URS

RO-66

February 15, 2005

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

RE: Electronic Report Submission

Dear Mr. Schultz:

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

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

Sincerely,

URS CORPORATION

Rachel Lindvall
QMR Coordinator

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

Electronic Submittal Information

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CONTACT SITE ADMINISTRATOR.

Atlantic Richfield Company
(a BP affiliated company)

6 Centerpointe Drive, Room 161
La Palma, CA 90623-1066
Phone: (714) 670-5303
Fax: (714) 670-5195

March 4, 2005

Re: **First Quarter 2005 Groundwater Monitoring Report**
Former BP Service Station #11126
1700 Powell Street
Emeryville, California
Case ID: RO0000066

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

March 4, 2005

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

Re: **First Quarter 2005 Groundwater Monitoring Report**
Former BP Service Station #11126
1700 Powell Street
Emeryville, California
Case ID: RO0000066

Dear Mr. Schultz:

On behalf of the Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) is submitting the *First Quarter 2005 Groundwater Monitoring Report* for the Former BP Service Station #11126, located at 1700 Powell Street, Emeryville, California.

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

Sincerely,

URS CORPORATION

Lynelle Onishi
Project Manager

Barbara J. Jakub, R.G.
Senior Geologist

REGISTERED GEOLOGIST
BARBARA J JAKUB
No. 7304
STATE OF CALIFORNIA

Enclosure: First Quarter 2005 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

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

REPORT

FIRST QUARTER 2005 GROUNDWATER MONITORING REPORT

FORMER BP SERVICE STATION #11126
1700 POWELL STREET
EMERYVILLE, CALIFORNIA

Prepared for
RM

March 4, 2005

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38487255

Date: March 4, 2005

Quarter: 1Q 05

RM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.:	11126	Address:	1700 Powell Street, Emeryville, CA
RM Environmental Business Manager:			Kyle Christie
Consulting Co./Contact Person:			URS Corporation / Lynelle Onishi
Consultant Project No.:			38487255
Primary Agency:			Alameda County Environmental Health (ACEH)
Agency Case ID:			RO0000066

WORK PERFORMED THIS QUARTER (First – 2005):

1. Prepared and submitted fourth quarter 2004 groundwater monitoring report.
2. Performed first quarter groundwater monitoring event on February 2, 2005.
3. Prepared and submitted this first quarter 2005 groundwater monitoring report.
4. Prepared and submitted a work plan addendum for additional off-site subsurface investigation on February 3, 2005.
5. Pending ACEH approval of work plan addendum, the off-site subsurface investigation will be scheduled.

WORK PROPOSED FOR NEXT QUARTER (Second – 2005):

1. Perform second quarter 2005 groundwater monitoring event.
2. Prepare and submit second quarter 2005 groundwater monitoring report.

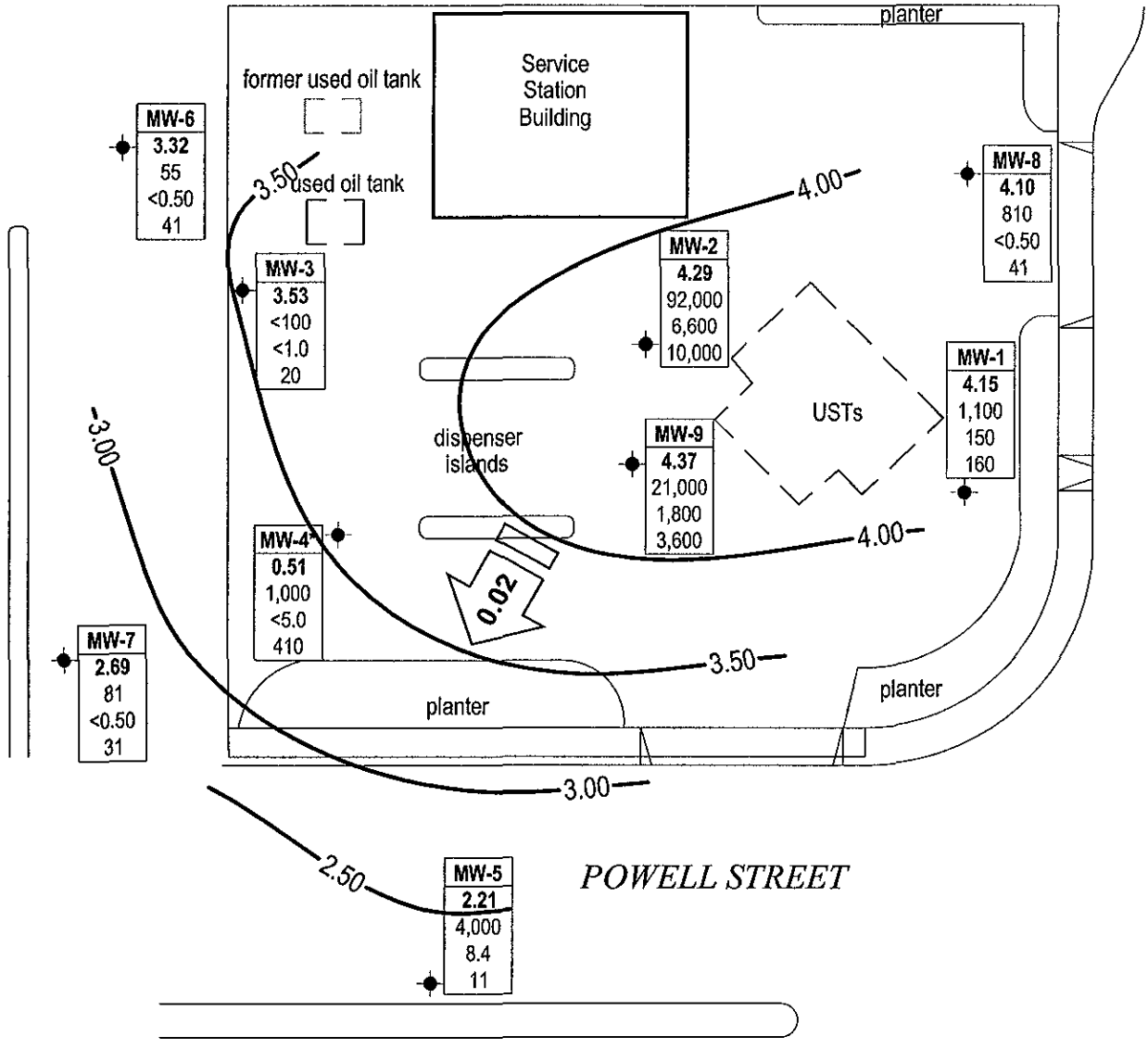
Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	Wells MW-1 through MW-9 quarterly
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	Sheen: MW-9 and MW-2
Current Remediation Techniques:	None
Approximate Depth to Groundwater:	3.61 (MW-1) to 7.61 (MW-4) feet
Cumulative Groundwater Recovered since 6/8/04:	125 gallons (approximate)
Groundwater Gradient (direction):	South
Groundwater Gradient (magnitude):	0.02 feet per foot

DISCUSSION:

Gasoline range organics (GRO) were detected at or above laboratory reporting limits in eight of the nine wells sampled this quarter at concentrations ranging from 55 micrograms per liter (µg/L) (MW-6) to 92,000 µg/L (MW-2). Diesel range organics (DRO) and total oil and grease (TOG) were only analyzed in well MW-3. DRO was detected at a concentration of 730 µg/L. TOG was not detected above the laboratory reporting limit of 4,800 mg/L. Benzene was detected at or above laboratory reporting limits in four wells at concentrations ranging from 8.4 µg/L (MW-5) to 6,600 µg/L (MW-2). Toluene was detected at or above laboratory reporting limits in four wells at concentrations ranging from 3.0 µg/L (MW-1) and 9,900 µg/L (MW-2). Ethylbenzene was detected at or above laboratory reporting limits in four wells at concentrations ranging from 4.0 µg/L (MW-5) to 4,400 µg/L (MW-2). Xylenes were detected at or above laboratory reporting limits in four wells at concentrations ranging from 10 µg/L (MW-5) to 18,000 µg/L (MW-2). Methyl tert butyl ether (MTBE) was detected at or above laboratory reporting limits in all the wells sampled at concentrations ranging from 11 µg/L (MW-5) to 10,000 µg/L (MW-2). Ethyl tert-butyl ether (ETBE) was detected at or above laboratory reporting limits in one well at a concentration of 0.72 µg/L (MW-8). Tert-butyl alcohol (TBA) was detected at or above laboratory reporting limits in six wells at concentrations ranging from 32 µg/L (MW-6) to 19,000 µg/L (MW-4). Tert-amyl methyl ether (TAME) was detected at or above laboratory reporting limits in seven wells at concentrations ranging from 0.64 µg/L (MW-8) to 260 µg/L (MW-2). Ethanol was not detected at or above laboratory reporting limits in any of the wells sampled this quarter. No other fuel additives were detected above the respective laboratory reporting limits.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – February 2, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- 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 Confirmation
- Attachment D – Historical Groundwater Extraction Data



EXPLANATION

- Monitoring well
- 2.50 — Groundwater elevation contour (ft/MSL)
- Well designation
- ELEV — Groundwater elevation (ft/MSL)
- GRO, Benzene and MTBE concentrations in micrograms per liter (µg/L)
- < Not detected at or above laboratory reporting limits
- 0.02 Groundwater flow direction and gradient (ft/ft)
- * Data not used in contouring

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

NORTH

0 30 60

SCALE IN FEET

URS

Project No. 38487255

Former BP Service Station #11126
1700 Powell Street
Emeryville, California

GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP First Quarter 2005 (February 2, 2005)

FIGURE 1

Mar 03, 2005 - 1:40pm
X:\x_env_waste\BP GEM\sites\LNiles Sites\11126\Reports\Monitoring\Qtr. 1, 2005\Drawings\11126-1Q05-GW.dwg

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126

1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-1	11/4/1992	--	k	7.76	4.96	--	2.80	5,300	1,100	480	<0.5	1,500	--	--	PACE	--	--	---	---
	10/12/1993	--	k	7.76	5.26	--	2.50	3,600	970	71	100	550	6,111	--	PACE	--	--	---	---
	2/15/1994	--	k	7.76	4.98	--	2.78	17,000	4,200	510	360	1,600	5,495	3.9	PACE	--	--	---	---
	5/11/1994	--	k	7.76	4.55	--	3.21	5,500	2,900	37	56	64	705	8.0	PACE	--	--	---	---
	8/1/1994	--	d, e	--	--	--	--	16,000	3,600	750	510	2,800	9,800	--	PACE	--	--	---	---
	8/1/1994	--	d,k	7.76	5.51	--	2.25	15,000	3,600	740	510	2,800	9,718	2.9	PACE	--	--	---	---
	10/18/1994	--	e	--	--	--	--	16,000	1,900	64	170	950	--	--	PACE	--	--	---	---
	10/18/1994	--	k	7.76	5.11	--	2.65	16,000	1,800	61	160	890	15,668	2.9	PACE	--	--	---	---
	1/13/1995	--	e	--	--	--	--	590	88	0.7	<0.5	55	--	--	ATI	--	--	---	---
	1/13/1995	--	--	7.76	3.05	--	4.71	220	7	<0.5	1	23	--	6.6	ATI	--	--	---	---
	4/13/1995	--	--	7.76	3.84	--	3.92	9,300	4,000	300	200	950	--	7.7	ATI	--	--	---	---
	7/11/1995	--	--	7.76	3.60	--	4.16	15,000	2,200	84	<25	2,500	--	8.8	ATI	--	--	---	---
	11/2/1995	--	--	7.76	4.58	--	3.18	19,000	920	<100	<100	430	52,000	7.3	ATI	--	--	---	---
	2/5/1996	--	--	7.76	4.43	--	3.33	4,600	1,400	330	54	247	8,700	3.2	SPL	--	--	---	---
	4/24/1996	--	--	7.76	4.00	--	3.76	2,000	510	33	61	228	4,500	7.5	SPL	--	--	---	---
	7/15/1996	--	--	7.76	4.30	--	3.46	--	--	--	--	--	--	--	---	--	--	---	---
	7/16/1996	--	e	--	--	--	--	12,000	2,800	160	390	1,610	63,000	--	SPL	--	--	---	---
	7/16/1996	--	--	7.76	--	--	--	12,000	2,800	170	390	1,630	64,000	7.9	SPL	--	--	---	---
	7/30/1996	--	--	7.76	4.64	--	3.12	--	--	--	--	--	--	--	---	--	--	---	---
	8/12/1996	--	--	7.76	--	--	--	11,000	2,500	160	<10	1,740	440,000	7.0	SPL	--	--	---	---
	11/4/1996	--	--	7.76	5.98	--	1.78	--	--	--	--	--	--	--	---	--	--	---	---
	11/5/1996	--	f	7.76	--	--	--	53,000	1,300	43	100	349	42000/190 000	6.6	SPL	--	--	---	---
	5/17/1997	--	--	7.76	4.65	--	3.11	52,000	1,958	55	305	1,216	140,198	5.7	SPL	--	--	---	---
	8/11/1997	--	--	7.76	4.90	--	2.86	25,000	540	6.7	<5.0	57	360,000	7.9	SPL	--	--	---	---
	11/17/1997	--	--	7.76	6.12	--	1.64	93,000	1,200	31	180	40	400,000	7.6	SPL	--	--	---	---
	1/29/1998	--	--	7.76	4.90	--	2.86	4,800	320	24	52	19.9	<50	6.6	SPL	--	--	---	---
	6/22/1998	--	--	7.76	4.62	--	3.14	63,000	180	<5.0	15	69	57,000	6.0	--	--	--	---	---
	12/30/1998	--	f	7.76	5.41	--	2.35	22,000	2,500	24	120	400	15000/130 00	--	SPL	--	--	---	---
	3/9/1999	--	--	7.76	3.40	--	4.36	16,000	2,000	84	290	510	13,000	--	SPL	--	--	---	---
	6/23/1999	--	--	7.76	4.60	--	3.16	9,600	4,500	21	160	260	24,000	--	SPL	--	--	---	---
	9/23/1999	--	--	7.76	4.21	--	3.55	3,800	1,600	32	150	240	7,100	--	SPL	--	--	---	---
	12/28/1999	--	--	7.76	4.10	--	3.66	3,400	<2200	17	53	130	5,500	--	PACE	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126

