--	51.4	21.35	--	30.05	1,300	1.21	<0.5	<0.5	<1.5	1,550	--	PACE	---	
	12/27/2001	--	51.4	20.36	--	31.04	510	<0.5	<0.5	<0.5	<1.0	643	--	PACE	---	
	2/28/2002	--	51.4	21.86	--	29.54	250	<0.5	<0.5	<0.5	<1.0	317	--	PACE	---	
	6/28/2002	--	51.4	22.64	--	28.76	<50	<0.5	<0.5	<0.5	<1.0	102	--	PACE	---	
	9/12/2002	--	51.4	23.51	--	27.89	<50	<0.5	<0.5	<0.5	1	14	--	SEQ	7.5	*
	12/12/2002	--	51.4	23.75	--	27.65	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	SEQ	7.5	
	3/10/2003	--	51.4	21.25	--	30.15	61	<0.50	<0.50	<0.50	<0.50	99	--	SEQ	7.6	
	5/12/2003	--	51.4	21.44	--	29.96	<100	<1.0	<1.0	<1.0	<1.0	120	--	SEQ	7.6	
	8/27/2003	--	51.4	23.30	--	28.10	120	<0.50	<0.50	<0.50	<0.50	84	--	SEQ	7.6	n

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	11/10/2003	P	51.40	20.24	--	31.16	230	<1.0	<1.0	<1.0	<1.0	92	--	SEQM	6.7	o
	02/03/2004	P	51.40	20.63	--	30.77	<250	<2.5	<2.5	<2.5	<2.5	91	--	SEQM	7.5	
	05/04/2004	P	51.40	21.89	--	29.51	<250	<2.5	<2.5	<2.5	<2.5	190	--	SEQM	7.6	k
	08/31/2004	P	51.40	23.16	--	28.24	<500	<5.0	<5.0	<5.0	<5.0	220	--	SEQM	7.3	
	11/23/2004	**P**	**51.40**	**21.65**	**--**	**29.75**	**590**	**<2.5**	**5.0**	**11**	**51**	**290**	**--**	**SEQM**	**7.1**	
MW-8	1/25/1995	--	50.88	31.59	--	19.29	54	<0.5	<0.5	<0.5	<1	--	7.1	ATI	---	
	4/19/1995	--	50.88	19.18	--	31.70	<50	<0.5	<0.5	<0.5	<1	--	5.1	ATI	---	
	7/5/1995	--	50.88	19.03	--	31.85	<50	<0.50	<0.50	<0.50	<1.0	--	4.5	ATI	---	
	10/5/1995	--	50.88	24.40	--	26.48	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.1	ATI	---	
	1/12/1996	--	50.88	25.51	--	25.37	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.6	ATI	---	
	4/22/1996	--	50.88	18.00	--	32.88	<50	<0.5	<1	<1	<1	<10	4.8	SPL	---	
	7/2/1996	--	50.88	19.83	--	31.05	<50	<0.5	<1	<1	<1	<10	4.5	SPL	---	
	11/8/1996	--	50.88	20.09	--	30.79	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL	---	
	1/3/1997	--	50.88	19.72	--	31.16	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	---	
	4/28/1997	--	50.88	20.44	--	30.44	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL	---	
	7/1/1997	--	50.88	22.72	--	28.16	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	---	
	10/2/1997	--	50.88	24.51	--	26.37	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL	---	
	1/9/1998	--	50.88	21.17	--	29.71	<50	<0.5	<1.0	<1.0	<1.0	<10	3.5	SPL	---	
	5/6/1998	--	50.88	18.34	--	32.54	<50	<0.5	<1.0	<1.0	<1.0	<10	3.6	SPL	---	
	7/21/1998	--	50.88	18.55	--	32.33	90	<0.5	<1.0	<1.0	<1.0	<10	3.3	SPL	---	
	12/30/1998	--	50.88	20.40	--	30.48	--	--	--	--	--	--	--	---	---	
	2/2/1999	--	50.88	19.28	--	31.60	--	--	--	--	--	--	--	---	---	
	5/10/1999	--	50.88	15.62	--	35.26	--	--	--	--	--	--	--	---	---	
	9/23/1999	--	50.88	21.74	--	29.14	--	--	--	--	--	--	--	---	---	
	12/23/1999	--	50.88	22.83	--	28.05	--	--	--	--	--	--	--	---	---	
	3/27/2000	--	50.88	16.25	--	34.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	---	
	5/22/2000	--	50.88	17.06	--	33.82	--	--	--	--	--	--	--	---	---	
	8/31/2000	--	50.88	21.72	--	29.16	--	--	--	--	--	--	--	---	---	
	12/11/2000	--	50.88	22.03	--	28.85	--	--	--	--	--	--	--	---	---	
	3/20/2001	--	50.88	16.23	--	34.65	<50	<0.5	<0.5	<0.5	<1.5	0.991	--	PACE	---	
	6/19/2001	--	50.88	19.35	--	31.53	--	--	--	--	--	--	--	---	---	
	9/20/2001	--	50.88	21.95	--	28.93	--	--	--	--	--	--	--	---	---	
	12/27/2001	--	50.88	16.98	--	33.90	--	--	--	--	--	--	--	---	---	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	2/28/2002	--	50.88	15.38	--	35.50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	PACE	---	
	6/28/2002	--	50.88	16.97	--	33.91	--	--	--	--	--	--	--	---	---	
	9/12/2002*	--	50.88	19.47	--	31.41	--	--	--	--	--	--	--	---	---	
	12/12/2002	--	50.88	20.84	--	30.04	--	--	--	--	--	--	--	---	---	
	3/10/2003	--	50.88	16.56	--	34.32	<50	<0.50	<0.50	<0.50	<0.50	3	--	SEQ	7.1	
	5/12/2003	--	50.88	13.63	--	37.25	--	--	--	--	--	--	--	---	---	
	8/27/2003	--	50.88	18.90	--	31.98	--	--	--	--	--	--	--	---	---	n
	11/10/2003	--	50.88	19.68	--	31.20	--	--	--	--	--	--	--	--	--	
	02/03/2004	P	50.88	14.76	--	36.12	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.5	
	05/04/2004	--	50.88	14.69	--	36.19	--	--	--	--	--	--	--	--	--	
