RO-66

URS

March 9, 2004

Ms. eva chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **First Quarter 2004 Groundwater Monitoring Report**
Former BP Service Station #11126
1700 Powell Street
Emeryville, California
URS Project #38486797

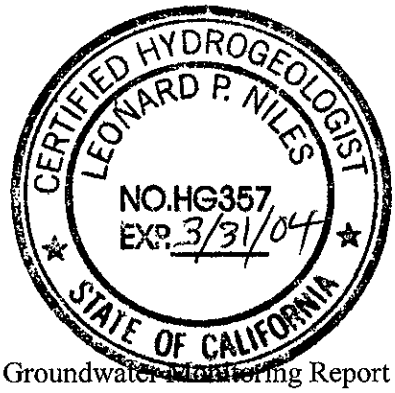
Dear Ms. chu:

On behalf of the Atlantic Richfield Company (ARCO - a BP affiliated company), URS Corporation (URS) is submitting the *First Quarter 2004 Groundwater Monitoring Report* for the Former BP Service Station #11126, located at 1700 Powell Street, Emeryville, California. URS requests a response to the recommendations included in the "Interim Remedial Action and Offsite Assessment Work Plan" submitted July 11, 2003.

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

Sincerely,

URS CORPORATION



Leonard P. Niles

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

Enclosure: First Quarter 2004 Groundwater Monitoring Report

cc: Mr. Paul Supple, ARCO, (electronic copy uploaded to ENFOS)
Ms. Liz Sewell, ConocoPhillips, 76 Broadway, Sacramento, CA 95818

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

FIRST QUARTER 2004 GROUNDWATER MONITORING

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

Prepared for
Atlantic Richfield Company

March 9, 2004

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38486797

Date: March 9, 2004
Quarter: 1Q 04

BP GEM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.:	11126	Address:	1700 Powell Street, Emeryville, CA
ARCO Environmental Business Manager:			Paul Supple
Consulting Co./Contact Person:			URS Corporation / Leonard Niles
Consultant Project No.:			38486797
Primary Agency:			Alameda County Health Care Services Agency (ACHSA)

WORK PERFORMED THIS QUARTER (First – 2004):

1. Performed first quarter groundwater monitoring event on February 5, 2004.
2. Prepared and submitted first quarter 2004 groundwater monitoring report.
3. Prepared and submitted fourth quarter 2003 groundwater monitoring report.

WORK PROPOSED FOR NEXT QUARTER (Second– 2004):

1. Perform second quarter 2004 groundwater monitoring event.
2. Prepare and submit second quarter 2004 groundwater monitoring report.
3. Implement interim remedial action and subsurface investigation pending approval of the workplan submitted July 11, 2003.

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-5, MW-6, MW-9)
Current Remediation Techniques:	None
Approximate Depth to Groundwater:	3.42 (MW-1) to 7.37 (MW-4) feet
Groundwater Gradient (direction):	Variable from southeast to northwest
Groundwater Gradient (magnitude):	0.02 feet per foot

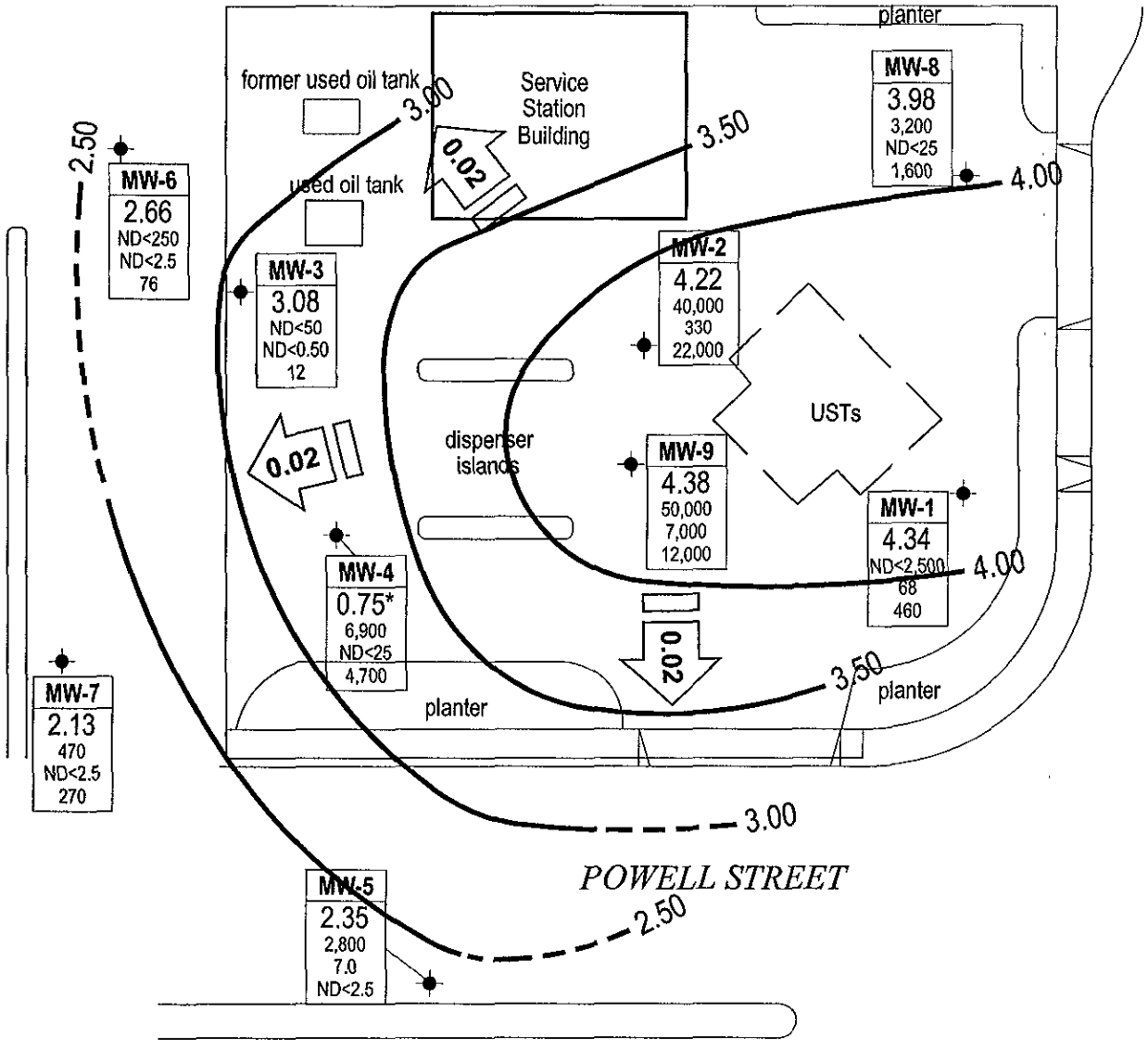
DISCUSSION:

GRO was detected above laboratory reporting limits in six of the nine wells sampled at concentrations ranging from 470 µg/L (MW-7) to 50,000 µg/L (MW-9). Benzene was detected above laboratory reporting limits in four of the nine wells sampled at concentrations ranging from 7.0 µg/L (MW-5) to 7,000 µg/L (MW-9). MTBE was detected above laboratory reporting limits in eight wells at concentrations ranging from 12 µg/L (MW-3) to 22,000 µg/L (MW-2). DRO and T.O.G were only analyzed in well MW-3. DRO was detected above laboratory reporting limit at a concentration of 340 µg/L. TOG was detected above laboratory reporting limit at a concentration of 8.2 µg/L. Groundwater samples collected during this event were also analyzed for fuel oxygenates, including ethanol, by EPA Method 8260B. Other than MTBE, the only other fuel oxygenates detected above laboratory reporting limits were TBA, and TAME. TBA was detected above laboratory reporting limits in six wells at concentrations ranging from 32 µg/L (MW-3) to 54,000 µg/L (MW-2). TAME was detected above laboratory reporting limits in five wells at

concentrations ranging from 0.90 µg/L (MW-3) to 280 µg/L (MW-9). The analytical method used during this sampling event, EPA Method 8260B, resulted in elevated detection limits for GRO, BTEX and fuel oxygenates in several samples due to matrix interference from elevated MTBE concentrations.

ATTACHMENTS:

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



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)
- ND< — Not detected at or above laboratory reporting limits
- * — Not used in contouring
- 0.02 — Groundwater flow direction and gradient (ft/ft)

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

NORTH

0 30 60

SCALE IN FEET

*Please note that beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPHg) has been changed to Gasoline Range Organics (GRO). The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported."

URS	Project No. 38486797 Former BP Service Station #11126 1700 Powell Street Emeryville, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP First Quarter 2004 (February 5, 2004)	FIGURE 1

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet) (a)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet) (b)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-1	11/4/1992	7.76	4.96	—	2.80	5300	---	1100	480	ND<0.5	1500	— (k)	—	---	—	PACE
MW-1	10/12/1993	7.76	5.26	---	2.50	3600	—	970	71	100	550	6111 (k)	---	---	---	PACE
MW-1	2/15/1994	7.76	4.98	---	2.78	17000	---	4200	510	360	1600	5495 (k)	—	---	3.9	PACE
MW-1	5/11/1994	7.76	4.55	—	3.21	5500	---	2900	37	56	64	705 (k)	---	—	8.0	PACE
MW-1	8/1/1994	7.76	5.51	---	2.25	15000	—	3600	740	510	2800	9718 (d)(k)	—	---	2.9	PACE
QC-1 (e)	8/1/1994	---	---	—	—	16000	---	3600	750	510	2800	9800 (d)	---	—	---	PACE
MW-1	10/18/1994	7.76	5.11	---	2.65	16000	---	1800	61	160	890	15668 (k)	---	—	2.9	PACE
QC-1 (e)	10/18/1994	—	—	---	---	16000	—	1900	64	170	950	—	—	---	—	PACE
MW-1	1/13/1995	7.76	3.05	---	4.71	220	---	7	ND<0.5	1	23	---	---	---	6.6	ATI
QC-1 (e)	1/13/1995	—	—	---	---	590	---	88	0.7	ND<0.5	55	---	—	---	—	ATI
MW-1	4/13/1995	7.76	3.84	—	3.92	9300	---	4000	300	200	950	---	---	---	7.7	ATI
MW-1	7/11/1995	7.76	3.60	---	4.16	15000	—	2200	84	ND<25	2500	—	—	---	8.8	ATI
MW-1	11/2/1995	7.76	4.58	---	3.18	19000	---	920	ND<100	ND<100	430	52000	---	---	7.3	ATI
MW-1	2/5/1996	7.76	4.43	---	3.33	4600	—	1400	330	54	247	8700	---	---	3.2	SPL
MW-1	4/24/1996	7.76	4.00	---	3.76	2000	---	510	33	61	228	4500	---	---	7.5	SPL
MW-1	7/15/1996	7.76	4.30	---	3.46	---	—	—	---	---	---	---	---	---	---	---
MW-1	7/16/1996	7.76	---	---	—	12000	---	2800	170	390	1630	64000	---	---	7.9	SPL
QC-1 (e)	7/16/1996	---	—	---	---	12000	---	2800	160	390	1610	63000	---	---	---	SPL
MW-1	7/30/1996	7.76	4.64	—	3.12	---	---	---	---	---	---	---	---	---	---	---
MW-1	8/12/1996	7.76	—	---	---	11000	---	2500	160	ND<10	1740	440000	—	---	7 0	SPL
MW-1	11/4/1996	7.76	5.98	—	1.78	---	---	---	---	---	---	---	---	---	---	---
MW-1	11/5/1996	7.76	---	---	—	53000	---	1300	43	100	349	42000/190000 (f)	---	—	6.6	SPL
MW-1	5/17/1997	7.76	4.65	---	3.11	52000	—	1958	55	305	1216	140198	---	---	5.7	SPL
MW-1	8/11/1997	7.76	4.90	---	2.86	25000	---	540	6.7	ND<5.0	57	360000	---	---	7.9	SPL
MW-1	11/17/1997	7.76	6.12	---	1.64	93000	---	1200	31	180	40	400000	---	---	7.6	SPL
MW-1	1/29/1998	7.76	4.90	---	2.86	4800	---	320	24	52	19.9	ND<50	---	---	6.6	SPL
MW-1	6/22/1998	7.76	4.62	---	3.14	63000	---	180	ND<5.0	15	69	57000	---	---	6.0	
MW-1	12/30/1998	7.76	5.41	---	2.35	22000	---	2500	24	120	400	15000/13000 (f)	---	---	---	SPL
MW-1	3/9/1999	7.76	3.40	---	4.36	16000	---	2000	84	290	510	13000	---	---	---	SPL
MW-1	6/23/1999	7.76	4.60	---	3.16	9600	—	4500	21	160	260	24000	---	---	—	SPL
MW-1	9/23/1999	7.76	4.21	---	3.55	3800	---	1600	32	150	240	7100	---	---	---	SPL
MW-1	12/28/1999	7.76	4.10	---	3.66	3400	---	ND<2200	17	53	130	5500	---	---	—	PACE
MW-1	3/22/2000	7.76	5.51	---	2.25	6400	---	1100	45	190	330	4900	---	---	---	PACE
MW-1	5/26/2000	7.76	4.79	---	2.97	110000	---	700	44	140	250	320000	---	---	—	PACE
MW-1	9/6/2000	7.76	5.19	---	2.57	5600	---	1000	13	57	90	19000	---	---	---	PACE
MW-1	9/15/2000	7.76	5.73	—	2.03	---	---	---	---	---	---	---	---	---	---	---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet) (a)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b) (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-1	12/11/2000	7.76	5.82	—	1.94	5500	—	1160	47.1	155	292	3900	---	—	---	PACE
MW-1 (h)	3/29/2001	7.76	---	---	—	—	---	—	—	—	—	—	—	---	—	---
MW-1	6/27/2001	7.76	5.49	---	2.27	6100	---	1200	12.9	17.3	77.9	1780	—	—	—	PACE
MW-1	9/19/2001	7.76	6.19	—	1.57	1800	—	102	ND<12.5	ND<12.5	ND<37.5	1090	---	—	---	PACE
MW-1	12/28/2001	7.76	5.27	---	2.49	4000	—	540	11.8	20.4	64.6	1120	—	---	—	PACE
MW-1	3/12/2002	7.76	5.68	—	2.08	3700	---	491	8.39	12.4	27.3	1020	---	—	---	PACE
MW-1	6/13/2002*	7.76	5.54	---	2.22	1900	—	255	ND<12.5	ND<12.5	ND<25	6490	—	---	—	PACE
MW-1	9/6/2002	7.76	5.56	—	2.20	1100	—	170	5.1	2.2	20	550	—	—	---	SEQ
MW-1 (o)	12/13/2002	7.76	5.45	—	2.31	2700	---	610	10	18	67	470	—	—	—	SEQ
MW-1 (p)	2/19/2003	7.76	3.00	---	4.76	1500	—	180	ND<5.0	ND<5.0	15	610	—	---	—	SEQ
MW-1	6/6/2003	7.76	5.52	—	2.24	4600	—	620	ND<25	ND<25	55	1400	---	—	---	SEQ
MW-1	8/7/2003	7.76	5.55	---	2.21	2000	---	290	ND<5.0	ND<5.0	15	920	—	---	—	SEQ
MW-1	11/20/2003	7.76	5.41	—	2.35	2800	—	420	11	11	53	250	—	---	---	SEQ
MW-1	**2/5/2004**	**7.76**	**3.42**	**—**	**4.34**	**ND<2,500**	**—**	**68**	**ND<25**	**ND<25**	**ND<25**	**460**	**—**	**—**	**—**	**SEQ**