1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-1	3/22/2000	--	--	7.76	5.51	--	2.25	6,400	1,100	45	190	330	4,900	--	PACE	--	--	---	---
	5/26/2000	--	--	7.76	4.79	--	2.97	110,000	700	44	140	250	320,000	--	PACE	--	--	---	---
	9/6/2000	--	--	7.76	5.19	--	2.57	5,600	1,000	13	57	90	19,000	--	PACE	--	--	---	---
	9/15/2000	--	--	7.76	5.73	--	2.03	--	--	--	--	--	--	--	---	--	--	---	---
	12/11/2000	--	--	7.76	5.82	--	1.94	5,500	1,160	47.1	155	292	3,900	--	PACE	--	--	---	---
	3/29/2001	--	h	7.76	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	6/27/2001	--	--	7.76	5.49	--	2.27	6,100	1,200	12.9	17.3	77.9	1,780	--	PACE	--	--	---	---
	9/19/2001	--	--	7.76	6.19	--	1.57	1,800	102	<12.5	<12.5	<37.5	1,090	--	PACE	--	--	---	---
	12/28/2001	--	--	7.76	5.27	--	2.49	4,000	540	11.8	20.4	64.6	1,120	--	PACE	--	--	---	---
	3/12/2002	--	--	7.76	5.68	--	2.08	3,700	491	8.39	12.4	27.3	1,020	--	PACE	--	--	---	---
	6/13/2002*	--	--	7.76	5.54	--	2.22	1,900	255	<12.5	<12.5	<25	6,490	--	PACE	--	--	---	---
	9/6/2002	--	--	7.76	5.56	--	2.20	1,100	170	5.1	2.2	20	550	--	SEQ	--	--	---	---
	12/13/2002	--	o	7.76	5.45	--	2.31	2,700	610	10	18	67	470	--	SEQ	--	--	---	---
	2/19/2003	--	p	7.76	3.00	--	4.76	1,500	180	<5.0	<5.0	15	610	--	SEQ	--	--	---	---
	6/6/2003	--	--	7.76	5.52	--	2.24	4,600	620	<25	<25	55	1,400	--	SEQ	--	--	---	---
	8/7/2003	--	--	7.76	5.55	--	2.21	2,000	290	<5.0	<5.0	15	920	--	SEQ	--	--	---	---
	11/20/2003	P	--	7.76	5.41	--	2.35	2,800	420	11	11	53	250	--	SEQM	6.7	--	--	--
	04/28/2004	P	--	7.76	5.33	--	2.43	1,600	100	5.3	<5.0	8.8	200	--	SEQM	6.8	--	--	--
	08/26/2004	P	--	7.76	4.03	--	3.73	1,700	220	7.2	15	35	180	--	SEQM	6.7	--	--	<2.5
	12/01/2004	P	--	7.76	3.93	--	3.83	2,100	380	8.0	34	76	170	--	SEQM	6.8	--	--	--
	02/02/2005	**P**	**--**	**7.76**	**3.61**	**--**	**4.15**	**1,100**	**150**	**3.0**	**12**	**14**	**160**	**--**	**SEQM**	**7.0**	**--**	**--**	**--**
MW-2	11/4/1992	--	e	--	--	--	--	12,000	3,200	980	<0.5	1,900	--	--	PACE	--	--	---	---
	11/4/1992	--	k	8.56	5.88	--	2.68	12,000	3,900	1,300	<0.5	2,300	--	--	PACE	--	--	---	---
	10/12/1993	--	k	8.56	6.29	--	2.27	4,500	3,400	180	230	940	442	--	PACE	--	--	---	---
	2/15/1994	--	e	--	--	--	--	1,800	290	160	14	250	--	--	PACE	--	--	---	---
	2/15/1994	--	k	8.56	5.56	--	3.00	2,000	430	270	28	390	127	4.0	PACE	--	--	---	---
	5/11/1994	--	d, e	--	--	--	--	15,000	5,600	1,500	470	2,000	740	--	PACE	--	--	---	---
	5/11/1994	--	k	8.56	5.17	--	3.39	14,000	3,900	1,200	440	1,900	953	8.9	PACE	--	--	---	---
	8/1/1994	--	k	8.56	5.43	--	3.13	8,200	3,000	420	230	680	1,676	2.6	PACE	--	--	---	---
	10/18/1994	--	k	8.56	5.71	--	2.85	9,000	2,000	140	150	420	2,417	7.2	PACE	--	--	---	---
	1/13/1995	--	--	8.56	4.67	--	3.89	7,900	2,200	42	<5	770	--	6.8	ATI	--	--	---	---
	4/13/1995	--	e	--	--	--	--	25,000	6,500	1,500	110	5,300	--	--	ATI	--	--	---	---
	4/13/1995	--	--	8.56	4.37	--	4.19	33,000	8,000	2,500	1,100	6,600	--	7.5	ATI	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126

1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-2	7/11/1995	--	e	--	--	--	--	28,000	6,800	1,000	900	4,900	--	--	ATI	--	--	--	--
	7/11/1995	--	--	8.56	4.51	--	4.05	19,000	3,300	99	7.5	4,600	--	7.8	ATI	--	--	--	--
	11/2/1995	--	e	--	--	--	--	22,000	4,000	1,200	600	2,700	19,000	--	ATI	--	--	--	--
	11/2/1995	--	--	8.56	5.55	--	3.01	20,000	3,800	1,200	570	2,700	15,000	7.3	ATI	--	--	--	--
	2/5/1996	--	e	--	--	--	--	910	290	180	19	137	93	--	SPL	--	--	--	--
	2/5/1996	--	--	8.56	5.10	--	3.46	1,200	320	220	26	187	99	2.2	SPL	--	--	--	--
	4/24/1996	--	e	--	--	--	--	<500	100	30	<10	71	<100	--	SPL	--	--	--	--
	4/24/1996	--	--	8.56	4.95	--	3.61	<500	70	22	<10	61	<50	7.0	SPL	--	--	--	--
	7/15/1996	--	--	8.56	5.40	--	3.16	--	--	--	--	--	--	--	--	--	--	--	--
	7/16/1996	--	--	8.56	--	--	--	12,000	3,300	1,400	250	2,610	1,400	7.8	SPL	--	--	--	--
	7/30/1996	--	--	8.56	5.44	--	3.12	--	--	--	--	--	--	--	--	--	--	--	--
	11/4/1996	--	--	8.56	7.06	--	1.50	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/1996	--	e	--	--	--	--	9,200	1,300	170	<25	2,240	1,100	--	SPL	--	--	--	--
	11/5/1996	--	--	8.56	--	--	--	7,200	1,400	230	38	2,110	1,100	7.4	SPL	--	--	--	--
	5/17/1997	--	--	8.56	5.77	--	2.79	570	42	<5.0	5	60	210	6.9	SPL	--	--	--	--
	8/11/1997	--	--	8.56	5.71	--	2.85	6,300	1,800	130	86	397	2,400	8.5	SPL	--	--	--	--
	11/17/1997	--	--	8.56	6.91	--	1.65	2,400	220	30	33	259	130	7.9	SPL	--	--	--	--
	1/29/1998	--	--	8.56	4.61	--	3.95	<50	<0.5	<1.0	<1.0	<1.0	<10	6.2	SPL	--	--	--	--
	6/22/1998	--	--	8.56	4.80	--	3.76	4,200	640	150	120	650	560	5.4	SPL	--	--	--	--
	12/30/1998	--	--	8.56	5.21	--	3.35	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/1999	--	--	8.56	5.30	--	3.26	--	--	--	--	--	--	--	--	--	--	--	--
	9/23/1999	--	--	8.56	4.75	--	3.81	3,800	760	19	210	960	910	--	SPL	--	--	--	--
	12/28/1999	--	--	8.56	4.51	--	4.05	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/2000	--	--	8.56	4.21	--	4.35	2,500	780	17	44	270	2,800	--	PACE	--	--	--	--
	5/26/2000	--	--	8.56	4.66	--	3.90	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/2000	--	--	8.56	4.71	--	3.85	3,700	1,200	5.5	12	170	12,000	--	PACE	--	--	--	--
	9/15/2000	--	--	8.56	4.74	--	3.82	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2000	--	--	8.56	4.79	--	3.77	--	--	--	--	--	--	--	--	--	--	--	--
	3/29/2001	--	h	8.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/27/2001	--	j	8.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2001	--	j	8.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/28/2001	--	j	8.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/12/2002	--	--	8.56	4.25	--	4.31	26,000	1,160	4.39	61.1	171	37,300	--	PACE	--	--	--	--
	6/13/2002*	--	--	8.56	4.94	--	3.62	18,000	578	<50	<50	<100	84,600	--	PACE	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126