	08/31/2004	--	50.88	18.08	--	32.80	--	--	--	--	--	--	--	--	--	
	11/23/2004	**NP**	**50.88**	**15.77**	**--**	**35.11**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-9	1/25/1995	--	51.05	22.32	--	28.73	<50	<0.5	<0.5	<0.5	<1	--	7.4	ATI	---	
	4/19/1995	--	51.05	19.86	--	31.19	<50	<0.5	<0.5	<0.5	<1	--	5.2	ATI	---	
	7/5/1995	--	51.05	20.78	--	30.27	<50	<0.50	<0.50	<0.50	<1.0	--	4.4	ATI	---	
	10/5/1995	--	--	--	--	--	52	<0.50	<0.50	<0.50	<1.0	160	--	ATI	---	d
	10/5/1995	--	51.05	24.33	--	26.72	<50	<0.50	<0.50	<0.50	<1.0	--	2.3	ATI	---	
	1/12/1996	--	51.05	25.44	--	25.61	<50	<0.50	<0.50	<0.50	<1.0	<5.0	3.2	ATI	---	
	4/22/1996	--	51.05	18.01	--	33.04	<50	<0.5	<1	<1	<1	11	3.5	SPL	---	
	7/2/1996	--	51.05	19.70	--	31.35	<50	<0.5	<1	<1	<1	<10	3.3	SPL	---	
	11/8/1996	--	51.05	19.96	--	31.09	<50	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL	---	
	1/3/1997	--	51.05	19.52	--	31.53	<250	<2.5	<5.0	<5.0	<5.0	<50	4.4	SPL	---	
	4/28/1997	--	51.05	20.22	--	30.83	<50	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL	---	
	7/1/1997	--	51.05	22.59	--	28.46	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	---	
	10/2/1997	--	51.05	24.33	--	26.72	--	--	--	--	--	--	--	---	---	
	10/3/1997	--	51.05	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	---	
	1/9/1998	--	51.05	21.11	--	29.94	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	---	
	5/6/1998	--	51.05	18.26	--	32.79	<50	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL	---	
	7/21/1998	--	51.05	18.46	--	32.59	70	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL	---	
	12/30/1998	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	2/2/1999	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	5/10/1999	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	9/23/1999	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	12/23/1999	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	3/27/2000	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	5/22/2000	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	8/31/2000	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	12/11/2000	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	3/20/2001	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	6/19/2001	--	51.05	--	--	--	--	--	--	--	--	--	--	---	---	g
	9/20/2001	--	51.05	22.20	--	28.85	6,300	2.87	<0.5	<0.5	<1.5	8,640	--	PACE	---	
	12/27/2001	--	51.05	18.92	--	32.13	--	--	--	--	--	--	--	---	---	
	2/28/2002	--	51.05	17.22	--	33.83	19,000	1,560	61.3	84	111	20,200	--	PACE	---	
	6/28/2002	--	51.05	18.20	--	32.85	--	--	--	--	--	--	--	---	---	
	9/12/2002	--	51.05	19.92	--	31.13	5,100	570	180	<25	220	6,400	--	SEQ	6.8	*
	12/12/2002	--	51.05	21.78	--	29.27	--	--	--	--	--	--	--	---	---	
	3/10/2003	--	51.05	18.25	--	32.80	26,000	2,500	<100	<100	<100	33,000	--	SEQ	6.9	
	5/12/2003	--	51.05	16.29	--	34.76	--	--	--	--	--	--	--	SEQ	---	
	8/27/2003	--	51.05	19.69	--	31.36	11,000	830	<50	<50	<50	6,300	--	SEQ	7.1	n
	11/10/2003	--	51.05	19.97	--	31.08	--	--	--	--	--	--	--	--	--	
	02/03/2004	P	51.05	17.23	--	33.82	6,200	180	<50	<50	<50	2,100	--	SEQM	7.2	
	05/04/2004	--	51.05	17.17	--	33.88	--	--	--	--	--	--	--	--	--	
	08/31/2004	P	51.05	19.71	--	31.34	<2,500	210	<25	<25	<25	1,500	--	SEQM	7.0	
	11/23/2004	**NP**	**51.05**	**18.58**	**--**	**32.47**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-10	1/9/1998	--	--	20.97	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL	---	h
	5/6/1998	--	--	18.07	--	--	800	<0.5	<1.0	<1.0	<1.0	980	3.9	SPL	---	h
	7/21/1998	--	--	18.28	--	--	80	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL	---	h
	12/30/1998	--	--	22.22	--	--	--	--	--	--	--	--	--	---	---	h
	2/2/1999	--	--	21.83	--	--	940	<10	<10	<10	<10	690	--	SPL	---	h
	5/10/1999	--	--	17.99	--	--	--	--	--	--	--	--	--	---	---	h
	9/23/1999	--	--	22.61	--	--	<50	<1.0	<1.0	<1.0	1.4	1,000	--	SPL	---	h
	12/23/1999	--	--	23.75	--	--	--	--	--	--	--	--	--	---	---	h
	3/27/2000	--	--	18.83	--	--	1,900	<0.5	<0.5	<0.5	<0.5	28,000	--	PACE	---	h
	5/22/2000	--	--	19.47	--	--	--	--	--	--	--	--	--	---	---	h
	8/31/2000	--	--	22.64	--	--	1,700	<0.5	<0.5	<0.5	<0.5	13,000	--	PACE	---	h
	12/11/2000	--	--	22.84	--	--	--	--	--	--	--	--	--	---	---	h