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Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (a) (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (b) (Feet)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-2	11/4/1992	8.56	5.88	—	2.68	12000	—	3900	1300	ND<0.5	2300	—	(k)	—	—	—	PACE
QC-1 (e)	11/4/1992	—	—	—	—	12000	—	3200	980	ND<0.5	1900	—		—	—	—	PACE
MW-2	10/12/1993	8.56	6.29	—	2.27	4500	—	3400	180	230	940	442	(k)	—	—	—	PACE
MW-2	2/15/1994	8.56	5.56	—	3.00	2000	—	430	270	28	390	127	(k)	—	—	4.0	PACE
QC-1 (e)	2/15/1994	—	—	—	—	1800	—	290	160	14	250	—		—	—	—	PACE
MW-2	5/11/1994	8.56	5.17	—	3.39	14000	—	3900	1200	440	1900	953	(k)	—	—	8.9	PACE
QC-1 (e)	5/11/1994	—	—	—	—	15000	—	5600	1500	470	2000	740	(d)	—	—	—	PACE
MW-2	8/1/1994	8.56	5.43	—	3.13	8200	—	3000	420	230	680	1676	(k)	—	—	2.6	PACE
MW-2	10/18/1994	8.56	5.71	—	2.85	9000	—	2000	140	150	420	2417	(k)	—	—	7.2	PACE
MW-2	1/13/1995	8.56	4.67	—	3.89	7900	—	2200	42	ND<5	770	—		—	—	6.8	ATI
MW-2	4/13/1995	8.56	4.37	—	4.19	33000	—	8000	2500	1100	6600	—		—	—	7.5	ATI
QC-1 (e)	4/13/1995	—	—	—	—	25000	—	6500	1500	110	5300	—		—	—	—	ATI
MW-2	7/11/1995	8.56	4.51	—	4.05	19000	—	3300	99	7.5	4600	—		—	—	7.8	ATI
QC-1 (e)	7/11/1995	—	—	—	—	28000	—	6800	1000	900	4900	—		—	—	—	ATI
MW-2	11/2/1995	8.56	5.55	—	3.01	20000	—	3800	1200	570	2700	15000		—	—	7.3	ATI
QC-1 (e)	11/2/1995	—	—	—	—	22000	—	4000	1200	600	2700	19000		—	—	—	ATI
MW-2	2/5/1996	8.56	5.10	—	3.46	1200	—	320	220	26	187	99		—	—	2.2	SPL
QC-1 (e)	2/5/1996	—	—	—	—	910	—	290	180	19	137	93		—	—	—	SPL
MW-2	4/24/1996	8.56	4.95	—	3.61	ND<500	—	70	22	ND<10	61	ND<50		—	—	7.0	SPL
QC-1 (e)	4/24/1996	—	—	—	—	ND<500	—	100	30	ND<10	71	ND<100		—	—	—	SPL
MW-2	7/15/1996	8.56	5.40	—	3.16	—	—	—	—	—	—	—		—	—	—	—
MW-2	7/16/1996	8.56	—	—	—	12000	—	3300	1400	250	2610	1400		—	—	7.8	SPL
MW-2	7/30/1996	8.56	5.44	—	3.12	—	—	—	—	—	—	—		—	—	—	—
MW-2	11/4/1996	8.56	7.06	—	1.50	—	—	—	—	—	—	—		—	—	—	—
MW-2	11/5/1996	8.56	—	—	—	7200	—	1400	230	38	2110	1100		—	—	7.4	SPL
QC-1 (e)	11/5/1996	—	—	—	—	9200	—	1300	170	ND<25	2240	1100		—	—	—	SPL
MW-2	5/17/1997	8.56	5.77	—	2.79	570	—	42	ND<5.0	5.0	60	210		—	—	6.9	SPL
MW-2	8/11/1997	8.56	5.71	—	2.85	6300	—	1800	130	86	397	2400		—	—	8.5	SPL
MW-2	11/17/1997	8.56	6.91	—	1.65	2400	—	220	30	33	259	130		—	—	7.9	SPL
MW-2	1/29/1998	8.56	4.61	—	3.95	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	6.2	SPL
MW-2	6/22/1998	8.56	4.80	—	3.76	4200	—	640	150	120	650	560		—	—	5.4	SPL
MW-2	12/30/1998	8.56	5.21	—	3.35	—	—	—	—	—	—	—		—	—	—	—
MW-2	6/23/1999	8.56	5.30	—	3.26	—	—	—	—	—	—	—		—	—	—	—
MW-2	9/23/1999	8.56	4.75	—	3.81	3800	—	760	19	210	960	910		—	—	—	SPL
MW-2	12/28/1999	8.56	4.51	—	4.05	—	—	—	—	—	—	—		—	—	—	—
MW-2	3/22/2000	8.56	4.21	—	4.35	2500	—	780	17	44	270	2800		—	—	—	PACE
MW-2	5/26/2000	8.56	4.66	—	3.90	—	—	—	—	—	—	—		—	—	—	—
MW-2	9/6/2000	8.56	4.71	—	3.85	3700	—	1200	5.5	12	170	12000		—	—	—	PACE
MW-2	9/15/2000	8.56	4.74	—	3.82	—	—	—	—	—	—	—		—	—	—	—
MW-2	12/11/2000	8.56	4.79	—	3.77	—	—	—	—	—	—	—		—	—	—	—
MW-2 (h)	3/29/2001	8.56	—	—	—	—	—	—	—	—	—	—		—	—	—	—

