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URS

Alameda County
NOV 07 2002
Environmental Health

November 6, 2002

Susan Hugo
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: **Third Quarter 2002 Groundwater Monitoring Report**
BP Service Station #11126
1700 Powell Street
Emeryville, California
URS Project #38485985

Dear Ms. Hugo:

On behalf of BP (an affiliated company of the Group Environmental Management Company), URS Corporation (URS) is submitting the attached report, which presents the results of the third quarter 2002 groundwater monitoring program at the BP Service Station #11126, located at 1700 Powell Street, Emeryville, California.

REGISTERED GEOLOGIST
ROBERT M. HORWATH
NO. 5925
4/04
STATE OF CALIFORNIA

Sincerely,
URS CORPORATION

Robert M. Horwath, R.G.
Senior Geologist

Attachment: Quarterly Groundwater Monitoring Report, Third Quarter 2002

cc: Mr. Scott Hooton, BP Oil Company, Environmental Resources management, 295 SW 41st Street, Building 13, Suite N, Renton, Washington 98055-4931
Ms. Liz Sewell, Risk Management and Remediation Group, Tosco, 3525 Hyland Avenue, Costa Mesa, California 92626

URS Corporation
500 12th Street, Suite 200
Oakland, CA 94607-4014
Tel: 510.893.3600
Fax: 510.874.3268

Quarterly Groundwater Monitoring Report
Third Quarter 2002

BP Service Station # 11126
1700 Powell Street
Emeryville, California

Prepared for

BP

November 6, 2002

Prepared by

URS Corporation

500 12th Street, Suite 200
Oakland, California 94607

Project 38485985

URS

Date: November 6, 2002
Quarter: 3Q 02

BP GEM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.:	11126	Address:	1700 Powell Street, Emeryville, CA
BP Environmental Engineer:			Scott Hooton
Consulting Co./Contact Person:			URS Corporation/Robert M. Horwath
Consultant Project No.:			38485985
Primary Agency/Regulatory ID No.:			Alameda Country Health Care Services Agency

WORK PERFORMED THIS QUARTER (Third – 2002):

1. Performed third quarter 2002 groundwater monitoring event.
2. Prepared and submitted second quarter 2002 groundwater monitoring report.

WORK PROPOSED FOR NEXT QUARTER (Fourth – 2002):

1. Perform fourth quarter 2002 groundwater monitoring event.
2. Prepare and submit third quarter 2002 groundwater monitoring report.

Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	Wells MW-1 through MW-9 quarterly
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	No
Current Remediation Techniques:	None currently
Approximate Depth to Groundwater:	4.39 (MW-9) to 7.78 (MW-4) feet
Groundwater Gradient (direction):	South
Groundwater Gradient (magnitude):	0.01 feet per foot

DISCUSSION:

TPH-g was detected in seven out of nine wells sampled at concentrations ranging from 98 µg/L in MW-8 to 47,000 µg/L in MW-9. Benzene was detected in four wells at concentrations ranging from 23 µg/L in MW-5 to 10,000 µg/L in MW-9. MTBE was detected in all nine wells at concentrations ranging from 76 µg/L in MW-8 to 45,000 µg/L in MW-2. Groundwater elevations across the site decreased by an average of approximately 0 4 feet this quarter, and the groundwater flow direction was to the south at a calculated hydraulic gradient of 0.01 feet per foot.

URS

ATTACHMENTS:

- QMR Disclaimer
- Table 1 – Groundwater Elevation and Analytical Data
- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – September 6, 2002
- Chart 1 – Concentration and Water Level Trends, Well MW-4
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C - EDCC Report and EDF/Geowell Submittal Confirmation

URS QUARTERLY MONITORING REPORT
DISCLAIMER
GROUP ENVIRONMENTAL MANAGEMENT COMPANY SITES

This report is based on data, site conditions, and other information that are generally applicable as of the date of the report, and the conclusions and recommendations herein are therefore applicable only to that time frame

Background information, including but not limited to previous field measurements, analytical results, site plans, and other data has been furnished to URS by Group Environmental Management Company, its previous consultants, and/or third parties that URS has used in preparing this report. URS has relied on this information as furnished. URS is not responsible for nor has it confirmed the accuracy of this information.

The analytical data provided by the laboratory approved by Group Environmental Management Company have been reviewed and verified by that laboratory. URS has not performed an independent review of the data and is neither responsible for nor has confirmed the accuracy of these data.

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

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (ug/L)	BENZ (ug/L)	DO (ppm)	LAB
MW-1		11/04/1992	7.76	4.96	---	2.80	5300	---	1100	480	ND<0.5	1500	---	(k)	---	---	---	PACE
MW-1		10/12/1993	7.76	5.26	---	2.50	3600	---	970	71	100	550	6111	(k)	---	---	---	PACE
MW-1		02/15/1994	7.76	4.98	---	2.78	17000	---	4200	510	360	1600	5495	(k)	---	---	3.9	PACE
MW-1		05/11/1994	7.76	4.55	---	3.21	5500	---	2900	37	56	64	705	(k)	---	---	8.0	PACE
MW-1		08/01/1994	7.76	5.51	---	2.25	15000	---	3600	740	510	2800	9718	(d)(k)	---	---	2.9	PACE
QC-1	(e)	08/01/1994	---	---	---	---	16000	---	3600	750	510	2800	9800	(d)	---	---	---	PACE
MW-1		10/18/1994	7.76	5.11	---	2.65	16000	---	1800	61	160	890	15668	(k)	---	---	2.9	PACE
QC-1	(e)	10/18/1994	---	---	---	---	16000	---	1900	64	170	950	---		---	---	---	PACE
MW-1		01/13/1995	7.76	3.05	---	4.71	220	---	7	ND<0.5	1	23	---		---	---	6.6	ATI
QC-1	(e)	01/13/1995	---	---	---	---	590	---	88	0.7	ND<0.5	55	---		---	---	---	ATI
MW-1		04/13/1995	7.76	3.84	---	3.92	9300	---	4000	300	200	950	---		---	---	7.7	ATI
MW-1		07/11/1995	7.76	3.60	---	4.16	15000	---	2200	84	ND<25	2500	---		---	---	8.8	ATI
MW-1		11/02/1995	7.76	4.58	---	3.18	19000	---	920	ND<100	ND<100	430	52000		---	---	7.3	ATI
MW-1		02/05/1996	7.76	4.43	---	3.33	4600	---	1400	330	54	247	8700		---	---	3.2	SPL
MW-1		04/24/1996	7.76	4.00	---	3.76	2000	---	510	33	61	228	4500		---	---	7.5	SPL
MW-1		07/15/1996	7.76	4.30	---	3.46	---	---	---	---	---	---	---		---	---	---	---
MW-1		07/16/1996	7.76	---	---	---	12000	---	2800	170	390	1630	64000		---	---	7.9	SPL
QC-1	(e)	07/16/1996	---	---	---	---	12000	---	2800	160	390	1610	63000		---	---	---	SPL
MW-1		07/30/1996	7.76	4.64	---	3.12	---	---	---	---	---	---	---		---	---	---	---
MW-1		08/12/1996	7.76	---	---	---	11000	---	2500	160	ND<10	1740	440000		---	---	7.0	SPL
MW-1		11/04/1996	7.76	5.98	---	1.78	---	---	---	---	---	---	---		---	---	---	---
MW-1		11/05/1996	7.76	---	---	---	53000	---	1300	43	100	349	42000/190000	(f)	---	---	6.6	SPL
MW-1		05/17/1997	7.76	4.65	---	3.11	52000	---	1958	55	305	1216	140198		---	---	5.7	SPL
MW-1		08/11/1997	7.76	4.90	---	2.86	25000	---	540	6.7	ND<5.0	57	360000		---	---	7.9	SPL
MW-1		11/17/1997	7.76	6.12	---	1.64	93000	---	1200	31	180	40	400000		---	---	7.6	SPL
MW-1		01/29/1998	7.76	4.90	---	2.86	4800	---	320	24	52	19.9	ND<50		---	---	6.6	SPL
MW-1		06/22/1998	7.76	4.62	---	3.14	63000	---	180	ND<5.0	15	69	57000		---	---	6.0	
MW-1		12/30/1998	7.76	5.41	---	2.35	22000	---	2500	24	120	400	15000/13000	(f)	---	---	---	SPL
MW-1		03/09/1999	7.76	3.40	---	4.36	16000	---	2000	84	290	510	13000		---	---	---	SPL
MW-1		06/23/1999	7.76	4.60	---	3.16	9600	---	4500	21	160	260	24000		---	---	---	SPL
MW-1		09/23/1999	7.76	4.21	---	3.55	3800	---	1600	32	150	240	7100		---	---	---	SPL
MW-1		12/28/1999	7.76	4.10	---	3.66	3400	---	ND<2200	17	53	130	5500		---	---	---	PACE
MW-1		03/22/2000	7.76	5.51	---	2.25	6400	---	1100	45	190	330	4900		---	---	---	PACE