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., 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	3/20/2001	--	--	19.57	--	--	16,000	<0.5	<0.5	<0.5	<1.5	11,900	--	PACE	---	h
	6/19/2001	--	--	20.63	--	--	--	--	--	--	--	--	--	---	---	h
	9/20/2001	--	--	23.07	--	--	5,800	<0.5	<0.5	<0.5	<1.5	8,160	--	PACE	---	h
	12/27/2001	--	--	20.92	--	--	6,600	17.3	14.5	<12.5	<25	7,750	--	PACE	---	h
	2/28/2002	--	--	18.52	--	--	3,600	10.8	<0.5	<0.5	<1.0	5,380	--	PACE	---	h
	6/28/2002	--	--	18.41	--	--	<50	<0.5	<0.5	<0.5	<1.0	2,570	--	PACE	---	h
	9/12/2002	--	--	20.57	--	--	660	<5.0	<5.0	<5.0	<5.0	3,300	--	SEQ	7.2	*, h
	12/12/2002	--	--	22.80	--	--	1,400	<5.0	<5.0	<5.0	<5.0	3,300	--	SEQ	6.9	h
	3/10/2003	--	--	19.26	--	--	1,700	<5.0	<5.0	5.3	15	2,800	--	SEQ	6.9	h
	5/12/2003	--	--	17.90	--	--	1,500	<12	<12	<12	<12	2,200	--	SEQ	6.9	h
	8/27/2003	--	--	20.82	--	--	4,100	<25	<25	<25	<25	2,800	--	SEQ	7.0	n, h
	11/10/2003	P	--	21.92	--	--	<5,000	<50	<50	<50	<50	3,300	--	SEQM	6.8	
	02/03/2004	P	--	18.52	--	--	5,100	<50	<50	<50	<50	2,300	--	SEQM	7.0	
	05/04/2004	P	--	17.63	--	--	<2,500	<25	<25	<25	<25	1,600	--	SEQM	6.8	
	08/31/2004	P	--	20.67	--	--	<5,000	<50	<50	<50	<50	1,900	--	SEQM	7.0	
	11/23/2004	**P**	**--**	**19.79**	**--**	**--**	**2,600**	**<25**	**<25**	**<25**	**<25**	**2,300**	**--**	**SEQM**	**6.8**	
QC-2	9/15/1992	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	---	i
	12/15/1992	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	---	i
	3/15/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	---	i, l
	6/7/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	---	i, l
	9/24/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	---	i, l
	12/27/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	---	i, l
	4/5/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	---	i, l
	7/22/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	---	i, l
	10/13/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	---	i, l
	1/25/1995	--	--	--	--	--	<50	<0.5	2	0.6	1	--	--	ATI	---	i
	4/19/1995	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ATI	---	i
	7/5/1995	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	---	i
	10/5/1995	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	---	i
	1/12/1996	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	---	i
	4/22/1996	--	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	---	i
	7/2/1996	--	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	---	i

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117
7210 Bancroft St., Oakland, CA

ABBREVIATIONS AND SYMBOLS:
TPH-G Total petroleum hydrocarbons as gasoline
TPH-D Total petroleum hydrocarbons as diesel
MTBE Methyl tert butyl ether
DO Dissolved Oxygen - field measurement
pH pH Level - field measurement
ug/L Micrograms per liter
ppm Parts per million
< Not detected above reported detection limit
--- Not analyzed/applicable/measurable
TOC Top of casing
DTW Depth to water
P Purge
NP No purge
SEQ Sequoia

FOOTNOTES:
c = Concentrations reported as diesel from MW-1, MW-2 and MW-4 are primarily due to the presence of alighter petroleum product, possibly gasoline or kerosene.
d = Blind duplicate.
e = A copy of the documentation for this data is included in Appendix C of Alisto report 10-018-05-004.
f = Well not sampled due to presence of free product.
g = Well inaccessible.
h = Top of casing not surveyed.
i = Travel blank.
j = EPA method by 8020\8260.
k = Samples ran outside of EPA recommended hold time.
l = A copy of the documentation for this data can be found in Blaine Tech Services report 010619-C-2.The MTBE data for the March 15, 1993 and June 7, 1993 events have been destroyed.
m = Thickness of SPH is only an estimate. The resulting groundwater elevation will not be used in contouring.
n = Samples analyzed by EPA Method 8260B for TPH-g, BTEX, and fuel oxygenates
o = Discrete Peak @ C6-C7
p = Beginning with the 3rd Quarter 2003 (8/7/2003), the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPH-g) has been changed to Gasoline Range Ogranics (GRO). The resulting data may be impacted by the potential inclusion of non -TPH-g analytes within the requested fuel range resulting in a higher concentration being reported. Also, beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.
q = Discrete Peak @ C5-C6
r = Well Dry
s = Sheen in well.
** = Depth to water and resulting groundwater elevation is anamolous and not used in groundwater contouring.
*** = Anomalously low concentrations reported from Cambria. Do not appear to support historic trends.