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet) (a)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet) (b)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-2 (j)	6/27/2001	8.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2 (j)	9/19/2001	8.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2 (j)	12/28/2001	8.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	3/12/2002	8.56	4.25	—	4.31	26000	—	1160	4.39	61.1	171	37300	—	—	—	PACE
MW-2	6/13/2002*	8.56	4.94	—	3.62	18000	—	578	ND<50	ND<50	ND<100	84600	—	—	—	PACE
MW-2	9/6/2002	8.56	5.23	—	3.33	26000	—	440	ND<50	ND<50	ND<50	45000	—	—	—	SEQ
MW-2 (o)	12/13/2002	8.56	4.94	—	3.62	69000	—	1200	ND<500	ND<500	ND<500	98000	—	—	—	SEQ
MW-2 (p)	2/19/2003	8.56	4.14	—	4.42	78000	—	1100	ND<500	ND<500	ND<500	81000	—	—	—	SEQ
MW-2	6/6/2003	8.56	4.66	—	3.90	120000	—	1100	ND<1000	ND<1000	ND<1000	72000	—	—	—	SEQ
MW-2	8/7/2003	8.56	4.90	Sheen	3.66	71000	—	590	ND<500	ND<500	ND<500	83000	—	—	—	SEQ
MW-2	11/20/2003	8.56	4.59	—	3.97	22000	—	720	ND<100	ND<100	ND<100	18000	—	—	—	SEQ
MW-2	**2/5/2004**	**8.56**	**4.34**	**—**	**4.22**	**40000** (s)	**—**	**330**	**ND<250**	**ND<250**	**ND<250**	**22000**	**—**	**—**	**—**	**SEQ**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (a) (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (b) (Feet)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-3	11/4/1992	8.25	6.38	---	1.87	200	690	1.6	ND<0.5	ND<0.5	1.1	---	(k) ND<5000	ND	---	PACE
MW-3	10/12/1993	8.25	5.84	---	2.41	270	2100	5.0	0.7	ND<0.5	2.6	96.3	(k) ND<5000	ND	---	PACE
QC-1 (e)	10/12/1993	---	---	---	---	150	---	5.6	0.6	ND<0.5	1.6	---	---	---	---	PACE
MW-3	2/15/1994	8.25	6.60	---	1.65	140	2.3	5.7	ND<0.5	ND<0.5	ND<0.5	30.1	(k) 90	ND	3.9	PACE
MW-3	5/11/1994	8.25	5.86	---	2.39	190	2500	2.7	1.9	ND<0.5	1.9	51	(d)(k) ND<5000	ND	9.2	PACE
MW-3	8/1/1994	8.25	6.13	---	2.12	120	1300	1.3	ND<0.5	0.5	1.1	17.6	(k) ND<5000	ND	2.9	PACE
MW-3	10/18/1994	8.25	6.39	---	1.86	100	2200	2.3	ND<0.5	ND<0.5	ND<0.5	21	(k) ND<5000	ND	3.6	PACE
MW-3	1/13/1995	8.25	5.47	---	2.78	ND<50	970	0.8	ND<0.5	ND<0.5	ND<1	---	---	ND	7.7	ATI
MW-3	4/13/1995	8.25	5.17	---	3.08	530	ND<500	8.7	1.9	ND<0.5	3.9	---	2100	ND	8.4	ATI
MW-3	7/11/1995	8.25	5.37	---	2.88	78	2100	0.57	ND<0.50	ND<0.50	ND<1.0	---	1900	ND	8.3	ATI
MW-3	11/2/1995	8.25	6.29	---	1.96	250	2000	0.73	ND<0.50	ND<0.50	1.8	270	1400	ND	8.3	ATI
MW-3	2/5/1996	8.25	5.80	---	2.45	ND<50	1600	ND<0.5	ND<1	ND<1	2.7	11	9000	ND	3.5	SPL
MW-3	4/24/1996	8.25	5.69	---	2.56	ND<50	2800	ND<5	ND<10	ND<10	ND<10	150	6000	ND	8.6	SPL
MW-3	7/15/1996	8.25	6.18	---	2.07	ND<250	3700	ND<2.5	ND<5	ND<5	ND<5	ND<50	1000	ND	7.7	SPL
MW-3	7/30/1996	8.25	6.04	---	2.21	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/4/1996	8.25	7.84	---	0.41	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/5/1996	8.25	---	---	---	90	890	ND<0.5	ND<1.0	ND<1.0	ND<1.0	30	2000	ND	6.8	SPL
MW-3	5/17/1997	8.25	6.49	---	1.76	ND<50	2100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	52	700	ND	6.3	SPL
MW-3	8/11/1997	8.25	6.15	---	2.10	490	1900	ND<2.5	ND<5.0	ND<5.0	ND<5.0	170	ND<5000	ND	7.4	SPL
MW-3	11/17/1997	8.25	7.15	---	1.10	120	2500	ND<0.5	ND<1.0	ND<1.0	ND<1.0	46	ND<5000	ND	7.0	SPL
MW-3	1/29/1998	8.25	5.10	---	3.15	270	1700	0.53	ND<1.0	ND<1.0	ND<1.0	330	2000	ND	6.4	SPL
MW-3	6/22/1998	8.25	5.50	---	2.75	200	2200	ND<0.5	ND<1.0	ND<1.0	ND<1.0	130	ND<5	ND	5.5	SPL
MW-3	12/30/1998	8.25	6.68	---	1.57	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/9/1999	8.25	5.53	---	2.72	60	840	ND<1.0	ND<1.0	ND<1.0	ND<1.0	19	7600	---	---	SPL
MW-3	6/23/1999	8.25	6.60	---	1.65	---	---	---	---	---	---	---	---	---	---	---
MW-3	9/23/1999	8.25	6.17	---	2.08	---	---	---	---	---	---	---	---	---	---	---
MW-3	12/28/1999	8.25	6.00	---	2.25	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/22/2000	8.25	4.77	---	3.48	690	ND<58	4.2	3.1	0.81	2.7	2900	13000	---	---	PACE
MW-3	5/26/2000	8.25	5.28	---	2.97	---	---	---	---	---	---	---	---	---	---	---
MW-3	9/15/2000	8.25	5.58	---	2.67	---	---	---	---	---	---	---	---	---	---	---
MW-3	12/11/2000	8.25	11.74	---	-3.49 (i)	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/29/2001	8.25	5.04	---	3.21	650	ND<50	ND<2.5	ND<2.5	ND<2.5	ND<7.5	680	6540	---	---	PACE
MW-3	6/27/2001	8.25	5.62	---	2.63	460	690	ND<2.5	ND<2.5	ND<2.5	ND<7.5	560	ND<5000	---	---	PACE
MW-3	9/19/2001	8.25	5.80	---	2.45	ND<500	520	ND<5.0	ND<5.0	ND<5.0	ND<15	464	ND<5000	---	---	PACE
MW-3	12/28/2001	8.25	4.85	---	3.40	180	550	ND<0.5	ND<0.5	ND<0.5	ND<1.0	180	ND<5000	---	---	PACE
MW-3	3/12/2002	8.25	4.39	---	3.86	410	1300	ND<2.5	ND<2.5	ND<2.5	ND<5.0	443	ND<5000	---	---	PACE
MW-3	6/13/2002*	8.25	5.38	---	2.87	ND<250	2600	ND<2.5	ND<2.5	ND<2.5	ND<5.0	395	ND<5000	---	---	PACE
MW-3	9/6/2002	8.25	5.68	---	2.57	ND<200	---	ND<2.0	ND<2.0	ND<2.0	ND<2.0	650	---	---	---	SEQ
MW-3 (o)	12/13/2002	8.25	5.37	---	2.88	ND<50	980	ND<0.5	ND<0.5	ND<0.5	ND<0.5	60	7000	---	---	SEQ
MW-3 (p)	2/19/2003	8.25	4.80	---	3.45	ND<1000	380	ND<10	ND<10	ND<10	ND<10	120	6700	---	---	SEQ
MW-3	6/6/2003	8.25	5.13	---	3.12	ND<500	620	ND<5.0	ND<5.0	ND<5.0	ND<5.0	180	7.9	---	---	SEQ
MW-3	8/7/2003	8.25	5.43	---	2.82	ND<500	820 (q)	5.7	ND<5.0	ND<5.0	ND<5.0	290	5.4	---	---	SEQ
MW-3	11/20/2003	8.25	4.72	---	3.53	ND<50	1200 (q)	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	ND<4.8	---	---	SEQ
MW-3	**2/5/2004**	**8.25**	**5.17**	**---**	**3.08**	**ND<50**	**340**	**(q) ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**12**	**8.2**	**---**	**---**	**SEQ**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet) (a)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet) (b)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-4	11/4/1992	8.12	6.66	---	1.46	340	---	4.5	ND<0.5	4.3	ND<0.5	---	(k)	---	---	---	PACE
MW-4	10/12/1993	8.12	6.87	---	1.25	160	---	5.8	1.4	0.8	2.7	261	(k)	---	---	---	PACE
MW-4	2/15/1994	8.12	6.61	---	1.51	110	---	4.4	0.7	ND<0.5	2.5	118	(d)(k)	---	---	4.3	PACE
MW-4	5/11/1994	8.12	5.89	---	2.23	120	---	0.5	0.8	ND<0.5	ND<0.5	137	(d)(k)	---	---	9.3	PACE
MW-4	8/1/1994	8.12	6.87	---	1.25	140	---	0.7	2.0	5.2	15	138	(k)	---	---	3.3	PACE
MW-4	10/18/1994	8.12	6.62	---	1.50	140	---	3.5	ND<0.5	0.5	ND<0.5	197	(k)	---	---	3.0	PACE
MW-4	1/13/1995	8.12	7.27	---	0.85	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---		---	---	7.9	ATI
MW-4	4/13/1995	8.12	6.51	---	1.61	73	---	1.2	ND<0.5	ND<0.5	ND<1	---		---	---	9.9	ATI
MW-4	7/11/1995	8.12	6.21	---	1.91	82	---	0.57	ND<0.50	ND<0.50	ND<1.0	---		---	---	7 2	ATI
MW-4	11/2/1995	8.12	6.78	---	1.34	71	---	1.4	0.96	0.99	2.8	140		---	---	8.6	ATI
MW-4	2/5/1996	8.12	6.41	---	1.71	ND<50	---	ND<5	ND<10	ND<10	ND<10	200		---	---	4.4	SPL
MW-4	4/24/1996	8.12	6.18	---	1.94	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	510		---	---	8.3	SPL
MW-4	7/15/1996	8.12	6.63	---	1.49	ND<50	---	5.7	ND<1	ND<1	ND<1	550		---	---	7.4	SPL
MW-4	7/30/1996	8.12	6.34	---	1.78	---	---	---	---	---	---	---		---	---	---	---
MW-4	11/4/1996	8.12	8.27	---	-0.15	---	---	---	---	---	---	---		---	---	---	---
MW-4	11/5/1996	8.12	---	---	---	460	---	ND<2.5	11	ND<5.0	ND<5.0	620/610	(f)	---	---	7.3	SPL
MW-4	5/17/1997	8.12	7.00	---	1.12	---	---	---	---	---	---	---		---	---	---	---
MW-4	8/11/1997	8.12	6.81	---	1.31	---	---	---	---	---	---	---		---	---	---	---
MW-4	11/17/1997	8.12	9.19	---	-1.07	840	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	880		---	---	7.3	SPL
MW-4	1/29/1998	8.12	7.94	---	0.18	---	---	---	---	---	---	---		---	---	---	---
MW-4	6/22/1998	8.12	7.49	---	0.63	---	---	---	---	---	---	---		---	---	---	---
MW-4	12/30/1998	8.12	8.21	---	-0.09	---	---	---	---	---	---	---		---	---	---	---
MW-4	3/9/1999	8.12	7.70	---	0.42	1200	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2000		---	---	---	SPL
MW-4	6/23/1999	8.12	8.81	---	-0.69	---	---	---	---	---	---	---		---	---	---	---
MW-4	9/23/1999	8.12	8.32	---	-0.20	---	---	---	---	---	---	---		---	---	---	---
MW-4	12/28/1999	8.12	8.21	---	-0.09	---	---	---	---	---	---	---		---	---	---	---
MW-4	3/22/2000	8.12	6.74	---	1.38	910	---	ND<0.5	ND<0.5	0.54	1.7	3800		---	---	---	PACE
MW-4	5/26/2000	8.12	5.13	---	2.99	---	---	---	---	---	---	---		---	---	---	---
MW-4	9/15/2000	8.12	8.20	---	-0.08	---	---	---	---	---	---	---		---	---	---	---
MW-4	12/11/2000	8.12	8.31	---	-0.19	---	---	---	---	---	---	---		---	---	---	---
MW-4 (h)	3/29/2001	8.12	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-4	6/27/2001	8.12	7.57	---	0.55	2800	---	18.9	ND<2.5	ND<2 5	ND<7.5	4220		---	---	---	PACE
MW-4	9/19/2001	8.12	7.87	---	0.25	2500	---	ND<5.0	ND<5.0	ND<5.0	ND<15	3340		---	---	---	PACE
MW-4	12/28/2001	8.12	7.80	---	0.32	4400	---	ND<5.0	ND<5.0	ND<5.0	ND<10	5330		---	---	---	PACE
MW-4	3/12/2002	8.12	4.53	---	3.59	6400	---	71.5	ND<5.0	ND<5.0	ND<10	8440		---	---	---	PACE
MW-4	6/13/2002*	8.12	6.21	---	1.91	1800	---	7.5	ND<5.0	5.03	13.1	6870		---	---	---	PACE
MW-4	9/6/2002	8.12	7.78	---	0.34	ND<2000	---	ND<20	ND<20	ND<20	ND<20	9600		---	---	---	SEQ
MW-4 (o)	12/13/2002	8.12	7.87	---	0.25	5600	---	ND<50	ND<50	ND<50	ND<50	8600		---	---	---	SEQ
MW-4 (p)	2/19/2003	8 12	4.84	---	3.28	ND<10000	---	ND<100	ND<100	ND<100	ND<100	8000		---	---	---	SEQ
MW-4	6/6/2003	8.12	7.98	---	0.14	13000	---	ND<50	ND<50	ND<50	ND<50	6800		---	---	---	SEQ
MW-4	8/7/2003	8.12	7.24	---	0.88	6200	---	ND<50	ND<50	ND<50	ND<50	6600		---	---	---	SEQ
MW-4	11/20/2003	8.12	7.02	---	1.10	10000	---	ND<100	ND<100	ND<100	ND<100	11000		---	---	---	SEQ
MW-4	**2/5/2004**	**8.12**	**7.37**	**---**	**0.75**	**6900**	**(s) ---**	**ND<25**	**ND<25**	**ND<25**	**ND<25**	**4700**		**---**	**---**	**---**	**SEQ**

