



June 5, 2004

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

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


Dear Ms. chu:

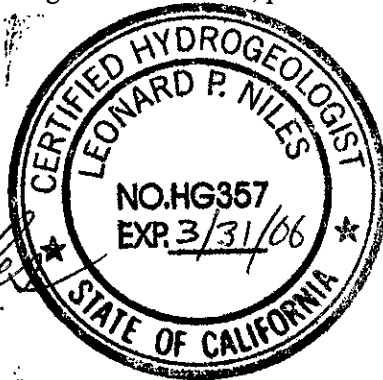
On behalf of the Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) is submitting the *Second Quarter 2004 Groundwater Monitoring Report* for the Former BP Service Station #11126, located at 1700 Powell Street, Emeryville, California..

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

Sincerely,

URS CORPORATION


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



Enclosure: Second Quarter 2004 Groundwater Monitoring Report

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

SECOND QUARTER 2004 GROUNDWATER MONITORING

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

Prepared for
Atlantic Richfield Company

June 5, 2004

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38486797



Date: June 5, 2004
 Quarter: 2Q 04

BP GEM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.: 11126 Address: 1700 Powell Street, Emeryville, CA
 RM 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 (Second – 2004):

1. Performed first quarter groundwater monitoring event on April 28, 2004.
2. Prepared and submitted second quarter 2004 groundwater monitoring report.
3. Implemented interim remedial action consisting of bi-weekly batch groundwater extraction events.

WORK PROPOSED FOR NEXT QUARTER (Third– 2004):

1. Perform third quarter 2004 groundwater monitoring event.
2. Prepare and submit third quarter 2004 groundwater monitoring report.
3. Implement interim remedial action and subsurface investigation pending approval of off-site access agreements and permitting.
4. Perform bi-weekly batch groundwater extraction events.

Current Phase of Project:	<u>GW monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Wells MW-1 through MW-9 quarterly</u>
Frequency of Groundwater Monitoring:	<u>Quarterly</u>
Is Free Product (FP) Present On-Site:	<u>Sheen (MW-5, MW-9)</u>
Current Remediation Techniques:	<u>None</u>
Approximate Depth to Groundwater:	<u>3.19 (MW-9) to 5.53 (MW-5) feet</u>
Groundwater Gradient (direction):	<u>Variable from west to southwest</u>
Groundwater Gradient (magnitude):	<u>0.023 to 0.025 feet per foot</u>

DISCUSSION:

GRO were detected above laboratory reporting limits in four of the nine wells sampled at concentrations ranging from 730 µg/L (MW-8) to 47,000 µg/L (MW-9). Benzene was detected above laboratory reporting limits in four wells sampled at concentrations ranging from 7.8 µg/L (MW-5) to 5,600 µg/L (MW-9). MTBE was detected above laboratory reporting limits in all wells at concentrations ranging from 11 µg/L (MW-5) to 31,000 µg/L (MW-2). DRO and TOG were only analyzed in well MW-3. DRO was detected above laboratory reporting limit at a concentration of 240 µg/L. TOG was not detected above laboratory reporting limit of 5,100 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 five wells at concentrations ranging from 880 µg/L

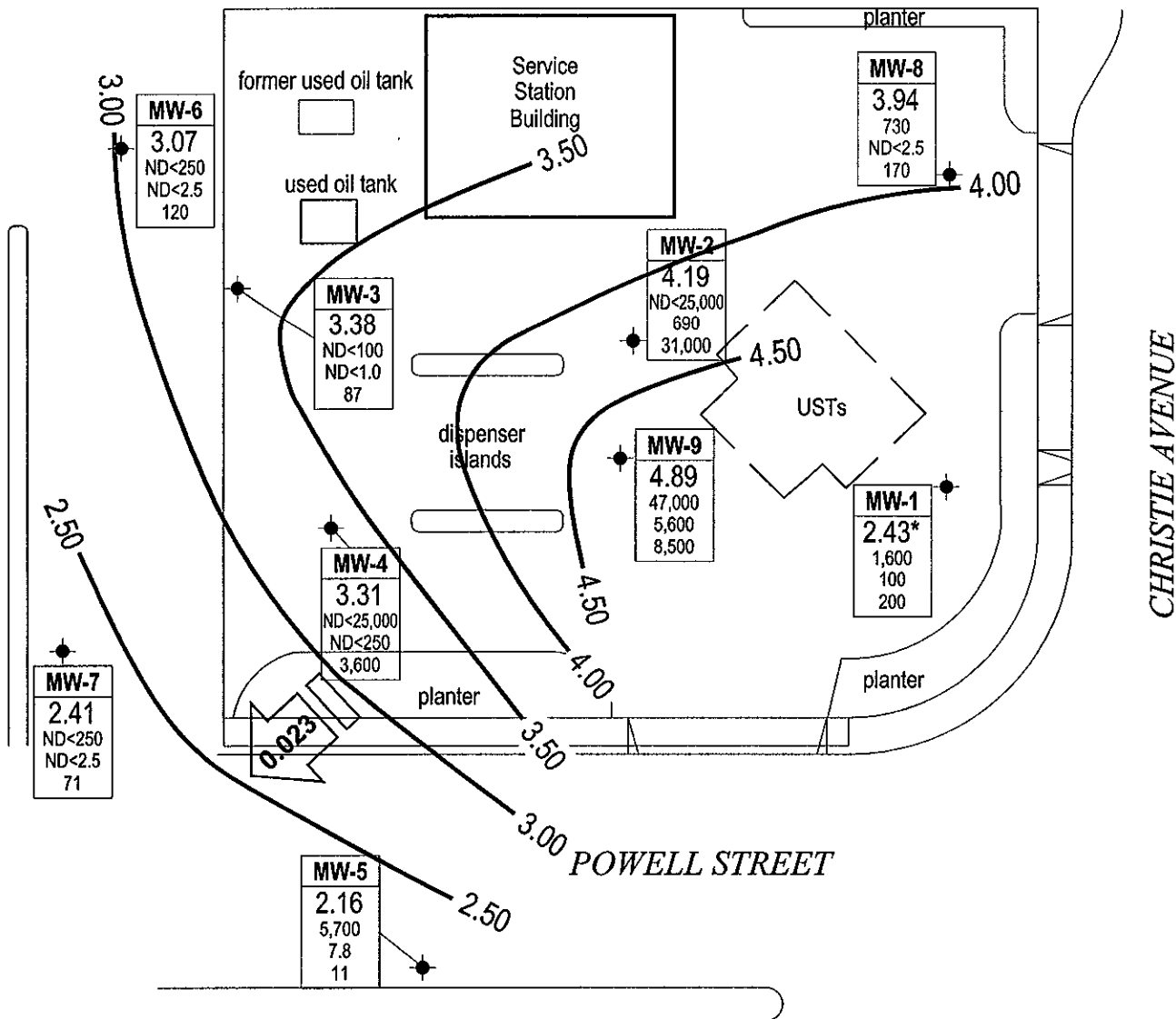


(MW-7) to 59,000 µg/L (MW-2). TAME was detected above laboratory reporting limits in four wells at concentrations ranging from 3.5 µg/L (MW-7) to 170 µg/L (MW-9). It is important to note that the analytical method used during this sampling event, EPA Method 8260B, resulted in elevated detection limits 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 – April 28, 2004
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Oxygenate Analytical Data
- Attachment A – Concentration and Water Level Trends (MW-2, MW-4, & 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

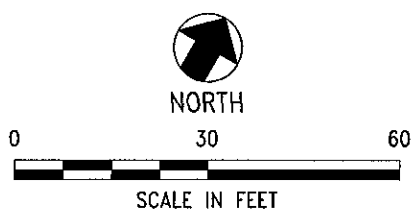
X:\x env\wastobp GEMISites\Niles Sites\1126\Reports\Monitoring\Clr. 1. 2004\GWEC-AS 2-5.dwg, 06/03/2004 10 32 08 AM, jtking10



EXPLANATION

- Monitoring well
- 2.50 Groundwater elevation contour (ft/MSL)
- Well designation
- 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
- 0.023 Groundwater flow direction and gradient (ft/ft)

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



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.



Project No. 38486797
 Former BP Service Station #11126
 1700 Powell Street
 Emeryville, California

**GROUNDWATER ELEVATION CONTOUR
 AND ANALYTICAL SUMMARY MAP
 Second Quarter 2004 (April 28, 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)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (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-1	11/4/92	7.76	4.96	---	2.80	5300	---	1100	480	ND<0.5	1500	---	(k)	---	---	PACE
MW-1	10/12/93	7.76	5.26	---	2.50	3600	---	970	71	100	550	6111	(k)	---	---	PACE
MW-1	2/15/94	7.76	4.98	---	2.78	17000	---	4200	510	360	1600	5495	(k)	---	3.9	PACE
MW-1	5/11/94	7.76	4.55	---	3.21	5500	---	2900	37	56	64	705	(k)	---	8.0	PACE
MW-1	8/1/94	7.76	5.51	---	2.25	15000	---	3600	740	510	2800	9718	(d)(k)	---	2.9	PACE
QC-1 (e)	8/1/94	---	---	---	---	16000	---	3600	750	510	2800	9800	(d)	---	---	PACE
MW-1	10/18/94	7.76	5.11	---	2.65	16000	---	1800	61	160	890	15668	(k)	---	2.9	PACE
QC-1 (e)	10/18/94	---	---	---	---	16000	---	1900	64	170	950	---	---	---	---	PACE
MW-1	1/13/95	7.76	3.05	---	4.71	220	---	7	ND<0.5	1	23	---	---	---	6.6	ATI
QC-1 (e)	1/13/95	---	---	---	---	590	---	88	0.7	ND<0.5	55	---	---	---	---	ATI
MW-1	4/13/95	7.76	3.84	---	3.92	9300	---	4000	300	200	950	---	---	---	7.7	ATI
MW-1	7/11/95	7.76	3.60	---	4.16	15000	---	2200	84	ND<25	2500	---	---	---	8.8	ATI
MW-1	11/2/95	7.76	4.58	---	3.18	19000	---	920	ND<100	ND<100	430	52000	---	---	7.3	ATI
MW-1	2/5/96	7.76	4.43	---	3.33	4600	---	1400	330	54	247	8700	---	---	3.2	SPL
MW-1	4/24/96	7.76	4.00	---	3.76	2000	---	510	33	61	228	4500	---	---	7.5	SPL
MW-1	7/15/96	7.76	4.30	---	3.46	---	---	---	---	---	---	---	---	---	---	---
MW-1	7/16/96	7.76	---	---	---	12000	---	2800	170	390	1630	64000	---	---	7.9	SPL
QC-1 (e)	7/16/96	---	---	---	---	12000	---	2800	160	390	1610	63000	---	---	---	SPL
MW-1	7/30/96	7.76	4.64	---	3.12	---	---	---	---	---	---	---	---	---	---	---
MW-1	8/12/96	7.76	---	---	---	11000	---	2500	160	ND<10	1740	440000	---	---	7.0	SPL
MW-1	11/4/96	7.76	5.98	---	1.78	---	---	---	---	---	---	---	---	---	---	---
MW-1	11/5/96	7.76	---	---	---	53000	---	1300	43	100	349	42000/190000	(f)	---	6.6	SPL
MW-1	5/17/97	7.76	4.65	---	3.11	52000	---	1958	55	305	1216	140198	---	---	5.7	SPL
MW-1	8/11/97	7.76	4.90	---	2.86	25000	---	540	6.7	ND<5.0	57	360000	---	---	7.9	SPL
MW-1	11/17/97	7.76	6.12	---	1.64	93000	---	1200	31	180	40	400000	---	---	7.6	SPL
MW-1	1/29/98	7.76	4.90	---	2.86	4800	---	320	24	52	19.9	ND<50	---	---	6.6	SPL
MW-1	6/22/98	7.76	4.62	---	3.14	63000	---	180	ND<5.0	15	69	57000	---	---	6.0	---
MW-1	12/30/98	7.76	5.41	---	2.35	22000	---	2500	24	120	400	15000/13000	(f)	---	---	SPL
MW-1	3/9/99	7.76	3.40	---	4.36	16000	---	2000	84	290	510	13000	---	---	---	SPL
MW-1	6/23/99	7.76	4.60	---	3.16	9600	---	4500	21	160	260	24000	---	---	---	SPL
MW-1	9/23/99	7.76	4.21	---	3.55	3800	---	1600	32	150	240	7100	---	---	---	SPL
MW-1	12/28/99	7.76	4.10	---	3.66	3400	---	ND<2200	17	53	130	5500	---	---	---	PACE
MW-1	3/22/00	7.76	5.51	---	2.25	6400	---	1100	45	190	330	4900	---	---	---	PACE
MW-1	5/26/00	7.76	4.79	---	2.97	110000	---	700	44	140	250	320000	---	---	---	PACE
MW-1	9/6/00	7.76	5.19	---	2.57	5600	---	1000	13	57	90	19000	---	---	---	PACE
MW-1	9/15/00	7.76	5.73	---	2.03	---	---	---	---	---	---	---	---	---	---	---
MW-1	12/11/00	7.76	5.82	---	1.94	5500	---	1160	47.1	155	292	3900	---	---	---	PACE
MW-1 (h)	3/29/01	7.76	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	6/27/01	7.76	5.49	---	2.27	6100	---	1200	12.9	17.3	77.9	1780	---	---	---	PACE
MW-1	9/19/01	7.76	6.19	---	1.57	1800	---	102	ND<12.5	ND<12.5	ND<37.5	1090	---	---	---	PACE
MW-1	12/28/01	7.76	5.27	---	2.49	4000	---	540	11.8	20.4	64.6	1120	---	---	---	PACE
MW-1	3/12/02	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