1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-2	9/6/2002	--	--	8.56	5.23	--	3.33	26,000	440	<50	<50	<50	45,000	--	SEQ	--	--	---	---
	12/13/2002	--	o	8.56	4.94	--	3.62	69,000	1,200	<500	<500	<500	98,000	--	SEQ	--	--	---	---
	2/19/2003	--	p	8.56	4.14	--	4.42	78,000	1,100	<500	<500	<500	81,000	--	SEQ	--	--	---	---
	6/6/2003	--	--	8.56	4.66	--	3.90	120,000	1,100	<1000	<1000	<1000	72,000	--	SEQ	--	--	---	---
	8/7/2003	--	r	8.56	4.90	--	3.66	71,000	590	<500	<500	<500	83,000	--	SEQ	--	--	---	---
	11/20/2003	P	--	8.56	4.59	--	3.97	22,000	720	<100	<100	<100	18,000	--	SEQM	6.8	--	--	--
	04/28/2004	P	--	8.56	4.37	--	4.19	<25,000	690	<250	<250	<250	31,000	--	SEQM	6.9	--	--	--
	08/26/2004	P	--	8.56	4.59	--	3.97	140,000	8,200	18,000	4,200	19,000	11,000	--	SEQM	6.7	--	--	<250
	12/01/2004	P	--	8.56	4.79	--	3.77	98,000	8,400	13,000	4,600	21,000	10,000	--	SEQM	6.9	--	--	--
	02/02/2005	**P**	**r**	**8.56**	**4.27**	**--**	**4.29**	**92,000**	**6,600**	**9,900**	**4,400**	**18,000**	**10,000**	**--**	**SEQM**	**7.0**	**--**	**--**	**--**
MW-3	11/4/1992	--	k	8.25	6.38	--	1.87	200	1.6	<0.5	<0.5	1.1	--	--	PACE	--	690	<5000	ND
	10/12/1993	--	e	--	--	--	--	150	5.6	0.6	<0.5	1.6	--	--	PACE	--	--	---	---
	10/12/1993	--	k	8.25	5.84	--	2.41	270	5	0.7	<0.5	2.6	96.3	--	PACE	--	2,100	<5000	ND
	2/15/1994	--	k	8.25	6.60	--	1.65	140	5.7	<0.5	<0.5	<0.5	30.1	3.9	PACE	--	2.3	90	ND
	5/11/1994	--	d,k	8.25	5.86	--	2.39	190	2.7	1.9	<0.5	1.9	51	9.2	PACE	--	2,500	<5000	ND
	8/1/1994	--	k	8.25	6.13	--	2.12	120	1.3	<0.5	0.5	1.1	17.6	2.9	PACE	--	1,300	<5000	ND
	10/18/1994	--	k	8.25	6.39	--	1.86	100	2.3	<0.5	<0.5	<0.5	21	3.6	PACE	--	2,200	<5000	ND
	1/13/1995	--	--	8.25	5.47	--	2.78	<50	0.8	<0.5	<0.5	<1	--	7.7	ATI	--	970	---	ND
	4/13/1995	--	--	8.25	5.17	--	3.08	530	8.7	1.9	<0.5	3.9	--	8.4	ATI	--	<500	2,100	ND
	7/11/1995	--	--	8.25	5.37	--	2.88	78	0.57	<0.50	<0.50	<1.0	--	8.3	ATI	--	2,100	1,900	ND
	11/2/1995	--	--	8.25	6.29	--	1.96	250	0.73	<0.50	<0.50	1.8	270	8.3	ATI	--	2,000	1,400	ND
	2/5/1996	--	--	8.25	5.80	--	2.45	<50	<0.5	<1	<1	2.7	11	3.5	SPL	--	1,600	9,000	ND
	4/24/1996	--	--	8.25	5.69	--	2.56	<50	<5	<10	<10	<10	150	8.6	SPL	--	2,800	6,000	ND
	7/15/1996	--	--	8.25	6.18	--	2.07	<250	<2.5	<5	<5	<5	<50	7.7	SPL	--	3,700	1,000	ND
	7/30/1996	--	--	8.25	6.04	--	2.21	--	--	--	--	--	--	--	---	--	--	---	---
	11/4/1996	--	--	8.25	7.84	--	0.41	--	--	--	--	--	--	--	---	--	--	---	---
	11/5/1996	--	--	8.25	--	--	--	90	<0.5	<1.0	<1.0	<1.0	30	6.8	SPL	--	890	2,000	ND
	5/17/1997	--	--	8.25	6.49	--	1.76	<50	<0.5	<1.0	<1.0	<1.0	52	6.3	SPL	--	2,100	700	ND
	8/11/1997	--	--	8.25	6.15	--	2.10	490	<2.5	<5.0	<5.0	<5.0	170	7.4	SPL	--	1,900	<5000	ND
	11/17/1997	--	--	8.25	7.15	--	1.10	120	<0.5	<1.0	<1.0	<1.0	46	7.0	SPL	--	2,500	<5000	ND
	1/29/1998	--	--	8.25	5.10	--	3.15	270	0.53	<1.0	<1.0	<1.0	330	6.4	SPL	--	1,700	2,000	ND
	6/22/1998	--	--	8.25	5.50	--	2.75	200	<0.5	<1.0	<1.0	<1.0	130	5.5	SPL	--	2,200	<5	ND
	12/30/1998	--	--	8.25	6.68	--	1.57	--	--	--	--	--	--	--	---	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-3	3/9/1999	--	--	8.25	5.53	--	2.72	60	<1.0	<1.0	<1.0	<1.0	19	--	SPL	--	840	7,600	---
	6/23/1999	--	--	8.25	6.60	--	1.65	--	--	--	--	--	--	--	---	--	--	---	---
	9/23/1999	--	--	8.25	6.17	--	2.08	--	--	--	--	--	--	--	---	--	--	---	---
	12/28/1999	--	--	8.25	6.00	--	2.25	--	--	--	--	--	--	--	---	--	--	---	---
	3/22/2000	--	--	8.25	4.77	--	3.48	690	4.2	3.1	0.81	2.7	2,900	--	PACE	--	<58	13,000	---
	5/26/2000	--	--	8.25	5.28	--	2.97	--	--	--	--	--	--	--	---	--	--	---	---
	9/15/2000	--	--	8.25	5.58	--	2.67	--	--	--	--	--	--	--	---	--	--	---	---
	12/11/2000	--	i	8.25	11.74	--	-3.49	--	--	--	--	--	--	--	---	--	--	---	---
	3/29/2001	--	--	8.25	5.04	--	3.21	650	<2.5	<2.5	<2.5	<7.5	680	--	PACE	--	<50	6,540	---
	6/27/2001	--	--	8.25	5.62	--	2.63	460	<2.5	<2.5	<2.5	<7.5	560	--	PACE	--	690	<5000	---
	9/19/2001	--	--	8.25	5.80	--	2.45	<500	<5.0	<5.0	<5.0	<15	464	--	PACE	--	520	<5000	---
	12/28/2001	--	--	8.25	4.85	--	3.40	180	<0.5	<0.5	<0.5	<1.0	180	--	PACE	--	550	<5000	---
	3/12/2002	--	--	8.25	4.39	--	3.86	410	<2.5	<2.5	<2.5	<5.0	443	--	PACE	--	1,300	<5000	---
	6/13/2002	--	*	8.25	5.38	--	2.87	<250	<2.5	<2.5	<2.5	<5.0	395	--	PACE	--	2,600	<5000	---
	9/6/2002	--	--	8.25	5.68	--	2.57	<200	<2.0	<2.0	<2.0	<2.0	650	--	SEQ	--	--	---	---
	12/13/2002	--	o	8.25	5.37	--	2.88	<50	<0.5	<0.5	<0.5	<0.5	60	--	SEQ	--	980	7,000	---
	2/19/2003	--	p	8.25	4.80	--	3.45	<1000	<10	<10	<10	<!0	120	--	SEQ	--	380	6,700	---
	6/6/2003	--	--	8.25	5.13	--	3.12	<500	<5.0	<5.0	<5.0	<5.0	180	--	SEQ	--	620	7.9	---
	8/7/2003	--	q	8.25	5.43	--	2.82	<500	5.7	<5.0	<5.0	<5.0	290	--	SEQ	--	820	5.4	---
	11/20/2003	P	q	8.25	4.72	--	3.53	<50	<0.50	<0.50	<0.50	<0.50	17	--	SEQM	6.9	1,200	<4.8	--
	04/28/2004	P	q	8.25	4.87	--	3.38	<100	<1.0	<1.0	<1.0	<1.0	87	--	SEQM	7.1	240	<5,100	--
	08/26/2004	P	q	8.25	5.42	--	2.83	56	<0.50	<0.50	<0.50	<0.50	34	--	SEQM	7.0	250	<10,000	<0.50
	12/01/2004	P	--	8.25	5.69	--	2.56	<100	<1.0	<1.0	<1.0	<1.0	7.4	--	SEQM	6.9	690	<5.0	--
	02/02/2005	**P**	**--**	**8.25**	**4.72**	**--**	**3.53**	**<100**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**20**	**--**	**SEQM**	**6.8**	**730**	**<4,800**	**--**
MW-4	11/4/1992	--	k	8.12	6.66	--	1.46	340	4.5	<0.5	4.3	<0.5	--	--	PACE	--	--	---	---
	10/12/1993	--	k	8.12	6.87	--	1.25	160	5.8	1.4	0.8	2.7	261	--	PACE	--	--	---	---
	2/15/1994	--	d,k	8.12	6.61	--	1.51	110	4.4	0.7	<0.5	2.5	118	4.3	PACE	--	--	---	---
	5/11/1994	--	d,k	8.12	5.89	--	2.23	120	0.5	0.8	<0.5	<0.5	137	9.3	PACE	--	--	---	---
	8/1/1994	--	k	8.12	6.87	--	1.25	140	0.7	2	5.2	15	138	3.3	PACE	--	--	---	---
	10/18/1994	--	k	8.12	6.62	--	1.50	140	3.5	<0.5	0.5	<0.5	197	3.0	PACE	--	--	---	---
	1/13/1995	--	--	8.12	7.27	--	0.85	<50	<0.5	<0.5	<0.5	<1	--	7.9	ATI	--	--	---	---
	4/13/1995	--	--	8.12	6.51	--	1.61	73	1.2	<0.5	<0.5	<1	--	9.9	ATI	--	--	---	---
	7/11/1995	--	--	8.12	6.21	--	1.91	82	0.57	<0.50	<0.50	<1.0	--	7.2	ATI	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-4	11/2/1995	--	--	8.12	6.78	--	1.34	71	1.4	0.96	0.99	2.8	140	8.6	ATI	--	--	--	--
	2/5/1996	--	--	8.12	6.41	--	1.71	<50	<5	<10	<10	<10	200	4.4	SPL	--	--	--	--
	4/24/1996	--	--	8.12	6.18	--	1.94	<250	<2.5	<5	<5	<5	510	8.3	SPL	--	--	--	--
	7/15/1996	--	--	8.12	6.63	--	1.49	<50	5.7	<1	<1	<1	550	7.4	SPL	--	--	--	--
	7/30/1996	--	--	8.12	6.34	--	1.78	--	--	--	--	--	--	--	--	--	--	--	--
	11/4/1996	--	--	8.12	8.27	--	-0.15	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/1996	--	f	8.12	--	--	--	460	<2.5	11	<5.0	<5.0	620/610	7.3	SPL	--	--	--	--
	5/17/1997	--	--	8.12	7.00	--	1.12	--	--	--	--	--	--	--	--	--	--	--	--
	8/11/1997	--	--	8.12	6.81	--	1.31	--	--	--	--	--	--	--	--	--	--	--	--
	11/17/1997	--	--	8.12	9.19	--	-1.07	840	<0.5	<1.0	<1.0	<1.0	880	7.3	SPL	--	--	--	--
	1/29/1998	--	--	8.12	7.94	--	0.18	--	--	--	--	--	--	--	--	--	--	--	--
	6/22/1998	--	--	8.12	7.49	--	0.63	--	--	--	--	--	--	--	--	--	--	--	--
	12/30/1998	--	--	8.12	8.21	--	-0.09	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/1999	--	--	8.12	7.70	--	0.42	1,200	<1.0	<1.0	<1.0	<1.0	2,000	--	SPL	--	--	--	--
	6/23/1999	--	--	8.12	8.81	--	-0.69	--	--	--	--	--	--	--	--	--	--	--	--
	9/23/1999	--	--	8.12	8.32	--	-0.20	--	--	--	--	--	--	--	--	--	--	--	--
	12/28/1999	--	--	8.12	8.21	--	-0.09	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/2000	--	--	8.12	6.74	--	1.38	910	<0.5	<0.5	0.54	1.7	3,800	--	PACE	--	--	--	--
	5/26/2000	--	--	8.12	5.13	--	2.99	--	--	--	--	--	--	--	--	--	--	--	--
	9/15/2000	--	--	8.12	8.20	--	-0.08	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2000	--	--	8.12	8.31	--	-0.19	--	--	--	--	--	--	--	--	--	--	--	--
	3/29/2001	--	h	8.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/27/2001	--	--	8.12	7.57	--	0.55	2,800	18.9	<2.5	<2.5	<7.5	4,220	--	PACE	--	--	--	--
	9/19/2001	--	--	8.12	7.87	--	0.25	2,500	<5.0	<5.0	<5.0	<15	3,340	--	PACE	--	--	--	--
	12/28/2001	--	--	8.12	7.80	--	0.32	4,400	<5.0	<5.0	<5.0	<10	5,330	--	PACE	--	--	--	--
	3/12/2002	--	--	8.12	4.53	--	3.59	6,400	71.5	<5.0	<5.0	<10	8,440	--	PACE	--	--	--	--
	6/13/2002*	--	--	8.12	6.21	--	1.91	1,800	7.5	<5.0	5.03	13.1	6,870	--	PACE	--	--	--	--
	9/6/2002	--	--	8.12	7.78	--	0.34	<2000	<20	<20	<20	<20	9,600	--	SEQ	--	--	--	--
	12/13/2002	--	o	8.12	7.87	--	0.25	5,600	<50	<50	<50	<50	8,600	--	SEQ	--	--	--	--
	2/19/2003	--	p	8.12	4.84	--	3.28	<10000	<100	<100	<100	<100	8,000	--	SEQ	--	--	--	--
	6/6/2003	--	--	8.12	7.98	--	0.14	13,000	<50	<50	<50	<50	6,800	--	SEQ	--	--	--	--
	8/7/2003	--	--	8.12	7.24	--	0.88	6,200	<50	<50	<50	<50	6,600	--	SEQ	--	--	--	--
	11/20/2003	P	--	8.12	7.02	--	1.10	10,000	<100	<100	<100	<100	11,000	--	SEQM	7.3	--	--	--
	04/28/2004	P	--	8.12	4.81	--	3.31	<25,000	<250	<250	<250	<250	3,600	--	SEQM	7.2	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126