Table 1
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Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (a) (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (b) (Feet)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-5	10/12/1993	7.69	6.01	---	1.68	---	---	---	---	---	---	---	(k)	---	---	---	PACE
MW-5	10/13/1993	7.69	---	---	---	2300	---	160	10	ND<0.5	26	---	(k)	---	---	---	PACE
MW-5	2/15/1994	7.69	5.74	---	1.95	5100	---	710	16	33	35	153	(d)(k)	---	---	4.0	PACE
MW-5	5/11/1994	7.69	5.28	---	2.41	11000	---	1100	39	110	57	165	(d)(k)	---	---	8.0	PACE
MW-5	8/1/1994	7.69	5.84	---	1.85	9000	---	730	35	61	41	196	(d)(k)	---	---	2.6	PACE
MW-5	10/18/1994	7.69	6.01	---	1.68	7800	---	330	30	27	27	559	(k)	---	---	5.6	PACE
MW-5	1/13/1995	7.69	4.74	---	2.95	ND<500	---	290	6	ND<5	18	---		---	---	6 8	ATI
MW-5	4/13/1995	7.69	5.50	---	2.19	9100	---	400	15	52	27	---		---	---	7.4	ATI
MW-5	7/11/1995	7.69	5.75	---	1.94	7300	---	390	13	28	23	---		---	---	7.2	ATI
MW-5	11/3/1995	7.69	6.65	---	1.04	7200	---	270	15	38	23	200		---	---	8.4	ATI
MW-5	2/5/1996	7.69	4.83	---	2.86	4600	---	370	15	53	28	ND<50		---	---	1.9	SPL
MW-5	4/24/1996	7.69	6.09	---	1.60	3000	---	180	ND<10	32	14	ND<100		---	---	8.1	SPL
MW-5	7/15/1996	7.69	6.57	---	1.12	---	---	---	---	---	---	---		---	---	---	---
MW-5	7/16/1996	7.69	---	---	---	ND<50	---	190	ND<10	31	16	ND<100		---	---	8.3	SPL
MW-5	7/30/1996	7.69	5.61	---	2.08	---	---	---	---	---	---	---		---	---	---	---
MW-5	8/12/1996	7.69	---	---	---	2000	---	150	12	25	18.2	ND<50		---	---	7.6	SPL
MW-5	11/4/1996	7.69	8.25	---	-0.56	---	---	---	---	---	---	---		---	---	---	---
MW-5	11/5/1996	7.69	---	---	---	5200	---	42	5.5	13	ND<5.0	1700		---	---	7.4	SPL
MW-5	5/17/1997	7.69	6.95	---	0.74	80	---	0.56	ND<1.0	ND<1.0	ND<1.0	46		---	---	6.7	SPL
MW-5	8/11/1997	7.69	6.72	---	0.97	2700	---	20	12	6.7	9.7	1900		---	---	8.5	SPL
MW-5	11/17/1997	7.69	9.49	---	-1.80	8400	---	25	12	8.7	5.4	13000		---	---	7.9	SPL
MW-5	1/29/1998	7.69	7.88	---	-0.19	110000	---	2500	110	180	589	180000		---	---	6.8	SPL
MW-5	6/22/1998	7.69	7.40	---	0.29	4400	---	47	10	29	20.5	47		---	---	6.6	SPL
MW-5	12/30/1998	7.69	6.13	---	1.56	6000	---	18	9.1	22	16	63/44	(f)	---	---	---	SPL
MW-5	3/9/1999	7.69	4.79	---	2.90	4600	---	8.8	5.5	12	11	24		---	---	---	SPL
MW-5	6/23/1999	7.69	5.95	---	1.74	3400	---	1500	8.9	54	87	7500		---	---	---	SPL
MW-5	9/23/1999	7.69	5.43	---	2.26	2600	---	510	14	140	650	580		---	---	---	SPL
MW-5	12/28/1999	7.69	5.30	---	2.39	3500	---	900	18	57	140	4800		---	---	---	PACE
MW-5 (h)	3/22/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	5/26/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	9/6/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	9/15/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	12/11/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	3/29/2001	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (j)	6/27/2001	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (j)	9/19/2001	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5	12/28/2001	7.69	4.65	---	3.04	4600	---	19.9	24.6	16.2	57	72.3		---	---	---	PACE
MW-5	3/12/2002	7.69	5.35	---	2.34	5100	---	45.4	13.7	22	38.9	31.6		---	---	---	PACE
MW-5	6/13/2002	7.69	5.34	---	2.35	2900	---	31.8	ND<12.5	ND<12.5	ND<25	616		---	---	---	PACE
MW-5	9/6/2002	7.69	5.46	---	2.23	3400	---	23	5.5	ND<5.0	11	230		---	---	---	SEQ
MW-5 (o)	12/13/2002	7.69	5.47	---	2.22	2500	---	12	9.3	4.6	8.8	110		---	---	---	SEQ
MW-5 (p)	2/19/2003	7.69	5.29	---	2.40	2800	---	11	5.4	9.7	12	6.4		---	---	---	SEQ
MW-5	6/6/2003	7.69	5.30	---	2.39	3200	---	9.1	ND<5.0	7.6	9.3	ND<5.0		---	---	---	SEQ
MW-5	8/7/2003	7.69	5.33	---	2.36	2200	---	7.3	ND<5.0	ND<5.0	9.1	18		---	---	---	SEQ
MW-5	11/20/2003	7.69	5.39	---	2.30	3500	---	12	5.4	6.4	12	12		---	---	---	SEQ
MW-5	**2/5/2004**	**7.69**	**5.34**	**Sheen**	**2.35**	**2800**	**---**	**7.0**	**3.5**	**5.2**	**8.2**	**ND<2.5**		**---**	**---**	**---**	**SEQ**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet) (a)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet) (b)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-6	10/12/1993	8.52	6.59	---	1.93	63	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	44.4	(k)	---	---	---	PACE
MW-6	2/15/1994	8.52	6.31	---	2.21	68	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	38.1	(d)(k)	---	---	3.1	PACE
MW-6	5/11/1994	8.52	6.15	---	2.37	68	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	48.5	(d)(k)	---	---	8.7	PACE
MW-6	8/1/1994	8.52	6.46	---	2.06	91	---	ND<0.5	ND<0.5	ND<0.5	0.6	59.6	(k)	---	---	2.4	PACE
MW-6	10/18/1994	8.52	6.72	---	1.80	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	84.6	(k)	---	---	6.0	PACE
MW-6	1/13/1995	8.52	5.95	---	2.57	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---		---	---	7.0	ATI
MW-6	4/13/1995	8.52	5.44	---	3.08	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---		---	---	8.5	ATI
MW-6	7/11/1995	8.52	5.68	---	2.84	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---		---	---	8.4	ATI
MW-6	11/2/1995	8.52	6.57	---	1.95	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	35		---	---	8.3	ATI
MW-6	2/5/1996	8.52	6.27	---	2.25	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100		---	---	2.2	SPL
MW-6	4/24/1996	8.52	5.95	---	2.57	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	62		---	---	8.0	SPL
MW-6	7/15/1996	8.52	6.39	---	2.13	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	ND<50		---	---	8.0	SPL
MW-6	7/30/1996	8.52	6.44	---	2.08	---	---	---	---	---	---	---		---	---	---	---
MW-6	11/4/1996	8.52	8.05	---	0.47	---	---	---	---	---	---	---		---	---	---	---
MW-6	11/5/1996	8.52	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	7.3	SPL
MW-6	5/17/1997	8.52	6.75	---	1.77	---	---	---	---	---	---	---		---	---	---	---
MW-6	8/11/1997	8.52	6.48	---	2.04	---	---	---	---	---	---	---		---	---	---	---
MW-6	11/17/1997	8.52	9.27	---	-0.75	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	7.7	SPL
MW-6	1/29/1998	8.52	7.98	---	0.54	---	---	---	---	---	---	---		---	---	---	---
MW-6	6/22/1998	8.52	7.68	---	0.84	---	---	---	---	---	---	---		---	---	---	---
MW-6	12/30/1998	8.52	6.98	---	1.54	---	---	---	---	---	---	---		---	---	---	---
MW-6	3/9/1999	8.52	5.90	---	2.62	---	---	---	---	---	---	---		---	---	---	---
MW-6	6/23/1999	8.52	6.93	---	1.59	---	---	---	---	---	---	---		---	---	---	---
MW-6	9/23/1999	8.52	6.45	---	2.07	---	---	---	---	---	---	---		---	---	---	---
MW-6	12/28/1999	8.52	6.33	---	2.19	---	---	---	---	---	---	---		---	---	---	---
MW-6	3/22/2000	8.52	5.15	---	3.37	---	---	---	---	---	---	---		---	---	---	---
MW-6	5/26/2000	8.52	5.72	---	2.80	---	---	---	---	---	---	---		---	---	---	---
MW-6	9/15/2000	8.52	6.02	---	2.50	---	---	---	---	---	---	---		---	---	---	---
MW-6	12/11/2000	8.52	6.20	---	2.32	---	---	---	---	---	---	---		---	---	---	---
MW-6	3/29/2001	8.52	5.34	---	3.18	750	---	ND<2.5	2.91	ND<2.5	11.8	820		---	---	---	PACE
MW-6	6/27/2001	8.52	6.00	---	2.52	760	---	32.9	ND<2.5	ND<2.5	ND<7.5	968		---	---	---	PACE
MW-6	9/19/2001	8.52	6.22	---	2.30	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<15	879		---	---	---	PACE
MW-6 (n)	12/28/2001	8.52	4.71	---	3.81	---	---	---	---	---	---	---		---	---	---	---
MW-6	3/12/2002	8.52	4.96	---	3.56	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<10	244		---	---	---	PACE
MW-6	6/13/2002*	8.52	5.78	---	2.74	ND<250	---	ND<2.5	ND<2.5	ND<2.5	ND<5.0	413		---	---	---	PACE
MW-6	9/6/2002	8.52	6.14	---	2.38	130	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	240		---	---	---	SEQ
MW-6 (o)	12/13/2002	8.52	6.05	---	2.47	140	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	200		---	---	---	SEQ
MW-6 (p)	2/19/2003	8.52	5.40	---	3.12	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	150		---	---	---	SEQ
MW-6	6/6/2003	8.52	5.54	---	2.98	1100	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	140		---	---	---	SEQ
MW-6	8/7/2003	8.52	5.94	---	2.58	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	160		---	---	---	SEQ
MW-6	11/20/2003	8.52	5.85	---	2.67	95	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	74		---	---	---	SEQ
MW-6	**2/5/2004**	**8.52**	**5.86**	**Sheen**	**2.66**	**ND<250**	**---**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**76**		**---**	**---**	**---**	**SEQ**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet) (a)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet) (b)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-7	10/12/1993	7.61	6.14	—	1.47	ND<50	—	ND<0 5	ND<0.5	ND<0.5	0.7	ND<5.0 (k)	—	—	—	PACE
MW-7	2/15/1994	7.61	5.88	—	1.73	78	—	ND<0.5	ND<0.5	ND<0.5	0.6	ND<5.0 (k)	—	—	4.0	PACE
MW-7	5/11/1994	7.61	5.76	—	1.85	70	—	ND<0.5	ND<0.5	ND<0.5	0.9	11.5 (k)	—	—	9.1	PACE
MW-7	8/1/1994	7.61	5.97	—	1.64	77	—	ND<0.5	ND<0.5	ND<0.5	0.5	182 (k)	—	—	2.5	PACE
MW-7	10/18/1994	7.61	6.24	—	1.37	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	51.7 (k)	—	—	6.3	PACE
MW-7	1/13/1995	7.61	5.39	—	2.22	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	—	8.2	ATI
MW-7	4/13/1995	7.61	5.17	—	2.44	63	—	ND<0.5	ND<0.5	ND<0.5	1.4	—	—	—	8.4	ATI
MW-7	7/11/1995	7.61	5.25	—	2.36	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	7.9	ATI
MW-7	11/2/1995	7.61	6.19	—	1.42	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	55	—	—	8.0	ATI
MW-7	2/5/1996	7.61	5.69	—	1.92	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	40	—	—	1.9	SPL
MW-7	4/24/1996	7.61	5.59	—	2.02	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	53	—	—	8.2	SPL
MW-7	7/15/1996	7.61	6 07	—	1.54	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	ND<50	—	—	7.8	SPL
MW-7	7/30/1996	7.61	6.04	—	1.57	—	—	—	—	—	—	—	—	—	—	—
MW-7	11/4/1996	7.61	7.76	—	-0.15	—	—	—	—	—	—	—	—	—	—	—
MW-7	11/5/1996	7.61	—	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	—	7 8	SPL
MW-7	5/17/1997	7.61	6.42	—	1.19	—	—	—	—	—	—	—	—	—	—	—
MW-7	8/11/1997	7.61	6.06	—	1.55	—	—	—	—	—	—	—	—	—	—	—
MW-7	11/17/1997	7.61	9.07	—	-1.46	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	—	7.1	SPL
MW-7	1/29/1998	7.61	7.44	—	0.17	—	—	—	—	—	—	—	—	—	—	—
MW-7	6/22/1998	7.61	7.39	—	0.22	—	—	—	—	—	—	—	—	—	—	—
MW-7	12/30/1998	7.61	5.51	—	2.10	—	—	—	—	—	—	—	—	—	—	—
MW-7	3/9/1999	7.61	5.57	—	2.04	—	—	—	—	—	—	—	—	—	—	—
MW-7	6/23/1999	7.61	6.69	—	0.92	—	—	—	—	—	—	—	—	—	—	—
MW-7	9/23/1999	7.61	6.23	—	1.38	—	—	—	—	—	—	—	—	—	—	—
MW-7	12/28/1999	7.61	6.08	—	1.53	—	—	—	—	—	—	—	—	—	—	—
MW-7	3/22/2000	7.61	4.88	—	2.73	—	—	—	—	—	—	—	—	—	—	—
MW-7	5/26/2000	7.61	5.42	—	2.19	—	—	—	—	—	—	—	—	—	—	—
MW-7	9/15/2000	7.61	5.79	—	1.82	—	—	—	—	—	—	—	—	—	—	—
MW-7	12/11/2000	7.61	5.93	—	1.68	—	—	—	—	—	—	—	—	—	—	—
MW-7	3/29/2001	7.61	5.24	—	2.37	600	—	ND<2.5	ND<2.5	ND<2.5	ND<7.5	636	—	—	—	PACE
MW-7	6/27/2001	7.61	5.69	—	1.92	590	—	ND<2.5	ND<2.5	ND<2.5	ND<7.5	739	—	—	—	PACE
MW-7	9/19/2001	7.61	5.89	—	1.72	560	—	ND<5.0	ND<5.0	ND<5.0	ND<15	1190	—	—	—	PACE
MW-7	12/28/2001	7.61	4.53	—	3.08	910	—	22.7	ND<2.5	ND<2.5	ND<5.0	856	—	—	—	PACE
MW-7	3/12/2002	7.61	4.71	—	2.90	620	—	ND<2.5	ND<2.5	ND<2.5	ND<5.0	675	—	—	—	PACE
MW-7	6/13/2002*	7.61	5.21	—	2.40	860	—	ND<2.5	ND<2.5	ND<2.5	ND<5.0	1470	—	—	—	PACE
MW-7	9/6/2002	7.61	5.77	—	1.84	350	—	ND<2.5	ND<2.5	ND<2.5	ND<2.5	690	—	—	—	SEQ
MW-7 (o)	12/13/2002	7.61	5.65	—	1.96	1300	—	ND<10	ND<10	ND<10	ND<10	1800	—	—	—	SEQ
MW-7 (p)	2/19/2003	7.61	5.07	—	2.54	1700	—	ND<10	ND<10	ND<10	ND<10	1600	—	—	—	SEQ
MW-7	6/6/2003	7.61	5.27	—	2 34	1000	—	ND<5.0	ND<5.0	ND<5.0	ND<5.0	510	—	—	—	SEQ
MW-7	8/7/2003	7.61	5.52	—	2.09	510	—	ND<5.0	ND<5.0	ND<5.0	ND<5.0	520	—	—	—	SEQ
MW-7	11/20/2003	7.61	5.79	—	1.82	330	—	ND<2.5	ND<2.5	ND<2.5	ND<2.5	270	—	—	—	SEQ
MW-7	**2/5/2004**	**7.61**	**5.48**	**—**	**2.13**	**470**	**(s) —**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**270**	**—**	**—**	**—**	**SEQ**