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)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (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-1	9/6/02	7.76	5.56	---	2.20	1100	---	170	5.1	2.2	20	550	---	---	---	SEQ
MW-1 (o)	12/13/02	7.76	5.45	---	2.31	2700	---	610	10	18	67	470	---	---	---	SEQ
MW-1 (p)	2/19/03	7.76	3.00	---	4.76	1500	---	180	ND<5.0	ND<5.0	15	610	---	---	---	SEQ
MW-1	6/6/03	7.76	5.52	---	2.24	4600	---	620	ND<25	ND<25	55	1400	---	---	---	SEQ
MW-1	8/7/03	7.76	5.55	---	2.21	2000	---	290	ND<5.0	ND<5.0	15	920	---	---	---	SEQ
MW-1	11/20/03	7.76	5.41	---	2.35	2800	---	420	11	11	53	250	---	---	---	SEQ
MW-1	2/5/04	7.76	3.42	---	4.34	ND<2,500	---	68	ND<25	ND<25	ND<25	460	---	---	---	SEQ
MW-1	4/28/04	7.76	5.33	---	2.43	1600	---	100	5.3	ND<5.0	8.8	200	---	---	---	SEQ
MW-2	11/4/92	8.56	5.88	---	2.68	12000	---	3900	1300	ND<0.5	2300	---	(k)	---	---	PACE
QC-1 (e)	11/4/92	---	---	---	---	12000	---	3200	980	ND<0.5	1900	---	---	---	---	PACE
MW-2	10/12/93	8.56	6.29	---	2.27	4500	---	3400	180	230	940	442	(k)	---	---	PACE
MW-2	2/15/94	8.56	5.56	---	3.00	2000	---	430	270	28	390	127	(k)	---	4.0	PACE
QC-1 (e)	2/15/94	---	---	---	---	1800	---	290	160	14	250	---	---	---	---	PACE
MW-2	5/11/94	8.56	5.17	---	3.39	14000	---	3900	1200	440	1900	953	(k)	---	8.9	PACE
QC-1 (e)	5/11/94	---	---	---	---	15000	---	5600	1500	470	2000	740	(d)	---	---	PACE
MW-2	8/1/94	8.56	5.43	---	3.13	8200	---	3000	420	230	680	1676	(k)	---	2.6	PACE
MW-2	10/18/94	8.56	5.71	---	2.85	9000	---	2000	140	150	420	2417	(k)	---	7.2	PACE
MW-2	1/13/95	8.56	4.67	---	3.89	7900	---	2200	42	ND<5	770	---	---	---	6.8	ATI
MW-2	4/13/95	8.56	4.37	---	4.19	33000	---	8000	2500	1100	6600	---	---	---	7.5	ATI
QC-1 (e)	4/13/95	---	---	---	---	25000	---	6500	1500	110	5300	---	---	---	---	ATI
MW-2	7/11/95	8.56	4.51	---	4.05	19000	---	3300	99	7.5	4600	---	---	---	7.8	ATI
QC-1 (e)	7/11/95	---	---	---	---	28000	---	6800	1000	900	4900	---	---	---	---	ATI
MW-2	11/2/95	8.56	5.55	---	3.01	20000	---	3800	1200	570	2700	15000	---	---	7.3	ATI
QC-1 (e)	11/2/95	---	---	---	---	22000	---	4000	1200	600	2700	19000	---	---	---	ATI
MW-2	2/5/96	8.56	5.10	---	3.46	1200	---	320	220	26	187	99	---	---	2.2	SPL
QC-1 (e)	2/5/96	---	---	---	---	910	---	290	180	19	137	93	---	---	---	SPL
MW-2	4/24/96	8.56	4.95	---	3.61	ND<500	---	70	22	ND<10	61	ND<50	---	---	7.0	SPL
QC-1 (e)	4/24/96	---	---	---	---	ND<500	---	100	30	ND<10	71	ND<100	---	---	---	SPL
MW-2	7/15/96	8.56	5.40	---	3.16	---	---	---	---	---	---	---	---	---	---	---
MW-2	7/16/96	8.56	---	---	---	12000	---	3300	1400	250	2610	1400	---	---	7.8	SPL
MW-2	7/30/96	8.56	5.44	---	3.12	---	---	---	---	---	---	---	---	---	---	---
MW-2	11/4/96	8.56	7.06	---	1.50	---	---	---	---	---	---	---	---	---	---	---
MW-2	11/5/96	8.56	---	---	---	7200	---	1400	230	38	2110	1100	---	---	7.4	SPL
QC-1 (e)	11/5/96	---	---	---	---	9200	---	1300	170	ND<25	2240	1100	---	---	---	SPL
MW-2	5/17/97	8.56	5.77	---	2.79	570	---	42	ND<5.0	5.0	60	210	---	---	6.9	SPL
MW-2	8/11/97	8.56	5.71	---	2.85	6300	---	1800	130	86	397	2400	---	---	8.5	SPL
MW-2	11/17/97	8.56	6.91	---	1.65	2400	---	220	30	33	259	130	---	---	7.9	SPL
MW-2	1/29/98	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	6/22/98	8.56	4.80	---	3.76	4200	---	640	150	120	650	560	---	---	5.4	SPL
MW-2	12/30/98	8.56	5.21	---	3.35	---	---	---	---	---	---	---	---	---	---	---
MW-2	6/23/99	8.56	5.30	---	3.26	---	---	---	---	---	---	---	---	---	---	---
MW-2	9/23/99	8.56	4.75	---	3.81	3800	---	760	19	210	960	910	---	---	---	SPL
MW-2	12/28/99	8.56	4.51	---	4.05	---	---	---	---	---	---	---	---	---	---	---
MW-2	3/22/00	8.56	4.21	---	4.35	2500	---	780	17	44	270	2800	---	---	---	PACE
MW-2	5/26/00	8.56	4.66	---	3.90	---	---	---	---	---	---	---	---	---	---	---
MW-2	9/6/00	8.56	4.71	---	3.85	3700	---	1200	5.5	12	170	12000	---	---	---	PACE
MW-2	9/15/00	8.56	4.74	---	3.82	---	---	---	---	---	---	---	---	---	---	---
MW-2	12/11/00	8.56	4.79	---	3.77	---	---	---	---	---	---	---	---	---	---	---
MW-2 (h)	3/29/01	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)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (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 (j)	6/27/01	8.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2 (j)	9/19/01	8.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2 (j)	12/28/01	8.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2	3/12/02	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	9/6/02	8.56	5.23	---	3.33	26000	---	440	ND<50	ND<50	ND<50	45000	---	---	---	SEQ
MW-2 (o)	12/13/02	8.56	4.94	---	3.62	69000	---	1200	ND<500	ND<500	ND<500	98000	---	---	---	SEQ
MW-2 (p)	2/19/03	8.56	4.14	---	4.42	78000	---	1100	ND<500	ND<500	ND<500	81000	---	---	---	SEQ
MW-2	6/6/03	8.56	4.66	---	3.90	120000	---	1100	ND<1000	ND<1000	ND<1000	72000	---	---	---	SEQ
MW-2	8/7/03	8.56	4.90	Sheen	3.66	71000	---	590	ND<500	ND<500	ND<500	83000	---	---	---	SEQ
MW-2	11/20/03	8.56	4.59	---	3.97	22000	---	720	ND<100	ND<100	ND<100	18000	---	---	---	SEQ
MW-2	2/5/04	8.56	4.34	---	4.22	40000	(s) ---	330	ND<250	ND<250	ND<250	22000	---	---	---	SEQ
MW-2	4/28/04	8.56	4.37	---	4.19	ND<25000	---	690	ND<250	ND<250	ND<250	31000	---	---	---	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)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (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	11/4/92	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	10/12/93	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)	10/12/93	---	---	---	---	150	---	5.6	0.6	ND<0.5	1.6	---	---	---	---	PACE
MW-3	2/15/94	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	5/11/94	8.25	5.86	---	2.39	190	2500	2.7	1.9	ND<0.5	1.9	---	(d)(k)ND<5000	ND	9.2	PACE
MW-3	8/1/94	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	10/18/94	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	1/13/95	8.25	5.47	---	2.78	ND<50	970	0.8	ND<0.5	ND<0.5	ND<1	---	---	---	7.7	ATI
MW-3	4/13/95	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	7/11/95	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	11/2/95	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	2/5/96	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	4/24/96	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	7/15/96	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	7/30/96	8.25	6.04	---	2.21	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/4/96	8.25	7.84	---	0.41	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/5/96	8.25	---	---	---	90	890	ND<0.5	ND<1.0	ND<1.0	ND<1.0	30	2000	ND	6.8	SPL
MW-3	5/17/97	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	8/11/97	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	11/17/97	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	1/29/98	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	6/22/98	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	12/30/98	8.25	6.68	---	1.57	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/9/99	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	6/23/99	8.25	6.60	---	1.65	---	---	---	---	---	---	---	---	---	---	---
MW-3	9/23/99	8.25	6.17	---	2.08	---	---	---	---	---	---	---	---	---	---	---
MW-3	12/28/99	8.25	6.00	---	2.25	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/22/00	8.25	4.77	---	3.48	690	ND<58	4.2	3.1	0.81	2.7	2900	13000	---	---	PACE
MW-3	5/26/00	8.25	5.28	---	2.97	---	---	---	---	---	---	---	---	---	---	---
MW-3	9/15/00	8.25	5.58	---	2.67	---	---	---	---	---	---	---	---	---	---	---
MW-3	12/11/00	8.25	11.74	---	-3.49 (i)	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/29/01	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	6/27/01	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	9/19/01	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	12/28/01	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	3/12/02	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	9/6/02	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)	12/13/02	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)	2/19/03	8.25	4.80	---	3.45	ND<1000	380	ND<10	ND<10	ND<10	ND<10	120	6700	---	---	SEQ
MW-3	6/6/03	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	8/7/03	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	11/20/03	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	2/5/04	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
MW-3	4/28/04	8.25	4.87	---	3.38	ND<100	240 (q)	ND<1.0	ND<1.0	ND<1.0	ND<1.0	87	ND<5100	---	---	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)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (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-4	11/4/92	8.12	6.66	---	1.46	340	---	4.5	ND<0.5	4.3	ND<0.5	---	(k)	---	---	PACE
MW-4	10/12/93	8.12	6.87	---	1.25	160	---	5.8	1.4	0.8	2.7	261	(k)	---	---	PACE
MW-4	2/15/94	8.12	6.61	---	1.51	110	---	4.4	0.7	ND<0.5	2.5	118	(d)(k)	---	4.3	PACE
MW-4	5/11/94	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	8/1/94	8.12	6.87	---	1.25	140	---	0.7	2.0	5.2	15	138	(k)	---	3.3	PACE
MW-4	10/18/94	8.12	6.62	---	1.50	140	---	3.5	ND<0.5	0.5	ND<0.5	197	(k)	---	3.0	PACE
MW-4	1/13/95	8.12	7.27	---	0.85	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	7.9	ATI
MW-4	4/13/95	8.12	6.51	---	1.61	73	---	1.2	ND<0.5	ND<0.5	ND<1	---	---	---	9.9	ATI
MW-4	7/11/95	8.12	6.21	---	1.91	82	---	0.57	ND<0.50	ND<0.50	ND<1.0	---	---	---	7.2	ATI
MW-4	11/2/95	8.12	6.78	---	1.34	71	---	1.4	0.96	0.99	2.8	140	---	---	8.6	ATI
MW-4	2/5/96	8.12	6.41	---	1.71	ND<50	---	ND<5	ND<10	ND<10	ND<10	200	---	---	4.4	SPL
MW-4	4/24/96	8.12	6.18	---	1.94	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	510	---	---	8.3	SPL
MW-4	7/15/96	8.12	6.63	---	1.49	ND<50	---	5.7	ND<1	ND<1	ND<1	550	---	---	7.4	SPL
MW-4	7/30/96	8.12	6.34	---	1.78	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/4/96	8.12	8.27	---	-0.15	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/5/96	8.12	---	---	---	460	---	ND<2.5	11	ND<5.0	ND<5.0	620/610	(f)	---	7.3	SPL
MW-4	5/17/97	8.12	7.00	---	1.12	---	---	---	---	---	---	---	---	---	---	---
MW-4	8/11/97	8.12	6.81	---	1.31	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/17/97	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	1/29/98	8.12	7.94	---	0.18	---	---	---	---	---	---	---	---	---	---	---
MW-4	6/22/98	8.12	7.49	---	0.63	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/30/98	8.12	8.21	---	-0.09	---	---	---	---	---	---	---	---	---	---	---
MW-4	3/9/99	8.12	7.70	---	0.42	1200	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2000	---	---	---	SPL
MW-4	6/23/99	8.12	8.81	---	-0.69	---	---	---	---	---	---	---	---	---	---	---
MW-4	9/23/99	8.12	8.32	---	-0.20	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/28/99	8.12	8.21	---	-0.09	---	---	---	---	---	---	---	---	---	---	---
MW-4	3/22/00	8.12	6.74	---	1.38	910	---	ND<0.5	ND<0.5	0.54	1.7	3800	---	---	---	PACE
MW-4	5/26/00	8.12	5.13	---	2.99	---	---	---	---	---	---	---	---	---	---	---
MW-4	9/15/00	8.12	8.20	---	-0.08	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/11/00	8.12	8.31	---	-0.19	---	---	---	---	---	---	---	---	---	---	---
MW-4 (h)	3/29/01	8.12	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-4	6/27/01	8.12	7.57	---	0.55	2800	---	18.9	ND<2.5	ND<2.5	ND<7.5	4220	---	---	---	PACE
MW-4	9/19/01	8.12	7.87	---	0.25	2500	---	ND<5.0	ND<5.0	ND<5.0	ND<15	3340	---	---	---	PACE
MW-4	12/28/01	8.12	7.80	---	0.32	4400	---	ND<5.0	ND<5.0	ND<5.0	ND<10	5330	---	---	---	PACE
MW-4	3/12/02	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	9/6/02	8.12	7.78	---	0.34	ND<2000	---	ND<20	ND<20	ND<20	ND<20	9600	---	---	---	SEQ
MW-4 (o)	12/13/02	8.12	7.87	---	0.25	5600	---	ND<50	ND<50	ND<50	ND<50	8600	---	---	---	SEQ
MW-4 (p)	2/19/03	8.12	4.84	---	3.28	ND<10000	---	ND<100	ND<100	ND<100	ND<100	8000	---	---	---	SEQ
MW-4	6/6/03	8.12	7.98	---	0.14	13000	---	ND<50	ND<50	ND<50	ND<50	6800	---	---	---	SEQ
MW-4	8/7/03	8.12	7.24	---	0.88	6200	---	ND<50	ND<50	ND<50	ND<50	6600	---	---	---	SEQ
MW-4	11/20/03	8.12	7.02	---	1.10	10000	---	ND<100	ND<100	ND<100	ND<100	11000	---	---	---	SEQ
MW-4	2/5/04	8.12	7.37	---	0.75	6900 (s)	---	ND<25	ND<25	ND<25	ND<25	4700	---	---	---	SEQ
MW-4	4/28/04	8.12	4.81	---	3.31	ND<25000	---	ND<250	ND<250	ND<250	ND<250	3600	---	---	---	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-5	10/12/93	7.69	6.01	---	1.68	---	---	---	---	---	---	---	(k)	---	---	---	PACE
MW-5	10/13/93	7.69	---	---	---	2300	---	160	10	ND<0.5	26	---	(k)	---	---	---	PACE
MW-5	2/15/94	7.69	5.74	---	1.95	5100	---	710	16	33	35	153	(d)(k)	---	---	4.0	PACE
MW-5	5/11/94	7.69	5.28	---	2.41	11000	---	1100	39	110	57	165	(d)(k)	---	---	8.0	PACE
MW-5	8/1/94	7.69	5.84	---	1.85	9000	---	730	35	61	41	196	(d)(k)	---	---	2.6	PACE
MW-5	10/18/94	7.69	6.01	---	1.68	7800	---	330	30	27	27	559	(k)	---	---	5.6	PACE
MW-5	1/13/95	7.69	4.74	---	2.95	ND<500	---	290	6	ND<5	18	---	---	---	---	6.8	ATI
MW-5	4/13/95	7.69	5.50	---	2.19	9100	---	400	15	52	27	---	---	---	---	7.4	ATI
MW-5	7/11/95	7.69	5.75	---	1.94	7300	---	390	13	28	23	---	---	---	---	7.2	ATI
MW-5	11/3/95	7.69	6.65	---	1.04	7200	---	270	15	38	23	200	---	---	---	8.4	ATI
MW-5	2/5/96	7.69	4.83	---	2.86	4600	---	370	15	53	28	ND<50	---	---	---	1.9	SPL
MW-5	4/24/96	7.69	6.09	---	1.60	3000	---	180	ND<10	32	14	ND<100	---	---	---	8.1	SPL
MW-5	7/15/96	7.69	6.57	---	1.12	---	---	---	---	---	---	---	---	---	---	---	---
MW-5	7/16/96	7.69	---	---	---	ND<50	---	190	ND<10	31	16	ND<100	---	---	---	8.3	SPL
MW-5	7/30/96	7.69	5.61	---	2.08	---	---	---	---	---	---	---	---	---	---	---	---
MW-5	8/12/96	7.69	---	---	---	2000	---	150	12	25	18.2	ND<50	---	---	---	7.6	SPL
MW-5	11/4/96	7.69	8.25	---	-0.56	---	---	---	---	---	---	---	---	---	---	---	---
MW-5	11/5/96	7.69	---	---	---	5200	---	42	5.5	13	ND<5.0	1700	---	---	---	7.4	SPL
MW-5	5/17/97	7.69	6.95	---	0.74	80	---	0.56	ND<1.0	ND<1.0	ND<1.0	46	---	---	---	6.7	SPL
MW-5	8/11/97	7.69	6.72	---	0.97	2700	---	20	12	6.7	9.7	1900	---	---	---	8.5	SPL
MW-5	11/17/97	7.69	9.49	---	-1.80	8400	---	25	12	8.7	5.4	13000	---	---	---	7.9	SPL
MW-5	1/29/98	7.69	7.88	---	-0.19	110000	---	2500	110	180	589	180000	---	---	---	6.8	SPL
MW-5	6/22/98	7.69	7.40	---	0.29	4400	---	47	10	29	20.5	47	---	---	---	6.6	SPL
MW-5	12/30/98	7.69	6.13	---	1.56	6000	---	18	9.1	22	16	63/44	(f)	---	---	---	SPL
MW-5	3/9/99	7.69	4.79	---	2.90	4600	---	8.8	5.5	12	11	24	---	---	---	---	SPL
MW-5	6/23/99	7.69	5.95	---	1.74	3400	---	1500	8.9	54	87	7500	---	---	---	---	SPL
MW-5	9/23/99	7.69	5.43	---	2.26	2600	---	510	14	140	650	580	---	---	---	---	SPL
MW-5	12/28/99	7.69	5.30	---	2.39	3500	---	900	18	57	140	4800	---	---	---	---	PACE
MW-5 (h)	3/22/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	5/26/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	9/6/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	9/15/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	12/11/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	3/29/01	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (j)	6/27/01	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (j)	9/19/01	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5	12/28/01	7.69	4.65	---	3.04	4600	---	19.9	24.6	16.2	57	72.3	---	---	---	---	PACE
MW-5	3/12/02	7.69	5.35	---	2.34	5100	---	45.4	13.7	22	38.9	31.6	---	---	---	---	PACE
MW-5	6/13/02	7.69	5.34	---	2.35	2900	---	31.8	ND<12.5	ND<12.5	ND<25	616	---	---	---	---	PACE
MW-5	9/6/02	7.69	5.46	---	2.23	3400	---	23	5.5	ND<5.0	11	230	---	---	---	---	SEQ
MW-5 (o)	12/13/02	7.69	5.47	---	2.22	2500	---	12	9.3	4.6	8.8	110	---	---	---	---	SEQ
MW-5 (p)	2/19/03	7.69	5.29	---	2.40	2800	---	11	5.4	9.7	12	6.4	---	---	---	---	SEQ
MW-5	6/6/03	7.69	5.30	---	2.39	3200	---	9.1	ND<5.0	7.6	9.3	ND<5.0	---	---	---	---	SEQ
MW-5	8/7/03	7.69	5.33	---	2.36	2200	---	7.3	ND<5.0	ND<5.0	9.1	18	---	---	---	---	SEQ
MW-5	11/20/03	7.69	5.39	---	2.30	3500	---	12	5.4	6.4	12	12	---	---	---	---	SEQ
MW-5	2/5/04	7.69	5.34	Sheen	2.35	2800	---	7.0	3.5	5.2	8.2	ND<2.5	---	---	---	---	SEQ
MW-5	4/28/04	7.69	5.53	Sheen	2.16	5700	---	7.8	4.2	5.2	11	11	---	---	---	---	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-6	10/12/93	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	2/15/94	8.52	6.31	--	2.21	68	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	38.1	(d)(k)	--	--	PACE
MW-6	5/11/94	8.52	6.15	--	2.37	68	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	48.5	(d)(k)	--	--	PACE
MW-6	8/1/94	8.52	6.46	--	2.06	91	--	ND<0.5	ND<0.5	ND<0.5	0.6	59.6	(k)	--	--	PACE
MW-6	10/18/94	8.52	6.72	--	1.80	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	84.6	(k)	--	--	PACE
MW-6	1/13/95	8.52	5.95	--	2.57	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	--	--	ATI
MW-6	4/13/95	8.52	5.44	--	3.08	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	--	--	ATI
MW-6	7/11/95	8.52	5.68	--	2.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	--	--	ATI
MW-6	11/2/95	8.52	6.57	--	1.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	35	--	--	--	ATI