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

Casing elevations surveyed to the nearest 0.01 foot relative to mean sea level.

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

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117

7210 Bancroft St., Oakland, CA

During the third quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP

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.

Table 2

Fuel Additives Analytical Data

Former BP Station #11117
7210 Bancroft St., 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
EX-1	05/04/2004	<5,000	<1,000	2,500	<25	<25	38	<25	<25	a (ethanol)
	08/31/2004	<10,000	<2,000	2,100	<50	<50	<50	<50	<50	
	11/23/2004	**<5,000**	**<1,000**	**3,000**	**<25**	**<25**	**74**	**<25**	**<25**	
EX-2	05/04/2004	<100	<20	46	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2004	<500	<100	130	<2.5	<2.5	3.4	<2.5	<2.5	
	11/23/2004	**<100**	**<20**	**5.8**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-1	8/27/2003	<100	<20	4.2	<0.50	<0.50	<0.50	--	--	
	11/10/2003	<100	<20	0.51	<0.50	<0.50	<0.50	--	--	
	02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/04/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2004	<100	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-2	8/27/2003	<25,000	<5,000	5,100	<120	<120	140	--	--	
	11/10/2003	<50,000	<10,000	4,200	<250	<250	<250	--	--	
	02/03/2004	<100,000	<20,000	1,900	<500	<500	<500	<500	<500	
	05/04/2004	<50,000	<10,000	2,500	<250	<250	<250	<250	<250	
	08/31/2004	<50,000	<10,000	3,400	<250	<250	<250	<250	<250	
	11/23/2004	**<50,000**	**<10,000**	**2,400**	**<250**	**<250**	**<250**	**<250**	**<250**	
MW-3	8/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-4	8/27/2003	<50,000	<10,000	32,000	<250	<250	250	--	--	
	11/10/2003	<100,000	<20,000	25,000	<500	<500	<500	--	--	
	02/03/2004	<100,000	<20,000	26,000	<500	<500	<500	<500	<500	
	05/04/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
	08/31/2004	<50,000	<10,000	14,000	<250	<250	<250	<250	<250	
	11/23/2004	**<500,000**	**<100,000**	**23,000**	**<2,500**	**<2,500**	**<2,500**	**<2,500**	**<2,500**	
MW-6	8/27/2003	<100	<20	8.9	<0.50	<0.50	<0.50	--	--	
	11/10/2003	<100	<20	4.5	<0.50	<0.50	<0.50	--	--	
	02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a (ethanol)
	05/04/2004	<100	<20	24	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2004	<100	<20	27	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

Former BP Station #11117
7210 Bancroft St., 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-7	8/27/2003	<100	<20	84	<0.50	<0.50	<0.50	--	--	
	11/10/2003	<200	<40	92	<1.0	<1.0	<1.0	--	--	
	02/03/2004	<500	<100	91	<2.5	<2.5	<2.5	<2.5	<2.5	
	05/04/2004	<500	<100	190	<2.5	<2.5	<2.5	<2.5	<2.5	
	08/31/2004	<1,000	<200	220	<5.0	<5.0	<5.0	<5.0	<5.0	
	11/23/2004	**<500**	**<100**	**290**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	
MW-8	02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-9	8/27/2003	<10,000	<2,000	6,300	<50	<50	<50	--	--	
	02/03/2004	<10,000	<2,000	2,100	<50	<50	<50	<50	<50	a
	08/31/2004	<5,000	<1,000	1,500	<25	<25	<25	<25	<25	
MW-10	8/27/2003	<5,000	<1,000	2,800	<25	<25	<25	--	--	
	11/10/2003	<10,000	<2,000	3,300	<50	<50	<50	--	--	
	02/03/2004	<10,000	<2,000	2,300	<50	<50	<50	<50	<50	a
	05/04/2004	<5,000	<1,000	1,600	<25	<25	<25	<25	<25	
	08/31/2004	<10,000	<2,000	1,900	<50	<50	<50	<50	<50	
	11/23/2004	**<5,000**	**<1,000**	**2,300**	**<25**	**<25**	**<25**	**<25**	**<25**	

Table 2

Fuel Additives Analytical Data

Former BP Station #11117
7210 Bancroft St., Oakland, CA

ABBREVIATIONS AND SYMBOLS:
1,2-DCA = 1,2-Dichloroethane
TBA = tert-Butyl alcohol
MTBE = Methyl tert-butyl ether
DIPE = Di-isopropyl ether
TAME = tert-Amyl methyl ether
ETBE = Ethyl tert-butyl ether
EDB = 1, 2-Dibromoethane

µg/L = Micrograms per Liter
< Not detected above reported detection limit

FOOTNOTES:
a = The continuing calibration verficiation was outside of client contractual acceptance limits by 0.6% high. 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