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

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	(a) DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	(b) GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-8	10/12/1993	8.60	5.86	---	2.74	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11.1	(k)	---	---	---	PACE
MW-8	2/15/1994	8.60	5.50	---	3.10	380	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	---	3.3	PACE
MW-8	5/11/1994	8.60	5.09	---	3.51	330	---	ND<0.5	1.2	ND<0.5	1.9	ND<5.0	(k)	---	---	8.5	PACE
MW-8	8/1/1994	8.60	5.20	---	3.40	260	---	ND<0.5	1.2	2.9	5.8	ND<5.0	(k)	---	---	2.3	PACE
MW-8	10/18/1994	8.60	5.70	---	2.90	82	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	---	6.4	PACE
MW-8	1/13/1995	8.60	4.96	---	3.64	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---		---	---	6.9	ATI
MW-8	4/13/1995	8.60	5.40	---	3.20	270	---	ND<0.5	ND<0.5	ND<0.5	4.4	---		---	---	8.4	ATI
MW-8	7/11/1995	8.60	6.01	---	2.59	320	---	ND<0.50	ND<0.50	ND<0.50	3.5	---		---	---	8.0	ATI
MW-8	11/2/1995	8.60	6.81	---	1.79	100	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		---	---	8.7	ATI
MW-8	2/5/1996	8.60	6.12	---	2.48	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100		---	---	1.5	SPL
MW-8	4/24/1996	8.60	6.23	---	2.37	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100		---	---	8.7	SPL
MW-8	7/15/1996	8.60	6.70	---	1.90	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	ND<50		---	---	8.4	SPL
MW-8	7/30/1996	8.60	6.64	---	1.96	---	---	---	---	---	---	---		---	---	---	---
MW-8	11/4/1996	8.60	8.36	---	0.24	---	---	---	---	---	---	---		---	---	---	---
MW-8	11/5/1996	8.60	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	7.2	SPL
MW-8	5/17/1997	8.60	7.03	---	1.57	---	---	---	---	---	---	---		---	---	---	---
MW-8	8/11/1997	8.60	6.05	---	2.55	---	---	---	---	---	---	---		---	---	---	---
MW-8	11/17/1997	8.60	9.14	---	-0.54	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	7.7	SPL
MW-8	1/29/1998	8.60	7.90	---	0.70	---	---	---	---	---	---	---		---	---	---	---
MW-8	6/22/1998	8.60	7.72	---	0.88	---	---	---	---	---	---	---		---	---	---	---
MW-8 (h)	12/30/1998	8.60	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-8 (h)	3/9/1999	8.60	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-8	6/23/1999	8.60	4.70	---	3.90	---	---	---	---	---	---	---		---	---	---	---
MW-8	9/23/1999	8.60	4.22	---	4.38	---	---	---	---	---	---	---		---	---	---	---
MW-8	12/28/1999	8.60	4.12	---	4.48	---	---	---	---	---	---	---		---	---	---	---
MW-8	3/22/2000	8.60	4.71	---	3.89	---	---	---	---	---	---	---		---	---	---	---
MW-8	5/26/2000	8.60	4.98	---	3.62	---	---	---	---	---	---	---		---	---	---	---
MW-8	9/15/2000	8.60	4.62	---	3.98	---	---	---	---	---	---	---		---	---	---	---
MW-8	12/11/2000	8.60	4.77	---	3.83	---	---	---	---	---	---	---		---	---	---	---
MW-8 (h)	3/29/2001	8.60	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-8	6/27/2001	8.60	5.11	---	3.49	570	---	ND<2.5	ND<2.5	2.58	ND<7.5	3.43		---	---	---	PACE
MW-8	9/19/2001	8.60	5.00	---	3.60	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<15	ND<5.0		---	---	---	PACE
MW-8	12/28/2001	8.60	4.15	---	4.45	440	---	ND<0.5	ND<0 5	0.975	ND<1.0	6.27		---	---	---	PACE
MW-8	3/12/2002	8.60	4.35	---	4.25	330	---	ND<2.5	ND<2.5	ND<2.5	ND<5.0	8.69		---	---	---	PACE
MW-8	6/13/2002*	8.60	5.09	---	3.51	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<10	16.4		---	---	---	PACE
MW-8	9/6/2002	8 60	5.18	---	3.42	98	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	76		---	---	---	SEQ
MW-8 (o)	12/13/2002	8.60	4.84	---	3.76	120	---	ND<0.5	ND<0.5	0.94	0.52	140		---	---	---	SEQ
MW-8 (p)	2/19/2003	8.60	4.45	---	4.15	ND<2500	---	ND<25	ND<25	ND<25	ND<25	800		---	---	---	SEQ
MW-8	6/6/2003	8.60	5.00	---	3.60	ND<50000	---	ND<500	ND<500	ND<500	ND<500	17000		---	---	---	SEQ
MW-8	8/7/2003	8.60	4.84	---	3.76	ND<2500	---	ND<25	ND<25	ND<25	ND<25	2400		---	---	---	SEQ
MW-8	11/20/2003	8.60	4.48	---	4.12	ND<2500	---	ND<25	ND<25	ND<25	ND<25	1400		---	---	---	SEQ
MW-8	**2/5/2004**	**8.60**	**4.62**	**---**	**3.98**	**3200**	**(s)**	**---**	**ND<25**	**ND<25**	**ND<25**	**ND<25**	**1600**	**---**	**---**	**---**	**SEQ**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet) (a)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet) (b)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW-9	10/12/1993	8.08	5.66	0.08	2.48	—	—	—	—	—	—	—	—	—	—	—
MW-9	2/15/1994	8.08	5.32	0.05	2.80	—	—	—	—	—	—	—	—	—	—	—
MW-9	5/11/1994	8.08	5.57	—	2.51	—	—	—	—	—	—	—	—	—	—	—
MW-9	8/1/1994	8.08	6.25	—	1.83	—	—	—	—	—	—	—	—	—	—	—
MW-9	10/18/1994	8.08	5.59	0.13	2.59	—	—	—	—	—	—	—	—	—	—	—
MW-9	1/13/1995	8.08	4.42	0.14	3.77	—	—	—	—	—	—	—	—	—	—	—
MW-9	4/13/1995	8.08	4.06	0.11	4.10	—	—	—	—	—	—	—	—	—	—	—
MW-9	7/11/1995	8.08	4.21	0.08	3.93	—	—	—	—	—	—	—	—	—	—	—
MW-9	11/2/1995	8.08	5.22	0.05	2.90	—	—	—	—	—	—	—	—	—	—	—
MW-9	2/5/1996	8.08	4.76	0.01	3.33	—	—	—	—	—	—	—	—	—	—	—
MW-9	4/24/1996	8.08	4.62	0.09	3.53	—	—	—	—	—	—	—	—	—	—	—
MW-9	7/15/1996	8.08	5.11	0.04	3.00	—	—	—	—	—	—	—	—	—	—	—
MW-9	7/30/1996	8.08	5.15	—	2.93	—	—	—	—	—	—	—	—	—	—	—
MW-9	11/4/1996	8.08	6.75	0.01	1.34	—	—	—	—	—	—	—	—	—	—	—
MW-9	5/17/1997	8.08	5.42	—	2.66	97000	—	16000	7700	2300	18400	40000	—	—	7.0	SPL
QC-1 (e)	5/17/1997	—	—	—	—	97000	—	16000	8200	2300	17300	39000	—	—	—	SPL
MW-9	8/11/1997	8.08	5.37	—	2.71	71000	—	12000	340	2100	4300	26000	—	—	9 1	SPL
QC-1 (e)	8/11/1997	—	—	—	—	100000	—	14000	360	3200	5790	27000	—	—	—	SPL
MW-9	11/17/1997	8.08	5.62	Sheen	2.46	100000	—	22000	4800	3100	17900	32000	—	—	8.3	SPL
QC-1 (e)	11/17/1997	—	—	—	—	100000	—	24000	5300	3500	19300	35000	—	—	—	SPL
MW-9	1/29/1998	8.08	4.07	Sheen	4.01	250000	—	20000	21000	3100	18500	110000	—	—	6.6	SPL
QC-1 (e)	1/29/1998	—	—	—	—	250000	—	20000	20000	3100	18400	110000	—	—	—	SPL
MW-9	6/22/1998	8.08	4.28	—	3.80	280000	—	21000	18000	3800	21200	110000	—	—	5.8	SPL
QC-1 (e)	6/22/1998	—	—	—	—	290000	—	20000	17000	3800	21200	110000	—	—	—	SPL
MW-9	12/30/1998	8.08	4.95	—	3.13	150000	—	10000	3800	2000	9600	86000/89000 (f)	—	—	—	SPL
MW-9	3/9/1999	8.08	3.95	—	4.13	82000	—	6800	570	1400	4700	100000	—	—	—	SPL
MW-9	6/23/1999	8.08	5.12	—	2.96	41000	—	11000	820	2300	5200	92000	—	—	—	SPL
MW-9	9/23/1999	8.08	4.74	—	3.34	57000	—	12000	5400	1900	9500	89000	—	—	—	SPL
MW-9	12/28/1999	8.08	4.58	—	3.50	46000	—	15000	490	2500	3500	100000	—	—	—	PACE
MW-9	3/22/2000	8.08	3.90	—	4.18	86000	—	18000	1800	2300	6800	120000	—	—	—	PACE
MW-9	5/26/2000	8.08	4.15	—	3.93	82000	—	17000	680	1800	3800	100000	—	—	—	PACE
MW-9	9/6/2000	8.08	4.47	—	3.61	100000	—	19000	280	2400	6400	84000	—	—	—	PACE
MW-9	9/15/2000	8.08	4.34	—	3.74	—	—	—	—	—	—	—	—	—	—	—
MW-9	12/11/2000	8.08	4 41	—	3.67	110000	—	14400	768	2610	6670	123000	—	—	—	PACE
MW-9 (h)	3/29/2001	8.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (m)	6/26/2001	8.08	5.03	0 13	3.15 (l)	—	—	—	—	—	—	—	—	—	—	—
MW-9 (m)	9/19/2001	8.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9	12/28/2001	8.08	3.73	—	4.35	110000	—	15000	1500	2280	5530	60900	—	—	—	PACE
MW-9	3/12/2002	8.08	4.93	—	3.15	88000	—	12500	2600	2800	8950	44000	—	—	—	PACE
MW-9	6/13/2002*	8.08	4.13	—	3.95	59000	—	9870	161	2560	5560	35600	—	—	—	PACE
MW-9	9/6/2002	8.08	4.39	—	3.69	47000	—	10000	ND<100	2100	4600	31000	—	—	—	SEQ
MW-9 (o)	12/13/2002	8.08	3.97	—	4.11	57000	—	11000	1000	2300	5800	28000	—	—	—	SEQ
MW-9 (p)	2/19/2003	8.08	3.25	—	4.83	76000	—	10000	2100	3000	8900	11000	—	—	—	SEQ
MW-9	6/6/2003	8.08	3.94	—	4 14	66000	—	9000	ND<500	2500	4400	17000	—	—	—	SEQ
MW-9	8/7/2003	8.08	3.92	Sheen	4.16	53000	—	7600	ND<250	2600	4700	17000	—	—	—	SEQ
MW-9	11/20/2003	8.08	4.89	—	3.19	40000	—	6800	ND<250	860	1100	16000	—	—	—	SEQ
MW-9	**2/5/2004**	**8.08**	**3.70**	**Sheen**	**4.38**	**50000** (s)	—	**7000**	**ND<250**	**1900**	**3800**	**12000**	—	—	—	**SEQ**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet) (a)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet) (b)	GRO/TPH-G (ug/L)	DRO/TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
QC-2 (g)	11/5/1992	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2 (g)	10/12/1993	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2 (g)	2/15/1994	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2 (g)	5/11/1994	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2 (g)	8/1/1994	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2 (g)	10/18/1994	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2 (g)	1/13/1995	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	—	—	ATI
QC-2 (g)	4/13/1995	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	—	—	ATI
QC-2 (g)	7/11/1995	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	—	ATI
QC-2 (g)	11/2/1995	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	—	—	—	ATI
QC-2 (g)	2/5/1996	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL
QC-2 (g)	4/24/1996	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL
QC-2 (g)	7/16/1996	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

ABBREVIATIONS:

GRO	Gasoline Range Organics, C6-C10 range
TPH-G	Total petroleum hydrocarbons as gasoline
DRO	Diesel Range Organics, C10-C28 range
TPH-D	Total petroleum hydrocarbons as diesel
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl tert butyl ether
TOG	Total oil and grease
HVOC	Halogenated volatile organic compounds
DO	Dissolved oxygen
ug/L	Micrograms per liter
ppm	Parts per million
ND<	Not detected at or 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.

(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) Beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPH-g) has been changed to Gasoline Range Organics (GRO).

(s) Discrete peak @ C5.

* During the second quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP.

Source:

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

Table 2
Fuel Oxygenate Analytical Data
Former BP Service Station #11126
1700 Powell Street, 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)
MW-1	06/06/03	ND<5,000	ND<1,000	1,400	ND<25	ND<25	ND<25	NA	NA
	08/07/03	ND<1,000	560	920	ND<5.0	ND<5.0	12	ND<5.0	ND<5.0
	11/20/03	1800 (a)	ND<200	250	ND<5.0	ND<5.0	ND<5.0	NA	NA
	02/05/04	**ND<5,000**	**18,000**	**460**	**ND<25**	**ND<25**	**ND<25**	**ND<25**	**ND<25**
MW-2	06/06/03	ND<200,000	ND<40,000	72,000	ND<1,000	ND<1,000	1,300	NA	NA
	08/07/03	ND<100,000	45,000	83,000	ND<500	ND<500	1,300	ND<500	ND<500
	11/20/03	ND<20,000	48,000	18,000	ND<100	ND<100	200	NA	NA
	02/05/04	**ND<50,000**	**54,000**	**22,000**	**ND<250**	**ND<250**	**ND<250**	**ND<250**	**ND<250**
MW-3	06/06/03	ND<1,000	ND<200	180	ND<5.0	ND<5.0	16	NA	NA
	08/07/03	ND<1,000	ND<200	290	ND<5.0	ND<5.0	20	ND<5.0	ND<5.0
	11/20/03	ND<100	ND<20	17	ND<0.50	ND<0.50	1.4	NA	NA
	02/05/04	***ND<100***	**32**	**12**	**ND<0.50**	**ND<0.50**	**0.90**	**ND<0.50**	**ND<0.50**
MW-4	06/06/03	ND<10,000	2,500	6,800	ND<50	ND<50	190	NA	NA
	08/07/03	ND<10,000	2,400	6,600	ND<50	ND<50	160	ND<50	ND<50
	11/20/03	ND<20,000	ND<4,000	11,000	ND<100	ND<100	310	NA	NA
	02/05/04	**ND<5,000**	**10,000**	**4,700**	**ND<25**	**ND<25**	**110**	**ND<25**	**ND<25**
MW-5	06/06/03	ND<1,000	ND<200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	NA
	08/07/03	ND<1,000	ND<200	18	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
	11/20/03	ND<500	ND<100	12	ND<2.5	ND<2.5	ND<2.5	NA	NA
	02/05/04	**ND<500**	**ND<100**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**
MW-6	06/06/03	ND<1,000	ND<200	140	ND<5.0	ND<5.0	21	NA	NA
	08/07/03	ND<1,000	ND<200	160	ND<5.0	ND<5.0	20	ND<5.0	ND<5.0
	11/20/03	ND<100	ND<20	74	ND<0.50	ND<0.50	12	NA	NA
	02/05/04	**ND<500**	**ND<100**	**76**	**ND<2.5**	**ND<2.5**	**10**	**ND<2.5**	**ND<2.5**
MW-7	*06/06/03*	*ND<1,000*	*ND<200*	*510*	*ND<5.0*	*ND<5.0*	41	NA	NA
	08/07/03	ND<1,000	ND<200	520	ND<5.0	ND<5.0	43	ND<5.0	ND<5.0
	11/20/03	ND<500 (b)	1,300	270	ND<2.5	ND<2.5	8.9	NA	NA
	02/05/04	**ND<500**	**740**	**270**	**ND<2.5**	**ND<2.5**	**7.7**	**ND<2.5**	**ND<2.5**
MW-8	06/06/03	ND<100,000	ND<20,000	17,000	ND<500	ND<500	ND<500	NA	NA
	08/07/03	ND<5,000	ND<1,000	2,400	ND<25	ND<25	44	ND<25	ND<25
	11/20/03	ND<5,000 (b)	4,100	1,400	ND<25	ND<25	ND<25	NA	NA
	02/05/04	**ND<5,000**	**24,000**	**1,600**	**ND<25**	**ND<25**	**ND<25**	**ND<25**	**ND<25**
MW-9	06/06/03	ND<100,000	ND<20,000	17,000	ND<500	ND<500	ND<500	NA	NA
	08/07/03	ND<50,000	ND<10,000	17,000	ND<250	ND<250	350	ND<250	ND<250
	11/20/03	ND<50,000	12,000	16,000	ND<250	ND<250	ND<250	NA	NA
	02/05/04	**ND<50,000**	**ND<10,000**	**12,000**	**ND<250**	**ND<250**	**280**	**ND<250**	**ND<250**