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WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	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	05/26/2000	7.76	4.79	---	2.97	110000	—	700	44	140	250	320000	—	---	---	PACE
MW-1	09/06/2000	7.76	5.19	—	2.57	5600	---	1000	13	57	90	19000	---	—	—	PACE
MW-1	09/15/2000	7.76	5.73	—	2.03	—	—	—	—	—	—	—	---	—	---	—
MW-1	12/11/2000	7.76	5.82	---	1.94	5500	---	1160	47.1	155	292	3900	—	---	---	PACE
MW-1 (h)	03/29/2001	7.76	—	—	---	---	---	---	---	---	---	---	—	---	—	---
MW-1	06/27/2001	7.76	5.49	---	2.27	6100	—	1200	12.9	17.3	77.9	1780	---	—	—	PACE
MW-1	09/19/2001	7.76	6.19	---	1.57	1800	—	102	ND<12.5	ND<12.5	ND<37.5	1090	---	—	—	PACE
MW-1	12/28/2001	7.76	5.27	—	2.49	4000	---	540	11.8	20.4	64.6	1120	—	—	---	PACE
MW-1	03/12/2002	7.76	5.68	---	2.08	3700	---	491	8.39	12.4	27.3	1020	—	---	---	PACE
MW-1	6/13/2002*	7.76	5.54	—	2.22	1900	—	255	ND<12.5	ND<12.5	ND<25	6490	---	—	—	PACE
MW-1	09/06/2002	7.76	5.56	---	2.20	1100	---	170	5.1	2.2	20	550	---	---	---	SEQ

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MW-2		11/04/1992	8.56	5.88	---	2.68	12000	—	3900	1300	ND<0.5	2300	---	(k)	---	---	---	PACE
QC-1	(e)	11/04/1992	---	---	—	—	12000	---	3200	980	ND<0.5	1900	—		—	—	---	PACE
MW-2		10/12/1993	8.56	6.29	---	2.27	4500	—	3400	180	230	940	442	(k)	---	---	---	PACE
MW-2		02/15/1994	8.56	5.56	—	3.00	2000	---	430	270	28	390	127	(k)	—	—	4.0	PACE
QC-1	(e)	02/15/1994	—	---	---	---	1800	—	290	160	14	250	---		—	---	---	PACE
MW-2		05/11/1994	8.56	5.17	—	3.39	14000	---	3900	1200	440	1900	953	(k)	---	—	8.9	PACE
QC-1	(e)	05/11/1994	—	---	---	—	15000	---	5600	1500	470	2000	740	(d)	—	—	---	PACE
MW-2		08/01/1994	8.56	5.43	---	3.13	8200	---	3000	420	230	680	1676	(k)	---	---	2.6	PACE
MW-2		10/18/1994	8.56	5.71	---	2.85	9000	---	2000	140	150	420	2417	(k)	---	---	7.2	PACE
MW-2		01/13/1995	8.56	4.67	---	3.89	7900	---	2200	42	ND<5	770	—		—	—	6.8	ATI
MW-2		04/13/1995	8.56	4.37	—	4.19	33000	—	8000	2500	1100	6600	---		—	---	7.5	ATI
QC-1	(e)	04/13/1995	---	---	---	---	25000	---	6500	1500	110	5300	---		---	---	---	ATI
MW-2		07/11/1995	8.56	4.51	---	4.05	19000	—	3300	99	7.5	4600	—		---	—	7.8	ATI
QC-1	(e)	07/11/1995	---	---	—	—	28000	---	6800	1000	900	4900	---		---	---	---	ATI
MW-2		11/02/1995	8.56	5.55	---	3.01	20000	—	3800	1200	570	2700	15000		---	---	7.3	ATI
QC-1	(e)	11/02/1995	---	---	---	---	22000	---	4000	1200	600	2700	19000		—	---	---	ATI
MW-2		02/05/1996	8.56	5.10	---	3.46	1200	---	320	220	26	187	99		---	---	2.2	SPL
QC-1	(e)	02/05/1996	---	---	---	---	910	---	290	180	19	137	93		---	---	---	SPL
MW-2		04/24/1996	8.56	4.95	---	3.61	ND<500	---	70	22	ND<10	61	ND<50		---	---	7.0	SPL
QC-1	(e)	04/24/1996	---	---	---	---	ND<500	---	100	30	ND<10	71	ND<100		---	---	---	SPL
MW-2		07/15/1996	8.56	5.40	---	3.16	---	---	---	---	---	---	---		---	---	---	---
MW-2		07/16/1996	8.56	---	---	---	12000	—	3300	1400	250	2610	1400		---	—	7.8	SPL
MW-2		07/30/1996	8.56	5.44	---	3.12	---	---	---	---	---	---	---		---	---	---	---
MW-2		11/04/1996	8.56	7.06	---	1.50	—	---	---	---	---	---	---		---	---	—	---
MW-2		11/05/1996	8 56	---	---	---	7200	---	1400	230	38	2110	1100		—	---	7.4	SPL
QC-1	(e)	11/05/1996	---	---	---	---	9200	---	1300	170	ND<25	2240	1100		---	---	---	SPL
MW-2		05/17/1997	8.56	5.77	---	2.79	570	---	42	ND<5.0	5.0	60	210		---	---	6.9	SPL
MW-2		08/11/1997	8.56	5.71	---	2.85	6300	---	1800	130	86	397	2400		---	---	8.5	SPL
MW-2		11/17/1997	8.56	6.91	---	1.65	2400	---	220	30	33	259	130		---	---	7.9	SPL
MW-2		01/29/1998	8.56	4.61	---	3.95	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	6.2	SPL
MW-2		06/22/1998	8.56	4 80	---	3.76	4200	---	640	150	120	650	560		---	---	5.4	SPL
MW-2		12/30/1998	8.56	5.21	---	3.35	---	---	---	---	---	---	---		---	---	---	---
MW-2		06/23/1999	8.56	5.30	---	3.26	---	---	—	—	---	---	—		---	---	—	---