Table 3

Groundwater Gradient Data

Former BP Station #11117
7210 Bancroft Ave., Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
9/12/2002	Northeast	0.03
12/12/2002	Northeast	0.02
3/10/2003	Northeast	0.03
5/12/2003	North-Northeast	0.055
8/27/2003	North-Northeast	0.036
11/10/2003	North-Northeast	0.012
2/3/2004	Northeast	0.013
5/4/2004	Northeast	0.015
8/31/2004	Northeast	0.010
11/23/2004	**North-Northeast**	**0.04**

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 # 041123-PC1 Date 11/23/04 Client BP 11117

Site 7210 Bancroft 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					16.03	36.46	TOC	G.O.
MW-2	2					18.20	39.42		
MW-3	2					16.48	40.58		G.O.
MW-4	2					18.02	34.64		
MW-6	2					16.95	39.50		G.O.
MW-7	2					21.65	44.73		
MW-8	2					15.77	39.53		G.O.
MW-9	2					18.58	39.12		G.O.
MW-10	2					19.79	35.74		
EX-1	4		NO SFH	Detected		17.90	37.72		√SPH
EX-2	4		"	"		18.36	35.01		√SPH

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 041123-EC1	Station # BP 11117
Sampler: PC	Date: 11/23/04
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 39.42	Depth to Water: 18.20
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.

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

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1000	68.0	6.8	550	3.5	clear, sheen
1005	68.5	6.6	512	7	↓ ↓
1010	68.7	6.7	507	10.5	

Did well dewater? Yes (No) Gallons actually evacuated: 10.5

Sampling Time: 1020 Sampling Date: 11/23/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: see COC

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 #: 041123-PC	Station # BP11117
Sampler: PC	Date: 11/23/04
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 34.64	Depth to Water: 16.02
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

2.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 16.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1037	68.2	6.6	889	2.7	clear, steam
1036	68.5	6.6	917	5.4	↓ ↓
1040	68.6	6.6	946	8.2	

Did well dewater? Yes (No) Gallons actually evacuated: 8.2

Sampling Time: 1048 Sampling Date: 11/23/04

Sample I.D.: MW-4 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (GRO) (BTEX) MTBE DRO Other: see COC

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 #: 041103-PC1	Station # BP 11117
Sampler: PC	Date: 11/23/04
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 44.73	Depth to Water: 21.65
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.

3.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 11.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1105	66.3	5.9	456	3.7	clear
1110	67.1	6.8	464	7.4	↓
1116	66.1	7.1	473	11.1	

Did well dewater? Yes (No) Gallons actually evacuated: 11.1

Sampling Time: 1122 Sampling Date: 11/23/04

Sample I.D.: MW-7 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (GRO) (BTEX) MTBE DRO Other: see COC

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 #: 041123-PC1	Station # BP 11117
Sampler: PC	Date: 11/23/04
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 35.74	Depth to Water: 19.79
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
- X 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.

2.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
932	67.2	7.0	638	2.6	brown
936	69.2	6.9	702	5.2	↓
940	70.1	6.8	725	7.8	

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

Sampling Time: 948 Sampling Date: 11/23/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: see COC

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 #: 041123-PC	Station # BP 11117
Sampler: PC	Date: 11/23/04
Well I.D.: EX-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 37.72	Depth to Water: 17.90
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.

12.9 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 38.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
10.54	69.4	6.7	775	13	odor, clear
1056	70.0	6.9	755	26	↓ ↓
	well dewatered @ 27				
1128	71.0	6.9	780	DTW - 21.86	

Did well dewater? (Yes) (No) pc — Gallons actually evacuated: 27

Sampling Time: 1128 — Sampling Date: 11/23/04

Sample I.D.: EX-1 — Laboratory: Pace (Sequoia) Other ____

Analyzed for: GRO (BTEX) MTBE DRO — Other: see COC

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 #: 041123-DC1	Station # BP 11117
Sampler: PC	Date: 11/23/04
Well I.D.: EX-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 35.01	Depth to Water: 18.36
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	radius² * 0.163

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

Sampling Method:
- Bailer
- (X) Disposable Bailer
- Extraction Port
- Other: _____

Top of Screen: _____

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

10.8	X	3	=	32.4 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or (US))	Gals. Removed	Observations
1102	71.6	6.9	548	11	clear
1107	72.4	6.6	513	22	↓
1111	72.0	6.6	527	33	

Did well dewater? Yes (No)		Gallons actually evacuated: 33	
Sampling Time: 1120		Sampling Date: 11/23/04	
Sample I.D.: EX-2		Laboratory: Pace (Sequoia) Other ___	
Analyzed for: (GRO) BTEX MTBE DRO		Other: see COC	
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

Chain of Custody Record

bp

Project Name 11117 GWM
BP BU/GEM CO Portfolio Retail
BP Laboratory Contract Number: Atlantic Richfield Company
Requested Due Date (mm/dd/yy) 14 day TAT

Date: 11/23/04

On-site Time: 740	Temp: 65°F
Off- site Time: 1135	Temp: 70°F
Sky Conditions: clear	
Meteorological Events: none	
Wind Speed:	Direction:

nd To:
b Name: SEQUOIA
b Address: 885 Jarvis Dr.
Morgan Hill, CA 95037

b PM Lisa Race
le/Fax: 408-776-9600 / 408-782-6308
eport Type & QC Level: 1 Send EDF Reports
P/GEM Account No.: 400-6-21124