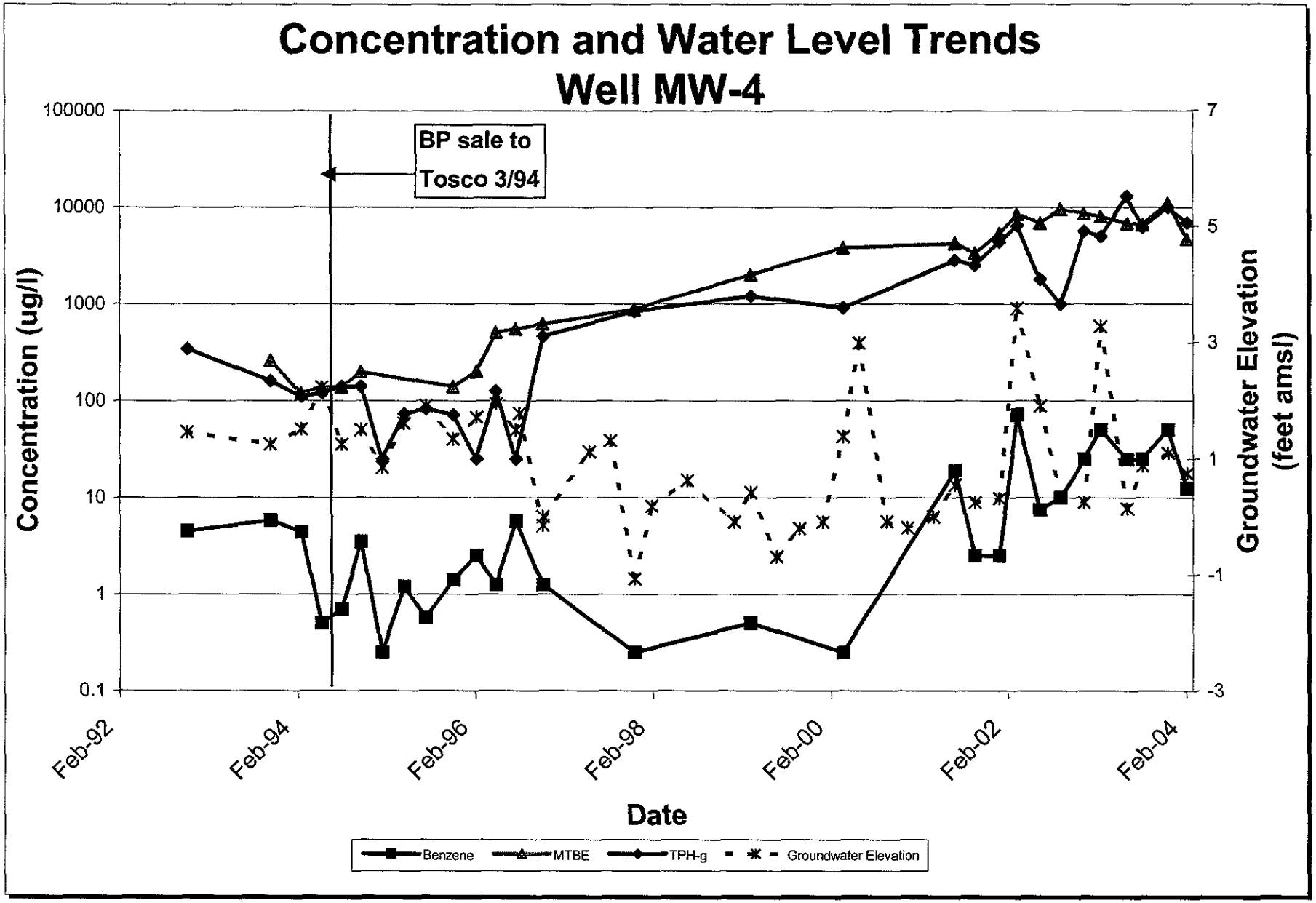
Table 2
Fuel Oxygenate Analytical Data
Former BP Service Station #11126
1700 Powell Street, Emeryville, CA

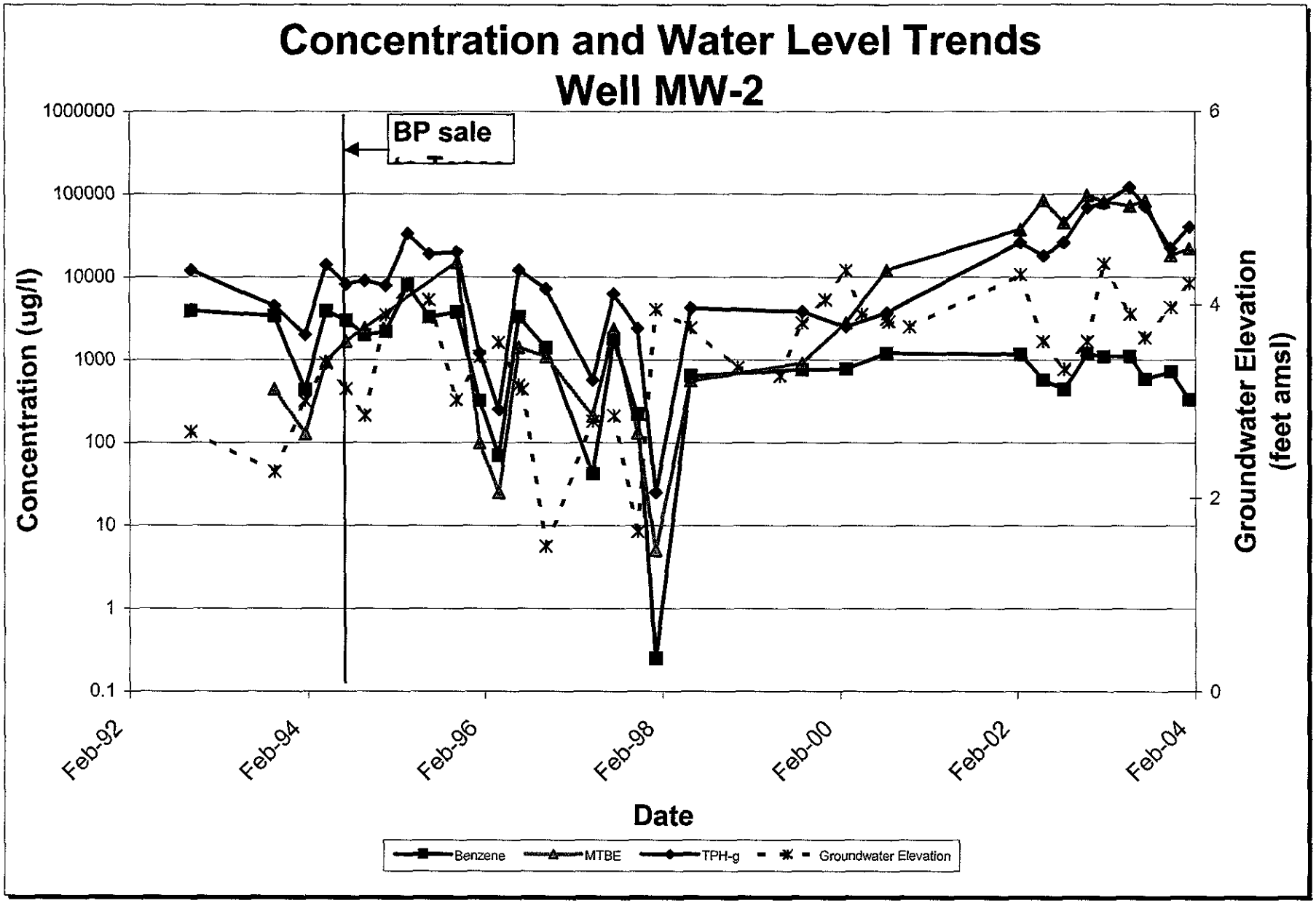
Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)

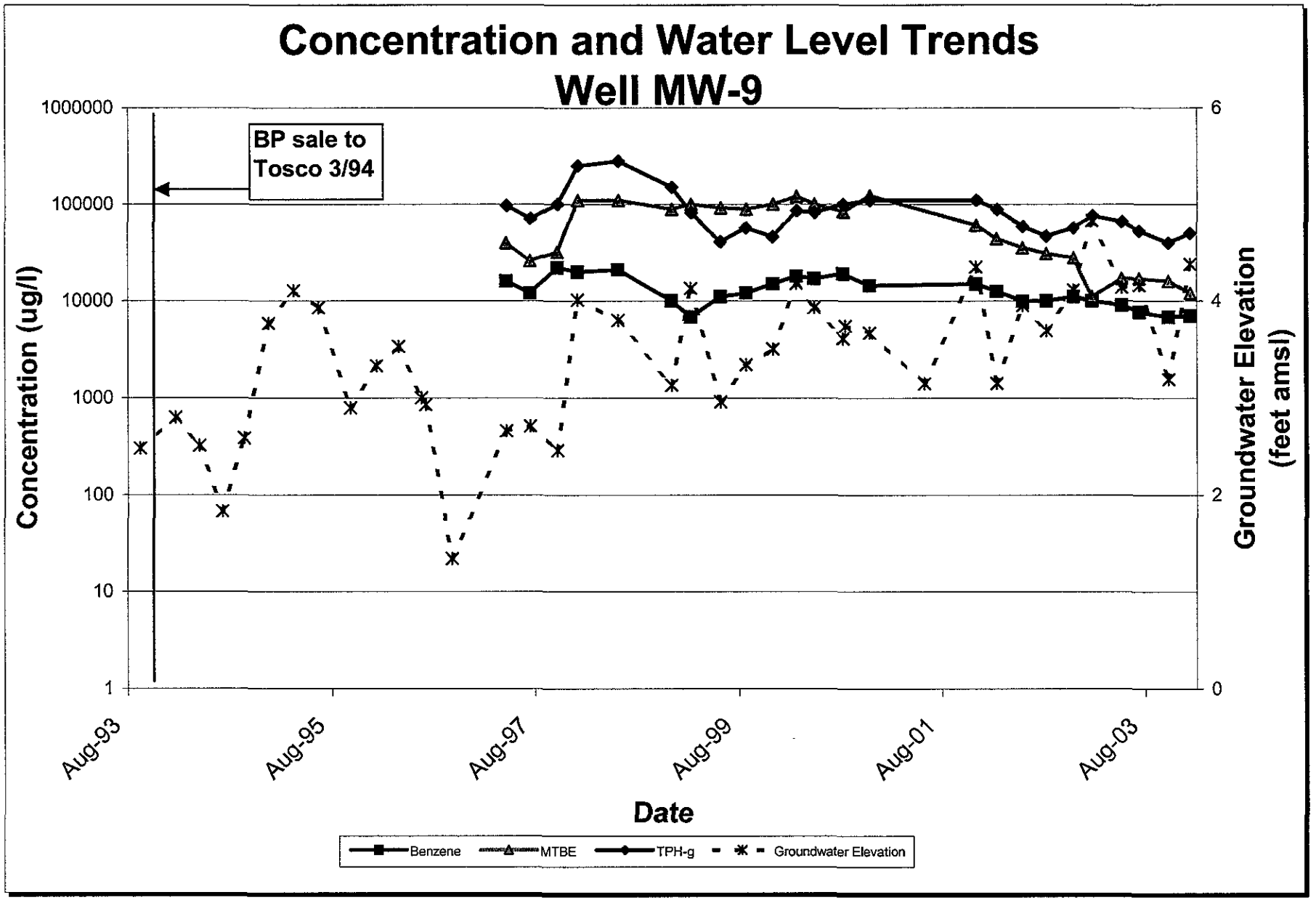
Note:	All fuel oxygenate compounds analyzed using EPA Method 8260B
TBA	= tert-Butyl alcohol
MTBE	= Methyl tert-butyl ether
DIPE	= Di-isopropyl ether
ETBE	= Ethyl tert butyl ether
TAME	= tert-Amyl methyl ether
1,2-DCA	= 1,2-Dibromoethane
EDB	= 1,2-Dichloroethane
µg/L	= micrograms per liter
ND<	= Not detected at or above the laboratory reporting limit.
NA	= Data not analyzed.
(a)	= Confirmatory analysis was past holding time
(b)	= The continuing calibration verification was outide of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.

ATTACHMENT A

CONCENTRATION AND WATER LEVEL TRENDS (MW-4, MW-2, AND MW-9)


Concentration and Water Level Trends
Well MW-4
BP sale to
Tosco 3/94
Concentration (ug/l)
Groundwater Elevation
(feet amsl)
100000
10000
1000
100
10
1
0.1
7
5
3
1
-1
-3
Feb-92
Feb-94
Feb-96
Feb-98
Feb-00
Feb-02
Feb-04
Date
Benzene
MTBE
TPH-g
Groundwater Elevation


Concentration and Water Level Trends
Well MW-2
BP sale
Concentration (ug/l)
1000000
100000
10000
1000
100
10
1
0.1
Groundwater Elevation (feet amsl)
6
4
2
0
Feb-92
Feb-94
Feb-96
Feb-98
Feb-00
Feb-02
Feb-04
Date
Benzene
MTBE
TPH-g
Groundwater Elevation


Concentration and Water Level Trends
Well MW-9
BP sale to Tosco 3/94
Concentration (ug/l)
Groundwater Elevation (feet amsl)
1000000
100000
10000
1000
100
10
1
6
4
2
0
Aug-93
Aug-95
Aug-97
Aug-99
Aug-01
Aug-03
Date
Benzene
MTBE
TPH-g
Groundwater Elevation

ATTACHMENT B

FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe. Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

WELL GAUGING DATA

Project # 040205-DA1 Date 2/5/04 Client 11126

Site 1700 Powell St. Emeryville, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2					3.42	11.25	TOC	
MW-2	2	O				4.34	11.89		
MW-3	2					5.17	11.64		
MW-4	2					7.37	10.62		
MW-5	2					5.34	12.66		
MW-6	2					5.86	12.72		
MW-7	2					5.48	13.65		
MW-8	2					4.62	13.79		
MW-9	4	O				3.70	13.94		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040205-DA1	Station # 1700 Powell St. Emeryville, CA
Sampler: DA	Date: 2/5/04
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 11.25	Depth to Water: 3.42
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1225	61.2	6.9	1233	1.5	grey, turbid, gasoden
1227	62.0	6.9	1274	3	"
1229	62.6	6.9	1333	4	"

Did well dewater? Yes (No) Gallons actually evacuated: 4

Sampling Time: 1232 Sampling Date: 2/5/04

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: See COC

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040205-DA1	Station # 1700 Powell St. Emeryville, CA
Sampler: DA	Date: 2/5/04
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 11.89	Depth to Water: 4.34
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: Bailer; (x) Disposable Bailer; Extraction Port; Other: ____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1242	62.9	6.8	2289	1.5	grey, gas odor, turbid
1244	63.3	6.9	2358	3	"
1246	63.8	6.9	2403	4	"

Did well dewater? Yes (No) Gallons actually evacuated: 4

Sampling Time: 1250 Sampling Date: 2/5/04

Sample I.D.: MW-2 Laboratory: Pace (Seqhoia) Other ____

Analyzed for: (TPH-G) ~~BTEX~~ MTBE TPH-D 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 #: 040205-DA1	Station # 1700 Powell St. Emeryville, CA
Sampler: DA	Date: 2/5/04
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 11.64	Depth to Water: 5.17
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.