MW-6	2/5/96	8.52	6.27	--	2.25	ND<50	--	ND<5	ND<10	ND<10	ND<10	ND<100	--	--	--	SPL
MW-6	4/24/96	8.52	5.95	--	2.57	ND<250	--	ND<2.5	ND<5	ND<5	ND<5	62	--	--	--	SPL
MW-6	7/15/96	8.52	6.39	--	2.13	ND<250	--	ND<2.5	ND<5	ND<5	ND<5	ND<50	--	--	--	SPL
MW-6	7/30/96	8.52	6.44	--	2.08	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/4/96	8.52	8.05	--	0.47	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/5/96	8.52	--	--	--	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	--	SPL
MW-6	5/17/97	8.52	6.75	--	1.77	--	--	--	--	--	--	--	--	--	--	--
MW-6	8/11/97	8.52	6.48	--	2.04	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/17/97	8.52	9.27	--	-0.75	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	--	SPL
MW-6	1/29/98	8.52	7.98	--	0.54	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/22/98	8.52	7.68	--	0.84	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/30/98	8.52	6.98	--	1.54	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/9/99	8.52	5.90	--	2.62	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/23/99	8.52	6.93	--	1.59	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/23/99	8.52	6.45	--	2.07	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/28/99	8.52	6.33	--	2.19	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/22/00	8.52	5.15	--	3.37	--	--	--	--	--	--	--	--	--	--	--
MW-6	5/26/00	8.52	5.72	--	2.80	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/15/00	8.52	6.02	--	2.50	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/11/00	8.52	6.20	--	2.32	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/29/01	8.52	5.34	--	3.18	750	--	ND<2.5	2.91	ND<2.5	11.8	820	--	--	--	PACE
MW-6	6/27/01	8.52	6.00	--	2.52	760	--	32.9	ND<2.5	ND<2.5	ND<7.5	968	--	--	--	PACE
MW-6	9/19/01	8.52	6.22	--	2.30	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<15	879	--	--	--	PACE
MW-6 (n)	12/28/01	8.52	4.71	--	3.81	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/12/02	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	9/6/02	8.52	6.14	--	2.38	130	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	240	--	--	--	SEQ
MW-6 (o)	12/13/02	8.52	6.05	--	2.47	140	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	200	--	--	--	SEQ
MW-6 (p)	2/19/03	8.52	5.40	--	3.12	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	150	--	--	--	SEQ
MW-6	6/6/03	8.52	5.54	--	2.98	1100	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	140	--	--	--	SEQ
MW-6	8/7/03	8.52	5.94	--	2.58	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	160	--	--	--	SEQ
MW-6	11/20/03	8.52	5.85	--	2.67	95	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	74	--	--	--	SEQ
MW-6	2/5/04	8.52	5.86	Sheen	2.66	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	76	--	--	--	SEQ
MW-6	4/28/04	8.52	5.45	--	3.07	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	120	--	--	--	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 (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-7	10/12/93	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	2/15/94	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	5/11/94	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	8/1/94	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	10/18/94	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	1/13/95	7.61	5.39	---	2.22	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	---	8.2	ATI
MW-7	4/13/95	7.61	5.17	---	2.44	63	---	ND<0.5	ND<0.5	ND<0.5	1.4	---	---	---	---	8.4	ATI
MW-7	7/11/95	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	11/2/95	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	2/5/96	7.61	5.69	---	1.92	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	40	---	---	---	1.9	SPL
MW-7	4/24/96	7.61	5.59	---	2.02	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	53	---	---	---	8.2	SPL
MW-7	7/15/96	7.61	6.07	---	1.54	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	ND<50	---	---	---	7.8	SPL
MW-7	7/30/96	7.61	6.04	---	1.57	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	11/4/96	7.61	7.76	---	-0.15	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	11/5/96	7.61	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	---	7.8	SPL
MW-7	5/17/97	7.61	6.42	---	1.19	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	8/11/97	7.61	6.06	---	1.55	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	11/17/97	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	1/29/98	7.61	7.44	---	0.17	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	6/22/98	7.61	7.39	---	0.22	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	12/30/98	7.61	5.51	---	2.10	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	3/9/99	7.61	5.57	---	2.04	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	6/23/99	7.61	6.69	---	0.92	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	9/23/99	7.61	6.23	---	1.38	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	12/28/99	7.61	6.08	---	1.53	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	3/22/00	7.61	4.88	---	2.73	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	5/26/00	7.61	5.42	---	2.19	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	9/15/00	7.61	5.79	---	1.82	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	12/11/00	7.61	5.93	---	1.68	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	3/29/01	7.61	5.24	---	2.37	600	---	ND<2.5	ND<2.5	ND<2.5	ND<7.5	636	---	---	---	---	PACE
MW-7	6/27/01	7.61	5.69	---	1.92	590	---	ND<2.5	ND<2.5	ND<2.5	ND<7.5	739	---	---	---	---	PACE
MW-7	9/19/01	7.61	5.89	---	1.72	560	---	ND<5.0	ND<5.0	ND<5.0	ND<15	1190	---	---	---	---	PACE
MW-7	12/28/01	7.61	4.53	---	3.08	910	---	22.7	ND<2.5	ND<2.5	ND<5.0	856	---	---	---	---	PACE
MW-7	3/12/02	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	9/6/02	7.61	5.77	---	1.84	350	---	ND<2.5	ND<2.5	ND<2.5	ND<2.5	690	---	---	---	---	SEQ
MW-7 (o)	12/13/02	7.61	5.65	---	1.96	1300	---	ND<10	ND<10	ND<10	ND<10	1800	---	---	---	---	SEQ
MW-7 (p)	2/19/03	7.61	5.07	---	2.54	1700	---	ND<10	ND<10	ND<10	ND<10	1600	---	---	---	---	SEQ
MW-7	6/6/03	7.61	5.27	---	2.34	1000	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	510	---	---	---	---	SEQ
MW-7	8/7/03	7.61	5.52	---	2.09	510	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	520	---	---	---	---	SEQ
MW-7	11/20/03	7.61	5.79	---	1.82	330	---	ND<2.5	ND<2.5	ND<2.5	ND<2.5	270	---	---	---	---	SEQ
MW-7	2/5/04	7.61	5.48	---	2.13	470	(s)	ND<2.5	ND<2.5	ND<2.5	ND<2.5	270	---	---	---	---	SEQ
MW-7	4/28/04	7.61	5.20	---	2.41	ND<250	---	ND<2.5	ND<2.5	ND<2.5	ND<2.5	71	---	---	---	---	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)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (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-8	10/12/93	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	2/15/94	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	5/11/94	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	8/1/94	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	10/18/94	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	1/13/95	8.60	4.96	---	3.64	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	---	6.9	ATI
MW-8	4/13/95	8.60	5.40	---	3.20	270	---	ND<0.5	ND<0.5	ND<0.5	4.4	---	---	---	---	8.4	ATI
MW-8	7/11/95	8.60	6.01	---	2.59	320	---	ND<0.50	ND<0.50	ND<0.50	3.5	---	---	---	---	8.0	ATI
MW-8	11/2/95	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	2/5/96	8.60	6.12	---	2.48	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100	---	---	---	1.5	SPL
MW-8	4/24/96	8.60	6.23	---	2.37	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100	---	---	---	8.7	SPL
MW-8	7/15/96	8.60	6.70	---	1.90	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	ND<50	---	---	---	8.4	SPL
MW-8	7/30/96	8.60	6.64	---	1.96	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	11/4/96	8.60	8.36	---	0.24	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	11/5/96	8.60	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	---	7.2	SPL
MW-8	5/17/97	8.60	7.03	---	1.57	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	8/11/97	8.60	6.05	---	2.55	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	11/17/97	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	1/29/98	8.60	7.90	---	0.70	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	6/22/98	8.60	7.72	---	0.88	---	---	---	---	---	---	---	---	---	---	---	---
MW-8 (h)	12/30/98	8.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-8 (h)	3/9/99	8.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	6/23/99	8.60	4.70	---	3.90	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	9/23/99	8.60	4.22	---	4.38	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	12/28/99	8.60	4.12	---	4.48	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	3/22/00	8.60	4.71	---	3.89	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	5/26/00	8.60	4.98	---	3.62	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	9/15/00	8.60	4.62	---	3.98	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	12/11/00	8.60	4.77	---	3.83	---	---	---	---	---	---	---	---	---	---	---	---
MW-8 (h)	3/29/01	8.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	6/27/01	8.60	5.11	---	3.49	570	---	ND<2.5	ND<2.5	2.58	ND<7.5	3.43	---	---	---	---	PACE
MW-8	9/19/01	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	12/28/01	8.60	4.15	---	4.45	440	---	ND<0.5	ND<0.5	0.975	ND<1.0	6.27	---	---	---	---	PACE
MW-8	3/12/02	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	9/6/02	8.60	5.18	---	3.42	98	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	76	---	---	---	---	SEQ
MW-8 (o)	12/13/02	8.60	4.84	---	3.76	120	---	ND<0.5	ND<0.5	0.94	0.52	140	---	---	---	---	SEQ
MW-8 (p)	2/19/03	8.60	4.45	---	4.15	ND<2500	---	ND<25	ND<25	ND<25	ND<25	800	---	---	---	---	SEQ
MW-8	6/6/03	8.60	5.00	---	3.60	ND<50000	---	ND<500	ND<500	ND<500	ND<500	17000	---	---	---	---	SEQ
MW-8	8/7/03	8.60	4.84	---	3.76	ND<2500	---	ND<25	ND<25	ND<25	ND<25	2400	---	---	---	---	SEQ
MW-8	11/20/03	8.60	4.48	---	4.12	ND<2500	---	ND<25	ND<25	ND<25	ND<25	1400	---	---	---	---	SEQ
MW-8	2/5/04	8.60	4.62	---	3.98	3200	(s)	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1600	---	---	---	---	SEQ
MW-8	4/15/04	8.60	4.66	---	3.94	730	---	ND<2.5	ND<2.5	ND<2.5	ND<2.5	170	---	---	---	---	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)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (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-9	10/12/93	8.08	5.66	0.08	2.48	---	---	---	---	---	---	---	---	---	---	---
MW-9	2/15/94	8.08	5.32	0.05	2.80	---	---	---	---	---	---	---	---	---	---	---
MW-9	5/11/94	8.08	5.57	---	2.51	---	---	---	---	---	---	---	---	---	---	---
MW-9	8/1/94	8.08	6.25	---	1.83	---	---	---	---	---	---	---	---	---	---	---
MW-9	10/18/94	8.08	5.59	0.13	2.59	---	---	---	---	---	---	---	---	---	---	---
MW-9	1/13/95	8.08	4.42	0.14	3.77	---	---	---	---	---	---	---	---	---	---	---
MW-9	4/13/95	8.08	4.06	0.11	4.10	---	---	---	---	---	---	---	---	---	---	---
MW-9	7/11/95	8.08	4.21	0.08	3.93	---	---	---	---	---	---	---	---	---	---	---
MW-9	11/2/95	8.08	5.22	0.05	2.90	---	---	---	---	---	---	---	---	---	---	---
MW-9	2/5/96	8.08	4.76	0.01	3.33	---	---	---	---	---	---	---	---	---	---	---
MW-9	4/24/96	8.08	4.62	0.09	3.53	---	---	---	---	---	---	---	---	---	---	---
MW-9	7/15/96	8.08	5.11	0.04	3.00	---	---	---	---	---	---	---	---	---	---	---
MW-9	7/30/96	8.08	5.15	---	2.93	---	---	---	---	---	---	---	---	---	---	---
MW-9	11/4/96	8.08	6.75	0.01	1.34	---	---	---	---	---	---	---	---	---	---	---
MW-9	5/17/97	8.08	5.42	---	2.66	97000	---	16000	7700	2300	18400	40000	---	---	7.0	SPL
QC-1 (e)	5/17/97	---	---	---	---	97000	---	16000	8200	2300	17300	39000	---	---	---	SPL
MW-9	8/11/97	8.08	5.37	---	2.71	71000	---	12000	340	2100	4300	26000	---	---	9.1	SPL
QC-1 (e)	8/11/97	---	---	---	---	100000	---	14000	360	3200	5790	27000	---	---	---	SPL
MW-9	11/17/97	8.08	5.62	Sheen	2.46	100000	---	22000	4800	3100	17900	32000	---	---	8.3	SPL
QC-1 (e)	11/17/97	---	---	---	---	100000	---	24000	5300	19300	35000	---	---	---	---	SPL
MW-9	1/29/98	8.08	4.07	Sheen	4.01	250000	---	20000	21000	3100	18500	110000	---	---	6.6	SPL
QC-1 (e)	1/29/98	---	---	---	---	250000	---	20000	20000	3100	18400	110000	---	---	---	SPL
MW-9	6/22/98	8.08	4.28	---	3.80	280000	---	21000	18000	3800	21200	110000	---	---	5.8	SPL
QC-1 (e)	6/22/98	---	---	---	---	290000	---	20000	17000	3800	21200	110000	---	---	---	SPL
MW-9	12/30/98	8.08	4.95	---	3.13	150000	---	10000	3800	2000	9600	86000/89000 (f)	---	---	---	SPL
MW-9	3/9/99	8.08	3.95	---	4.13	82000	---	6800	570	1400	4700	100000	---	---	---	SPL
MW-9	6/23/99	8.08	5.12	---	2.96	41000	---	11000	820	2300	5200	92000	---	---	---	SPL
MW-9	9/23/99	8.08	4.74	---	3.34	57000	---	12000	5400	1900	9500	89000	---	---	---	SPL
MW-9	12/28/99	8.08	4.58	---	3.50	46000	---	15000	490	2500	3500	100000	---	---	---	PACE
MW-9	3/22/00	8.08	3.90	---	4.18	86000	---	18000	1800	2300	6800	120000	---	---	---	PACE
MW-9	5/26/00	8.08	4.15	---	3.93	82000	---	17000	680	1800	3800	100000	---	---	---	PACE
MW-9	9/6/00	8.08	4.47	---	3.61	100000	---	19000	280	2400	6400	84000	---	---	---	PACE
MW-9	9/15/00	8.08	4.34	---	3.74	---	---	---	---	---	---	---	---	---	---	---
MW-9	12/11/00	8.08	4.41	---	3.67	110000	---	14400	768	2610	6670	123000	---	---	---	PACE
MW-9 (h)	3/29/01	8.08	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9 (m)	6/26/01	8.08	5.03	0.13	3.15 (l)	---	---	---	---	---	---	---	---	---	---	---
MW-9 (m)	9/19/01	8.08	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	12/28/01	8.08	3.73	---	4.35	110000	---	15000	1500	2280	5530	60900	---	---	---	PACE
MW-9	3/12/02	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	9/6/02	8.08	4.39	---	3.69	47000	---	10000	ND<100	2100	4600	31000	---	---	---	SEQ
MW-9 (o)	12/13/02	8.08	3.97	---	4.11	57000	---	11000	1000	2300	5800	28000	---	---	---	SEQ
MW-9 (p)	2/19/03	8.08	3.25	---	4.83	76000	---	10000	2100	3000	8900	11000	---	---	---	SEQ
MW-9	6/6/03	8.08	3.94	---	4.14	66000	---	9000	ND<500	2500	4400	17000	---	---	---	SEQ
MW-9	8/7/03	8.08	3.92	Sheen	4.16	53000	---	7600	ND<250	2600	4700	17000	---	---	---	SEQ
MW-9	11/20/03	8.08	4.89	---	3.19	40000	---	6800	ND<250	860	1100	16000	---	---	---	SEQ
MW-9	2/5/04	8.08	3.70	Sheen	4.38	50000 (s)	---	7000	ND<250	1900	3800	12000	---	---	---	SEQ
MW-9	4/29/04	8.08	3.19	Sheen	4.89	47000	---	5600	690	2300	6800	8500	---	---	---	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)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (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
QC-2 (g)	11/5/92	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	PACE
QC-2 (g)	10/12/93	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	PACE
QC-2 (g)	2/15/94	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	PACE
QC-2 (g)	5/11/94	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	PACE
QC-2 (g)	8/1/94	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	PACE
QC-2 (g)	10/18/94	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	PACE
QC-2 (g)	1/13/95	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	---	ATI
QC-2 (g)	4/13/95	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	---	ATI
QC-2 (g)	7/11/95	---	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	ATI
QC-2 (g)	11/2/95	---	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	---	ATI
QC-2 (g)	2/5/96	---	---	---	---	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	---	SPL
QC-2 (g)	4/24/96	---	---	---	---	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	---	SPL
QC-2 (g)	7/16/96	---	---	---	---	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 quantitation range but does not resemble the pattern of the requested fuel.
 - (r) Please note that 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). The resulting data may be impacted by the potential inclusion of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.
 - (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
	04/28/04	ND<1,000	950	200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
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
	04/28/04	ND<50,000	59,000	31,000	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
	04/28/04	ND<200	ND<40	87	ND<1.0	ND<1.0	3.9	ND<1.0	ND<1.0
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
	04/28/04	ND<50,000	15,000	3,600	ND<250	ND<250	ND<250	ND<250	ND<250
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
	04/28/04	ND<500	ND<100	11	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
	04/28/04	ND<500	ND<100	120	ND<2.5	ND<2.5	12	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
	04/28/04	ND<500	880	71	ND<2.5	ND<2.5	3.5	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
	04/28/04	ND<500	42000 (c)	170	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
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
	04/28/04	ND<25,000	ND<5,000	8,500	ND<120	ND<120	170	ND<120	ND<120