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MW-2	09/23/1999	8.56	4.75	---	3.81	3800	---	760	19	210	960	910	---	---	---	SPL
MW-2	12/28/1999	8.56	4.51	---	4.05	---	---	---	---	---	---	---	---	---	---	---
MW-2	03/22/2000	8.56	4.21	---	4.35	2500	---	780	17	44	270	2800	---	---	---	PACE
MW-2	05/26/2000	8.56	4.66	---	3.90	---	---	---	---	---	---	---	---	---	---	---
MW-2	09/06/2000	8.56	4.71	---	3.85	3700	---	1200	5.5	12	170	12000	---	---	---	PACE
MW-2	09/15/2000	8.56	4.74	---	3.82	---	---	---	---	---	---	---	---	---	---	---
MW-2	12/11/2000	8.56	4.79	---	3.77	---	---	---	---	---	---	---	---	---	---	---
MW-2 (h)	03/29/2001	8.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2 (j)	06/27/2001	8.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2 (j)	09/19/2001	8.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2 (j)	12/28/2001	8.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2	03/12/2002	8.56	4.25	---	4.31	26000	---	1160	4.39	61.1	171	37300	---	---	---	PACE
MW-2	6/13/2002*	8.56	4.94	---	3.62	18000	---	578	ND<50	ND<50	ND<100	84600	---	---	---	PACE
MW-2	09/06/2002	8.56	5.23	---	3.33	26000	---	440	ND<50	ND<50	ND<50	45000	---	---	---	SEQ

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MW-3	11/04/1992	8.25	6.38	---	1.87		200	690	1.6	ND<0.5	ND<0.5	1.1	---	(k)	ND<5000	ND	---	PACE
MW-3	10/12/1993	8.25	5.84	---	2.41		270	2100	5.0	0.7	ND<0.5	2.6	96.3	(k)	ND<5000	ND	---	PACE
QC-1 (e)	10/12/1993	---	---	---	---		150	---	5.6	0.6	ND<0.5	1.6	---		---	---	---	PACE
MW-3	02/15/1994	8.25	6.60	---	1.65		140	2.3	5.7	ND<0.5	ND<0.5	ND<0.5	30.1	(k)	90	ND	3.9	PACE
MW-3	05/11/1994	8.25	5.86	---	2.39		190	2500	2.7	1.9	ND<0.5	1.9	51	(d)(k)	ND<5000	ND	9.2	PACE
MW-3	08/01/1994	8.25	6.13	---	2.12		120	1300	1.3	ND<0.5	0.5	1.1	17.6	(k)	ND<5000	ND	2.9	PACE
MW-3	10/18/1994	8.25	6.39	---	1.86		100	2200	2.3	ND<0.5	ND<0.5	ND<0.5	21	(k)	ND<5000	ND	3.6	PACE
MW-3	01/13/1995	8.25	5.47	---	2.78		ND<50	970	0.8	ND<0.5	ND<0.5	ND<1	---		---	ND	7.7	ATI
MW-3	04/13/1995	8.25	5.17	---	3.08		530	ND<500	8.7	1.9	ND<0.5	3.9	---		2100	ND	8.4	ATI
MW-3	07/11/1995	8.25	5.37	---	2.88		78	2100	0.57	ND<0.50	ND<0.50	ND<1.0	---		1900	ND	8.3	ATI
MW-3	11/02/1995	8.25	6.29	---	1.96		250	2000	0.73	ND<0.50	ND<0.50	1.8	270		1400	ND	8.3	ATI
MW-3	02/05/1996	8.25	5.80	---	2.45		ND<50	1600	ND<0.5	ND<1	ND<1	2.7	11		9000	ND	3.5	SPL
MW-3	04/24/1996	8.25	5.69	---	2.56		ND<50	2800	ND<5	ND<10	ND<10	ND<10	150		6000	ND	8.6	SPL
MW-3	07/15/1996	8.25	6.18	---	2.07		ND<250	3700	ND<2.5	ND<5	ND<5	ND<5	ND<50		1000	ND	7.7	SPL
MW-3	07/30/1996	8.25	6.04	---	2.21		---	---	---	---	---	---	---		---	---	---	---
MW-3	11/04/1996	8.25	7.84	---	0.41		---	---	---	---	---	---	---		---	---	---	---
MW-3	11/05/1996	8.25	---	---	---		90	890	ND<0.5	ND<1.0	ND<1.0	ND<1.0	30		2000	ND	6.8	SPL
MW-3	05/17/1997	8.25	6.49	---	1.76		ND<50	2100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	52		700	ND	6.3	SPL
MW-3	08/11/1997	8.25	6.15	---	2.10		490	1900	ND<2.5	ND<5.0	ND<5.0	ND<5.0	170		ND<5000	ND	7.4	SPL
MW-3	11/17/1997	8.25	7.15	---	1.10		120	2500	ND<0.5	ND<1.0	ND<1.0	ND<1.0	46		ND<5000	ND	7.0	SPL
MW-3	01/29/1998	8.25	5.10	---	3.15		270	1700	0.53	ND<1.0	ND<1.0	ND<1.0	330		2000	ND	6.4	SPL
MW-3	06/22/1998	8.25	5.50	---	2.75		200	2200	ND<0.5	ND<1.0	ND<1.0	ND<1.0	130		ND<5	ND	5.5	SPL
MW-3	12/30/1998	8.25	6.68	---	1.57		---	---	---	---	---	---	---		---	---	---	---
MW-3	03/09/1999	8.25	5.53	---	2.72		60	840	ND<1.0	ND<1.0	ND<1.0	ND<1.0	19		7600	---	---	SPL
MW-3	06/23/1999	8.25	6.60	---	1.65		---	---	---	---	---	---	---		---	---	---	---
MW-3	09/23/1999	8.25	6.17	---	2.08		---	---	---	---	---	---	---		---	---	---	---
MW-3	12/28/1999	8.25	6.00	---	2.25		---	---	---	---	---	---	---		---	---	---	---
MW-3	03/22/2000	8.25	4.77	---	3.48		690	ND<58	4.2	3.1	0.81	2.7	2900		13000	---	---	PACE
MW-3	05/26/2000	8.25	5.28	---	2.97		---	---	---	---	---	---	---		---	---	---	---
MW-3	09/15/2000	8.25	5.58	---	2.67		---	---	---	---	---	---	---		---	---	---	---
MW-3	12/11/2000	8.25	11.74	---	-3.49	(i)	---	---	---	---	---	---	---		---	---	---	---
MW-3	03/29/2001	8.25	5.04	---	3.21		650	ND<50	ND<2.5	ND<2.5	ND<2.5	ND<7.5	680		6540	---	---	PACE
MW-3	06/27/2001	8.25	5.62	---	2.63		460	690	ND<2.5	ND<2.5	ND<2.5	ND<7.5	560		ND<5000	---	---	PACE
MW-3	09/19/2001	8.25	5.80	---	2.45		ND<500	520	ND<5.0	ND<5.0	ND<5.0	ND<15	464		ND<5000	---	---	PACE
MW-3	12/28/2001	8.25	4.85	---	3.40		180	550	ND<0.5	ND<0.5	ND<0.5	ND<1.0	180		ND<5000	---	---	PACE
MW-3	03/12/2002	8.25	4.39	---	3.86		410	1300	ND<2.5	ND<2.5	ND<2.5	ND<5.0	443		ND<5000	---	---	PACE
MW-3	6/13/2002*	8.25	5.38	---	2.87		ND<250	2600	ND<2.5	ND<2.5	ND<2.5	ND<5.0	395		ND<5000	---	---	PACE
MW-3	09/06/2002	8.25	5.68	---	2.57		ND<200	---	ND<2.0	ND<2.0	ND<2.0	ND<2.0	650		---	---	---	SEQ