BP/GEM Facility No.: 11117
BP/GEM Facility Address: 7210 BANCROFT, OAKLAND, CA
Site ID No. 11117
Site Lat/Long:
California Global ID #: T0600100201
BP/GEM 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 or)
BP/GEM Work Release No:

Lab Bottle Order No:

Item No.	Sample Description	Time	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Sediments	Matrix: Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Requested Analysis: GRO / BTEX (8015/8021 or 8260)	Requested Analysis: DRO w/SGC (8015)	Requested Analysis: MTBE (8021)	Requested Analysis: MTBE (8260)	Requested Analysis: MTBE, TAME, ETBE DIPE, TBA (8260)	Requested Analysis: 1,2-DCA & EDB (8260)	Requested Analysis: Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-2	1020		X				3				X	X				X	X	X	
2	MW-4	1048		X				3				X	X				X	X	X	
3	MW-7	1122		X				3				X	X				X	X	X	
4	MW-10	948		X				3				X	X				X	X	X	
5	EX-1	1128		X				3				X	X				X	X	X	
6	EX-2	1120		X				3				X	X				X	X	X	
7	TB-11117112504			X				2												on hold
8																				
9																				
10																				

Sampler's Name: Blaine Tech Sv	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: P. Cornish		11/24/04	9:00		11/24/04	9:06
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

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

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

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

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

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

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

BP 11117
Station #

7210 Bancroft Ave, Oakland
Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

97.6

added equip. rinse water 8.4

any other adjustments

TOTAL GALS. RECOVERED 106

loaded onto BTS vehicle # 52

BTS event #	time	date
041123-PC1	1190	11/25/04

signature

* *

REC'D AT	time	date
BTS		11/23/04

unloaded by
signature

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 11/23/04

Site Address 7210 Bancroft Ave., Oakland

Job Number 041123-PC1 Technician P. Carruth

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

NOTES:

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

10 December, 2004

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

RE: BP Heritage #11117,Oakland, CA
Work Order: MNK0770

Enclosed are the results of analyses for samples received by the laboratory on 11/24/04 12:55. 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

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Morgan Hill, CA 95037
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FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project:BP Heritage #11117,Oakland, CA	MNK0770
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	12/10/04 13:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MNK0770-01	Water	11/23/04 10:20	11/24/04 12:55
MW-4	MNK0770-02	Water	11/23/04 10:48	11/24/04 12:55
MW-7	MNK0770-03	Water	11/23/04 11:22	11/24/04 12:55
MW-10	MNK0770-04	Water	11/23/04 09:48	11/24/04 12:55
EX-1	MNK0770-05	Water	11/23/04 11:28	11/24/04 12:55
EX-2	MNK0770-06	Water	11/23/04 11:20	11/24/04 12:55
TB-11117112304	MNK0770-07	Water	11/23/04 00:00	11/24/04 12:55

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 #11117,Oakland, CA	MNK0770
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	12/10/04 13:45

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MNK0770-01) Water Sampled: 11/23/04 10:20 Received: 11/24/04 12:55									
tert-Amyl methyl ether	ND	250	ug/l	500	4L01009	12/01/04	12/02/04	EPA 8260B	
Benzene	**8200**	250	"	"	"	"	"	"	
tert-Butyl alcohol	ND	10000	"	"	"	"	"	"	
Di-isopropyl ether	ND	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	250	"	"	"	"	"	"	
Ethanol	ND	50000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	250	"	"	"	"	"	"	
Ethylbenzene	**4000**	250	"	"	"	"	"	"	
Methyl tert-butyl ether	**2400**	250	"	"	"	"	"	"	
Toluene	**17000**	250	"	"	"	"	"	"	
Xylenes (total)	**23000**	250	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**110000**	25000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*84 %*	*78-129*		"	"	"	"	
MW-4 (MNK0770-02) Water Sampled: 11/23/04 10:48 Received: 11/24/04 12:55									
tert-Amyl methyl ether	ND	2500	ug/l	5000	4L01009	12/01/04	12/02/04	EPA 8260B	
Benzene	**20000**	2500	"	"	"	"	"	"	
tert-Butyl alcohol	ND	100000	"	"	"	"	"	"	
Di-isopropyl ether	ND	2500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2500	"	"	"	"	"	"	
Ethanol	ND	500000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2500	"	"	"	"	"	"	
Ethylbenzene	**320000**	2500	"	"	"	"	"	"	
Methyl tert-butyl ether	**23000**	2500	"	"	"	"	"	"	
Toluene	**150000**	2500	"	"	"	"	"	"	
Xylenes (total)	**1400000**	2500	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**7400000**	250000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*84 %*	*78-129*		"	"	"	"	

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11117,Oakland, CA	MNK0770
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	12/10/04 13:45

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MNK0770-03) Water Sampled: 11/23/04 11:22 Received: 11/24/04 12:55									
tert-Amyl methyl ether	ND	2.5	ug/l	5	4L01009	12/01/04	12/02/04	EPA 8260B	
Benzene	ND	2.5	"	"	"	"	"	"	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	**11**	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**290**	2.5	"	"	"	"	"	"	
Toluene	**5.0**	2.5	"	"	"	"	"	"	
Xylenes (total)	**51**	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**590**	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82 %*		*78-129*		"	"	"	
MW-10 (MNK0770-04) Water Sampled: 11/23/04 09:48 Received: 11/24/04 12:55									
tert-Amyl methyl ether	ND	25	ug/l	50	4L01009	12/01/04	12/02/04	EPA 8260B	
Benzene	ND	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	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**2300**	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**2600**	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82 %*		*78-129*		"	"	"	