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

Note: All fuel oxygenate compounds analyzed using EPA Method 8260B

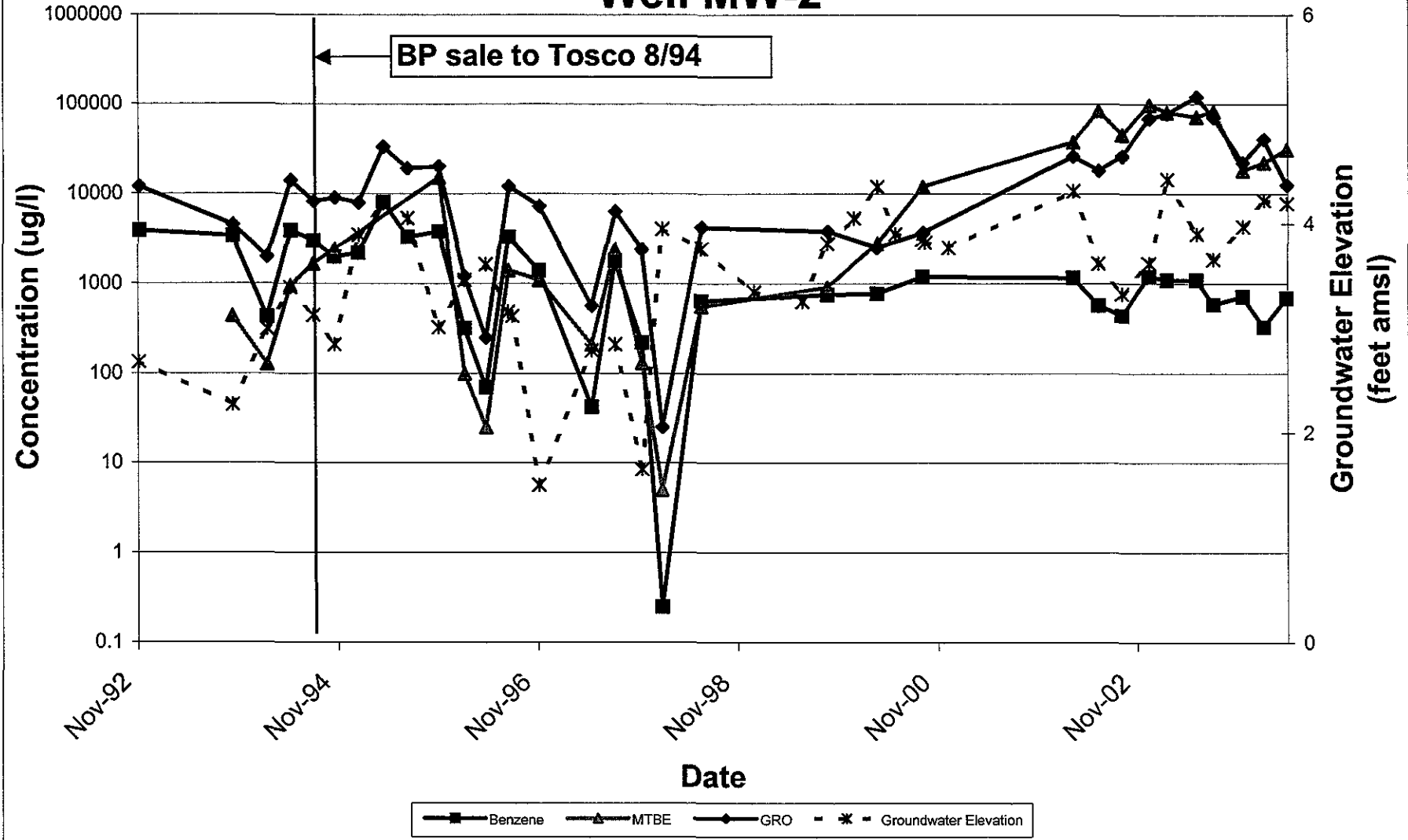
1,2-DCA = 1,2-Dibromoethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dichloroethane
ETBE = Ethyl tert butyl ether
µg/L = micrograms per liter
MTBE = Methyl tert-butyl ether
NA = Data not analyzed.
ND< = Not detected at or above the laboratory reporting limit.
TAME = tert-Amyl methyl ether
TBA = tert-Butyl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

(a) = Confirmatory analysis was past holding time
(b) = The continuing calibration verification was outside of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.
(c) = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.