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

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	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		11/04/1992	8.12	6.66	---	1.46	340	---	4.5	ND<0.5	4.3	ND<0.5	---	(k)	---	---	---	PACE
MW-4		10/12/1993	8.12	6.87	---	1.25	160	---	5.8	1.4	0.8	2.7	261	(k)	---	---	---	PACE
MW-4		02/15/1994	8.12	6.61	---	1.51	110	---	4.4	0.7	ND<0.5	2.5	118	(d)(k)	---	---	4.3	PACE
MW-4		05/11/1994	8.12	5.89	---	2.23	120	---	0.5	0.8	ND<0.5	ND<0.5	137	(d)(k)	---	---	9.3	PACE
MW-4		08/01/1994	8.12	6.87	---	1.25	140	---	0.7	2.0	5.2	15	138	(k)	---	---	3.3	PACE
MW-4		10/18/1994	8.12	6.62	---	1.50	140	---	3.5	ND<0.5	0.5	ND<0.5	197	(k)	---	---	3.0	PACE
MW-4		01/13/1995	8.12	7.27	---	0.85	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---		---	---	7.9	ATI
MW-4		04/13/1995	8.12	6.51	---	1.61	73	---	1.2	ND<0.5	ND<0.5	ND<1	---		---	---	9.9	ATI
MW-4		07/11/1995	8.12	6.21	---	1.91	82	---	0.57	ND<0.50	ND<0.50	ND<1.0	---		---	---	7.2	ATI
MW-4		11/02/1995	8.12	6.78	---	1.34	71	---	1.4	0.96	0.99	2.8	140		---	---	8.6	ATI
MW-4		02/05/1996	8.12	6.41	---	1.71	ND<50	---	ND<5	ND<10	ND<10	ND<10	200		---	---	4.4	SPL
MW-4		04/24/1996	8.12	6.18	---	1.94	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	510		---	---	8.3	SPL
MW-4		07/15/1996	8.12	6.63	---	1.49	ND<50	---	5.7	ND<1	ND<1	ND<1	550		---	---	7.4	SPL
MW-4		07/30/1996	8.12	6.34	---	1.78	---	---	---	---	---	---	---		---	---	---	---
MW-4		11/04/1996	8.12	8.27	---	-0.15	---	---	---	---	---	---	---		---	---	---	---
MW-4		11/05/1996	8.12	---	---	---	460	---	ND<2.5	11	ND<5.0	ND<5.0	620/610	(f)	---	---	7.3	SPL
MW-4		05/17/1997	8.12	7.00	---	1.12	---	---	---	---	---	---	---		---	---	---	---
MW-4		08/11/1997	8.12	6.81	---	1.31	---	---	---	---	---	---	---		---	---	---	---
MW-4		11/17/1997	8.12	9.19	---	-1.07	840	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	880		---	---	7.3	SPL
MW-4		01/29/1998	8.12	7.94	---	0.18	---	---	---	---	---	---	---		---	---	---	---
MW-4		06/22/1998	8.12	7.49	---	0.63	---	---	---	---	---	---	---		---	---	---	---
MW-4		12/30/1998	8.12	8.21	---	-0.09	---	---	---	---	---	---	---		---	---	---	---
MW-4		03/09/1999	8.12	7.70	---	0.42	1200	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2000		---	---	---	SPL
MW-4		06/23/1999	8.12	8.81	---	-0.69	---	---	---	---	---	---	---		---	---	---	---
MW-4		09/23/1999	8.12	8.32	---	-0 20	---	---	---	---	---	---	---		---	---	---	---
MW-4		12/28/1999	8.12	8.21	---	-0.09	---	---	---	---	---	---	---		---	---	---	---
MW-4		03/22/2000	8.12	6.74	---	1.38	910	---	ND<0.5	ND<0.5	0.54	1.7	3800		---	---	---	PACE
MW-4		05/26/2000	8.12	5.13	---	2.99	---	---	---	---	---	---	---		---	---	---	---
MW-4		09/15/2000	8.12	8.20	---	-0.08	---	---	---	---	---	---	---		---	---	---	---
MW-4		12/11/2000	8.12	8.31	---	-0.19	---	---	---	---	---	---	---		---	---	---	---
MW-4	(h)	03/29/2001	8.12	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-4		06/27/2001	8.12	7.57	---	0.55	2800	---	18.9	ND<2.5	ND<2.5	ND<7.5	4220		---	---	---	PACE
MW-4		09/19/2001	8.12	7.87	---	0.25	2500	---	ND<5.0	ND<5.0	ND<5.0	ND<15	3340		---	---	---	PACE
MW-4		12/28/2001	8.12	7.80	---	0.32	4400	---	ND<5.0	ND<5.0	ND<5.0	ND<10	5330		---	---	---	PACE
MW-4		03/12/2002	8.12	4 53	---	3.59	6400	---	71.5	ND<5.0	ND<5.0	ND<10	8440		---	---	---	PACE
MW-4		6/13/2002*	8.12	6.21	---	1.91	1800	---	7.5	ND<5.0	5.03	13.1	6870		---	---	---	PACE
MW-4		09/06/2002	8.12	7.78	---	0.34	ND<2000	---	ND<20	ND<20	ND<20	ND<20	9600		---	---	---	SEQ