Sequoia Analytical

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URS Corporation [Arco]	Project:BP Heritage #11117,Oakland, CA	MNK0770
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	12/10/04 13:45

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EX-1 (MNK0770-05) Water Sampled: 11/23/04 11:28 Received: 11/24/04 12:55									
tert-Amyl methyl ether	**74**	25	ug/l	50	4L01009	12/01/04	12/02/04	EPA 8260B	
Benzene	**2700**	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	**460**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**3000**	25	"	"	"	"	"	"	
Toluene	**94**	25	"	"	"	"	"	"	
Xylenes (total)	**1700**	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**13000**	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82 %*	*78-129*		"	"	"	"	
EX-2 (MNK0770-06) Water Sampled: 11/23/04 11:20 Received: 11/24/04 12:55									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4L01009	12/01/04	12/02/04	EPA 8260B	
Benzene	**0.74**	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	**0.83**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**5.8**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**3.0**	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*84 %*	*78-129*		"	"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MNK0770
1333 Broadway, Suite 800	Project Number: N/P	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	12/10/04 13:45

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 4L01009 - EPA 5030B P/T / EPA 8260B										
Blank (4L01009-BLK1)				Prepared & Analyzed: 12/01/04						
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	"							IC
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.08*		"	*5.00*		*82*	*78-129*			
Laboratory Control Sample (4L01009-BS1)				Prepared & Analyzed: 12/01/04						
tert-Amyl methyl ether	9.23	0.50	ug/l	10.0		92	82-140			
Benzene	9.65	0.50	"	10.0		96	69-124			
tert-Butyl alcohol	56.0	20	"	50.0		112	56-131			
Di-isopropyl ether	9.28	0.50	"	10.0		93	76-130			
1,2-Dibromoethane (EDB)	9.05	0.50	"	10.0		90	77-132			
1,2-Dichloroethane	9.25	0.50	"	10.0		92	77-136			
Ethanol	174	100	"	200		87	31-143			IC
Ethyl tert-butyl ether	9.29	0.50	"	10.0		93	81-121			
Ethylbenzene	9.74	0.50	"	10.0		97	84-132			
Methyl tert-butyl ether	9.17	0.50	"	10.0		92	63-137			
Toluene	9.72	0.50	"	10.0		97	78-129			
Xylenes (total)	30.2	0.50	"	30.0		101	83-137			
Surrogate: 1,2-Dichloroethane-d4	*4.20*		"	*5.00*		*84*	*78-129*			

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URS Corporation [Arco]	Project:BP Heritage #11117,Oakland, CA	MNK0770
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	12/10/04 13:45

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 4L01009 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (4L01009-BS2)				Prepared & Analyzed: 12/01/04						
Benzene	5.31	0.50	ug/l	6.40		83	69-124			
Ethylbenzene	8.17	0.50	"	7.52		109	84-132			
Methyl tert-butyl ether	7.26	0.50	"	9.92		73	63-137			
Toluene	32.9	0.50	"	31.9		103	78-129			
Xylenes (total)	42.3	0.50	"	36.6		116	83-137			
Gasoline Range Organics (C4-C12)	394	50	"	440		90	70-124			
Surrogate: 1,2-Dichloroethane-d4	*3.88*		"	*5.00*		*78*	*78-129*			
Laboratory Control Sample Dup (4L01009-BSD1)				Prepared & Analyzed: 12/01/04						
tert-Amyl methyl ether	9.48	0.50	ug/l	10.0		95	82-140	3	20	
Benzene	9.96	0.50	"	10.0		100	69-124	3	20	
tert-Butyl alcohol	54.7	20	"	50.0		109	56-131	2	20	
Di-isopropyl ether	9.61	0.50	"	10.0		96	76-130	3	20	
1,2-Dibromoethane (EDB)	9.23	0.50	"	10.0		92	77-132	2	20	
1,2-Dichloroethane	9.54	0.50	"	10.0		95	77-136	3	20	
Ethanol	202	100	"	200		101	31-143	15	20	
Ethyl tert-butyl ether	9.63	0.50	"	10.0		96	81-121	4	20	
Ethylbenzene	10.1	0.50	"	10.0		101	84-132	4	20	
Methyl tert-butyl ether	9.35	0.50	"	10.0		94	63-137	2	20	
Toluene	9.84	0.50	"	10.0		98	78-129	1	20	
Xylenes (total)	31.3	0.50	"	30.0		104	83-137	4	20	
Surrogate: 1,2-Dichloroethane-d4	*4.17*		"	*5.00*		*83*	*78-129*			
Matrix Spike (4L01009-MS1)	**Source: MNK0772-06**			Prepared: 12/01/04 Analyzed: 12/02/04						
Benzene	242	25	ug/l	320	ND	76	69-124			
Ethylbenzene	352	25	"	376	ND	94	84-132			
Methyl tert-butyl ether	2490	25	"	496	2400	18	63-137			BB,LN
Toluene	1440	25	"	1600	ND	90	78-129			
Xylenes (total)	1790	25	"	1830	ND	98	83-137			
Gasoline Range Organics (C4-C12)	19700	2500	"	22000	5300	65	70-124			LN
Surrogate: 1,2-Dichloroethane-d4	*4.17*		"	*5.00*		*83*	*78-129*			