1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-4	08/26/2004	P	t	8.12	5.65	--	2.47	<2,500	<25	<25	<25	<25	1,800	--	SEQM	7.2	--	--	<25
	12/01/2004	P	--	8.12	7.34	--	0.78	1,100	<10	<10	<10	<10	450	--	SEQM	7.1	--	--	--
	02/02/2005	**P**	**--**	**8.12**	**7.61**	**--**	**0.51**	**1,000**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**410**	**--**	**SEQM**	**7.3**	**--**	**--**	**--**
MW-5	10/12/1993	--	k	7.69	6.01	--	1.68	--	--	--	--	--	--	--	PACE	--	--	--	--
	10/13/1993	--	k	7.69	--	--	--	2,300	160	10	<0.5	26	--	--	PACE	--	--	--	--
	2/15/1994	--	d,k	7.69	5.74	--	1.95	5,100	710	16	33	35	153	4.0	PACE	--	--	--	--
	5/11/1994	--	d,k	7.69	5.28	--	2.41	11,000	1,100	39	110	57	165	8.0	PACE	--	--	--	--
	8/1/1994	--	d,k	7.69	5.84	--	1.85	9,000	730	35	61	41	196	2.6	PACE	--	--	--	--
	10/18/1994	--	k	7.69	6.01	--	1.68	7,800	330	30	27	27	559	5.6	PACE	--	--	--	--
	1/13/1995	--	--	7.69	4.74	--	2.95	<500	290	6	<5	18	--	6.8	ATI	--	--	--	--
	4/13/1995	--	--	7.69	5.50	--	2.19	9,100	400	15	52	27	--	7.4	ATI	--	--	--	--
	7/11/1995	--	--	7.69	5.75	--	1.94	7,300	390	13	28	23	--	7.2	ATI	--	--	--	--
	11/3/1995	--	--	7.69	6.65	--	1.04	7,200	270	15	38	23	200	8.4	ATI	--	--	--	--
	2/5/1996	--	--	7.69	4.83	--	2.86	4,600	370	15	53	28	<50	1.9	SPL	--	--	--	--
	4/24/1996	--	--	7.69	6.09	--	1.60	3,000	180	<10	32	14	<100	8.1	SPL	--	--	--	--
	7/15/1996	--	--	7.69	6.57	--	1.12	--	--	--	--	--	--	--	--	--	--	--	--
	7/16/1996	--	--	7.69	--	--	--	<50	190	<10	31	16	<100	8.3	SPL	--	--	--	--
	7/30/1996	--	--	7.69	5.61	--	2.08	--	--	--	--	--	--	--	--	--	--	--	--
	8/12/1996	--	--	7.69	--	--	--	2,000	150	12	25	18.2	<50	7.6	SPL	--	--	--	--
	11/4/1996	--	--	7.69	8.25	--	-0.56	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/1996	--	--	7.69	--	--	--	5,200	42	5.5	13	<5.0	1,700	7.4	SPL	--	--	--	--
	5/17/1997	--	--	7.69	6.95	--	0.74	80	0.56	<1.0	<1.0	<1.0	46	6.7	SPL	--	--	--	--
	8/11/1997	--	--	7.69	6.72	--	0.97	2,700	20	12	6.7	9.7	1,900	8.5	SPL	--	--	--	--
	11/17/1997	--	--	7.69	9.49	--	-1.80	8,400	25	12	8.7	5.4	13,000	7.9	SPL	--	--	--	--
	1/29/1998	--	--	7.69	7.88	--	-0.19	110,000	2,500	110	180	589	180,000	6.8	SPL	--	--	--	--
	6/22/1998	--	--	7.69	7.40	--	0.29	4,400	47	10	29	20.5	47	6.6	SPL	--	--	--	--
	12/30/1998	--	f	7.69	6.13	--	1.56	6,000	18	9.1	22	16	63/44	--	SPL	--	--	--	--
	3/9/1999	--	--	7.69	4.79	--	2.90	4,600	8.8	5.5	12	11	24	--	SPL	--	--	--	--
	6/23/1999	--	--	7.69	5.95	--	1.74	3,400	1,500	8.9	54	87	7,500	--	SPL	--	--	--	--
	9/23/1999	--	--	7.69	5.43	--	2.26	2,600	510	14	140	650	580	--	SPL	--	--	--	--
	12/28/1999	--	--	7.69	5.30	--	2.39	3,500	900	18	57	140	4,800	--	PACE	--	--	--	--
	3/22/2000	--	h	7.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/26/2000	--	h	7.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-5	9/6/2000	--	h	7.69	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	9/15/2000	--	h	7.69	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	12/11/2000	--	h	7.69	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	3/29/2001	--	h	7.69	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	6/27/2001	--	j	7.69	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	9/19/2001	--	j	7.69	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	12/28/2001	--	--	7.69	4.65	--	3.04	4,600	19.9	24.6	16.2	57	72.3	--	PACE	--	--	---	---
	3/12/2002	--	--	7.69	5.35	--	2.34	5,100	45.4	13.7	22	38.9	31.6	--	PACE	--	--	---	---
	6/13/2002	--	*	7.69	5.34	--	2.35	2,900	31.8	<12.5	<12.5	<25	616	--	PACE	--	--	---	---
	9/6/2002	--	--	7.69	5.46	--	2.23	3,400	23	5.5	<5.0	11	230	--	SEQ	--	--	---	---
	12/13/2002	--	o	7.69	5.47	--	2.22	2,500	12	9.3	4.6	8.8	110	--	SEQ	--	--	---	---
	2/19/2003	--	p	7.69	5.29	--	2.40	2,800	11	5.4	9.7	12	6.4	--	SEQ	--	--	---	---
	6/6/2003	--	--	7.69	5.30	--	2.39	3,200	9.1	<5.0	7.6	9.3	<5.0	--	SEQ	--	--	---	---
	8/7/2003	--	--	7.69	5.33	--	2.36	2,200	7.3	<5.0	<5.0	9.1	18	--	SEQ	--	--	---	---
	11/20/2003	P	--	7.69	5.39	--	2.30	3,500	12	5.4	6.4	12	12	--	SEQM	6.5	--	--	--
	04/28/2004	P	--	7.69	5.53	--	2.16	5,700	7.8	4.2	5.2	11	11	--	SEQM	7.1	--	--	--
	08/26/2004	P	--	7.69	5.42	--	2.27	2,400	23	4.0	3.6	11	74	--	SEQM	6.8	--	--	<2.5
	12/01/2004	P	--	7.69	5.38	--	2.31	4,300	11	<5.0	5.5	15	<5.0	--	SEQM	6.9	--	--	--
	02/02/2005	**P**	**--**	**7.69**	**5.48**	**--**	**2.21**	**4,000**	**8.4**	**4.8**	**4.0**	**10**	**11**	**--**	**SEQM**	**7.0**	**--**	**--**	**--**
MW-6	10/12/1993	--	k	8.52	6.59	--	1.93	63	<0.5	<0.5	<0.5	<0.5	44.4	--	PACE	--	--	---	---
	2/15/1994	--	d,k	8.52	6.31	--	2.21	68	<0.5	<0.5	<0.5	<0.5	38.1	3.1	PACE	--	--	---	---
	5/11/1994	--	d,k	8.52	6.15	--	2.37	68	<0.5	<0.5	<0.5	<0.5	48.5	8.7	PACE	--	--	---	---
	8/1/1994	--	k	8.52	6.46	--	2.06	91	<0.5	<0.5	<0.5	0.6	59.6	2.4	PACE	--	--	---	---
	10/18/1994	--	k	8.52	6.72	--	1.80	<50	<0.5	<0.5	<0.5	<0.5	84.6	6.0	PACE	--	--	---	---
	1/13/1995	--	--	8.52	5.95	--	2.57	<50	<0.5	<0.5	<0.5	<1	--	7.0	ATI	--	--	---	---
	4/13/1995	--	--	8.52	5.44	--	3.08	<50	<0.5	<0.5	<0.5	<1	--	8.5	ATI	--	--	---	---
	7/11/1995	--	--	8.52	5.68	--	2.84	<50	<0.50	<0.50	<0.50	<1.0	--	8.4	ATI	--	--	---	---
	11/2/1995	--	--	8.52	6.57	--	1.95	<50	<0.50	<0.50	<0.50	<1.0	35	8.3	ATI	--	--	---	---
	2/5/1996	--	--	8.52	6.27	--	2.25	<50	<5	<10	<10	<10	<100	2.2	SPL	--	--	---	---
	4/24/1996	--	--	8.52	5.95	--	2.57	<250	<2.5	<5	<5	<5	62	8.0	SPL	--	--	---	---
	7/15/1996	--	--	8.52	6.39	--	2.13	<250	<2.5	<5	<5	<5	<50	8.0	SPL	--	--	---	---
	7/30/1996	--	--	8.52	6.44	--	2.08	--	--	--	--	--	--	--	---	--	--	---	---
	11/4/1996	--	--	8.52	8.05	--	0.47	--	--	--	--	--	--	--	---	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-6	11/5/1996	--	--	8.52	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	7.3	SPL	--	--	--	--
	5/17/1997	--	--	8.52	6.75	--	1.77	--	--	--	--	--	--	--	--	--	--	--	--
	8/11/1997	--	--	8.52	6.48	--	2.04	--	--	--	--	--	--	--	--	--	--	--	--
	11/17/1997	--	--	8.52	9.27	--	-0.75	<50	<0.5	<1.0	<1.0	<1.0	<10	7.7	SPL	--	--	--	--
	1/29/1998	--	--	8.52	7.98	--	0.54	--	--	--	--	--	--	--	--	--	--	--	--
	6/22/1998	--	--	8.52	7.68	--	0.84	--	--	--	--	--	--	--	--	--	--	--	--
	12/30/1998	--	--	8.52	6.98	--	1.54	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/1999	--	--	8.52	5.90	--	2.62	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/1999	--	--	8.52	6.93	--	1.59	--	--	--	--	--	--	--	--	--	--	--	--
	9/23/1999	--	--	8.52	6.45	--	2.07	--	--	--	--	--	--	--	--	--	--	--	--
	12/28/1999	--	--	8.52	6.33	--	2.19	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/2000	--	--	8.52	5.15	--	3.37	--	--	--	--	--	--	--	--	--	--	--	--
	5/26/2000	--	--	8.52	5.72	--	2.80	--	--	--	--	--	--	--	--	--	--	--	--
	9/15/2000	--	--	8.52	6.02	--	2.50	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2000	--	--	8.52	6.20	--	2.32	--	--	--	--	--	--	--	--	--	--	--	--
	3/29/2001	--	--	8.52	5.34	--	3.18	750	<2.5	2.91	<2.5	11.8	820	--	PACE	--	--	--	--
	6/27/2001	--	--	8.52	6.00	--	2.52	760	32.9	<2.5	<2.5	<7.5	968	--	PACE	--	--	--	--
	9/19/2001	--	--	8.52	6.22	--	2.30	<500	<5.0	<5.0	<5.0	<15	879	--	PACE	--	--	--	--
	12/28/2001	--	n	8.52	4.71	--	3.81	--	--	--	--	--	--	--	--	--	--	--	--
	3/12/2002	--	--	8.52	4.96	--	3.56	<500	<5.0	<5.0	<5.0	<10	244	--	PACE	--	--	--	--
	6/13/2002	--	*	8.52	5.78	--	2.74	<250	<2.5	<2.5	<2.5	<5.0	413	--	PACE	--	--	--	--
	9/6/2002	--	--	8.52	6.14	--	2.38	130	<0.5	<0.5	<0.5	<0.5	240	--	SEQ	--	--	--	--
	12/13/2002	--	o	8.52	6.05	--	2.47	140	<1.0	<1.0	<1.0	<1.0	200	--	SEQ	--	--	--	--
	2/19/2003	--	p	8.52	5.40	--	3.12	<500	<5.0	<5.0	<5.0	<5.0	150	--	SEQ	--	--	--	--
	6/6/2003	--	--	8.52	5.54	--	2.98	1,100	<5.0	<5.0	<5.0	<5.0	140	--	SEQ	--	--	--	--
	8/7/2003	--	--	8.52	5.94	--	2.58	<500	<5.0	<5.0	<5.0	<5.0	160	--	SEQ	--	--	--	--
	11/20/2003	P	--	8.52	5.85	--	2.67	95	<0.50	<0.50	<0.50	<0.50	74	--	SEQM	7.0	--	--	--
	04/28/2004	P	--	8.52	5.45	--	3.07	<250	<2.5	<2.5	<2.5	<2.5	120	--	SEQM	7.3	--	--	--
	08/26/2004	P	--	8.52	6.06	--	2.46	<250	<2.5	<2.5	<2.5	<2.5	110	--	SEQM	7.1	--	--	<2.5
	12/01/2004	P	--	8.52	6.19	--	2.33	<250	<2.5	<2.5	<2.5	<2.5	86	--	SEQM	7.2	--	--	--
	02/02/2005	**P**	**--**	**8.52**	**5.20**	**--**	**3.32**	**55**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**41**	**--**	**SEQM**	**7.2**	**--**	**--**	**--**
MW-7	10/12/1993	--	k	7.61	6.14	--	1.47	<50	<0.5	<0.5	<0.5	0.7	<5.0	--	PACE	--	--	--	--
	2/15/1994	--	k	7.61	5.88	--	1.73	78	<0.5	<0.5	<0.5	0.6	<5.0	4.0	PACE	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-7	5/11/1994	--	k	7.61	5.76	--	1.85	70	<0.5	<0.5	<0.5	0.9	11.5	9.1	PACE	--	--	--	--
	8/1/1994	--	k	7.61	5.97	--	1.64	77	<0.5	<0.5	<0.5	0.5	182	2.5	PACE	--	--	--	--
	10/18/1994	--	k	7.61	6.24	--	1.37	<50	<0.5	<0.5	<0.5	<0.5	51.7	6.3	PACE	--	--	--	--
	1/13/1995	--	--	7.61	5.39	--	2.22	<50	<0.5	<0.5	<0.5	<1	--	8.2	ATI	--	--	--	--
	4/13/1995	--	--	7.61	5.17	--	2.44	63	<0.5	<0.5	<0.5	1.4	--	8.4	ATI	--	--	--	--
	7/11/1995	--	--	7.61	5.25	--	2.36	<50	<0.50	<0.50	<0.50	<1.0	--	7.9	ATI	--	--	--	--
	11/2/1995	--	--	7.61	6.19	--	1.42	<50	<0.50	<0.50	<0.50	<1.0	55	8.0	ATI	--	--	--	--
	2/5/1996	--	--	7.61	5.69	--	1.92	<50	<0.5	<1	<1	<1	40	1.9	SPL	--	--	--	--
	4/24/1996	--	--	7.61	5.59	--	2.02	<250	<2.5	<5	<5	<5	53	8.2	SPL	--	--	--	--
	7/15/1996	--	--	7.61	6.07	--	1.54	<250	<2.5	<5	<5	<5	<50	7.8	SPL	--	--	--	--
	7/30/1996	--	--	7.61	6.04	--	1.57	--	--	--	--	--	--	--	--	--	--	--	--
	11/4/1996	--	--	7.61	7.76	--	-0.15	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/1996	--	--	7.61	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	7.8	SPL	--	--	--	--
	5/17/1997	--	--	7.61	6.42	--	1.19	--	--	--	--	--	--	--	--	--	--	--	--
	8/11/1997	--	--	7.61	6.06	--	1.55	--	--	--	--	--	--	--	--	--	--	--	--
	11/17/1997	--	--	7.61	9.07	--	-1.46	<50	<0.5	<1.0	<1.0	<1.0	<10	7.1	SPL	--	--	--	--
	1/29/1998	--	--	7.61	7.44	--	0.17	--	--	--	--	--	--	--	--	--	--	--	--
	6/22/1998	--	--	7.61	7.39	--	0.22	--	--	--	--	--	--	--	--	--	--	--	--
	12/30/1998	--	--	7.61	5.51	--	2.10	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/1999	--	--	7.61	5.57	--	2.04	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/1999	--	--	7.61	6.69	--	0.92	--	--	--	--	--	--	--	--	--	--	--	--
	9/23/1999	--	--	7.61	6.23	--	1.38	--	--	--	--	--	--	--	--	--	--	--	--
	12/28/1999	--	--	7.61	6.08	--	1.53	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/2000	--	--	7.61	4.88	--	2.73	--	--	--	--	--	--	--	--	--	--	--	--
	5/26/2000	--	--	7.61	5.42	--	2.19	--	--	--	--	--	--	--	--	--	--	--	--
	9/15/2000	--	--	7.61	5.79	--	1.82	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2000	--	--	7.61	5.93	--	1.68	--	--	--	--	--	--	--	--	--	--	--	--
	3/29/2001	--	--	7.61	5.24	--	2.37	600	<2.5	<2.5	<2.5	<7.5	636	--	PACE	--	--	--	--
	6/27/2001	--	--	7.61	5.69	--	1.92	590	<2.5	<2.5	<2.5	<7.5	739	--	PACE	--	--	--	--
	9/19/2001	--	--	7.61	5.89	--	1.72	560	<5.0	<5.0	<5.0	<15	1,190	--	PACE	--	--	--	--
	12/28/2001	--	--	7.61	4.53	--	3.08	910	22.7	<2.5	<2.5	<5.0	856	--	PACE	--	--	--	--
	3/12/2002	--	--	7.61	4.71	--	2.90	620	<2.5	<2.5	<2.5	<5.0	675	--	PACE	--	--	--	--
	6/13/2002	--	*	7.61	5.21	--	2.40	860	<2.5	<2.5	<2.5	<5.0	1,470	--	PACE	--	--	--	--
	9/6/2002	--	--	7.61	5.77	--	1.84	350	<2.5	<2.5	<2.5	<2.5	690	--	SEQ	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-7	12/13/2002	--	o	7.61	5.65	--	1.96	1,300	<10	<10	<10	<10	1,800	--	SEQ	--	--	--	--
	2/19/2003	--	p	7.61	5.07	--	2.54	1,700	<10	<10	<10	<10	1,600	--	SEQ	--	--	--	--
	6/6/2003	--	--	7.61	5.27	--	2.34	1,000	<5.0	<5.0	<5.0	<5.0	510	--	SEQ	--	--	--	--
	8/7/2003	--	--	7.61	5.52	--	2.09	510	<5.0	<5.0	<5.0	<5.0	520	--	SEQ	--	--	--	--
	11/20/2003	P	--	7.61	5.79	--	1.82	330	<2.5	<2.5	<2.5	<2.5	270	--	SEQM	7.2	--	--	--
	04/28/2004	P	--	7.61	5.20	--	2.41	<250	<2.5	<2.5	<2.5	<2.5	71	--	SEQM	7.3	--	--	--
	08/26/2004	P	--	7.61	5.65	--	1.96	450	<2.5	<2.5	<2.5	2.8	150	--	SEQM	7.0	--	--	<0.50
	12/01/2004	P	--	7.61	5.79	--	1.82	100	<1.0	<1.0	<1.0	<1.0	25	--	SEQM	7.1	--	--	--
	02/02/2005	**P**	**--**	**7.61**	**4.92**	**--**	**2.69**	**81**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**31**	**--**	**SEQM**	**7.1**	**--**	**--**	**--**
MW-8	10/12/1993	--	k	8.6	5.86	--	2.74	<50	<0.5	<0.5	<0.5	<0.5	11.1	--	PACE	--	--	--	--
	2/15/1994	--	k	8.6	5.50	--	3.10	380	<0.5	<0.5	<0.5	<0.5	<5.0	3.3	PACE	--	--	--	--
	5/11/1994	--	k	8.6	5.09	--	3.51	330	<0.5	1.2	<0.5	1.9	<5.0	8.5	PACE	--	--	--	--
	8/1/1994	--	k	8.6	5.20	--	3.40	260	<0.5	1.2	2.9	5.8	<5.0	2.3	PACE	--	--	--	--
	10/18/1994	--	k	8.6	5.70	--	2.90	82	<0.5	<0.5	<0.5	<0.5	<5.0	6.4	PACE	--	--	--	--
	1/13/1995	--	--	8.6	4.96	--	3.64	<50	<0.5	<0.5	<0.5	<1	--	6.9	ATI	--	--	--	--
	4/13/1995	--	--	8.6	5.40	--	3.20	270	<0.5	<0.5	<0.5	4.4	--	8.4	ATI	--	--	--	--
	7/11/1995	--	--	8.6	6.01	--	2.59	320	<0.50	<0.50	<0.50	3.5	--	8.0	ATI	--	--	--	--
	11/2/1995	--	--	8.6	6.81	--	1.79	100	<0.50	<0.50	<0.50	<1.0	<5.0	8.7	ATI	--	--	--	--
	2/5/1996	--	--	8.6	6.12	--	2.48	<50	<5	<10	<10	<10	<100	1.5	SPL	--	--	--	--
	4/24/1996	--	--	8.6	6.23	--	2.37	<50	<5	<10	<10	<10	<100	8.7	SPL	--	--	--	--
	7/15/1996	--	--	8.6	6.70	--	1.90	<250	<2.5	<5	<5	<5	<50	8.4	SPL	--	--	--	--
	7/30/1996	--	--	8.6	6.64	--	1.96	--	--	--	--	--	--	--	--	--	--	--	--
	11/4/1996	--	--	8.6	8.36	--	0.24	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/1996	--	--	8.6	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	7.2	SPL	--	--	--	--
	5/17/1997	--	--	8.6	7.03	--	1.57	--	--	--	--	--	--	--	--	--	--	--	--
	8/11/1997	--	--	8.6	6.05	--	2.55	--	--	--	--	--	--	--	--	--	--	--	--
	11/17/1997	--	--	8.6	9.14	--	-0.54	<50	<0.5	<1.0	<1.0	<1.0	<10	7.7	SPL	--	--	--	--
	1/29/1998	--	--	8.6	7.90	--	0.70	--	--	--	--	--	--	--	--	--	--	--	--
	6/22/1998	--	--	8.6	7.72	--	0.88	--	--	--	--	--	--	--	--	--	--	--	--
	12/30/1998	--	h	8.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/1999	--	h	8.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/1999	--	--	8.6	4.70	--	3.90	--	--	--	--	--	--	--	--	--	--	--	--
	9/23/1999	--	--	8.6	4.22	--	4.38	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126