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

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-g (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOC (mg/L)	HVOC (ug/L)	TSS (ppm)	Lab
MW-5	10/12/1993	7.69	6.01	---	1.68	---	---	---	---	---	---	---	(k)	---	---	---	PACE
MW-5	10/13/1993	7.69	---	---	---	2300	---	160	10	ND<0.5	26	---	(k)	---	---	---	PACE
MW-5	02/15/1994	7.69	5.74	---	1.95	5100	---	710	16	33	35	153	(d)(k)	---	---	4.0	PACE
MW-5	05/11/1994	7.69	5.28	---	2.41	11000	---	1100	39	110	57	165	(d)(k)	---	---	8.0	PACE
MW-5	08/01/1994	7.69	5.84	---	1.85	9000	---	730	35	61	41	196	(d)(k)	---	---	2.6	PACE
MW-5	10/18/1994	7.69	6.01	---	1.68	7800	---	330	30	27	27	559	(k)	---	---	5.6	PACE
MW-5	01/13/1995	7.69	4.74	---	2.95	ND<500	---	290	6	ND<5	18	---		---	---	6.8	ATI
MW-5	04/13/1995	7.69	5.50	---	2.19	9100	---	400	15	52	27	---		---	---	7.4	ATI
MW-5	07/11/1995	7.69	5.75	---	1.94	7300	---	390	13	28	23	---		---	---	7.2	ATI
MW-5	11/03/1995	7.69	6.65	---	1.04	7200	---	270	15	38	23	200		---	---	8.4	ATI
MW-5	02/05/1996	7.69	4.83	---	2.86	4600	---	370	15	53	28	ND<50		---	---	1.9	SPL
MW-5	04/24/1996	7 69	6.09	---	1.60	3000	---	180	ND<10	32	14	ND<100		---	---	8.1	SPL
MW-5	07/15/1996	7.69	6.57	---	1.12	---	---	---	---	---	---	---		---	---	---	---
MW-5	07/16/1996	7.69	---	---	---	ND<50	---	190	ND<10	31	16	ND<100		---	---	8.3	SPL
MW-5	07/30/1996	7.69	5.61	---	2.08	---	---	---	---	---	---	---		---	---	---	---
MW-5	08/12/1996	7.69	---	---	---	2000	---	150	12	25	18.2	ND<50		---	---	7.6	SPL
MW-5	11/04/1996	7.69	8 25	---	-0.56	---	---	---	---	---	---	---		---	---	---	---
MW-5	11/05/1996	7.69	---	---	---	5200	---	42	5.5	13	ND<5.0	1700		---	---	7.4	SPL
MW-5	05/17/1997	7.69	6.95	---	0.74	80	---	0.56	ND<1.0	ND<1.0	ND<1.0	46		---	---	6.7	SPL
MW-5	08/11/1997	7.69	6.72	---	0.97	2700	---	20	12	6.7	9 7	1900		---	---	8.5	SPL
MW-5	11/17/1997	7.69	9.49	---	-1.80	8400	---	25	12	8.7	5.4	13000		---	---	7.9	SPL
MW-5	01/29/1998	7.69	7.88	---	-0.19	110000	---	2500	110	180	589	180000		---	---	6.8	SPL
MW-5	06/22/1998	7.69	7.40	---	0.29	4400	---	47	10	29	20.5	47		---	---	6.6	SPL
MW-5	12/30/1998	7.69	6.13	---	1.56	6000	---	18	9.1	22	16	63/44	(f)	---	---	---	SPL
MW-5	03/09/1999	7.69	4.79	---	2.90	4600	---	8.8	5.5	12	11	24		---	---	---	SPL
MW-5	06/23/1999	7.69	5.95	---	1.74	3400	---	1500	8.9	54	87	7500		---	---	---	SPL
MW-5	09/23/1999	7.69	5.43	---	2.26	2600	---	510	14	140	650	580		---	---	---	SPL
MW-5	12/28/1999	7.69	5.30	---	2.39	3500	---	900	18	57	140	4800		---	---	---	PACE
MW-5 (h)	03/22/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	05/26/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	09/06/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	09/15/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	12/11/2000	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (h)	03/29/2001	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (j)	06/27/2001	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5 (j)	09/19/2001	7.69	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-5	12/28/2001	7.69	4.65	---	3.04	4600	---	19.9	24 6	16.2	57	72.3		---	---	---	PACE
MW-5	03/12/2002	7.69	5.35	---	2.34	5100	---	45.4	13.7	22	38.9	31.6		---	---	---	PACE
MW-5	06/13/2002	7.69	5 34	---	2.35	2900	---	31.8	ND<12.5	ND<12.5	ND<25	616		---	---	---	PACE
MW-5	**09/06/2002**	**7.69**	**5.46**	**---**	**2.23**	**3400**	**---**	**23**	**5.5**	**ND<5.0**	**11**	**230**		**---**	**---**	**---**	**SEQ**