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URS Corporation [Arco]	Project:BP Heritage #11117,Oakland, CA	MNK0770
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	12/10/04 13:45

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 4L01009 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (4L01009-MSD1)	**Source: MNK0772-06**			Prepared & Analyzed: 12/01/04						
Benzene	252	25	ug/l	320	ND	79	69-124	4	20	
Ethylbenzene	388	25	"	376	ND	103	84-132	10	20	
Methyl tert-butyl ether	2480	25	"	496	2400	16	63-137	0.4	20	BB,LN
Toluene	1550	25	"	1600	ND	97	78-129	7	20	
Xylenes (total)	1960	25	"	1830	ND	107	83-137	9	20	
Gasoline Range Organics (C4-C12)	21800	2500	"	22000	5300	75	70-124	10	20	
Surrogate: 1,2-Dichloroethane-d4	*4.12*		"	*5.00*		*82*	*78-129*			

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URS Corporation [Arco]	Project:BP Heritage #11117,Oakland, CA	MNK0770
1333 Broadway, Suite 800	Project Number:N/P	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	12/10/04 13:45

Notes and Definitions

LN	MS and/or MSD below acceptance limits. See Blank Spike(LCS).
IC	Calib. verif. is within method limits but outside contract limits
BB,LN	Sample > 4x spike concentration.
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 11117 GWM
BP BU/GEM CO Portfolio Retail
BP Laboratory Contract Number: Atlantic Richfield Company
Requested Due Date (mm/dd/yy) 14 day TAT

Date: 11/23/04

On-site Time: 740 Temp: 65°F
Off-site Time: 1135 Temp: 70°F
Sky Conditions: clear
Meteorological Events: none
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.: 11117
BP/GEM Facility Address: 7210 BANCROFT, OAKLAND, CA
Site ID No. 11117
Site Lat/Long:
California Global ID #: T0600100201
BP/GEM 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: MNK0770

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	1020		X			64	3				X	X				X	X	X	
2	MW-4	1048		X			67	3				X	X				X	X	X	
3	MW-7	1122		X			63	3				X	X				X	X	X	
4	MW-10	948		X			64	3				X	X				X	X	X	
5	BK-1	1128		X			65	3				X	X				X	X	X	
6	BK-2	1120		X			66	3				X	X				X	X	X	
7	TB-11117112304			X			68	2												on hold
8																				
9																				
10																				

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	11/24/04	900		11/24/04	9:00
	11/24/04	1255		11/24/04	1255

Sampler's Name: Blaine Tech Sv
Sampler's Company: P. Comish
Shipment Date:
Shipment Method:
Shipment Tracking No:

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

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP 1117
REC. BY (PRINT): JD
WORKORDER: MNK 6770

DATE REC'D AT LAB: 11/24/04
TIME REC'D AT LAB: 1255
DATE LOGGED IN: 11-24-04

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	1-C	MW-2	VOA (3)	HCl	—	W	11/23/04	
2. Chain-of-Custody: Present / Absent*	02		-4						
3. Traffic Reports or Packing List: Present / Absent	03		-4						
4. Airbill: Airbill / Sticker Present / Absent	04		-10						
5. Airbill #:	05		EX -1						
6. Sample Labels: Present / Absent	06		-2						
7. Sample IDs: Listed / Not Listed on Chain-of-Custody	07	TB	TB 1117-112304	(2)					
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper Preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Temp Rec. at Lab: 2.4 Is temp 4 +/-2°C? Yes / No**									

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / OFF ON ICE or Problem COC

11/24/04

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

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

Electronic Submittal Information

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

SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	1/4/2005 11:42:05 AM
GLOBAL ID:	T0600100201
FILE UPLOADED:	BP#11117-EDF-MNK0770.zip

No errors were found in your EDF upload file.

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

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

Click here to view the detections report for this upload.

BP
7210 BANCROFT AVE
OAKLAND, CA 94605

Regional Board - Case #: 01-0215
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 3960
ALAMEDA COUNTY LOP - **(RWS)**

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	6
# 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%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
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

Logged in as URSCORP-OAKLAND (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

Your EDF file has been succcessfully uploaded!

Confirmation Number: 4787186861
Date/Time of Submittal: 1/4/2005 11:45:07 AM
Facility Global ID: T0600100201
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
7210 BANCROFT AVE
OAKLAND, CA 94605

Regional Board - Case #: 01-0215
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 3960
ALAMEDA COUNTY LOP - **(RWS)**

CONF #	TITLE	QUARTER
4787186861	4Q04 GW Monitoring Report	Q4 2004

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	1/4/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	6
# 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%	Y

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
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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SUCCESSFUL GEO_WELL CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	1/4/2005 12:20:08 PM

Processing is complete. No errors were found!
You may now proceed to the upload page.

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UPLOADING A GEO_WELL FILE

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

Submittal Title:	**4Q04 GEOWELL SUBMITTAL SITE 11117**
Submittal Date/Time:	**1/4/2005 12:21:29 PM**
Confirmation Number:	**8540119767**

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