1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-8	12/28/1999	--	--	8.6	4.12	--	4.48	--	--	--	--	--	--	--	---	--	--	---	---
	3/22/2000	--	--	8.6	4.71	--	3.89	--	--	--	--	--	--	--	---	--	--	---	---
	5/26/2000	--	--	8.6	4.98	--	3.62	--	--	--	--	--	--	--	---	--	--	---	---
	9/15/2000	--	--	8.6	4.62	--	3.98	--	--	--	--	--	--	--	---	--	--	---	---
	12/11/2000	--	--	8.6	4.77	--	3.83	--	--	--	--	--	--	--	---	--	--	---	---
	3/29/2001	--	h	8.6	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	6/27/2001	--	--	8.6	5.11	--	3.49	570	<2.5	<2.5	2.58	<7.5	3.43	--	PACE	--	--	---	---
	9/19/2001	--	--	8.6	5.00	--	3.60	<500	<5.0	<5.0	<5.0	<15	<5.0	--	PACE	--	--	---	---
	12/28/2001	--	--	8.6	4.15	--	4.45	440	<0.5	<0.5	0.975	<1.0	6.27	--	PACE	--	--	---	---
	3/12/2002	--	--	8.6	4.35	--	4.25	330	<2.5	<2.5	<2.5	<5.0	8.69	--	PACE	--	--	---	---
	6/13/2002	--	*	8.6	5.09	--	3.51	<500	<5.0	<5.0	<5.0	<10	16.4	--	PACE	--	--	---	---
	9/6/2002	--	--	8.6	5.18	--	3.42	98	<0.5	<0.5	<0.5	<0.5	76	--	SEQ	--	--	---	---
	12/13/2002	--	o	8.6	4.84	--	3.76	120	<0.5	<0.5	0.94	0.52	140	--	SEQ	--	--	---	---
	2/19/2003	--	p	8.6	4.45	--	4.15	<2500	<25	<25	<25	<25	800	--	SEQ	--	--	---	---
	6/6/2003	--	--	8.6	5.00	--	3.60	<50000	<500	<500	<500	<500	17,000	--	SEQ	--	--	---	---
	8/7/2003	--	--	8.6	4.84	--	3.76	<2500	<25	<25	<25	<25	2,400	--	SEQ	--	--	---	---
	11/20/2003	P	--	8.60	4.48	--	4.12	<2,500	<25	<25	<25	<25	1,400	--	SEQM	6.9	--	--	--
	04/28/2004	P	--	8.60	9.66	--	-1.06	730	<2.5	<2.5	<2.5	<2.5	170	--	SEQM	6.9	--	--	--
	08/26/2004	P	--	8.60	4.73	--	3.87	<2,500	<25	<25	<25	<25	170	--	SEQM	6.8	--	--	<25
	12/01/2004	P	--	8.60	4.80	--	3.80	<250	<2.5	<2.5	<2.5	<2.5	36	--	SEQM	6.8	--	--	--
	02/02/2005	**P**	**--**	**8.60**	**4.50**	**--**	**4.10**	**810**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**41**	**--**	**SEQM**	**7.0**	**--**	**--**	**--**
MW-9	10/12/1993	--	--	8.08	5.66	0.08	2.34	--	--	--	--	--	--	--	---	--	--	---	---
	2/15/1994	--	--	8.08	5.32	0.05	2.71	--	--	--	--	--	--	--	---	--	--	---	---
	5/11/1994	--	--	8.08	5.57	--	2.51	--	--	--	--	--	--	--	---	--	--	---	---
	8/1/1994	--	--	8.08	6.25	--	1.83	--	--	--	--	--	--	--	---	--	--	---	---
	10/18/1994	--	--	8.08	5.59	0.13	2.36	--	--	--	--	--	--	--	---	--	--	---	---
	1/13/1995	--	--	8.08	4.42	0.14	3.52	--	--	--	--	--	--	--	---	--	--	---	---
	4/13/1995	--	--	8.08	4.06	0.11	3.91	--	--	--	--	--	--	--	---	--	--	---	---
	7/11/1995	--	--	8.08	4.21	0.08	3.79	--	--	--	--	--	--	--	---	--	--	---	---
	11/2/1995	--	--	8.08	5.22	0.05	2.81	--	--	--	--	--	--	--	---	--	--	---	---
	2/5/1996	--	--	8.08	4.76	0.01	3.31	--	--	--	--	--	--	--	---	--	--	---	---
	4/24/1996	--	--	8.08	4.62	0.09	3.37	--	--	--	--	--	--	--	---	--	--	---	---
	7/15/1996	--	--	8.08	5.11	0.04	2.93	--	--	--	--	--	--	--	---	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126

1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-9	7/30/1996	--	--	8.08	5.15	--	2.93	--	--	--	--	--	--	--	---	--	--	---	---
	11/4/1996	--	--	8.08	6.75	0.01	1.32	--	--	--	--	--	--	--	---	--	--	---	---
	5/17/1997	--	e	--	--	--	--	97,000	16,000	8,200	2,300	17,300	39,000	--	SPL	--	--	---	---
	5/17/1997	--	--	8.08	5.42	--	2.66	97,000	16,000	7,700	2,300	18,400	40,000	7.0	SPL	--	--	---	---
	8/11/1997	--	e	--	--	--	--	100,000	14,000	360	3,200	5,790	27,000	--	SPL	--	--	---	---
	8/11/1997	--	--	8.08	5.37	--	2.71	71,000	12,000	340	2,100	4,300	26,000	9.1	SPL	--	--	---	---
	11/17/1997	--	e	--	--	--	--	100,000	24,000	5,300	3,500	19,300	35,000	--	SPL	--	--	---	---
	11/17/1997	--	r	8.08	5.62	--	2.46	100,000	22,000	4,800	3,100	17,900	32,000	8.3	SPL	--	--	---	---
	1/29/1998	--	e	--	--	--	--	250,000	20,000	20,000	3,100	18,400	110,000	--	SPL	--	--	---	---
	1/29/1998	--	r	8.08	4.07	--	4.01	250,000	20,000	21,000	3,100	18,500	110,000	6.6	SPL	--	--	---	---
	6/22/1998	--	e	--	--	--	--	290,000	20,000	17,000	3,800	21,200	110,000	--	SPL	--	--	---	---
	6/22/1998	--	--	8.08	4.28	--	3.80	280,000	21,000	18,000	3,800	21,200	110,000	5.8	SPL	--	--	---	---
	12/30/1998	--	f	8.08	4.95	--	3.13	150,000	10,000	3,800	2,000	9,600	86000/89000	--	SPL	--	--	---	---
	3/9/1999	--	--	8.08	3.95	--	4.13	82,000	6,800	570	1,400	4,700	100,000	--	SPL	--	--	---	---
	6/23/1999	--	--	8.08	5.12	--	2.96	41,000	11,000	820	2,300	5,200	92,000	--	SPL	--	--	---	---
	9/23/1999	--	--	8.08	4.74	--	3.34	57,000	12,000	5,400	1,900	9,500	89,000	--	SPL	--	--	---	---
	12/28/1999	--	--	8.08	4.58	--	3.50	46,000	15,000	490	2,500	3,500	100,000	--	PACE	--	--	---	---
	3/22/2000	--	--	8.08	3.90	--	4.18	86,000	18,000	1,800	2,300	6,800	120,000	--	PACE	--	--	---	---
	5/26/2000	--	--	8.08	4.15	--	3.93	82,000	17,000	680	1,800	3,800	100,000	--	PACE	--	--	---	---
	9/6/2000	--	--	8.08	4.47	--	3.61	100,000	19,000	280	2,400	6,400	84,000	--	PACE	--	--	---	---
	9/15/2000	--	--	8.08	4.34	--	3.74	--	--	--	--	--	--	--	---	--	--	---	---
	12/11/2000	--	--	8.08	4.41	--	3.67	110,000	14,400	768	2,610	6,670	123,000	--	PACE	--	--	---	---
	3/29/2001	--	h	8.08	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	6/26/2001	--	m, l	8.08	5.03	0.13	2.92	--	--	--	--	--	--	--	---	--	--	---	---
	9/19/2001	--	m	8.08	--	--	--	--	--	--	--	--	--	--	---	--	--	---	---
	12/28/2001	--	--	8.08	3.73	--	4.35	110,000	15,000	1,500	2,280	5,530	60,900	--	PACE	--	--	---	---
	3/12/2002	--	--	8.08	4.93	--	3.15	88,000	12,500	2,600	2,800	8,950	44,000	--	PACE	--	--	---	---
	6/13/2002	--	*	8.08	4.13	--	3.95	59,000	9,870	161	2,560	5,560	35,600	--	PACE	--	--	---	---
	9/6/2002	--	--	8.08	4.39	--	3.69	47,000	10,000	<100	2,100	4,600	31,000	--	SEQ	--	--	---	---
	12/13/2002	--	o	8.08	3.97	--	4.11	57,000	11,000	1,000	2,300	5,800	28,000	--	SEQ	--	--	---	---
	2/19/2003	--	p	8.08	3.25	--	4.83	76,000	10,000	2,100	3,000	8,900	11,000	--	SEQ	--	--	---	---
	6/6/2003	--	--	8.08	3.94	--	4.14	66,000	9,000	<500	2,500	4,400	17,000	--	SEQ	--	--	---	---
	8/7/2003	--	r	8.08	3.92	--	4.16	53,000	7,600	<250	2,600	4,700	17,000	--	SEQ	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126