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

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOC (mg/L)	HVOC (ug/L)	TKN (ppm)	Lab
MW-6	10/12/1993	8.52	6.59	—	1.93	63	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	44.4	(k)	—	—	—	PACE
MW-6	02/15/1994	8.52	6.31	—	2.21	68	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	38.1	(d)(k)	—	—	3.1	PACE
MW-6	05/11/1994	8.52	6.15	—	2.37	68	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	48.5	(d)(k)	—	—	8.7	PACE
MW-6	08/01/1994	8.52	6.46	—	2.06	91	—	ND<0.5	ND<0.5	ND<0.5	0.6	59.6	(k)	—	—	2.4	PACE
MW-6	10/18/1994	8.52	6.72	—	1.80	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	84.6	(k)	—	—	6.0	PACE
MW-6	01/13/1995	8.52	5.95	—	2.57	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	7.0	ATI
MW-6	04/13/1995	8.52	5.44	—	3.08	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	8.5	ATI
MW-6	07/11/1995	8.52	5.68	—	2.84	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—		—	—	8.4	ATI
MW-6	11/02/1995	8.52	6.57	—	1.95	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	35		—	—	8.3	ATI
MW-6	02/05/1996	8.52	6.27	—	2.25	ND<50	—	ND<5	ND<10	ND<10	ND<10	ND<100		—	—	2.2	SPL
MW-6	04/24/1996	8.52	5.95	—	2.57	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	62		—	—	8.0	SPL
MW-6	07/15/1996	8.52	6.39	—	2.13	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	ND<50		—	—	8.0	SPL
MW-6	07/30/1996	8.52	6.44	—	2.08	—	—	—	—	—	—	—		—	—	—	—
MW-6	11/04/1996	8.52	8.05	—	0.47	—	—	—	—	—	—	—		—	—	—	—
MW-6	11/05/1996	8.52	—	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	7.3	SPL
MW-6	05/17/1997	8.52	6.75	—	1.77	—	—	—	—	—	—	—		—	—	—	—
MW-6	08/11/1997	8.52	6.48	—	2.04	—	—	—	—	—	—	—		—	—	—	—
MW-6	11/17/1997	8.52	9.27	—	-0.75	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	7.7	SPL
MW-6	01/29/1998	8.52	7.98	—	0.54	—	—	—	—	—	—	—		—	—	—	—
MW-6	06/22/1998	8.52	7.68	—	0.84	—	—	—	—	—	—	—		—	—	—	—
MW-6	12/30/1998	8.52	6.98	—	1.54	—	—	—	—	—	—	—		—	—	—	—
MW-6	03/09/1999	8.52	5.90	—	2.62	—	—	—	—	—	—	—		—	—	—	—
MW-6	06/23/1999	8.52	6.93	—	1.59	—	—	—	—	—	—	—		—	—	—	—
MW-6	09/23/1999	8.52	6.45	—	2.07	—	—	—	—	—	—	—		—	—	—	—
MW-6	12/28/1999	8.52	6.33	—	2.19	—	—	—	—	—	—	—		—	—	—	—
MW-6	03/22/2000	8.52	5.15	—	3.37	—	—	—	—	—	—	—		—	—	—	—
MW-6	05/26/2000	8.52	5.72	—	2.80	—	—	—	—	—	—	—		—	—	—	—
MW-6	09/15/2000	8.52	6.02	—	2.50	—	—	—	—	—	—	—		—	—	—	—
MW-6	12/11/2000	8.52	6 20	—	2.32	—	—	—	—	—	—	—		—	—	—	—
MW-6	03/29/2001	8.52	5.34	—	3.18	750	—	ND<2.5	2.91	ND<2.5	11.8	820		—	—	—	PACE
MW-6	06/27/2001	8.52	6.00	—	2.52	760	—	32.9	ND<2.5	ND<2.5	ND<7.5	968		—	—	—	PACE
MW-6	09/19/2001	8.52	6.22	—	2.30	ND<500	—	ND<5.0	ND<5.0	ND<5.0	ND<15	879		—	—	—	PACE
MW-6 (n)	12/28/2001	8.52	4.71	—	3.81	—	—	—	—	—	—	—		—	—	—	—
MW-6	03/12/2002	8.52	4.96	—	3.56	ND<500	—	ND<5.0	ND<5.0	ND<5.0	ND<10	244		—	—	—	PACE
MW-6	6/13/2002*	8.52	5.78	—	2.74	ND<250	—	ND<2.5	ND<2.5	ND<2.5	ND<5.0	413		—	—	—	PACE
MW-6	09/06/2002	8.52	6.14	—	2.38	130	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	240		—	—	—	SEQ

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

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (mg/L)	HVOC (ug/L)	DO (ppm)	Lab
MW-7	10/12/1993	7.61	6.14	—	1.47	ND<50	—	ND<0.5	ND<0.5	ND<0.5	0.7	ND<5.0	(k)	—	—	—	PACE
MW-7	02/15/1994	7.61	5.88	—	1.73	78	—	ND<0.5	ND<0.5	ND<0.5	0.6	ND<5.0	(k)	—	—	4.0	PACE
MW-7	05/11/1994	7.61	5.76	—	1.85	70	—	ND<0.5	ND<0.5	ND<0.5	0.9	11.5	(k)	—	—	9.1	PACE
MW-7	08/01/1994	7.61	5.97	—	1.64	77	—	ND<0.5	ND<0.5	ND<0.5	0.5	182	(k)	—	—	2.5	PACE
MW-7	10/18/1994	7.61	6.24	—	1.37	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	51.7	(k)	—	—	6.3	PACE
MW-7	01/13/1995	7.61	5.39	—	2.22	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	8.2	ATI
MW-7	04/13/1995	7.61	5.17	—	2.44	63	—	ND<0.5	ND<0.5	ND<0.5	1.4	—		—	—	8.4	ATI
MW-7	07/11/1995	7.61	5.25	—	2.36	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—		—	—	7.9	ATI
MW-7	11/02/1995	7.61	6.19	—	1.42	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	55		—	—	8.0	ATI
MW-7	02/05/1996	7.61	5.69	—	1.92	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	40		—	—	1.9	SPL
MW-7	04/24/1996	7.61	5.59	—	2.02	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	53		—	—	8.2	SPL
MW-7	07/15/1996	7.61	6.07	—	1.54	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	ND<50		—	—	7.8	SPL
MW-7	07/30/1996	7.61	6.04	—	1 57	—	—	—	—	—	—	—		—	—	—	—
MW-7	11/04/1996	7.61	7.76	—	-0.15	—	—	—	—	—	—	—		—	—	—	—
MW-7	11/05/1996	7.61	—	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	7.8	SPL
MW-7	05/17/1997	7.61	6.42	—	1.19	—	—	—	—	—	—	—		—	—	—	—
MW-7	08/11/1997	7.61	6.06	—	1.55	—	—	—	—	—	—	—		—	—	—	—
MW-7	11/17/1997	7.61	9.07	—	-1.46	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	7.1	SPL
MW-7	01/29/1998	7.61	7.44	—	0.17	—	—	—	—	—	—	—		—	—	—	—
MW-7	06/22/1998	7.61	7.39	—	0.22	—	—	—	—	—	—	—		—	—	—	—
MW-7	12/30/1998	7.61	5.51	—	2.10	—	—	—	—	—	—	—		—	—	—	—
MW-7	03/09/1999	7.61	5.57	—	2.04	—	—	—	—	—	—	—		—	—	—	—
MW-7	06/23/1999	7.61	6.69	—	0.92	—	—	—	—	—	—	—		—	—	—	—
MW-7	09/23/1999	7.61	6.23	—	1.38	—	—	—	—	—	—	—		—	—	—	—
MW-7	12/28/1999	7.61	6.08	—	1.53	—	—	—	—	—	—	—		—	—	—	—
MW-7	03/22/2000	7.61	4.88	—	2.73	—	—	—	—	—	—	—		—	—	—	—
MW-7	05/26/2000	7.61	5.42	—	2.19	—	—	—	—	—	—	—		—	—	—	—
MW-7	09/15/2000	7.61	5.79	—	1.82	—	—	—	—	—	—	—		—	—	—	—
MW-7	12/11/2000	7.61	5.93	—	1.68	—	—	—	—	—	—	—		—	—	—	—
MW-7	03/29/2001	7.61	5.24	—	2.37	600	—	ND<2.5	ND<2.5	ND<2.5	ND<7.5	636		—	—	—	PACE
MW-7	06/27/2001	7.61	5.69	—	1.92	590	—	ND<2.5	ND<2.5	ND<2.5	ND<7.5	739		—	—	—	PACE
MW-7	09/19/2001	7.61	5.89	—	1.72	560	—	ND<5.0	ND<5.0	ND<5.0	ND<15	1190		—	—	—	PACE
MW-7	12/28/2001	7.61	4.53	—	3.08	910	—	22.7	ND<2.5	ND<2.5	ND<5.0	856		—	—	—	PACE
MW-7	03/12/2002	7.61	4.71	—	2.90	620	—	ND<2.5	ND<2.5	ND<2.5	ND<5.0	675		—	—	—	PACE
MW-7	6/13/2002*	7.61	5.21	—	2.40	860	—	ND<2.5	ND<2.5	ND<2.5	ND<5.0	1470		—	—	—	PACE
MW-7	09/06/2002	7.61	5.77	—	1.84	350	—	ND<2.5	ND<2.5	ND<2.5	ND<2.5	690		—	—	—	SEQ