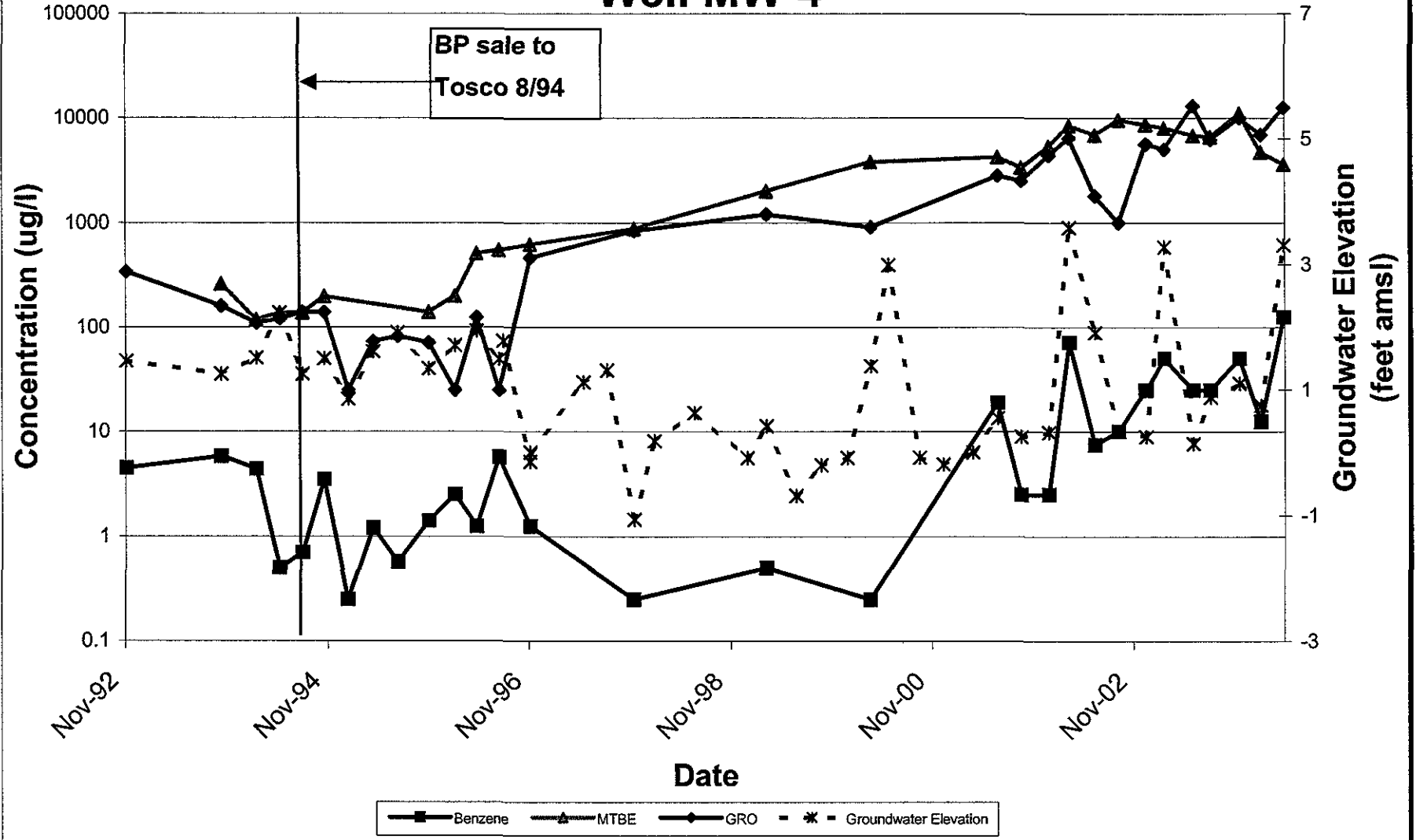
ATTACHMENT A

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

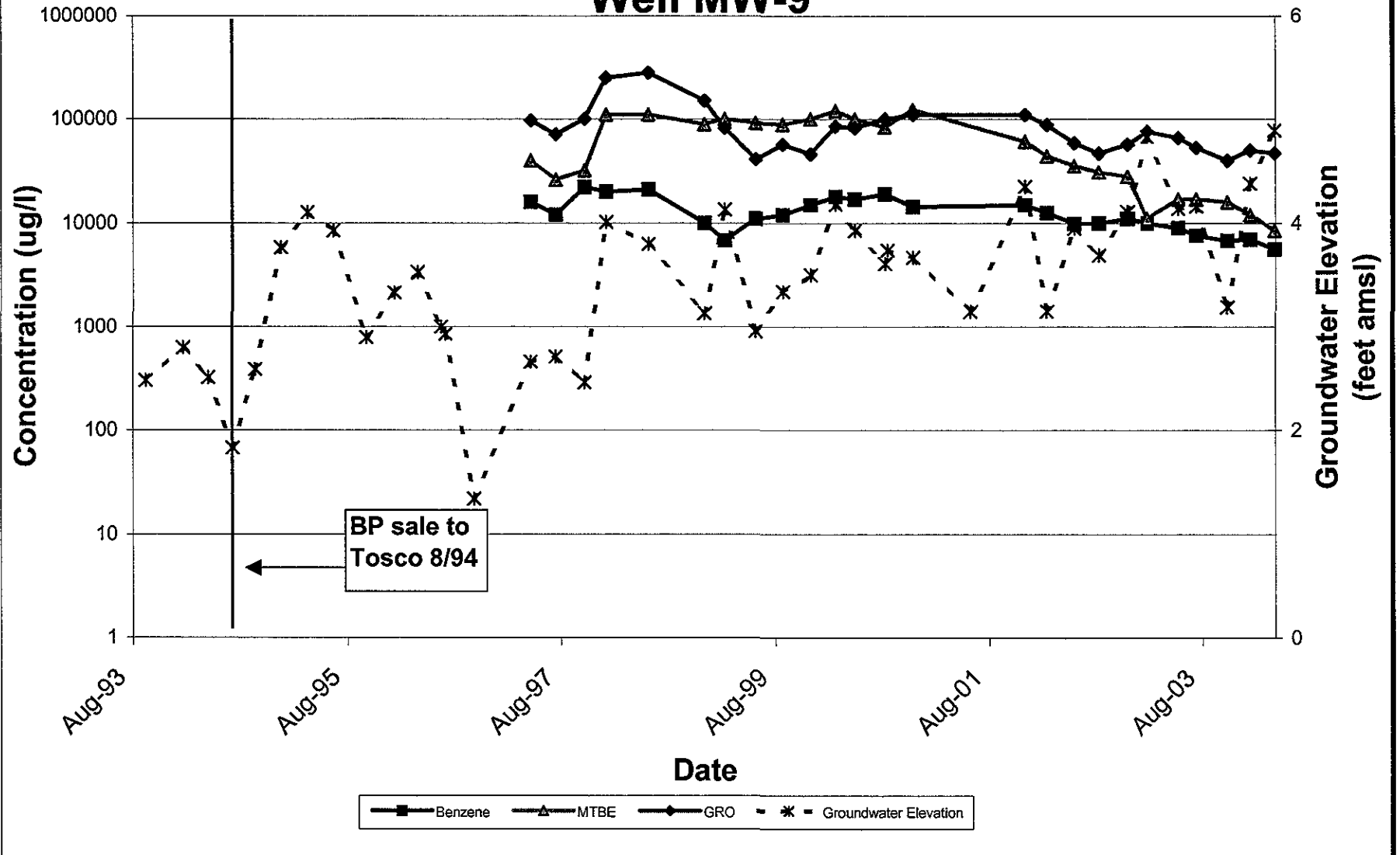
Concentration and Water Level Trends Well MW-2



Concentration and Water Level Trends Well MW-4



Concentration and Water Level Trends Well MW-9



ATTACHMENT B

FIELD PROCEDURES AND FIELD DATA SHEETS

WELL GAUGING DATA

Project # 042428-MU1 Date 4/28/01 Client 11126

Site 1700 Powell St., Emeryville

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-1	2					5.33	11.45	
MW-2	2					4.37	11.99	
MW-3	2					4.87	11.73	
MW-4	2	* Odor				4.81	10.81	
MW-5	2	Odor			5.53	12.32		
MW-6	2					5.45	12.43	
MW-7	2					5.20	13.68	
MW-8	2					4.66	13.78	
MW-9	4	0/Sheen				3.19	13.44	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040128-MD1	Station # 11126
Sampler: bhm DeLong	Date: 4/28/04
Well I.D.: MW-1	Well Diameter: 3 4 6 8
Total Well Depth: 16.45	Depth to Water: 5.33
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	x	3	=	3	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1052	66.7	6.8	2120	1	clear
1056	65.3	6.8	2130	2	"
1058	65.1	6.8	2190	3	clear

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: 3
Sampling Time: 1100	Sampling Date: 4/28/04
Sample I.D.: MW-1	Laboratory: Pace Sequoia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Scope
D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040928-MD1	Station # 11126
Sampler: bhm/DeJong	Date: 4/28/04
Well I.D.: MW-2	Well Diameter: <input checked="" type="radio"/> 2 3 4 6 8 _____
Total Well Depth: 1189	Depth to Water: 4.37
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> 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.

<u>1.2</u>	x	<u>3</u>	=	<u>3.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1132	66.7	6.8	2210	1.2	c/low, odor
1134	66.2	6.8	2229	2.4	ferrous, grey odor
1137	66.0	6.9	2242	3.6	ferrous, grey odor

Did well dewater? Yes No

Gallons actually evacuated: 3.6

Sampling Time: 1145 Sampling Date: 4/28/04

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040128-MD1	Station # 11126
Sampler: b/m D. Long	Date: 4/28/04
Well I.D.: MW-3	Well Diameter: 2 3 4 6 8
Total Well Depth: 11.73	Depth to Water: 4.87
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 Sampling Method: Bailer
 Disposable Bailer Disposable Bailer
 Positive Air Displacement Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

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.

<u>1.1</u>	x	<u>3</u>	=	<u>3.3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
0941	65.4	7.0	800	1.1	clear
0944	65.1	7.1	793	2.2	
0946	64.3	7.1	808	3.3	clear

Did well dewater? Yes No Gallons actually evacuated: 3.3

Sampling Time: 0950 Sampling Date: 4/28/04

Sample I.D.: MW-3 Laboratory: Pace Sequoia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040428-MD1	Station # 11126
Sampler: bml/clong	Date: 4/28/04
Well I.D.: MW-4	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 1081	Depth to Water: 4.81
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: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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	X	3	=	3	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1128	67.7	7.3	2600	1	clear
		well dewatered		1.2	DTW = 9.97
1250	68.7	7.2	2555	—	clear DTW = 9.03

Did well dewater? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Gallons actually evacuated: 1.2
Sampling Time: 1250	Sampling Date: 4/28/04
Sample I.D.: MW-4	Laboratory: Pace <input checked="" type="checkbox"/> Sequoia <input type="checkbox"/> Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See Scope
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040428-MW1	Station # 11126
Sampler: b/m/c Jony	Date: 4/28/04
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8
Total Well Depth: 12.72	Depth to Water: 5.53
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.

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

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1218	67.9	7.1	658	1.1	red, grey, silted
1222	68.2	7.1	650	2.2	
1224	68.0	7.1	672	3.3	red, grey

Did well dewater? Yes No Gallons actually evacuated: 9.3

Sampling Time: 1230 Sampling Date: 4/28/04

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>040428-MD1</u>	Station # <u>11126</u>
Sampler: <u>John DeLong</u>	Date: <u>4/28/04</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>12.43</u>	Depth to Water: <u>5.45</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> 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: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> 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.

<u>1.1</u>	x	<u>3</u>	=	<u>3.3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>1007</u>	<u>67.4</u>	<u>7.3</u>	<u>1861</u>	<u>1.1</u>	<u>cloudy</u>
<u>1010</u>	<u>68.2</u>	<u>7.3</u>	<u>1554</u>	<u>2.2</u>	<u> </u>
<u>1013</u>	<u>68.8</u>	<u>7.3</u>	<u>1555</u>	<u>3.3</u>	<u>cloudy</u>

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>3.3</u>	
Sampling Time: <u>10:20</u>	Sampling Date: <u>4/28/04</u>	
Sample I.D.: <u>MW-6</u>	Laboratory: Pace <u>(Sequoia)</u> Other _____	
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>See Scope</u>		
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 #: 040428-MD1	Station # 11126
Sampler: b/m DeJong	Date: 4/28/04
Well I.D.: MW-7	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 13.68	Depth to Water: 5.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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: <input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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.