1.0 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 3.0 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1019	60.9	7.0	636	1	grey, turbid
1021	61.5	7.0	672	2	"
1023	61.8	7.0	685	3	"

Did well dewater? Yes (No)		Gallons actually evacuated: 3	
Sampling Time: 1025		Sampling Date: 2/5/04	
Sample I.D.: MW-3		Laboratory: Pace (Sequoia) Other_____	
Analyzed for: (TPH-G BTEX) MTBE TPH-D Other: See COC			
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040205-DA1	Station # 1700 Powell St. Emeryville, CA
Sampler: DA	Date: 2/5/04
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 10.62	Depth to Water: 7.37
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: Bailer / X Disposable Bailer / Extraction Port / Other: ____

Top of Screen: —

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1209	63.8	7.3	2426	0.5	cloudy
1211	64.5	7.3	2498	1	"
1213	64.8	7.3	2586	1.5	"

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

Sampling Time: 1217 Sampling Date: 2/5/04

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: See COC

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040205-MA1	Station # 1700 Powell St. Emeryville, CA
Sampler: OA	Date: 2/5/04
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 12.66	Depth to Water: 5.34
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
952	62.6	6.8	635	1.25	grey, steam, gas odor
955	63.5	6.8	636	2.5	"
957	63.2	6.9	619	3.5	"

Did well dewater? Yes (No)		Gallons actually evacuated: 3.5	
Sampling Time: 1000		Sampling Date: 2/5/04	
Sample I.D.: MW-5		Laboratory: Pace (Sequoia) Other_____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other: See COC		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040205-DA1	Station # 1700 Powell St. Emeryville, CA
Sampler: DA	Date: 2/5/04
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 12.72	Depth to Water: 5.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: Bailer
- x Disposable Bailer
- Extraction Port
- Other: ___

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1054	64.5	7.1	1743	1.25	grey/turbid/sheen
1056	65.2	7.2	1712	2.5	"
1058	65.2	7.3	1620	3.5	"

Did well dewater? Yes (No)		Gallons actually evacuated: 3.5		
Sampling Time: 1102		Sampling Date: 2/5/04		
Sample I.D.: MW-6		Laboratory: Pace (Sequoia) Other___		
Analyzed for: ~~TPH-G~~ ~~BTEX~~ MTBE TPH-D Other: See COC				
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040205-DA1	Station # 1700 Powell St. Emeryville, CA
Sampler: DA	Date: 2/5/04
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.65	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
x Disposable Bailer
Positive Air Displacement
Electric Submersible
Extraction Pump
Other: _____

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

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1155	65.8	7.2	2151	1.5	grey, turbid
1158	65.6	7.3	2093	3	"
1201	65.4	7.3	2090	4	"

Did well dewater? Yes (No)		Gallons actually evacuated: 4	
Sampling Time: 1205		Sampling Date: 2/5/04	
Sample I.D.: MW-7		Laboratory: Pace (Sequoia) Other_____	
Analyzed for: TPH-G (BTEX) MTBE TPH-D	Other:	See COC	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040205-DA1	Station # 1700 Powell St. Emeryville, CA
Sampler: DA	Date: 2/5/04
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.79	Depth to Water: 4.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Other: ____

Top of Screen: ____

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1111	65.1	6.9	2352	1.5	clear
1113	66.6	6.9	2965	3	"
1115	67.1	6.9	2548	4.5	"

Did well dewater? Yes (No)		Gallons actually evacuated: 4.5	
Sampling Time: 1119		Sampling Date: 2/5/04	
Sample I.D.: MW-8		Laboratory: Pace (Sequoia) Other ____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other: See COC		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040205-DA1	Station # 1700 Powell St. Emeryville, CA
Sampler: DA	Date: 2/5/04
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 13.94	Depth to Water: 3.70
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: 3" PVC bailer

Sampling Method: Bailer / X Disposable Bailer / Extraction Port / Other: ___

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

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
1300	62.5	7.0	1112	7	heavy sheen, gas odor, grey
1305	62.9	7.0	1063	14	"
1308	well	dewatered @ 17 g.			
1315	62.7	7.0	1101	DTW=	11.56

Did well dewater? (Yes) No Gallons actually evacuated: 17

Sampling Time: 1318 Sample depth Sampling Date: 2/5/04

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: See COC

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

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 #

1700 Powell St. Emeryville, CA

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

45

added equip. rinse water 5

any other adjustments

TOTAL GALS. RECOVERED 50

loaded onto BTS vehicle # 49

BTS event #	time	date
040205-DA1	1340	2/5/04

signature David Albut

* *

REC'D AT	time	date
		/ /

unloaded by signature

ATTACHMENT C

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

LABORATORY PROCEDURES

Laboratory Procedures

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by Atlantic Richfield Company have been reviewed and verified by that laboratory.

Sequoia
Analytical

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

25 February, 2004

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

RE: BP Heritage #11126, Emeryville, CA
Work Order: MNB0238

Enclosed are the results of analyses for samples received by the laboratory on 02/06/04 11:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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

URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	*Laboratory ID*	*Matrix*	Date Sampled	Date Received
MW-1	MNB0238-01	Water	02/05/04 12:32	02/06/04 11:07
MW-2	MNB0238-02	Water	02/05/04 12:50	02/06/04 11:07
MW-3	MNB0238-03	Water	02/05/04 10:25	02/06/04 11:07
MW-4	MNB0238-04	Water	02/05/04 12:17	02/06/04 11:07
MW-5	MNB0238-05	Water	02/05/04 10:00	02/06/04 11:07
MW-6	MNB0238-06	Water	02/05/04 11:02	02/06/04 11:07
MW-7	MNB0238-07	Water	02/05/04 12:05	02/06/04 11:07
MW-8	MNB0238-08	Water	02/05/04 11:19	02/06/04 11:07
MW-9	MNB0238-09	Water	02/05/04 13:18	02/06/04 11:07

These samples were received with intact custody seals.

Sequoia Analytical

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

URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Extractable Hydrocarbons by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MNB0238-03) Water Sampled: 02/05/04 10:25 Received: 02/06/04 11:07									
Diesel Range Organics (C10-C28)	**340**	50	ug/l	1	4B10001	02/10/04	02/12/04	EPA 8015B-SVOA	HC-12
Surrogate: n-Octacosane		*98.4 %*	*34-123*		"	"	"	"	

Sequoia Analytical

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Morgan Hill, CA 95037
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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNB0238-01) Water Sampled: 02/05/04 12:32 Received: 02/06/04 11:07									
Ethanol	ND	5000	ug/l	50	4B18002	02/18/04	02/18/04	EPA 8260B	
tert-Butyl alcohol	**18000**	1000	"	"	"	"	"	"	
Methyl tert-butyl ether	**460**	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
Benzene	**68**	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Gasoline Range Organics	ND	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*78-129*		"	"	"	
MW-2 (MNB0238-02) Water Sampled: 02/05/04 12:50 Received: 02/06/04 11:07									
Ethanol	ND	50000	ug/l	500	4B18002	02/18/04	02/18/04	EPA 8260B	
tert-Butyl alcohol	**54000**	10000	"	"	"	"	"	"	
Methyl tert-butyl ether	**22000**	250	"	"	"	"	"	"	
Di-isopropyl ether	ND	250	"	"	"	"	"	"	
Ethyl tert-butyl ether	*ND*	*250*	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	250	"	"	"	"	"	"	
Benzene	**330**	250	"	"	"	"	"	"	
Toluene	ND	250	"	"	"	"	"	"	
Ethylbenzene	ND	250	"	"	"	"	"	"	
Xylenes (total)	ND	250	"	"	"	"	"	"	
Gasoline Range Organics	***40000***	*25000*	"	"	"	"	"	"	HC-19
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*		*78-129*		"	"	"	

Sequoia Analytical

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MNB0238-03) Water Sampled: 02/05/04 10:25 Received: 02/06/04 11:07									
Ethanol	ND	100	ug/l	1	4B18002	02/18/04	02/18/04	EPA 8260B	
tert-Butyl alcohol	**32**	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**12**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	**0.90**	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*78-129*		"	"	"	"	
MW-4 (MNB0238-04) Water Sampled: 02/05/04 12:17 Received: 02/06/04 11:07									
Ethanol	ND	5000	ug/l	50	4B18002	02/18/04	02/18/04	EPA 8260B	
tert-Butyl alcohol	**10000**	1000	"	"	"	"	"	"	
Methyl tert-butyl ether	**4700**	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	***110***	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
Benzene	ND	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Gasoline Range Organics	**6900**	2500	"	"	"	"	"	"	HC-19
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*78-129*		"	"	"	"	

Sequoia Analytical

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MNB0238-05) Water Sampled: 02/05/04 10:00 Received: 02/06/04 11:07									
Ethanol	ND	500	ug/l	5	4B18002	02/18/04	02/18/04	EPA 8260B	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Benzene	**7.0**	2.5	"	"	"	"	"	"	
Toluene	**3.5**	2.5	"	"	"	"	"	"	
Ethylbenzene	**5.2**	2.5	"	"	"	"	"	"	
Xylenes (total)	**8.2**	2.5	"	"	"	"	"	"	
Gasoline Range Organics	**2800**	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*		*78-129*		"	"	"	
MW-6 (MNB0238-06) Water Sampled: 02/05/04 11:02 Received: 02/06/04 11:07									
Ethanol	ND	500	ug/l	5	4B18002	02/18/04	02/18/04	EPA 8260B	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**76**	2.5	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
tert-Amyl methyl ether	**10**	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics	ND	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*		*78-129*		"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MNB0238-07) Water Sampled: 02/05/04 12:05 Received: 02/06/04 11:07									
Ethanol	ND	500	ug/l	5	4B18002	02/18/04	02/18/04	EPA 8260B	
tert-Butyl alcohol	**740**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**270**	2.5	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
tert-Amyl methyl ether	**7.7**	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics	**470**	250	"	"	"	"	"	"	HC-19
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*78-129*		"	"	"	
MW-8 (MNB0238-08) Water Sampled: 02/05/04 11:19 Received: 02/06/04 11:07									
Ethanol	ND	5000	ug/l	50	4B18002	02/18/04	02/18/04	EPA 8260B	
tert-Butyl alcohol	**24000**	1000	"	"	"	"	"	"	
Methyl tert-butyl ether	**1600**	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
Benzene	ND	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Gasoline Range Organics	**3200**	2500	"	"	"	"	"	"	HC-19
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*78-129*		"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MNB0238-09) Water Sampled: 02/05/04 13:18 Received: 02/06/04 11:07									
Ethanol	ND	50000	ug/l	500	4B18002	02/18/04	02/19/04	EPA 8260B	
tert-Butyl alcohol	ND	10000	"	"	"	"	"	"	
Methyl tert-butyl ether	**12000**	250	"	"	"	"	"	"	
Di-isopropyl ether	ND	250	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	250	"	"	"	"	"	"	
tert-Amyl methyl ether	**280**	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	250	"	"	"	"	"	"	
Benzene	**7000**	250	"	"	"	"	"	"	
Toluene	ND	250	"	"	"	"	"	"	
Ethylbenzene	**1900**	250	"	"	"	"	"	"	
Xylenes (total)	**3800**	250	"	"	"	"	"	"	
Gasoline Range Organics	**50000**	25000	"	"	"	"	"	"	HC-19
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*		*78-129*		"	"	"	

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1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MNB0238-03) Water	**Sampled: 02/05/04 10:25**	**Received: 02/06/04 11:07**							
Oil & Grease (HEM)	**8.2**	5.2	mg/l	1	4B10026	02/10/04	02/12/04	EPA 1664A	

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Extractable Hydrocarbons 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 4B10001 - EPA 3510C										
Blank (4B10001-BLK1)				Prepared: 02/10/04 Analyzed: 02/11/04						
Diesel Range Organics (C10-C28)	ND	50	ug/l							
Surrogate: n-Octacosane	*35.5*		"	*50.0*		*71.0*	*34-123*			
Laboratory Control Sample (4B10001-BS1)				Prepared: 02/10/04 Analyzed: 02/11/04						
Diesel Range Organics (C10-C28)	463	50	ug/l	500		92.6	51-128			
Surrogate: n-Octacosane	*36.2*		"	*50.0*		*72.4*	*34-123*			
Laboratory Control Sample Dup (4B10001-BSD1)				Prepared: 02/10/04 Analyzed: 02/11/04						
Diesel Range Organics (C10-C28)	529	50	ug/l	500		106	51-128	13.3	27	
Surrogate: n-Octacosane	*38.7*		"	*50.0*		*77.4*	*34-123*			

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4B18002 - EPA 5030B P/T										
Blank (4B18002-BLK1)				Prepared & Analyzed: 02/18/04						
Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.89*		"	*5.00*		*97.8*	*78-129*			
Laboratory Control Sample (4B18002-BS1)				Prepared & Analyzed: 02/18/04						
Ethanol	270	100	ug/l	200		135	31-143			
tert-Butyl alcohol	47.1	20	"	50.0		94.2	56-131			
Methyl tert-butyl ether	9.34	0.50	"	10.0		93.4	63-137			
Di-isopropyl ether	9.08	0.50	"	10.0		90.8	76-130			
Ethyl tert-butyl ether	9.69	0.50	"	10.0		96.9	81-121			
tert-Amyl methyl ether	9.28	0.50	"	10.0		92.8	82-140			
1,2-Dichloroethane	9.72	0.50	"	10.0		97.2	77-136			
1,2-Dibromoethane (EDB)	10.3	0.50	"	10.0		*103*	77-132			
Benzene	9.45	0.50	"	10.0		94.5	78-124			
Toluene	9.16	0.50	"	10.0		91.6	78-129			
Ethylbenzene	9.84	0.50	"	10.0		98.4	84-117			
Xylenes (total)	30.2	0.50	"	30.0		101	83-125			
Surrogate: 1,2-Dichloroethane-d4	*4.79*		"	*5.00*		*95.8*	*78-129*			