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

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOC (ug/L)	HVOC (ug/L)	DO (ppm)	Lab
MW-8	10/12/1993	8.60	5.86	---	2.74	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11.1	(k)	---	---	---	PACE
MW-8	02/15/1994	8.60	5.50	---	3.10	380	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	---	3.3	PACE
MW-8	05/11/1994	8.60	5.09	---	3.51	330	---	ND<0.5	1.2	ND<0.5	1.9	ND<5.0	(k)	---	---	8.5	PACE
MW-8	08/01/1994	8.60	5.20	---	3.40	260	---	ND<0.5	1.2	2.9	5.8	ND<5.0	(k)	---	---	2.3	PACE
MW-8	10/18/1994	8.60	5.70	---	2.90	82	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	---	6.4	PACE
MW-8	01/13/1995	8.60	4.96	---	3.64	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---		---	---	6.9	ATI
MW-8	04/13/1995	8.60	5.40	---	3.20	270	---	ND<0.5	ND<0.5	ND<0.5	4.4	---		---	---	8.4	ATI
MW-8	07/11/1995	8.60	6.01	---	2.59	320	---	ND<0.50	ND<0.50	ND<0.50	3.5	---		---	---	8.0	ATI
MW-8	11/02/1995	8.60	6.81	---	1.79	100	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		---	---	8.7	ATI
MW-8	02/05/1996	8.60	6.12	---	2.48	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100		---	---	1.5	SPL
MW-8	04/24/1996	8.60	6.23	---	2.37	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100		---	---	8.7	SPL
MW-8	07/15/1996	8.60	6.70	---	1.90	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	ND<50		---	---	8.4	SPL
MW-8	07/30/1996	8.60	6.64	---	1.96	---	---	---	---	---	---	---		---	---	---	---
MW-8	11/04/1996	8.60	8.36	---	0.24	---	---	---	---	---	---	---		---	---	---	---
MW-8	11/05/1996	8.60	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	7.2	SPL
MW-8	05/17/1997	8.60	7.03	---	1.57	---	---	---	---	---	---	---		---	---	---	---
MW-8	08/11/1997	8.60	6.05	---	2.55	---	---	---	---	---	---	---		---	---	---	---
MW-8	11/17/1997	8.60	9.14	---	-0.54	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	7.7	SPL
MW-8	01/29/1998	8.60	7.90	---	0.70	---	---	---	---	---	---	---		---	---	---	---
MW-8	06/22/1998	8.60	7.72	---	0.88	---	---	---	---	---	---	---		---	---	---	---
MW-8 (h)	12/30/1998	8.60	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-8 (h)	03/09/1999	8.60	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-8	06/23/1999	8.60	4.70	---	3.90	---	---	---	---	---	---	---		---	---	---	---
MW-8	09/23/1999	8.60	4.22	---	4.38	---	---	---	---	---	---	---		---	---	---	---
MW-8	12/28/1999	8.60	4.12	---	4.48	---	---	---	---	---	---	---		---	---	---	---
MW-8	03/22/2000	8.60	4.71	---	3.89	---	---	---	---	---	---	---		---	---	---	---
MW-8	05/26/2000	8.60	4.98	---	3.62	---	---	---	---	---	---	---		---	---	---	---
MW-8	09/15/2000	8.60	4.62	---	3.98	---	---	---	---	---	---	---		---	---	---	---
MW-8	12/11/2000	8.60	4.77	---	3.83	---	---	---	---	---	---	---		---	---	---	---
MW-8 (h)	03/29/2001	8.60	---	---	---	---	---	---	---	---	---	---		---	---	---	---
MW-8	06/27/2001	8.60	5.11	---	3.49	570	---	ND<2.5	ND<2.5	2.58	ND<7.5	3.43		---	---	---	PACE
MW-8	09/19/2001	8.60	5.00	---	3.60	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<15	ND<5.0		---	---	---	PACE
MW-8	12/28/2001	8.60	4.15	---	4.45	440	---	ND<0.5	ND<0.5	0.975	ND<1.0	6.27		---	---	---	PACE
MW-8	03/12/2002	8.60	4.35	---	4.25	330	---	ND<2.5	ND<2.5	ND<2.5	ND<5.0	8.69		---	---	---	PACE
MW-8	6/13/2002*	8.60	5.09	---	3.51	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<10	16.4		---	---	---	PACE
MW-8	09/06/2002	8.60	5.18	---	3.42	98	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	76		---	---	---	SEQ