<u>1.4</u>	x	<u>3</u>	=	<u>4.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1026	69.9	7.2	1998	1.4	clear
1028	69.9	7.2	2284	2.8	
1030	69.7	7.2	7522	4.2	cloudy
1032	69.7	7.3	5183	5.6	
1034	69.8	7.3	4782	7.0	clear

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>7.0</u>
Sampling Time: <u>1040</u>	Sampling Date: <u>4/28/04</u>
Sample I.D.: <u>MW-7</u>	Laboratory: Pace <u>Sequoia</u> Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>See Scope</u>		
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 #: 090928-MD1	Station # 1126
Sampler: bml/clong	Date: 4/28/04
Well I.D.: MW-8	Well Diameter: ② 3 4 6 8
Total Well Depth: 13.78	Depth to Water: 9.66
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 Sampling Method: Bailer

Disposable Bailer Disposable Bailer
 Positive Air Displacement Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

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.

<u>1.5</u>	x	<u>3</u>	=	<u>4.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1105	70.2	6.8	2142	1.5	clear
1108	69.6	6.8	2152	3	"
1111	69.2	6.9	2578	4.5	clear

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Time: 1115 Sampling Date: 4/28/04

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Scope

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 090928-MD1	Station # 11126
Sampler: bfm/DeJong	Date: 4/28/04
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 13.94	Depth to Water: 3.19
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 311
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible Extraction Pump
 Other: _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

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

7	x	3	=	21	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
11:53	66.0	7.0	898	7	⊗ after 2nd bailer full of water black sph ^{glow} was
		well dewatered		7	DTW = 12.77
1300	68.6	7.1	908	-	DTW = 5.36

Did well dewater? Yes No Gallons actually evacuated: 7

Sampling Time: 1300 Sampling Date: 4/28/04

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See SCOPE

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

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

⊗ after 2nd bailer full of water black sph^{glow} was
 - ... that Rail ... it a flat well casing

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

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

37

added equip. _____
rinse water _____ 1 _____

any other adjustments _____

TOTAL GALS. RECOVERED 38

loaded onto BTS vehicle # 59

BTS event #

time date

040478-WQ1 1370 41284

signature

REC'D AT

time date

1 1

unloaded by signature _____

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.

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 Group Environmental Management Company have been reviewed and verified by that laboratory.



18 May, 2004

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

RE: BP Heritage #11126, Emeryville, CA
Work Order: MND0755

Enclosed are the results of analyses for samples received by the laboratory on 04/29/04 15:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MND0755-01	Water	04/28/04 11:00	04/29/04 15:55
MW-2	MND0755-02	Water	04/28/04 11:45	04/29/04 15:55
MW-3	MND0755-03	Water	04/28/04 09:50	04/29/04 15:55
MW-4	MND0755-04	Water	04/28/04 12:50	04/29/04 15:55
MW-5	MND0755-05	Water	04/28/04 12:30	04/29/04 15:55
MW-6	MND0755-06	Water	04/28/04 10:20	04/29/04 15:55
MW-7	MND0755-07	Water	04/28/04 10:40	04/29/04 15:55
MW-8	MND0755-08	Water	04/28/04 11:15	04/29/04 15:55
MW-9	MND0755-09	Water	04/28/04 13:00	04/29/04 15:55

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

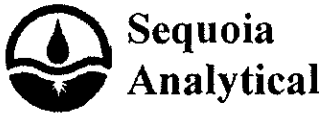
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MND0755-03) Water Sampled: 04/28/04 09:50 Received: 04/29/04 15:55									
Diesel Range Organics (C10-C36)	240	49	ug/l	1	4E05020	05/05/04	05/06/04	EPA 8015B- SVOA	HC-12
<i>Surrogate: n-Octacosane</i>		<i>112 %</i>	<i>34-123</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	



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

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

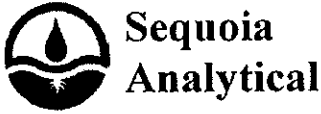
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MND0755-01) Water Sampled: 04/28/04 11:00 Received: 04/29/04 15:55									
Ethanol	ND	1000	ug/l	10	4E10024	05/10/04	05/11/04	EPA 8260B	
tert-Butyl alcohol	950	200	"	"	"	"	"	"	
Methyl tert-butyl ether	200	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Benzene	100	5.0	"	"	"	"	"	"	
Toluene	5.3	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	8.8	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	1600	500	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	78-129	"	"	"	"	"	
MW-2 (MND0755-02) Water Sampled: 04/28/04 11:45 Received: 04/29/04 15:55									
Ethanol	ND	50000	ug/l	500	4E10024	05/10/04	05/11/04	EPA 8260B	
tert-Butyl alcohol	59000	10000	"	"	"	"	"	"	
Methyl tert-butyl ether	31000	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	690	250	"	"	"	"	"	"	
Toluene	ND	250	"	"	"	"	"	"	
Ethylbenzene	ND	250	"	"	"	"	"	"	
Xylenes (total)	ND	250	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	25000	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	78-129	"	"	"	"	"	



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project. BP Heritage #11126, Emeryville, CA Project Number: N/P Project Manager Leonard Niles	MND0755 Reported: 05/18/04 18:51
---	---	--

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MND0755-03) Water Sampled: 04/28/04 09:50 Received: 04/29/04 15:55									
Ethanol	ND	200	ug/l	2	4E10024	05/10/04	05/11/04	EPA 8260B	
tert-Butyl alcohol	ND	40	"	"	"	"	"	"	
Methyl tert-butyl ether	87	1.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
tert-Amyl methyl ether	3.9	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	100	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	78-129	"	"	"	"	"	
MW-4 (MND0755-04) Water Sampled: 04/28/04 12:50 Received: 04/29/04 15:55									
Ethanol	ND	50000	ug/l	500	4E12005	05/12/04	05/12/04	EPA 8260B	
tert-Butyl alcohol	15000	10000	"	"	"	"	"	"	
Methyl tert-butyl ether	3600	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	ND	250	"	"	"	"	"	"	
Toluene	ND	250	"	"	"	"	"	"	
Ethylbenzene	ND	250	"	"	"	"	"	"	
Xylenes (total)	ND	250	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	25000	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		119 %	78-129	"	"	"	"	"	



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

Project: BP Heritage #11126, Emeryville, CA
 Project Number: N/P
 Project Manager: Leonard Niles

MND0755
 Reported:
 05/18/04 18:51

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MND0755-05) Water Sampled: 04/28/04 12:30 Received: 04/29/04 15:55									
Ethanol	ND	500	ug/l	5	4E10024	05/10/04	05/11/04	EPA 8260B	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	11	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	7.8	2.5	"	"	"	"	"	"	
Toluene	4.2	2.5	"	"	"	"	"	"	
Ethylbenzene	5.2	2.5	"	"	"	"	"	"	
Xylenes (total)	11	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	5700	250	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	78-129	"	"	"	"	"	
MW-6 (MND0755-06) Water Sampled: 04/28/04 10:20 Received: 04/29/04 15:55									
Ethanol	ND	500	ug/l	5	4E10024	05/10/04	05/11/04	EPA 8260B	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	120	2.5	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
tert-Amyl methyl ether	12	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 (C4-C12)	ND	250	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	78-129	"	"	"	"	"	

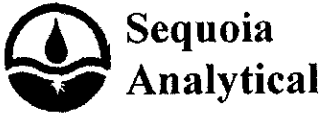
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

**Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MND0755-07) Water Sampled: 04/28/04 10:40 Received: 04/29/04 15:55									
Ethanol	ND	500	ug/l	5	4E12005	05/12/04	05/12/04	EPA 8260B	
tert-Butyl alcohol	880	100	"	"	"	"	"	"	
Methyl tert-butyl ether	71	2.5	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
tert-Amyl methyl ether	3.5	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 (C4-C12)	ND	250	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		119 %	78-129	"	"	"	"	"	
MW-8 (MND0755-08) Water Sampled: 04/28/04 11:15 Received: 04/29/04 15:55									
Ethanol	ND	500	ug/l	5	4E10024	05/10/04	05/11/04	EPA 8260B	
tert-Butyl alcohol	42000	100	"	"	"	"	"	"	E
Methyl tert-butyl ether	170	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	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	730	250	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	78-129	"	"	"	"	"	



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

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

Project. BP Heritage #11126, Emeryville, CA
 Project Number. N/P
 Project Manager. Leonard Niles

MND0755
 Reported:
 05/18/04 18:51

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MND0755-09) Water Sampled: 04/28/04 13:00 Received: 04/29/04 15:55									
Ethanol	ND	25000	ug/l	250	4E12005	05/12/04	05/12/04	EPA 8260B	
tert-Butyl alcohol	ND	5000	"	"	"	"	"	"	
Methyl tert-butyl ether	8500	120	"	"	"	"	"	"	
Di-isopropyl ether	ND	120	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	120	"	"	"	"	"	"	
tert-Amyl methyl ether	170	120	"	"	"	"	"	"	
1,2-Dichloroethane	ND	120	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	120	"	"	"	"	"	"	
Benzene	5600	120	"	"	"	"	"	"	
Toluene	690	120	"	"	"	"	"	"	
Ethylbenzene	2300	120	"	"	"	"	"	"	
Xylenes (total)	6800	120	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	47000	12000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		112 %		78-129	"	"	"	"	



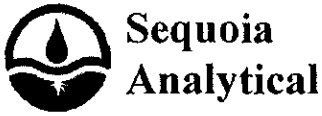
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project. BP Heritage #11126, Emeryville, CA
Project Number. N/P
Project Manager Leonard Niles

MND0755
Reported:
05/18/04 18:51

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MND0755-03) Water Sampled: 04/28/04 09:50 Received: 04/29/04 15:55									
Oil & Grease (HEM)	ND	5100	ug/l	1	4E05005	05/05/04	05/05/04	EPA 1664A	



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

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: BP Heritage #11126, Emeryville, CA Project Number. N/P Project Manager. Leonard Niles	MND0755 Reported: 05/18/04 18:51
---	--	--

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4E05020 - EPA 3510C										
Blank (4E05020-BLK1) Prepared: 05/05/04 Analyzed: 05/06/04										
Diesel Range Organics (C10-C36)	ND	50	ug/l							
Surrogate: n-Octacosane	35.1		"	50.0		70.2	34-123			
Laboratory Control Sample (4E05020-BS1) Prepared: 05/05/04 Analyzed: 05/06/04										
Diesel Range Organics (C10-C36)	455	50	ug/l	500		91.0	51-128			
Surrogate: n-Octacosane	35.5		"	50.0		71.0	34-123			
Laboratory Control Sample Dup (4E05020-BSD1) Prepared: 05/05/04 Analyzed: 05/06/04										
Diesel Range Organics (C10-C36)	451	50	ug/l	500		90.2	51-128	0.883	27	
Surrogate: n-Octacosane	35.7		"	50.0		71.4	34-123			



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

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

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 4E10024 - EPA 5030B P/T

Prepared: 05/10/04 Analyzed: 05/11/04

Blank (4E10024-BLK1)

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 (C4-C12)	ND	50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.68		"	5.00		114	78-129			

Laboratory Control Sample (4E10024-BS1)

Prepared & Analyzed: 05/10/04

Ethanol	161	100	ug/l	200		80.5	31-143			
tert-Butyl alcohol	56.7	20	"	50.0		113	56-131			
Methyl tert-butyl ether	9.98	0.50	"	10.0		99.8	63-137			
Di-isopropyl ether	9.02	0.50	"	10.0		90.2	76-130			
Ethyl tert-butyl ether	10.6	0.50	"	10.0		106	81-121			
tert-Amyl methyl ether	10.8	0.50	"	10.0		108	82-140			
1,2-Dichloroethane	10.1	0.50	"	10.0		101	77-136			
1,2-Dibromoethane (EDB)	11.4	0.50	"	10.0		114	77-132			
Benzene	9.51	0.50	"	10.0		95.1	69-124			
Toluene	10.7	0.50	"	10.0		107	78-129			
Ethylbenzene	10.2	0.50	"	10.0		102	84-132			
Xylenes (total)	32.4	0.50	"	30.0		108	83-137			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.78		"	5.00		116	78-129			

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

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

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 4E10024 - EPA 5030B P/T
Laboratory Control Sample (4E10024-BS2)

Prepared & Analyzed: 05/10/04

Methyl tert-butyl ether	9.42	0.50	ug/l	9.92		95.0	63-137			
Benzene	5.86	0.50	"	6.40		91.6	69-124			
Toluene	34.8	0.50	"	29.7		117	78-129			
Ethylbenzene	8.18	0.50	"	6.96		118	84-132			
Xylenes (total)	41.3	0.50	"	33.7		123	83-137			
Gasoline Range Organics (C4-C12)	428	50	"	440		97.3	70-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.62</i>		<i>"</i>	<i>5.00</i>		<i>112</i>	<i>78-129</i>			

Laboratory Control Sample Dup (4E10024-BSD1)

Prepared & Analyzed: 05/10/04

Ethanol	165	100	ug/l	200		82.5	31-143	2.45	20	
tert-Butyl alcohol	66.5	20	"	50.0		133	56-131	15.9	20	QL01
Methyl tert-butyl ether	10.0	0.50	"	10.0		100	63-137	0.200	20	
Di-isopropyl ether	9.33	0.50	"	10.0		93.3	76-130	3.38	20	
Ethyl tert-butyl ether	11.0	0.50	"	10.0		110	81-121	3.70	20	
tert-Amyl methyl ether	11.4	0.50	"	10.0		114	82-140	5.41	20	
1,2-Dichloroethane	10.3	0.50	"	10.0		103	77-136	1.96	20	
1,2-Dibromoethane (EDB)	12.0	0.50	"	10.0		120	77-132	5.13	20	
Benzene	9.51	0.50	"	10.0		95.1	69-124	0.00	20	
Toluene	11.0	0.50	"	10.0		110	78-129	2.76	20	
Ethylbenzene	10.7	0.50	"	10.0		107	84-132	4.78	20	
Xylenes (total)	33.6	0.50	"	30.0		112	83-137	3.64	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.73</i>		<i>"</i>	<i>5.00</i>		<i>115</i>	<i>78-129</i>			