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4B18002 - EPA 5030B P/T										
Laboratory Control Sample (4B18002-BS2)				Prepared & Analyzed: 02/18/04						
Methyl tert-butyl ether	7.87	0.50	ug/l	10.1		77.9	63-137			
Benzene	5.13	0.50	"	6.48		79.2	78-124			
Toluene	29.6	0.50	"	29.7		99.7	78-129			
Ethylbenzene	7.30	0.50	"	7.20		101	84-117			
Xylenes (total)	36.1	0.50	"	33.7		107	83-125			
Gasoline Range Organics	398	50	"	440		90.5	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.86*		"	*5.00*		*97.2*	*78-129*			
Laboratory Control Sample Dup (4B18002-BSD1)				Prepared & Analyzed: 02/18/04						
Ethanol	280	100	ug/l	200		140	31-143	3.64	20	
tert-Butyl alcohol	46.8	20	"	50.0		93.6	56-131	0.639	20	
Methyl tert-butyl ether	9.31	0.50	"	10.0		93.1	63-137	0.322	13	
Di-isopropyl ether	8.92	0.50	"	10 0		89.2	76-130	1.78	9	
Ethyl tert-butyl ether	9.52	0.50	"	10.0		95.2	81-121	1.77	9	
tert-Amyl methyl ether	9.58	0.50	"	10.0		95.8	82-140	3.18	12	
1,2-Dichloroethane	9.50	0.50	"	10.0		95.0	77-136	2.29	13	
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0		102	77-132	0.976	9	
Benzene	9.45	0.50	"	10.0		94.5	78-124	0.00	12	
Toluene	8.92	0.50	"	10.0		89.2	78-129	2.65	10	
Ethylbenzene	9.68	0.50	"	10.0		96.8	84-117	1.64	10	
Xylenes (total)	29.3	0.50	"	30.0		97.7	83-125	3.03	11	
Surrogate: 1,2-Dichloroethane-d4	*4.79*		"	*5 00*		*95.8*	*78-129*			
Laboratory Control Sample Dup (4B18002-BSD2)				Prepared & Analyzed: 02/18/04						
Methyl tert-butyl ether	8.08	0.50	ug/l	10.1		80.0	63-137	2.63	13	
Benzene	5.17	0.50	"	6.48		79.8	78-124	0.777	12	
Toluene	30.1	0.50	"	29.7		101	78-129	1.68	10	
Ethylbenzene	7.44	0.50	"	7.20		103	84-117	1.90	10	
Xylenes (total)	36.8	0.50	"	33.7		109	83-125	1.92	11	
Gasoline Range Organics	*398*	*50*	"	*440*		*90.5*	*70-113*	*0.00*	*9*	
Surrogate: 1,2-Dichloroethane-d4	*4.92*		"	*5.00*		*98.4*	*78-129*			

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

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 4B10026 - General Prep										
Blank (4B10026-BLK1)				Prepared: 02/10/04 Analyzed: 02/11/04						
Oil & Grease (HEM)	ND	5.0	mg/l							
Laboratory Control Sample (4B10026-BS1)				Prepared: 02/10/04 Analyzed: 02/11/04						
Oil & Grease (HEM)	18.4	5.0	mg/l	20.0		92.0	78-118			
Laboratory Control Sample Dup (4B10026-BSD1)				Prepared: 02/10/04 Analyzed: 02/11/04						
Oil & Grease (HEM)	18.5	5.0	mg/l	20.0		92.5	78-118	0.542	18	

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URS Corporation [Arco]	Project: BP Heritage #11126, Emeryville, CA	MNB0238
1333 Broadway, Suite 800	Project Number: [none]	**Reported:**
Oakland CA, 94612	Project Manager: Leonard Niles	02/25/04 11:45

Notes and Definitions

HC-12	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
HC-19	Discrete peak @ C-5.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

Project Name 11126GWM
BP BU/GEM CO Portfolio Retail
BP Laboratory Contract Number: Atlantic Richfield Company
Date: 2/5/04 **Requested Due Date (mm/dd/yy)** 14 day TAT

On-site Time:	1333 Temp: 60.2
Off-site Time:	1400 Temp: 59.8
Sky Conditions:	hazy
Meteorological Events:	—
Wind Speed:	E 5 mph Direction:

Send To:		BP/GEM Facility No.:	11126
Lab Name:	SEQUOIA	BP/GEM Facility Address:	1700 POWELL ST., EMERYVILLE, CA
Lab Address:	885 Jarvis Dr.	Site ID No.	11126
	Morgan Hill, CA 95037	Site Lat/Long:	
		California Global ID #:	T0600100208
Lab PM	Theresa Allen	BP/GEM PM Contact:	PAUL SUPPLE
Tele/Fax:	408-776-9600 / 408-782-6308	Address:	P.O. Box 6549
Report Type & QC Level:	I Send EDF Reports		Moraga, CA 94570
BP/GEM Account No.:	400-6-21124	Tele/Fax:	925-299-8891/925-299-8872

Consultant/Contractor:	URS
Address:	500 12th St., Ste. 200
	Oakland, CA 94609-4014
e-mail EDD:	donna_cosper@URSCorp.com
Consultant/Contractor Project No.:	
Consultant Tele/Fax:	510-893-3600/510-874-3268
Consultant/Contractor PM:	Leonard Niles
Invoice to:	Consultant/Contractor or BP/GEM (Circle one)
BP/GEM Work Release No:	-

Lab Bottle Order No:

Item No.	Sample Description	Time	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Sediments	Matrix: Air	Laboratory No.	No. of containers	Preservatives: Unpreserved (amber)	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl (VOAs)	Preservatives: HCl (numbered)	Requested Analysis: TPH-G / BTEX (8015/8021+8260)	Requested Analysis: TPH-D (8015)	Requested Analysis: MTBE (8021)	Requested Analysis: MTBE (8260)	Requested Analysis: MTBE, TAME, EtBE, DIPE, TBA (8260)	Requested Analysis: 1,2-DCA & EDB (8260)	Requested Analysis: Ethanol (8260)	Requested Analysis: TOG (1664)	Sample Point Lat/Long and Comments
1	MW-1	1232		X			01	3				X		X				X	X	X		
2	MW-2	1250					02	3				X		X				X	X	X		
3	MW-3	1225					03	3+1	X			X	X	X	X			X	X	X	X	
4	MW-4	1217					04	3				X		X				X	X	X		
5	MW-5	1008					05	3				X		X				X	X	X		
6	MW-6	1102					06	3				X		X				X	X	X		
7	MW-7	1205					07	3				X		X				X	X	X		
8	MW-8	1119					08	3				X		X				X	X	X		
9	MW-9	1318		↓			09	3				X		X				X	X	X		
10	TB-11126-020504	—		X			10	2														on hold

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: David Althof	David Althof / BTS	2/4/04	10:20		2/4/04	10:20
Sampler's Company: Blaine Tech		2/4/04			2/4/04	11:07
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

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

Ice Seals In Place Yes — No ___ Temperature Blank Yes X No ___, Cooler Temperature on Receipt 2 °F/C Trip Blank Yes X No ___

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT): TL
WORKORDER: MMB0238

DATE REC'D AT LAB: 2/6/04
TIME REC'D AT LAB: 1107
DATE LOGGED IN: 2/7/04

DRINKING WATER for regulatory purposes: YES / (NO)
WASTE WATER for regulatory purposes: YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) (Present) / Absent; Intact / Broken* (Bag)	01		MW-1	(3) VOAs	HCl	W	2/5/04	337070
	02		-2	1				
2. Chain-of-Custody (Present) / Absent*	03		-3	(3) VOAs				
3. Traffic Reports or Packing List: Present / (Absent)				(4) amber	—			
	04		MW-4	(3) VOAs	HCl			
4. Airbill: Airbill / Sticker Present / (Absent)	05		-5					
	06		-6					
5. Airbill #:	07		-7					
6. Sample Labels: (Present) / Absent	08		-8					
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody	09		-9					
	10		TB	(2)				
8. Sample Condition: (Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time: (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper Preservatives used: (Yes) / No*								
13. Temp Rec. at Lab: 2°C Is temp 4 +/-2°C? (Yes) / No**								

2/6/04 TV

(Acceptance range for samples requiring thermal pres.)

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

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

SRL rv 4.xls
Revision 4 (11/10/03)
Replaces Revision 3 (03/18/03)
Effective 11/10/03

ATTACHMENT D

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

02/26/04

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	BP Heritage #11126, Emery
Work Order Number:	MNB0238
Global ID:	T0600100208
Lab Report Number:	MNB0238022520041145

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
MNB02380225200 41145	MW-1	MNB023801	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/18/04	4B18002	1
MNB02380225200 41145	MW-2	MNB023802	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/18/04	4B18002	1
MNB02380225200 41145	MW-3	MNB023803	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/18/04	4B18002	1
MNB02380225200 41145	MW-3	MNB023803	W	CS	E1664A	METHOD	02/05/04	02/10/04	02/12/04	4B10026	1
MNB02380225200 41145	MW-3	MNB023803	W	CS	SW8015B	SW3510C	02/05/04	02/10/04	02/12/04	4B10001	1
MNB02380225200 41145	MW-4	MNB023804	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/18/04	4B18002	1
MNB02380225200 41145	MW-5	MNB023805	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/18/04	4B18002	1
MNB02380225200 41145	MW-6	MNB023806	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/18/04	4B18002	1
MNB02380225200 41145	MW-7	MNB023807	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/18/04	4B18002	1
MNB02380225200 41145	MW-8	MNB023808	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/18/04	4B18002	1
MNB02380225200 41145	MW-9	MNB023809	W	CS	8260TPH	SW5030B	02/05/04	02/18/04	02/19/04	4B18002	1
		4B10001BSD1	WQ	BD1	SW8015B	SW3510C	/ /	02/10/04	02/11/04	4B10001	1
		4B10001BS1	WQ	BS1	SW8015B	SW3510C	/ /	02/10/04	02/11/04	4B10001	1
		4B10001BLK1	WQ	LB1	SW8015B	SW3510C	/ /	02/10/04	02/11/04	4B10001	1
		4B10026BSD1	WQ	BD1	E1664A	METHOD	/ /	02/10/04	02/11/04	4B10026	1
		4B10026BS1	WQ	BS1	E1664A	METHOD	/ /	02/10/04	02/11/04	4B10026	1
		4B10026BLK1	WQ	LB1	E1664A	METHOD	/ /	02/10/04	02/11/04	4B10026	1
		4B18002BSD1	WQ	BD1	8260TPH	SW5030B	/ /	02/18/04	02/18/04	4B18002	1
		4B18002BSD2	WQ	BD2	8260TPH	SW5030B	/ /	02/18/04	02/18/04	4B18002	1
		4B18002BS1	WQ	BS1	8260TPH	SW5030B	/ /	02/18/04	02/18/04	4B18002	1
		4B18002BS2	WQ	BS2	8260TPH	SW5030B	/ /	02/18/04	02/18/04	4B18002	1
		4B18002BLK1	WQ	LB1	8260TPH	SW5030B	/ /	02/18/04	02/18/04	4B18002	1

EDFSAMP: Error Summary Log

02/26/04

Error type	Logcode	Projname	Npdlwo	Sampid	Matrix
There are no errors in this data file					

EDFTEST: Error Summary Log

02/26/04

Error type	Labsampid	Qccode	Anmcode	Exmcode	Anadate	Run number
There are no errors in this data file					/ /	0

EDFRES: Error Summary Log

02/26/04

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MNB023803	CS	W	E1664A	PR	02/12/04	1	OILGREASE
Warning: extra parameter	MNB023803	CS	W	SW8015B	PR	02/12/04	1	630-02-4
Warning: extra parameter	MNB023803	CS	W	SW8015B	PR	02/12/04	1	DROC10C28
Warning: extra parameter	4B10001BLK1	LB1	WQ	SW8015B	PR	02/11/04	1	630-02-4
Warning: extra parameter	4B10001BLK1	LB1	WQ	SW8015B	PR	02/11/04	1	DROC10C28
Warning: extra parameter	4B10001BS1	BS1	WQ	SW8015B	PR	02/11/04	1	630-02-4
Warning: extra parameter	4B10001BS1	BS1	WQ	SW8015B	PR	02/11/04	1	DROC10C28
Warning: extra parameter	4B10001BSD1	BD1	WQ	SW8015B	PR	02/11/04	1	630-02-4
Warning: extra parameter	4B10001BSD1	BD1	WQ	SW8015B	PR	02/11/04	1	DROC10C28
Warning: extra parameter	4B10026BLK1	LB1	WQ	E1664A	PR	02/11/04	1	OILGREASE
Warning: extra parameter	4B10026BS1	BS1	WQ	E1664A	PR	02/11/04	1	OILGREASE
Warning: extra parameter	4B10026BSD1	BD1	WQ	E1664A	PR	02/11/04	1	OILGREASE

EDFQC: Error Summary Log

02/26/04

Error type	Lablotctl	Anmcode	Parlabel	Qccode	Labqcid
There are no errors in this data files					

EDFCL: Error Summary Log

02/26/04

Error type	Clrevdate	Anmcode	Exmcode	Parlabel	Clcode
There are no errors in this data file	/ /				

AB2886 Electronic Delivery

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

Your EDF file has been succcessfully uploaded!

Confirmation Number: 5150847196
Date/Time of Submittal: 2/26/2004 8:08:33 AM
Facility Global ID: T0600100208
Facility Name: BP MOBIL
Submittal Title: First Quarter 2004 Groundwater Monitoring Report Site #11126
Submittal Type: GW Monitoring Report

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

AB2886 Electronic Delivery

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

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**1st Quarter 2004 Geowell Data for Site #11126**
Submittal Date/Time:	**2/13/2004 4:14:51 PM**
Confirmation Number:	**9457066178**

Back to Main Menu

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.