1700 Powell St., Emeryville, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-9	11/20/2003	P	--	8.08	4.89	--	3.19	40,000	6,800	<250	860	1,100	16,000	--	SEQM	6.7	--	--	--
	04/28/2004	P	r	8.08	3.19	--	4.89	47,000	5,600	690	2,300	6,800	8,500	--	SEQM	7.7	--	--	--
	08/26/2004	P	--	8.08	3.61	--	4.47	35,000	3,700	500	1,300	5,300	6,500	--	SEQM	--	--	--	<50
	12/01/2004	P	--	8.08	3.99	--	4.09	36,000	3,500	<250	1,200	4,300	8,300	--	SEQM	6.8	--	--	--
	02/02/2005	**P**	**r**	**8.08**	**3.71**	**--**	**4.37**	**21,000**	**1,800**	**130**	**670**	**2,000**	**3,600**	**--**	**SEQM**	**7.1**	**--**	**--**	**--**
QC-2	11/5/1992	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	10/12/1993	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	2/15/1994	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	5/11/1994	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	8/1/1994	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	10/18/1994	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	1/13/1995	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	--	--	ATI	--	--	---	---
	4/13/1995	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	--	--	ATI	--	--	---	---
	7/11/1995	--	g	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	--	---	---
	11/2/1995	--	g	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	--	---	---
	2/5/1996	--	g	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	--	---	---
	4/24/1996	--	g	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	--	---	---
	7/16/1996	--	g	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

ABBREVIATIONS:
TPH-g Total petroleum hydrocarbons as gasoline
TPH-d Total petroleum hydrocarbons as diesel
GRO Gasoline Range Organics
DRO Diesel Range Organics
MTBE Methyl tert butyl ether
TOG Total oil and grease
HVOC Halogenated volatile organic compounds
DO Dissolved oxygen
P/NP Purge/No Purge
ug/L Micrograms per liter
mg/L Milligrams per liter
ppm Parts per million
< Not detected above reported detection limit
— Not analyzed/applicable/measurable
PACE Pace, Inc.
ATI Analytical Technologies, Inc.
SPL Southern Petroleum Laboratories
SEQ Sequoia Analytical
TOC Top of Casing
DTW Depth to Water
GWE Groundwater Elevation

NOTES:
a Top of casing elevations surveyed relative to an established benchmark with an elevation of 8.11 feet above mean sea level.
b Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.
c Detection limits vary; see laboratory report.d A copy of the documentation for this data is included in Appendix C of Alisto report 10-061-07-004.
e Blind duplicate.
f EPA Methods 8020/8260 used.
g Travel blank.
h Inaccessible.
i Depth to water anomalous; groundwater elevation not used in contouring.
j Well paved over.
k A copy of the documentation for this data can be found in Blaine Tech Services report 010627-Z-1.MTBE data for the November 4, 1992 sampling event has been destroyed.No chromatograms could be located for MTBE data from well MW-5, sampled on October 12, 1993.
l Groundwater elevation is an estimate.
m Not sampled due to nature of SPH.
n Unable to sample.
o EPA Methods 8015B / 8021B used.
p Beginning in the first quarter 2003, TPHg and VOCs analyzed by EPA Method 8260B.
q Hydrocarbon pattern is present in the requested fuel quntitation range but does not resemble the pattern of the requested fuel.
r Sheen in well
s Discrete Peak @ C5
t HVOC detected was methlene chloride
* During the second quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP.

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

Table 2

Fuel Additives Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-1	6/6/2003	<5,000	<1,000	1,400	<25	<25	<25	--	--	
	8/7/2003	<1,000	560	920	<5.0	<5.0	12	<5.0	<5.0	
	11/20/2003	1,800	<200	250	<5.0	<5.0	<5.0	--	--	a (ethanol)
	04/28/2004	<1,000	950	200	<5.0	<5.0	<5.0	<5.0	<5.0	
	08/26/2004	<500	320	180	<2.5	<2.5	<2.5	<2.5	<2.5	b
	12/01/2004	<1,000	300	170	<5.0	<5.0	<5.0	<5.0	<5.0	
	02/02/2005	**<500**	**6,700**	**160**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**b (ethanol)**
MW-2	6/6/2003	<200,000	<40,000	72,000	<1,000	<1,000	1,300	--	--	
	8/7/2003	<100,000	45,000	83,000	<500	<500	1,300	<500	<500	
	11/20/2003	<20,000	48,000	18,000	<100	<100	200	--	--	
	04/28/2004	<50,000	59,000	31,000	<250	<250	<250	<250	<250	
	08/26/2004	23	<10,000	11,000	<250	<250	320	<250	<250	b
	12/01/2004	<20,000	<4,000	10,000	<100	<100	230	<100	<100	
	02/02/2005	**<20,000**	**4,000**	**10,000**	**<100**	**<100**	**260**	**<100**	**<100**	**b (ethanol)**
MW-3	6/6/2003	<1,000	<200	180	<5.0	<5.0	16	--	--	
	8/7/2003	<1,000	<200	290	<5.0	<5.0	20	<5.0	<5.0	
	11/20/2003	<100	<20	17	<0.50	<0.50	1.4	--	--	
	04/28/2004	<200	<40	87	<1.0	<1.0	3.9	<1.0	<1.0	
	08/26/2004	<5.0	260	34	<0.50	<0.50	2.0	<0.50	<0.50	b
	12/01/2004	<200	610	7.4	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/02/2005	**<200**	**<40**	**20**	**<1.0**	**<1.0**	**1.1**	**<1.0**	**<1.0**	**b (ethanol)**
MW-4	6/6/2003	<10,000	2,500	6,800	<50	<50	190	--	--	
	8/7/2003	<10,000	2,400	6,600	<50	<50	160	<50	<50	
	11/20/2003	<20,000	<4,000	11,000	<100	<100	310	--	--	
	04/28/2004	<50,000	15,000	3,600	<250	<250	<250	<250	<250	
	08/26/2004	<5.0	16,000	1,800	<25	<25	60	<25	<25	
	12/01/2004	<2,000	19,000	450	<10	<10	10	<10	<10	
	02/02/2005	**<1,000**	**19,000**	**410**	**<5.0**	**<5.0**	**10**	**<5.0**	**<5.0**	**b (ethanol)**
MW-5	6/6/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	--	--	
	8/7/2003	<1,000	<200	18	<5.0	<5.0	<5.0	<5.0	<5.0	
	11/20/2003	<500	<100	12	<2.5	<2.5	<2.5	--	--	
	04/28/2004	<500	<100	11	<2.5	<2.5	<2.5	<2.5	<2.5	

Table 2

Fuel Additives Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, 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-5	08/26/2004	8.3	<100	74	<2.5	<2.5	<2.5	<2.5	<2.5	
	12/01/2004	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	02/02/2005	**<500**	**<100**	**11**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**b (ethanol)**
MW-6	6/6/2003	<1,000	<200	140	<5.0	<5.0	21	--	--	
	8/7/2003	<1,000	<200	160	<5.0	<5.0	20	<5.0	<5.0	
	11/20/2003	<100	<20	74	<0.50	<0.50	12	--	--	
	04/28/2004	<500	<100	120	<2.5	<2.5	12	<2.5	<2.5	
	08/26/2004	11	<100	110	<2.5	<2.5	12	<2.5	<2.5	b
	12/01/2004	<500	<100	86	<2.5	<2.5	11	<2.5	<2.5	
	02/02/2005	**<100**	**32**	**41**	**<0.50**	**<0.50**	**6.2**	**<0.50**	**<0.50**	**b (ethanol)**
MW-7	6/6/2003	<1,000	<200	510	<5.0	<5.0	41	--	--	
	8/7/2003	<1,000	<200	520	<5.0	<5.0	43	<5.0	<5.0	
	11/20/2003	<500	1,300	270	<2.5	<2.5	8.9	--	--	
	04/28/2004	<500	880	71	<2.5	<2.5	3.5	<2.5	<2.5	
	08/26/2004	6.0	4,800	150	<2.5	<2.5	7.8	<0.50	<0.50	
	12/01/2004	<200	1,400	25	<1.0	<1.0	1.1	<1.0	<1.0	
	02/02/2005	**<100**	**830**	**31**	**<0.50**	**<0.50**	**1.8**	**<0.50**	**<0.50**	**b (ethanol)**
MW-8	6/6/2003	<100,000	<20,000	17,000	<500	<500	<500	--	--	
	8/7/2003	<5,000	<1,000	2,400	<25	<25	44	<25	<25	
	11/20/2003	<5,000	4,100	1,400	<25	<25	<25	--	--	b
	04/28/2004	<500	42,000	170	<2.5	<2.5	<2.5	<2.5	<2.5	c
	08/26/2004	<5.0	47,000	170	<25	<25	<25	<25	<25	
	12/01/2004	<500	9,700	36	<2.5	<2.5	<2.5	<2.5	<2.5	
	02/02/2005	**<100**	**<20**	**41**	**<0.50**	**0.72**	**0.64**	**<0.50**	**<0.50**	**b (ethanol)**
MW-9	6/6/2003	<100,000	<20,000	17,000	<500	<500	<500	--	--	
	8/7/2003	<50,000	<10,000	17,000	<250	<250	350	<250	<250	
	11/20/2003	<50,000	12,000	16,000	<250	<250	<250	--	--	
	04/28/2004	<25,000	<5,000	8,500	<120	<120	170	<120	<120	
	08/26/2004	13	2,600	6,500	<50	<50	140	<50	<50	d (TBA)
	12/01/2004	<50,000	<10,000	8,300	<250	<250	<250	<250	<250	
	02/02/2005	**<10,000**	**5,600**	**3,600**	**<50**	**<50**	**88**	**<50**	**<50**	**b (ethanol)**

Table 2

Fuel Additives Analytical Data

Former BP Station #11126
1700 Powell St., Emeryville, CA

TBA = tert-Butyl alcohol
MTBE = Methyl tert-butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tert butyl ether
TAME = tert-Amyl methyl ether
1,2-DCA = 1,2-Dibromoethane
EDB = 1,2-Dichloroethane
ug/L = micrograms per liter
< = Not detected above the laboratory detection limit.
-- = Not analyzed/not sampled/not mesaured/not available

a = Confirmatory analysis was past holding time
b = The continuing calibration verification was outside of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.
c = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
d = Initial analysis within holding time but required dilution.
e = Split samples analyzed by EPA Method 8260B SIM

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 # 050202-MB1 Date 2/2/05 Client BP 11126

Site 1700 Powell st., Emeryville

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					3.61	11.47		
MW-2	2					4.27	11.98		
MW-3	2					4.72	11.58		
MW-4	2					7.61	10.92		
MW-5	2					5.48	12.28		
MW-6	2					5.20	12.43		
MW-7	2					4.92	13.64 ~~14.64~~		
MW-8	2					4.50	13.79		
MW-9	4	*	No sptt detected			3.71	13.90	TOC	
		* heavy sheen / odor							

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050202-AMP1	Station # 11126
Sampler: AMP	Date: 2/2/05
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 11.43	Depth to Water: 3.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: Bailer
(Disposable Bailer)
Extraction Port
Other: ___

Top of Screen: ___

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

1.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = ~~3.9~~ (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
0937	61.0	7.0	1157	1.3	clear, odor
0939	62.4	7.0	1281	2.6	"
0942	~~62.8~~	7.0	1310	~~3.9~~	clear, odor

Did well dewater? Yes (No)
Gallons actually evacuated: 3.9

Sampling Time: 0950
Sampling Date: 2/2/05

Sample I.D.: MW-1
Laboratory: Pace (Sequoia) Other ___

Analyzed for: GRO BTEX MTBE DRO
Other: SVOC Scan

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050202-MD1	Station # 11126
Sampler: MD	Date: 2/2/05
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 11.98	Depth to Water: 4.27
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

Top of Screen: ___

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

1.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 3.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1117	62.2	7.0	1142	1.2	Cloudy, odor, sheen
1119	61.4	7.0	1135	2.4	"
1122	61.3	7.0	1137	3.6	cloudy, odor, sheen

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Time: 1130 Sampling Date: 2/2/05

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

Analyzed for: GRO BTEX MTBE DRO Other: See Sched

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 #: 050202-MW1	Station # 1126
Sampler: any	Date: 2/2/05
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 11.58	Depth to Water: 4.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method:
- Bailer
- (Disposable Bailer)
- Extraction Port
- Other: ___

Top of Screen: ___

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

1.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = ~~6~~ 3.3 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
0840	62.1	6.5	891	1.1	clear
0842	62.0	6.7	898	2.2	"
0844	61.7	6.8	899	3.3	clear

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Time: 0850 Sampling Date: 2/2/05

Sample I.D.: MW-3 Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) (BTEX) MTBE (DRO) Other: oxy's / Ethanol, 1-2 DCA, EDB

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 #: 050202-MW1	Station # 11126
Sampler: MW	Date: 2/2/05
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 10.92	Depth to Water: 7.61
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.