Laboratory Control Sample Dup (4E10024-BSD2)

Prepared & Analyzed: 05/10/04

Methyl tert-butyl ether	9.40	0.50	ug/l	9.92		94.8	63-137	0.213	20	
Benzene	5.75	0.50	"	6.40		89.8	69-124	1.89	20	
Toluene	33.6	0.50	"	29.7		113	78-129	3.51	20	
Ethylbenzene	7.56	0.50	"	6.96		109	84-132	7.88	20	
Xylenes (total)	38.2	0.50	"	33.7		113	83-137	7.80	20	
Gasoline Range Organics (C4-C12)	416	50	"	440		94.5	70-124	2.84	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.76</i>		<i>"</i>	<i>5.00</i>		<i>115</i>	<i>78-129</i>			



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

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

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 4E12005 - EPA 5030B P/T

Blank (4E12005-BLK1)

Prepared & Analyzed: 05/12/04

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 (C4-C12)	ND	50	"							

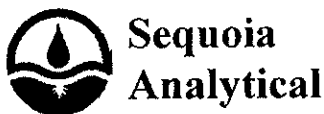
Surrogate: 1,2-Dichloroethane-d4 5.78 " 5.00 116 78-129

Laboratory Control Sample (4E12005-BS1)

Prepared & Analyzed: 05/12/04

Ethanol	175	100	ug/l	200		87.5	31-186			
tert-Butyl alcohol	64.3	20	"	50.0		129	0-206			
Methyl tert-butyl ether	12.5	0.50	"	10.0		125	63-137			
Di-isopropyl ether	10.5	0.50	"	10.0		105	76-130			
Ethyl tert-butyl ether	12.2	0.50	"	10.0		122	61-141			
tert-Amyl methyl ether	12.2	0.50	"	10.0		122	56-140			
1,2-Dichloroethane	11.7	0.50	"	10.0		117	77-136			
1,2-Dibromoethane (EDB)	12.3	0.50	"	10.0		123	77-132			
Benzene	10.8	0.50	"	10.0		108	78-124			
Toluene	12.0	0.50	"	10.0		120	78-129			
Ethylbenzene	10.8	0.50	"	10.0		108	84-117			
Xylenes (total)	34.5	0.50	"	30.0		115	83-125			

Surrogate: 1,2-Dichloroethane-d4 5.94 " 5.00 119 78-129



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

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

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 4E12005 - EPA 5030B P/T

Laboratory Control Sample (4E12005-BS2)

Prepared & Analyzed: 05/12/04

Gasoline Range Organics (C4-C12)	461	50	ug/l	440		105	70-124			
Surrogate: 1,2-Dichloroethane-d4	6.06		"	5.00		121	78-129			

Laboratory Control Sample Dup (4E12005-BSD1)

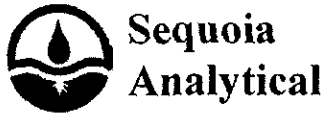
Prepared: 05/12/04 Analyzed: 05/13/04

Ethanol	154	100	ug/l	200		77.0	31-186	12.8	37	
tert-Butyl alcohol	49.9	20	"	50.0		99.8	0-206	25.2	22	QC21
Methyl tert-butyl ether	12.0	0.50	"	10.0		120	63-137	4.08	13	
Di-isopropyl ether	9.94	0.50	"	10.0		99.4	76-130	5.48	9	
Ethyl tert-butyl ether	11.4	0.50	"	10.0		114	61-141	6.78	9	
tert-Amyl methyl ether	11.3	0.50	"	10.0		113	56-140	7.66	12	
1,2-Dichloroethane	11.4	0.50	"	10.0		114	77-136	2.60	13	
1,2-Dibromoethane (EDB)	12.0	0.50	"	10.0		120	77-132	2.47	9	
Benzene	10.5	0.50	"	10.0		105	78-124	2.82	12	
Toluene	11.6	0.50	"	10.0		116	78-129	3.39	10	
Ethylbenzene	10.4	0.50	"	10.0		104	84-117	3.77	10	
Xylenes (total)	32.7	0.50	"	30.0		109	83-125	5.36	11	
Surrogate: 1,2-Dichloroethane-d4	5.56		"	5.00		111	78-129			

Laboratory Control Sample Dup (4E12005-BSD2)

Prepared: 05/12/04 Analyzed: 05/13/04

Gasoline Range Organics (C4-C12)	465	50	ug/l	440		106	70-124	0.864	20	
Surrogate: 1,2-Dichloroethane-d4	6.05		"	5.00		121	78-129			



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project BP Heritage #11126, Emeryville, CA Project Number. N/P Project Manager Leonard Niles	MND0755 Reported: 05/18/04 18:51
---	--	--

**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 4E05005 - General Prep

Blank (4E05005-BLK1)				Prepared & Analyzed: 05/05/04						
Oil & Grease (HEM)	ND	5000	ug/l							
Laboratory Control Sample (4E05005-BS1)				Prepared & Analyzed: 05/05/04						
Oil & Grease (HEM)	18300	5000	ug/l	20000		91.5	78-118			
Laboratory Control Sample Dup (4E05005-BSD1)				Prepared & Analyzed: 05/05/04						
Oil & Grease (HEM)	18700	5000	ug/l	20000		93.5	78-118	2 16	18	

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

Project: BP Heritage #11126, Emeryville, CA
Project Number: N/P
Project Manager: Leonard Niles

MND0755
Reported:
05/18/04 18:51

Notes and Definitions

- QL01 The LCS recovery was above the control limit by 2%. This should be considered in evaluating the results for this batch for their intended purpose.
- QC21 The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- HC-12 Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- 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

MNDO755

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

On-site Time: 8:40 Temp: 60
 Off-site Time: 13:30 Temp: 8.1
 Sky Conditions: clear
 Meteorological Events:
 Wind Speed: Direction:

Date: 4/28/04

Send To:	BP/GEM Facility No.: 11126	Consultant/Contractor: URS
Lab Name: SEQUOIA	BP/GEM Facility Address: 1700 POWELL ST., EMERYVILLE, CA	Address: 1333 Broadway, Suite 800
Lab Address: 885 Jarvis Dr. Morgan Hill, CA 95037	Site ID No. 11126	Oakland, CA 94612
Lab PM Lisa Race	Site Lat/Long:	e-mail EDD: donna.casper@URSCorp.com
Tele/Fax: 408-782-8156 / 408-782-6308	California Global ID #: T0600100208	Consultant/Contractor Project No.:
Report Type & QC Level: 1 Send EDF Reports	BP/GEM PM Contact: PAUL SUPPLE	Consultant Tele/Fax: 510-893-3600/510-874-3268
BP/GEM Account No.: 400-6-21124	Address: P.O. Box 6549 Moraga, CA 94570	Consultant/Contractor PM: Leonard Niles
Lab Bottle Order No:	Tele/Fax: 925-299-8891/925-299-8872	Invoice to: Consultant/Contractor or <u>BP/GEM</u> (Circle one)
		BP/GEM Work Release No:

Item No.	Sample Description	Time	Matrix				Laboratory No.	No. of containers	Preservatives			Requested Analysis							Sample Point Lat/Long and Comments		
			Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	GRO/BTEX (8260)	DRO w/SGC (8019)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE DIPS, TEA (8260)	1,2-DCA & EDB (8260)		Ethanol (8260)	TOG (1864)
1	MW-1	1100		✓			01	3						✓	✓	✓	✓				
2	MW-2	1145		✓			02	3						✓	✓	✓	✓				
3	MW-3	0950		✓			03	4						✓	✓	✓	✓				
4	MW-4	1250		✓			04	3						✓	✓	✓	✓				
5	MW-5	1230		✓			05	3						✓	✓	✓	✓				
6	MW-6	1020		✓			06	3						✓	✓	✓	✓				
7	MW-7	1040		✓			07	3						✓	✓	✓	✓				
8	MW-8	1115		✓			08	3						✓	✓	✓	✓				
9	MW-9	1300		✓			09	3						✓	✓	✓	✓				
10																					

Sampler's Name: <u>John DeLong</u>	Relinquished By / Affiliation: <u>[Signature]</u> / <u>BTS</u>	Date: <u>4/29/04</u>	Time: <u>1140</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>4/29/04</u>	Time: <u>1140</u>
Sampler's Company: <u>Black Truck Service</u>						
Shipment Date:						
Shipment Method:						
Tracking No:						

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

Place Yes No Temperature Blank Yes No Cooler Temperature on Receipt 3 Trip Blank Yes No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: <u>URS</u>	DATE REC'D AT LAB: <u>4-29-04</u>	DRINKING WATER for regulatory purposes: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
REC. BY (PRINT) <u>EB</u>	TIME REC'D AT LAB: <u>1555</u>	WASTE WATER for regulatory purposes: YES / NO <input type="checkbox"/>
WORKORDER: <u>MND0755</u>	DATE LOGGED IN: <u>4-30-04</u>	

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <u>Present / Absent</u> Intact / Broken			<u>MW-1</u>	<u>3 won</u>	<u>ACU</u>	<u>L</u>	<u>4-29-04</u>	
2. Chain-of-Custody <u>Present / Absent*</u>			<u>MW-2</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
3. Traffic Reports or Packing List: <u>Present / Absent</u>			<u>MW-3</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
4. Airbill: <u>Airbill / Sticker</u> <u>Present / Absent</u>			<u>MW-4</u>	<u>2 ambu.</u>	<u>-</u>	<u>↓</u>	<u>↓</u>	
5. Airbill #:			<u>5</u>	<u>2 ambu</u>	<u>ACU</u>	<u>↓</u>	<u>↓</u>	
6. Sample Labels: <u>Present / Absent</u>			<u>6</u>	<u>3 won</u>	<u>ACU</u>	<u>↓</u>	<u>↓</u>	
7. Sample IDs: <u>Listed / Not Listed</u> <u>on Chain-of-Custody</u>			<u>7</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
8. Sample Condition: <u>Intact / Broken* / Leaking*</u>			<u>8</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes / No*</u>			<u>9</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
10. Sample received within hold time: <u>Yes / No*</u>								
11. Adequate sample volume received? <u>Yes / No*</u>								
12. Proper Preservatives used: <u>Yes / No*</u>								
13. Temp Rec. at Lab: <u>5°C</u> Is temp 4 ±2°C? <u>Yes / No*</u>								

ATTACHMENT D

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

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: QMR Q2 2004 Site 11126
Submittal Date/Time: 5/5/2004 4:24:25 PM
Confirmation Number: 2509312272

[Back to Main Menu](#)

Logged in as URSCORP-OAKLAND
(CONTRACTOR)

[CONTACT SITE ADMINISTRATOR](#)

AB2886 Electronic Delivery

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 2377818048

Date/Time of Submittal: 5/20/2004 10:46:41 AM

Facility Global ID: T0600100208

Facility Name: BP MOBIL

Submittal Title: QMR Q2 2004 Site 11126

Submittal Type: GW Monitoring Report

Logged in as URSCORP-OAKLAND
(CONTRACTOR)

CONTACT SITE [ADMINISTRATOR](#).

Error Summary Log

05/21/04

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:	MND0755
Global ID:	T0600100208
Lab Report Number:	MND0755051820041851

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
MND0755051820	MW-1	MND075501	W	CS	8260FA	SW5030B	04/28/04	05/10/04	05/11/04	4E10024	1	
041851												
MND0755051820	MW-2	MND075502	W	CS	8260FA	SW5030B	04/28/04	05/10/04	05/11/04	4E10024	1	
041851												
MND0755051820	MW-3	MND075503	W	CS	8260FA	SW5030B	04/28/04	05/10/04	05/11/04	4E10024	1	
041851												
MND0755051820	MW-3	MND075503	W	CS	E1664A	METHOD	04/28/04	05/05/04	05/05/04	4E05005	1	
041851												
MND0755051820	MW-3	MND075503S	W	CS	SW8015B	SW3510C	04/28/04	05/05/04	05/06/04	4E05020	1	
041851												
MND0755051820	MW-4	MND075504	W	CS	8260FA	SW5030B	04/28/04	05/12/04	05/12/04	4E12005	1	
041851												
MND0755051820	MW-5	MND075505	W	CS	8260FA	SW5030B	04/28/04	05/10/04	05/11/04	4E10024	1	
041851												
MND0755051820	MW-6	MND075506	W	CS	8260FA	SW5030B	04/28/04	05/10/04	05/11/04	4E10024	1	
041851												
MND0755051820	MW-7	MND075507	W	CS	8260FA	SW5030B	04/28/04	05/12/04	05/12/04	4E12005	1	
041851												
MND0755051820	MW-8	MND075508	W	CS	8260FA	SW5030B	04/28/04	05/10/04	05/11/04	4E10024	1	
041851												
MND0755051820	MW-9	MND075509	W	CS	8260FA	SW5030B	04/28/04	05/12/04	05/12/04	4E12005	1	
041851												
		4E05005BSD1	WQ	BD1	E1664A	METHOD	//	05/05/04	05/05/04	4E05005	1	
		4E05005BS1	WQ	BS1	E1664A	METHOD	//	05/05/04	05/05/04	4E05005	1	
		4E05005BLK1	WQ	LB1	E1664A	METHOD	//	05/05/04	05/05/04	4E05005	1	
		4E05020BSD1S	WQ	BD1	SW8015B	SW3510C	//	05/05/04	05/06/04	4E05020	1	
		4E05020BS1S	WQ	BS1	SW8015B	SW3510C	//	05/05/04	05/06/04	4E05020	1	
		4E05020BLK1S	WQ	LB1	SW8015B	SW3510C	//	05/05/04	05/06/04	4E05020	1	
		4E10024BSD1	WQ	BD1	8260FA	SW5030B	//	05/10/04	05/10/04	4E10024	1	
		4E10024BSD2	WQ	BD2	8260FA	SW5030B	//	05/10/04	05/10/04	4E10024	1	
		4E10024BS1	WQ	BS1	8260FA	SW5030B	//	05/10/04	05/10/04	4E10024	1	
		4E10024BS2	WQ	BS2	8260FA	SW5030B	//	05/10/04	05/10/04	4E10024	1	
		4E10024BLK1	WQ	LB1	8260FA	SW5030B	//	05/10/04	05/11/04	4E10024	1	
		4E12005BSD1	WQ	BD1	8260FA	SW5030B	//	05/12/04	05/13/04	4E12005	1	
		4E12005BSD2	WQ	BD2	8260FA	SW5030B	//	05/12/04	05/13/04	4E12005	1	
		4E12005BS1	WQ	BS1	8260FA	SW5030B	//	05/12/04	05/12/04	4E12005	1	
		4E12005BS2	WQ	BS2	8260FA	SW5030B	//	05/12/04	05/12/04	4E12005	1	
		4E12005BLK1	WQ	LB1	8260FA	SW5030B	//	05/12/04	05/12/04	4E12005	1	

EDFSAMP: Error Summary Log

05/21/04

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

EDFTEST: Error Summary Log

05/21/04

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

EDFRES: Error Summary Log

05/21/04

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MND075501	CS	W	8260FA	PR	05/11/04	1	BZ
Warning: extra parameter	MND075501	CS	W	8260FA	PR	05/11/04	1	BZME
Warning: extra parameter	MND075501	CS	W	8260FA	PR	05/11/04	1	DCA12D4
Warning: extra parameter	MND075501	CS	W	8260FA	PR	05/11/04	1	EBZ
Warning: extra parameter	MND075501	CS	W	8260FA	PR	05/11/04	1	GROC4C12
Warning: extra parameter	MND075501	CS	W	8260FA	PR	05/11/04	1	XYLENES
Warning: extra parameter	MND075502	CS	W	8260FA	PR	05/11/04	1	BZ
Warning: extra parameter	MND075502	CS	W	8260FA	PR	05/11/04	1	BZME
Warning: extra parameter	MND075502	CS	W	8260FA	PR	05/11/04	1	DCA12D4
Warning: extra parameter	MND075502	CS	W	8260FA	PR	05/11/04	1	EBZ
Warning: extra parameter	MND075502	CS	W	8260FA	PR	05/11/04	1	GROC4C12
Warning: extra parameter	MND075502	CS	W	8260FA	PR	05/11/04	1	XYLENES
Warning: extra parameter	MND075503	CS	W	8260FA	PR	05/11/04	1	BZ
Warning: extra parameter	MND075503	CS	W	8260FA	PR	05/11/04	1	BZME
Warning: extra parameter	MND075503	CS	W	8260FA	PR	05/11/04	1	DCA12D4
Warning: extra parameter	MND075503	CS	W	8260FA	PR	05/11/04	1	EBZ
Warning: extra parameter	MND075503	CS	W	8260FA	PR	05/11/04	1	GROC4C12
Warning: extra parameter	MND075503	CS	W	8260FA	PR	05/11/04	1	XYLENES
Warning: extra parameter	MND075503	CS	W	E1664A	PR	05/05/04	1	OILGREASE
Warning: extra parameter	MND075503S	CS	W	SW8015B	PR	05/06/04	1	630-02-4
Warning: extra parameter	MND075503S	CS	W	SW8015B	PR	05/06/04	1	TPHC10C36
Warning: extra parameter	MND075504	CS	W	8260FA	PR	05/12/04	1	BZ
Warning: extra parameter	MND075504	CS	W	8260FA	PR	05/12/04	1	BZME
Warning: extra parameter	MND075504	CS	W	8260FA	PR	05/12/04	1	DCA12D4
Warning: extra parameter	MND075504	CS	W	8260FA	PR	05/12/04	1	EBZ

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MND075504	CS	W	8260FA	PR	05/12/04	1	GROC4C12
Warning: extra parameter	MND075504	CS	W	8260FA	PR	05/12/04	1	XYLENES
Warning: extra parameter	MND075505	CS	W	8260FA	PR	05/11/04	1	BZ
Warning: extra parameter	MND075505	CS	W	8260FA	PR	05/11/04	1	BZME
Warning: extra parameter	MND075505	CS	W	8260FA	PR	05/11/04	1	DCA12D4
Warning: extra parameter	MND075505	CS	W	8260FA	PR	05/11/04	1	EBZ
Warning: extra parameter	MND075505	CS	W	8260FA	PR	05/11/04	1	GROC4C12
Warning: extra parameter	MND075505	CS	W	8260FA	PR	05/11/04	1	XYLENES
Warning: extra parameter	MND075506	CS	W	8260FA	PR	05/11/04	1	BZ
Warning: extra parameter	MND075506	CS	W	8260FA	PR	05/11/04	1	BZME
Warning: extra parameter	MND075506	CS	W	8260FA	PR	05/11/04	1	DCA12D4
Warning: extra parameter	MND075506	CS	W	8260FA	PR	05/11/04	1	EBZ
Warning: extra parameter	MND075506	CS	W	8260FA	PR	05/11/04	1	GROC4C12
Warning: extra parameter	MND075506	CS	W	8260FA	PR	05/11/04	1	XYLENES
Warning: extra parameter	MND075507	CS	W	8260FA	PR	05/12/04	1	BZ
Warning: extra parameter	MND075507	CS	W	8260FA	PR	05/12/04	1	BZME
Warning: extra parameter	MND075507	CS	W	8260FA	PR	05/12/04	1	DCA12D4
Warning: extra parameter	MND075507	CS	W	8260FA	PR	05/12/04	1	EBZ
Warning: extra parameter	MND075507	CS	W	8260FA	PR	05/12/04	1	GROC4C12
Warning: extra parameter	MND075507	CS	W	8260FA	PR	05/12/04	1	XYLENES
Warning: extra parameter	MND075508	CS	W	8260FA	PR	05/11/04	1	BZ
Warning: extra parameter	MND075508	CS	W	8260FA	PR	05/11/04	1	BZME
Warning: extra parameter	MND075508	CS	W	8260FA	PR	05/11/04	1	DCA12D4
Warning: extra parameter	MND075508	CS	W	8260FA	PR	05/11/04	1	EBZ
Warning: extra parameter	MND075508	CS	W	8260FA	PR	05/11/04	1	GROC4C12
Warning: extra parameter	MND075508	CS	W	8260FA	PR	05/11/04	1	XYLENES
Warning: extra parameter	MND075509	CS	W	8260FA	PR	05/12/04	1	BZ
Warning: extra parameter	MND075509	CS	W	8260FA	PR	05/12/04	1	BZME
Warning: extra parameter	MND075509	CS	W	8260FA	PR	05/12/04	1	DCA12D4

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MND075509	CS	W	8260FA	PR	05/12/04	1	EBZ
Warning: extra parameter	MND075509	CS	W	8260FA	PR	05/12/04	1	GROC4C12
Warning: extra parameter	MND075509	CS	W	8260FA	PR	05/12/04	1	XYLENES
Warning: extra parameter	4E05005BLK1	LB1	WQ	E1664A	PR	05/05/04	1	OILGREASE
Warning: extra parameter	4E05005BS1	BS1	WQ	E1664A	PR	05/05/04	1	OILGREASE
Warning: extra parameter	4E05005BSD1	BD1	WQ	E1664A	PR	05/05/04	1	OILGREASE
Warning: extra parameter	4E05020BLK1S	LB1	WQ	SW8015B	PR	05/06/04	1	630-02-4
Warning: extra parameter	4E05020BLK1S	LB1	WQ	SW8015B	PR	05/06/04	1	TPHC10C36
Warning: extra parameter	4E05020BS1S	BS1	WQ	SW8015B	PR	05/06/04	1	630-02-4
Warning: extra parameter	4E05020BS1S	BS1	WQ	SW8015B	PR	05/06/04	1	TPHC10C36
Warning: extra parameter	4E05020BSD1S	BD1	WQ	SW8015B	PR	05/06/04	1	630-02-4
Warning: extra parameter	4E05020BSD1S	BD1	WQ	SW8015B	PR	05/06/04	1	TPHC10C36
Warning: extra parameter	4E10024BLK1	LB1	WQ	8260FA	PR	05/11/04	1	BZ
Warning: extra parameter	4E10024BLK1	LB1	WQ	8260FA	PR	05/11/04	1	BZME
Warning: extra parameter	4E10024BLK1	LB1	WQ	8260FA	PR	05/11/04	1	DCA12D4
Warning: extra parameter	4E10024BLK1	LB1	WQ	8260FA	PR	05/11/04	1	EBZ
Warning: extra parameter	4E10024BLK1	LB1	WQ	8260FA	PR	05/11/04	1	GROC4C12
Warning: extra parameter	4E10024BLK1	LB1	WQ	8260FA	PR	05/11/04	1	XYLENES
Warning: extra parameter	4E10024BS1	BS1	WQ	8260FA	PR	05/10/04	1	BZ
Warning: extra parameter	4E10024BS1	BS1	WQ	8260FA	PR	05/10/04	1	BZME
Warning: extra parameter	4E10024BS1	BS1	WQ	8260FA	PR	05/10/04	1	DCA12D4
Warning: extra parameter	4E10024BS1	BS1	WQ	8260FA	PR	05/10/04	1	EBZ
Warning: extra parameter	4E10024BS1	BS1	WQ	8260FA	PR	05/10/04	1	XYLENES
Warning: extra parameter	4E10024BS2	BS2	WQ	8260FA	PR	05/10/04	1	BZ
Warning: extra parameter	4E10024BS2	BS2	WQ	8260FA	PR	05/10/04	1	BZME
Warning: extra parameter	4E10024BS2	BS2	WQ	8260FA	PR	05/10/04	1	DCA12D4
Warning: extra parameter	4E10024BS2	BS2	WQ	8260FA	PR	05/10/04	1	EBZ
Warning: extra parameter	4E10024BS2	BS2	WQ	8260FA	PR	05/10/04	1	GROC4C12
Warning: extra parameter	4E10024BS2	BS2	WQ	8260FA	PR	05/10/04	1	XYLENES

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	4E10024BSD1	BD1	WQ	8260FA	PR	05/10/04	1	BZ
Warning: extra parameter	4E10024BSD1	BD1	WQ	8260FA	PR	05/10/04	1	BZME
Warning: extra parameter	4E10024BSD1	BD1	WQ	8260FA	PR	05/10/04	1	DCA12D4
Warning: extra parameter	4E10024BSD1	BD1	WQ	8260FA	PR	05/10/04	1	EBZ
Warning: extra parameter	4E10024BSD1	BD1	WQ	8260FA	PR	05/10/04	1	XYLENES
Warning: extra parameter	4E10024BSD2	BD2	WQ	8260FA	PR	05/10/04	1	BZ
Warning: extra parameter	4E10024BSD2	BD2	WQ	8260FA	PR	05/10/04	1	BZME
Warning: extra parameter	4E10024BSD2	BD2	WQ	8260FA	PR	05/10/04	1	DCA12D4
Warning: extra parameter	4E10024BSD2	BD2	WQ	8260FA	PR	05/10/04	1	EBZ
Warning: extra parameter	4E10024BSD2	BD2	WQ	8260FA	PR	05/10/04	1	GROC4C12
Warning: extra parameter	4E10024BSD2	BD2	WQ	8260FA	PR	05/10/04	1	XYLENES
Warning: extra parameter	4E12005BLK1	LB1	WQ	8260FA	PR	05/12/04	1	BZ
Warning: extra parameter	4E12005BLK1	LB1	WQ	8260FA	PR	05/12/04	1	BZME
Warning: extra parameter	4E12005BLK1	LB1	WQ	8260FA	PR	05/12/04	1	DCA12D4
Warning: extra parameter	4E12005BLK1	LB1	WQ	8260FA	PR	05/12/04	1	EBZ
Warning: extra parameter	4E12005BLK1	LB1	WQ	8260FA	PR	05/12/04	1	GROC4C12
Warning: extra parameter	4E12005BLK1	LB1	WQ	8260FA	PR	05/12/04	1	XYLENES
Warning: extra parameter	4E12005BS1	BS1	WQ	8260FA	PR	05/12/04	1	BZ
Warning: extra parameter	4E12005BS1	BS1	WQ	8260FA	PR	05/12/04	1	BZME
Warning: extra parameter	4E12005BS1	BS1	WQ	8260FA	PR	05/12/04	1	DCA12D4
Warning: extra parameter	4E12005BS1	BS1	WQ	8260FA	PR	05/12/04	1	EBZ
Warning: extra parameter	4E12005BS1	BS1	WQ	8260FA	PR	05/12/04	1	XYLENES
Warning: extra parameter	4E12005BS2	BS2	WQ	8260FA	PR	05/12/04	1	DCA12D4
Warning: extra parameter	4E12005BS2	BS2	WQ	8260FA	PR	05/12/04	1	GROC4C12
Warning: extra parameter	4E12005BSD1	BD1	WQ	8260FA	PR	05/13/04	1	BZ
Warning: extra parameter	4E12005BSD1	BD1	WQ	8260FA	PR	05/13/04	1	BZME
Warning: extra parameter	4E12005BSD1	BD1	WQ	8260FA	PR	05/13/04	1	DCA12D4
Warning: extra parameter	4E12005BSD1	BD1	WQ	8260FA	PR	05/13/04	1	EBZ
Warning: extra parameter	4E12005BSD1	BD1	WQ	8260FA	PR	05/13/04	1	XYLENES

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Pariabel
Warning: extra parameter	4E12005BSD2	BD2	WQ	8260FA	PR	05/13/04	1	DCA12D4
Warning: extra parameter	4E12005BSD2	BD2	WQ	8260FA	PR	05/13/04	1	GROC4C12
Error: LNOTE has an invalid note	4E10024BSD1	BD1	WQ	8260FA	PR	05/10/04	1	TBA

EDFQC: Error Summary Log

05/21/04

Error type	Labioccti	Anmcode	Parlabel	Qccode	Labqid
There are no errors in this data files					

EDFCL: Error Summary Log

05/21/04

Error type	Clevdate	Anmcode	Exmcode	Parlabel	Cicode
There are no errors in this data file	//				