0.5 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 1.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1032	65.5	7.3	2412	0.5	clear
1035	66.3	7.3	2451	1.0	"
1037	66.5	7.3	2637	1.5	clear

Did well dewater? Yes (No) Gallons actually evacuated: 1.5

Sampling Time: 1045 Sampling Date: 2/2/05

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

Analyzed for: GRO BTEX MTBE DRO Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050202-MJ1	Station # 11126
Sampler: AMD	Date: 2/2/05
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 12.28	Depth to Water: 5.48
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)
- (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.

1.1 (1 Case Volume (Gals.)) X ~~3~~ 3 (Specified Volumes) = 3.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1000	63.7	7.5	717	1.1	cloudy
1002	63.4	7.0	716	2.2	"
1005	63.3	7.0	712	3.3	cloudy

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Time: 1010 Sampling Date: 2/2/05

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

Analyzed for: GRO BTEX MTBE DRO Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050202-MW1	Station # 11126
Sampler: MW	Date: 2/2/05
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 12.43	Depth to Water: 5.20
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.

1.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 3.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
0902	63.4	7.1	1894	1.2	cloudy
0904	64.3	7.2	1934	2.4	"
0906	64.4	7.2	~~1634~~	3.6	cloudy
			1634		

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Time: 0915 Sampling Date: 2/2/05

Sample I.D.: MW-6 Laboratory: Pace (Sequoia) Other _____

Analyzed for: GRO BTEX MTBE DRO Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050202-MW1	Station # 1126
Sampler: MO	Date: 2/2/05
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.64	Depth to Water: 4.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

Top of Screen: ___

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
0918	63.7	7.0	1507	1.4	cloudy
0920	64.7	7.1	1893	2.8	"
0922	65.3	7.1	1921	4.2	cloudy

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

Sampling Time: 0920 Sampling Date: 2/2/05

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

Analyzed for: GRO BTEX MTBE DRO Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050202 - MYDI	Station # 11126
Sampler: MY	Date: 2/2/05
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.79	Depth to Water: 4.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

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

1.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1017	66	7.0	2172	1.5	Clear
1020	67.9	6.9	2384	3	"
1022	68.6	7.0	2492	4.5	Clear

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Time: 1030 Sampling Date: 2/2/05

Sample I.D.: MW-8 Laboratory: Pace (Sequoia) Other _____

Analyzed for: GRO BTEX MTBE DRO Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050202-MD1	Station # 11126
Sampler: MD	Date: 2/2/05
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 13.90	Depth to Water: 3.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / (Other: 3" PVC Bailer)

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.

6.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 19.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1141	63.5	7.1	758	6.6	odor, Thick sheen
	ON	11 dewatered @ 7			DTW = 12.61
1200	65.6	7.1	772	—	odor, sheen

Did well dewater? (Yes) No — Gallons actually evacuated: 7.0

Sampling Time: 1200 — Sampling Date: 2/2/05

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

Analyzed for: GRO BTEX MTBE DRO — Other: See Scope

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

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:

11126

Station #

6700 Powell St., Emeryville

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

38

added equip. rinse water _____

any other adjustments _____

TOTAL GALS. RECOVERED 38

loaded onto BTS vehicle # 359

BTS event # 050202-MD1

time 1230

date 2/2/95

signature

* *

REC'D AT BTS

time 1650

date 2/2/95

unloaded by signature

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
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15 February, 2005

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

RE: BP Heritage #11126, Emeryville, CA
Work Order: MOB0203

Enclosed are the results of analyses for samples received by the laboratory on 02/03/05 16:51. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOB0203-01	Water	02/02/05 09:50	02/03/05 16:51
MW-2	MOB0203-02	Water	02/02/05 11:30	02/03/05 16:51
MW-3	MOB0203-03	Water	02/02/05 08:50	02/03/05 16:51
MW-4	MOB0203-04	Water	02/02/05 10:45	02/03/05 16:51
MW-5	MOB0203-05	Water	02/02/05 10:10	02/03/05 16:51
MW-6	MOB0203-06	Water	02/02/05 09:15	02/03/05 16:51
MW-7	MOB0203-07	Water	02/02/05 09:30	02/03/05 16:51
MW-8	MOB0203-08	Water	02/02/05 10:30	02/03/05 16:51
MW-9	MOB0203-09	Water	02/02/05 12:00	02/03/05 16:51
TB-11126-02022005	MOB0203-10	Water	02/02/05 00:00	02/03/05 16:51

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.

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MOB0203-03) Water Sampled: 02/02/05 08:50 Received: 02/03/05 16:51									
Diesel Range Organics (C10-C36)	**730**	49	ug/l	1	5B07009	02/07/05	02/08/05	EPA 8015B-SVOA	PT
Surrogate: n-Octacosane		*114 %*	*34-123*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOB0203-01) Water Sampled: 02/02/05 09:50 Received: 02/03/05 16:51									
tert-Amyl methyl ether	ND	2.5	ug/l	5	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	**150**	2.5	"	"	"	"	"	"	
tert-Butyl alcohol	**6700**	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	**12**	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**160**	2.5	"	"	"	"	"	"	
Toluene	**3.0**	2.5	"	"	"	"	"	"	
Xylenes (total)	**14**	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	***1100***	*250*	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		"	"	"	"	
MW-2 (MOB0203-02) Water Sampled: 02/02/05 11:30 Received: 02/03/05 16:51									
tert-Amyl methyl ether	**260**	100	ug/l	200	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	**6600**	100	"	"	"	"	"	"	
tert-Butyl alcohol	**4000**	4000	"	"	"	"	"	"	
Di-isopropyl ether	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
Ethanol	ND	20000	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Ethylbenzene	**4400**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	***10000***	100	"	"	"	"	"	"	
Toluene	**9900**	100	"	"	"	"	"	"	
Xylenes (total)	**18000**	100	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**92000**	10000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	*02/15/05 11:23*

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MOB0203-03) Water Sampled: 02/02/05 08:50 Received: 02/03/05 16:51									
tert-Amyl methyl ether	**1.1**	1.0	ug/l	2	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	ND	1.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	40	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
Ethanol	ND	200	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**20**	1.0	"	"	"	"	"	"	
Toluene	*ND*	*1.0*	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	100	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-135*		"	"	"	"	
MW-4 (MOB0203-04) Water Sampled: 02/02/05 10:45 Received: 02/03/05 16:51									
tert-Amyl methyl ether	**10**	5.0	ug/l	10	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	**19000**	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	*ND*	*5.0*	"	"	"	"	"	"	
Methyl tert-butyl ether	**410**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**1000**	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MOB0203-05) Water Sampled: 02/02/05 10:10 Received: 02/03/05 16:51									
tert-Amyl methyl ether	ND	2.5	ug/l	5	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	**8.4**	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	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	**4.0**	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**11**	2.5	"	"	"	"	"	"	
Toluene	**4.8**	2.5	"	"	"	"	"	"	
Xylenes (total)	**10**	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**4000**	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*60-135*		"	"	"	"	
MW-6 (MOB0203-06) Water Sampled: 02/02/05 09:15 Received: 02/03/05 16:51									
tert-Amyl methyl ether	**6.2**	0.50	ug/l	1	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**32**	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	**41**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**55**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MOB0203-07) Water Sampled: 02/02/05 09:30 Received: 02/03/05 16:51									
tert-Amyl methyl ether	**1.8**	0.50	ug/l	1	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**830**	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	**31**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**81**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-135*		"	"	"	"	
MW-8 (MOB0203-08) Water Sampled: 02/02/05 10:30 Received: 02/03/05 16:51									
tert-Amyl methyl ether	**0.64**	0.50	ug/l	1	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	**0.72**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**41**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**810**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MOB0203-09) Water Sampled: 02/02/05 12:00 Received: 02/03/05 16:51									
tert-Amyl methyl ether	**88**	50	ug/l	100	5B10005	02/10/05	02/10/05	EPA 8260B	
Benzene	**1800**	50	"	"	"	"	"	"	
tert-Butyl alcohol	**5600**	2000	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Ethanol	ND	10000	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Ethylbenzene	**670**	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**3600**	50	"	"	"	"	"	"	
Toluene	**130**	50	"	"	"	"	"	"	
Xylenes (total)	**2000**	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**21000**	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MOB0203-03) Water	**Sampled: 02/02/05 08:50**	**Received: 02/03/05 16:51**							
Oil & Grease (HEM)	ND	4800	ug/l	1	5B11036	02/11/05	02/11/05	EPA 1664A	

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5B07009 - EPA 3510C / EPA 8015B-SVOA										
Blank (5B07009-BLK1)				Prepared: 02/07/05 Analyzed: 02/08/05						
Diesel Range Organics (C10-C36)	ND	50	ug/l							
Surrogate: n-Octacosane	*42.6*		"	*50.0*		*85*	*34-123*			
Laboratory Control Sample (5B07009-BS1)				Prepared: 02/07/05 Analyzed: 02/08/05						
Diesel Range Organics (C10-C36)	422	50	ug/l	500		84	51-128			
Surrogate: n-Octacosane	*40.8*		"	*50.0*		*82*	*34-123*			
Laboratory Control Sample Dup (5B07009-BSD1)				Prepared: 02/07/05 Analyzed: 02/08/05						
Diesel Range Organics (C10-C36)	437	50	ug/l	500		87	51-128	3	27	
Surrogate: n-Octacosane	*46.0*		"	*50.0*		*92*	*34-123*			

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1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

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 5B10005 - EPA 5030B P/T / EPA 8260B										
Blank (5B10005-BLK1)				Prepared & Analyzed: 02/10/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							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	*5.54*		"	*5.00*		*111*	*60-135*			
Laboratory Control Sample (5B10005-BS1)				Prepared & Analyzed: 02/10/05						
tert-Amyl methyl ether	9.58	0.50	ug/l	10.0		96	80-115			
Benzene	8.63	0.50	"	10.0		86	65-115			
tert-Butyl alcohol	47.4	20	"	50.0		95	75-150			
Di-isopropyl ether	7.95	0.50	"	10.0		80	75-125			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0		108	85-120			
1,2-Dichloroethane	10.8	0.50	"	10.0		108	85-130			
Ethanol	156	100	"	200		78	70-135			IC
Ethyl tert-butyl ether	8.82	0.50	"	10.0		88	75-130			
Ethylbenzene	9.35	0.50	"	10.0		94	75-135			
Methyl tert-butyl ether	9.70	0.50	"	10.0		97	65-125			
Toluene	9.24	0.50	"	10.0		92	85-120			
Xylenes (total)	28.1	0.50	"	30.0		94	85-125			
Surrogate: 1,2-Dichloroethane-d4	*5.35*		"	*5.00*		*107*	*60-135*			

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 #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

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 5B10005 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5B10005-BS2)				Prepared & Analyzed: 02/10/05						
Benzene	4.77	0.50	ug/l	6.08		78	65-115			
Ethylbenzene	7.60	0.50	"	7.84		97	75-135			
Methyl tert-butyl ether	8.16	0.50	"	9.60		85	65-125			
Toluene	29.9	0.50	"	32.9		91	85-120			
Xylenes (total)	37.7	0.50	"	38.5		98	85-125			
Gasoline Range Organics (C4-C12)	375	50	"	440		85	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.11*		"	*5.00*		*102*	*60-135*			
Laboratory Control Sample Dup (5B10005-BSD1)				Prepared & Analyzed: 02/10/05						
tert-Amyl methyl ether	9.85	0.50	ug/l	10.0		98	80-115	3	15	
Benzene	9.21	0.50	"	10.0		92	65-115	7	20	
tert-Butyl alcohol	49.9	20	"	50.0		100	75-150	5	25	
Di-isopropyl ether	7.86	0.50	"	10.0		79	75-125	1	15	
1,2-Dibromoethane (EDB)	11.3	0.50	"	10.0		113	85-120	5	15	
1,2-Dichloroethane	10.8	0.50	"	10.0		108	85-130	0	20	
Ethanol	113	100	"	200		56	70-135	32	35	IC, HM
Ethyl tert-butyl ether	9.18	0.50	"	10.0		92	75-130	4	25	
Ethylbenzene	9.91	0.50	"	10.0		99	75-135	6	15	
Methyl tert-butyl ether	10.4	0.50	"	10.0		104	65-125	7	20	
Toluene	9.76	0.50	"	10.0		98	85-120	5	20	
Xylenes (total)	29.8	0.50	"	30.0		99	85-125	6	20	
Surrogate: 1,2-Dichloroethane-d4	*4.98*		"	*5.00*		*100*	*60-135*			
Matrix Spike (5B10005-MS1)	**Source: MOB0203-02**			Prepared & Analyzed: 02/10/05						
Benzene	7570	100	ug/l	1220	6600	80	65-115			
Ethylbenzene	5940	100	"	1570	4400	98	75-135			
Methyl tert-butyl ether	11900	100	"	1920	10000	99	65-125			
Toluene	16200	100	"	6580	9900	96	85-120			
Xylenes (total)	25600	100	"	7700	18000	99	85-125			
Gasoline Range Organics (C4-C12)	170000	10000	"	88000	92000	89	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.48*		"	*5.00*		*110*	*60-135*			

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

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 5B10005 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (5B10005-MSD1)	**Source: MOB0203-02**			Prepared & Analyzed: 02/10/05						
Benzene	7480	100	ug/l	1220	6600	72	65-115	1	20	
Ethylbenzene	6060	100	"	1570	4400	106	75-135	2	15	
Methyl tert-butyl ether	11000	100	"	1920	10000	52	65-125	8	20	LN
Toluene	15700	100	"	6580	9900	88	85-120	3	20	
Xylenes (total)	26100	100	"	7700	18000	105	85-125	2	20	
Gasoline Range Organics (C4-C12)	163000	10000	"	88000	92000	81	70-124	4	20	
Surrogate: 1,2-Dichloroethane-d4	*4.62*		"	*5.00*		*92*	*60-135*			

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5B11036 - General Prep / EPA 1664A										
Blank (5B11036-BLK1)				Prepared & Analyzed: 02/11/05						
Oil & Grease (HEM)	ND	5000	ug/l							
Laboratory Control Sample (5B11036-BS1)				Prepared & Analyzed: 02/11/05						
Oil & Grease (HEM)	18800	5000	ug/l	20000		94	78-118			
Laboratory Control Sample Dup (5B11036-BSD1)				Prepared & Analyzed: 02/11/05						
Oil & Grease (HEM)	17700	5000	ug/l	20000		88	78-118	6	18	

Sequoia Analytical

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URS Corporation [Arco]	Project:BP Heritage #11126, Emeryville, CA	MOB0203
1333 Broadway, Suite 800	Project Number:G07TP-0013	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/15/05 11:23

Notes and Definitions

SG	A silica gel cleanup procedure was performed.
PT	Hydrocarb. in req. fuel range, but doesn't resemble req. fuel
LN	MS and/or MSD below acceptance limits. See Blank Spike(LCS).
IC	Calib. verif. is within method limits but outside contract limits
HM	Analyte recovery below established limit
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

Page 1 of 1

Project Name: BP 11126 Analytical for QMR sampling

BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 11126 > Historical/SL

State or Lead Regulatory Agency: Alameda County Environmental Health Agency

Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time:	0720	Temp:	55
Off-site Time:	1230	Temp:	70
Sky Conditions:	clear		
Meteorological Events:			
Wind Speed:		Direction:	

Lab Name: Sequoia	BP/AR Facility No.: 11126	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 1700 Powell St., Emeryville, CA 94608	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.838926 / -122.295	Oakland, CA 94612
Lab PM: Lisa Race	California Global ID No.: T0600100208	Consultant/Contractor Project No.: 38486831
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G07TP-0013	Consultant/Contractor PM: Leonard Niles
BP/AR PM Contact: ~~Paul Supple~~ Kyle Christie	Provision or RCOP: Provision	Tele/Fax: 510.874.1720 / 510.874.3268
Address: ~~P.O. Box 6549~~ 4 Centerpointe Dr. LPR-4-172	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with EDF
Moraga, CA 94570 - La Palma, CA 90623	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna_Cosper@urscorp.com
Tele/Fax: ~~925.299.8891 / 925.299.8872~~ - 714.670.5563	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO/BTEX (8260)	Requested Analysis: MTBE, TAME, DIPE, TBA (8260)	Requested Analysis: EDB, 1,2-DCA (8260)	Requested Analysis: Ethanol (8260)	Requested Analysis: DRO w/SGC (8015M)	Requested Analysis: TOG (1664)	Sample Point Lat/Long and Comments
1	MW-1	0935	2/2/05		X		01	3				X		X	X	X	X			
2	MW-2	1130	"		X		02	3				X		X	X	X	X			
3	MW-3	0850	"		X		03	7				X		X	X	X	X	X	X	
4	MW-4	1045	"		X		04	3				X		X	X	X	X			
5	MW-5	1105	"		X		05	3				X		X	X	X	X			
6	MW-6	0955	"		X		06	3				X		X	X	X	X			
7	MW-7	0930	"		X		07	3				X		X	X	X	X			
8	MW-8	1020	"		X		08	3				X		X	X	X	X			
9	MW-9	1200	"		X		09	3				X		X	X	X	X			
10	TB-URS-02022005	-	"		X		10	2				X								on hold

MOB0203

Sample Point Lat/Long and Comments

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: John DeLaney		2/2/05	1447		2/2/05	1447
Sampler's Company: Blaine Tech		2/3/05	1651		2/3/05	1651
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

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

Distribution: White Copy - Laboratory / Yellow Copy - Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

BP COC Rev. 10/1/0

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP 11126 | DATE REC'D AT LAB: 2/3/05 | For Regulatory Purposes?
REC. BY (PRINT): JD | TIME REC'D AT LAB: 1451 | DRINKING WATER YES / NO
WORKORDER: 502202203 | DATE LOGGED IN: 2/4/05 | 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	01		MW-1	VOA (3)	HCl		W	2/3/05	
	Intact / Broken*	02		MW-2	"	"				
2. Chain-of-Custody	Present / Absent*	03		MW-3	LAmber (2)	HCl	1 2			
3. Traffic Reports or Packing List:	Present / Absent				"	"				
4. Airbill:	Airbill / Sticker Present / Absent	04		MW-4	VOA (3)	HCl				
5. Airbill #:		05		-5						
6. Sample Labels:	Present / Absent	06		-6						
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody	07		-7						
		08		-8						
		09		-9						
8. Sample Condition:	Intact / Broken* / Leaking*	10		TB-11126-020305	V (3)					
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: 4B										
Is temp 4 +/-2°C?	Yes / No**									

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

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

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

Electronic Submittal Information

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

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	2/16/2005 12:59:22 PM

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UPLOADING A GEO_WELL FILE

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Submittal Title:	**QMR Geowell Q1 2005 Site 11126**
Submittal Date/Time:	**2/16/2005 1:01:08 PM**
Confirmation Number:	**1516834855**

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CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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Confirmation Number: 9202721416
Date/Time of Submittal: 2/16/2005 1:17:12 PM
Facility Global ID: T0600100208
Facility Name: BP MOBIL
Submittal Title: QMR Q1 2005
Submittal Type: Risk Assessment Report

Click here to view the detections report for this upload.

BP MOBIL
1700 POWELL ST
EMERYVILLE, CA 94608

Regional Board - Case #: 01-0222
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 4050
ALAMEDA COUNTY LOP - **(RWS)**

CONF #	TITLE	QUARTER
9202721416	QMR Q1 2005	Q1 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	2/16/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	9
# FIELD POINTS WITH DETECTIONS	9
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	7
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,E1664A,SW8015B
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	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y

WATER SAMPLES FOR 8021/8260 SERIES

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

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
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BP MOBIL
1700 POWELL ST
EMERYVILLE, CA 94608

Regional Board - Case #: 01-0222
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 4050
ALAMEDA COUNTY LOP - **(RWS)**

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	9
# FIELD POINTS WITH DETECTIONS	9
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	7
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,E1664A,SW8015B
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	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y

- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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ATTACHMENT D

HISTORICAL GROUNDWATER EXTRACTION DATA

Table 3
Groundwater Extraction Volumes and Depth To Water Measurements
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

Well Number	Date	Pre-extraction Depth To Water (ft)	Intermediate [1] Depth To Water (ft)	Final [2] Depth To Water (ft)	Volume Extracted (gal) [3]	Cumulative Volume Extracted (gal)	Comments
MW-1	6/8/04	3.54	3.29	3.20	1.87	1.87	
	6/25/04	3.24	3.24	6.29	1.92	3.79	
	7/8/04	4.22	3.55	6.35	1.76	5.55	
	7/20/04	3.18	3.25	6.19	1.93	7.48	
	8/3/04	5.89	3.79	7.43	1.49	8.96	
	8/17/04	3.55	3.47	7.44	1.87	10.83	
	8/31/04	3.49	3.33	5.30	1.88	12.71	
	9/14/04	3.89	3.40	4.03	1.81	14.52	Well lock broken
	9/28/04					14.52	
	10/5/04	**3.58**	**3.49**	**7.32**	**1.86**	**16.39**	
Reporting Period 10/04 - 12/04 (Fourth Quarter 2004)					**Period Volume Extracted, gal 1.86**		
MW-2	6/8/04	4.78	4.57	8.54	1.67	1.67	
	6/25/04	4.62	4.61	7.19	1.69	3.36	
	7/8/04	4.70	4.69	7.75	1.68	5.04	
	7/20/04	4.77	4.77	8.26	1.67	6.71	
	8/3/04	4.80	4.79	5.72	1.66	8.38	
	8/17/04	4.80	4.80	5.70	1.66	10.04	
	8/31/04	4.67	4.46	5.15	1.69	11.73	
	9/14/04	4.63	4.64	5.38	1.69	13.42	
	9/28/04					13.42	
	10/5/04	**4.79**	**4.80**	**5.17**	**1.67**	**15.09**	
Reporting Period 10/04 - 12/04 (Fourth Quarter 2004)					**Period Volume Extracted, gal 1.67**		
MW-4	6/8/04	8.05	5.56	7.65	1.13	1.13	
	6/25/04	7.92	6.42	8.83	1.16	2.29	
	7/8/04	6.15	5.32	8.88	1.44	3.73	
	7/20/04	6.83	5.70	9.57	1.33	5.07	
	8/3/04	6.93	5.70	10.12	1.32	6.38	
	8/17/04	5.45	5.20	10.14	1.56	7.94	
	8/31/04	6.50	5.60	9.35	1.39	9.33	
	9/14/04	5.79	5.66	10.25	1.50	10.83	
	9/28/04					10.83	
	10/5/04	**6.13**	**5.44**	**9.59**	**1.45**	**12.28**	
Reporting Period 10/04 - 12/04 (Fourth Quarter 2004)					**Period Volume Extracted, gal 1.45**		
MW-8	6/8/04	4.87	4.66	8.66	1.65	1.65	
	6/25/04	4.63	4.63	9.23	1.69	3.35	
	7/8/04	4.59	4.60	11.58	1.70	5.04	
	7/20/04	4.71	4.71	10.00	1.68	6.72	
	8/3/04	4.66	4.67	10.40	1.69	8.41	
	8/17/04	4.75	4.75	10.39	1.67	10.08	
	8/31/04	4.75	4.74	11.55	1.67	11.76	
	9/14/04	4.71	4.75	8.96	1.68	13.44	Well cap broken
	9/28/04					13.44	
	10/5/04	**4.88**	**4.88**	**9.68**	**1.65**	**15.09**	

Table 3
Groundwater Extraction Volumes and Depth To Water Measurements
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

Well Number	Date	Pre-extraction Depth To Water (ft)	Intermediate [1] Depth To Water (ft)	Final [2] Depth To Water (ft)	Volume Extracted (gal) [3]	Cumulative Volume Extracted (gal)	Comments
Reporting Period 10/04 - 12/04 (Fourth Quarter 2004)					**Period Volume Extracted, gal 1.65**		
MW-9	6/8/04	3.55	NM	13.10	7.47	7.47	Sheen observed
	6/25/04	3.63	NM	11.37	7.42	14.90	
	7/8/04	3.76	DRY	13.10	7.34	22.23	Sheen observed
	7/20/04	3.80	NM	9.27	7.31	29.54	Sheen observed
	8/3/04	3.87	13.26	10.52	7.27	36.81	
	8/17/04	3.73	NM	8.53	7.36	44.17	Sheen observed
	8/31/04	3.84	NM	10.07	7.28	51.45	Sheen observed
	9/14/04	3.76	NM	7.78	7.34	58.79	Sheen observed
	9/28/04					58.79	
	10/5/04	**4.03**	**NM**	**10.25**	**7.16**	**65.95**	**Sheen observed**
Reporting Period 10/04 - 12/04 (Fourth Quarter 2004)					**Period Volume Extracted, gal 7.16**		
Total Volume Extracted This Period, gal			**13.79**				
Total Cumulative Volume Extracted, gal			**124.79**				

Notes:

1 = Depth to water measurement taken after extraction from well MW-9, but before extraction from wells MW-1, MW-2, MW-4 and MW-8.

2 = Depth to water measurement taken after extraction from all extraction wells (MW-9, MW-1, MW-2, MW-4 and MW-8).

3 = Volume extracted estimated based calculated well volume and number of times dewatered (typically 1 to 2 per event).

ft = feet

gal = gallons

NM = not measured