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

WELL ID		DATE OF SAMPLING/ MONITORING		CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)		TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOC (mg/L)	HVOC (ug/L)	DO (ppm)	Lab
MW-9		10/12/1993		8.08	5.66	0 08	2.48		---	---	---	---	---	---	---		---	---	---	---
MW-9		02/15/1994		8.08	5.32	0.05	2.80		---	---	---	---	---	---	---		---	---	---	---
MW-9		05/11/1994		8.08	5.57	---	2.51		---	---	---	---	---	---	---		---	---	---	---
MW-9		08/01/1994		8.08	6.25	---	1.83		---	---	---	---	---	---	---		---	---	---	---
MW-9		10/18/1994		8.08	5.59	0.13	2.59		---	---	---	---	---	---	---		---	---	---	---
MW-9		01/13/1995		8.08	4.42	0.14	3.77		---	---	---	---	---	---	---		---	---	---	---
MW-9		04/13/1995		8.08	4.06	0.11	4.10		---	---	---	---	---	---	---		---	---	---	---
MW-9		07/11/1995		8.08	4.21	0.08	3.93		---	---	---	---	---	---	---		---	---	---	---
MW-9		11/02/1995		8.08	5.22	0.05	2.90		---	---	---	---	---	---	---		---	---	---	---
MW-9		02/05/1996		8.08	4.76	0.01	3 33		---	---	---	---	---	---	---		---	---	---	---
MW-9		04/24/1996		8.08	4.62	0.09	3.53		---	---	---	---	---	---	---		---	---	---	---
MW-9		07/15/1996		8.08	5.11	0.04	3.00		---	---	---	---	---	---	---		---	---	---	---
MW-9		07/30/1996		8.08	5.15	---	2.93		---	---	---	---	---	---	---		---	---	---	---
MW-9		11/04/1996		8.08	6.75	0.01	1.34		---	---	---	---	---	---	---		---	---	---	---
MW-9		05/17/1997		8.08	5.42	---	2.66		97000	---	16000	7700	2300	18400	40000		---	---	7.0	SPL
QC-1	(e)	05/17/1997		---	---	---	---		97000	---	16000	8200	2300	17300	39000		---	---	---	SPL
MW-9		08/11/1997		8.08	5.37	---	2.71		71000	---	12000	340	2100	4300	26000		---	---	9.1	SPL
QC-1	(e)	08/11/1997		---	---	---	---		100000	---	14000	360	3200	5790	27000		---	---	---	SPL
MW-9		11/17/1997		8.08	5.62	Sheen	2.46		100000	---	22000	4800	3100	17900	32000		---	---	8.3	SPL
QC-1	(e)	11/17/1997		---	---	---	---		100000	---	24000	5300	3500	19300	35000		---	---	---	SPL
MW-9		01/29/1998		8.08	4.07	Sheen	4.01		250000	---	20000	21000	3100	18500	110000		---	---	6.6	SPL
QC-1	(e)	01/29/1998		---	---	---	---		250000	---	20000	20000	3100	18400	110000		---	---	---	SPL
MW-9		06/22/1998		8.08	4.28	---	3.80		280000	---	21000	18000	3800	21200	110000		---	---	5.8	SPL
QC-1	(e)	06/22/1998		---	---	---	---		290000	---	20000	17000	3800	21200	110000		---	---	---	SPL
MW-9		12/30/1998		8.08	4.95	---	3.13		150000	---	10000	3800	2000	9600	86000/89000	(f)	---	---	---	SPL
MW-9		03/09/1999		8.08	3.95	---	4.13		82000	---	6800	570	1400	4700	100000		---	---	---	SPL
MW-9		06/23/1999		8.08	5.12	---	2.96		41000	---	11000	820	2300	5200	92000		---	---	---	SPL
MW-9		09/23/1999		8.08	4.74	---	3.34		57000	---	12000	5400	1900	9500	89000		---	---	---	SPL
MW-9		12/28/1999		8.08	4.58	---	3.50		46000	---	15000	490	2500	3500	100000		---	---	---	PACE
MW-9		03/22/2000		8.08	3.90	---	4.18		86000	---	18000	1800	2300	6800	120000		---	---	---	PACE
MW-9		05/26/2000		8.08	4.15	---	3.93		82000	---	17000	680	1800	3800	100000		---	---	---	PACE
MW-9		09/06/2000		8.08	4.47	---	3.61		100000	---	19000	280	2400	6400	84000		---	---	---	PACE
MW-9		09/15/2000		8.08	4.34	---	3.74		---	---	---	---	---	---	---		---	---	---	---
MW-9		12/11/2000		8.08	4.41	---	3.67		110000	---	14400	768	2610	6670	123000		---	---	---	PACE
MW-9	(h)	03/29/2001		8.08	---	---	---		---	---	---	---	---	---	---		---	---	---	---
MW-9	(m)	06/26/2001		8.08	5.03	0.13	3.15	(l)	---	---	---	---	---	---	---		---	---	---	---
MW-9	(m)	09/19/2001		8 08	---	---	---		---	---	---	---	---	---	---		---	---	---	---
MW-9		12/28/2001		8.08	3.73	---	4.35		110000	---	15000	1500	2280	5530	60900		---	---	---	PACE
MW-9		03/12/2002		8.08	4.93	---	3.15		88000	---	12500	2600	2800	8950	44000		---	---	---	PACE
MW-9		6/13/2002*		8.08	4.13	---	3.95		59000	---	9870	161	2560	5560	35600		---	---	---	PACE
MW-9		09/06/2002		8.08	4.39	---	3.69		47000	---	10000	ND<100	2100	4600	31000		---	---	---	SEQ

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WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOC (mg/L)	HVOC (ug/L)	DO (ppm)	LAB
QC-2	(g)	11/05/1992	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2	(g)	10/12/1993	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2	(g)	02/15/1994	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2	(g)	05/11/1994	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2	(g)	08/01/1994	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2	(g)	10/18/1994	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2	(g)	01/13/1995	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	—	—	ATI
QC-2	(g)	04/13/1995	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	—	—	ATI
QC-2	(g)	07/11/1995	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	—	ATI
QC-2	(g)	11/02/1995	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	—	—	—	ATI
QC-2	(g)	02/05/1996	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL
QC-2	(g)	04/24/1996	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL
QC-2	(g)	07/16/1996	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL

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

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	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

ABBREVIATIONS

TPH-G	Total petroleum hydrocarbons as gasoline
TPH-D	Total petroleum hydrocarbons as diesel
B	Benzene
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 above reported detection limit
---	Not analyzed/applicable/measurable
PACE	Pace, Inc
ATI	Analytical Technologies, Inc
SPL	Southern Petroleum Laboratories
SEQ	Sequoia Analytical

NOTES

(a) Top of casing elevations surveyed relative to an established benchmark with an elevation of 8.11 feet above mean sea level

(b) Groundwater elevations adjusted assuming a specific gravity of 0 75 for free product

(c) Detection limits vary, see laboratory report

(d) A copy of the documentation for this data is included in Appendix C of Alisto report 10-061-07-004

(e) Blind duplicate

(f) EPA Methods 8020/8260 used

(g) Travel blank

(h) Inaccessible

(i) Depth to water anomalous, groundwater elevation not used in contouring.

(j) Well paved over

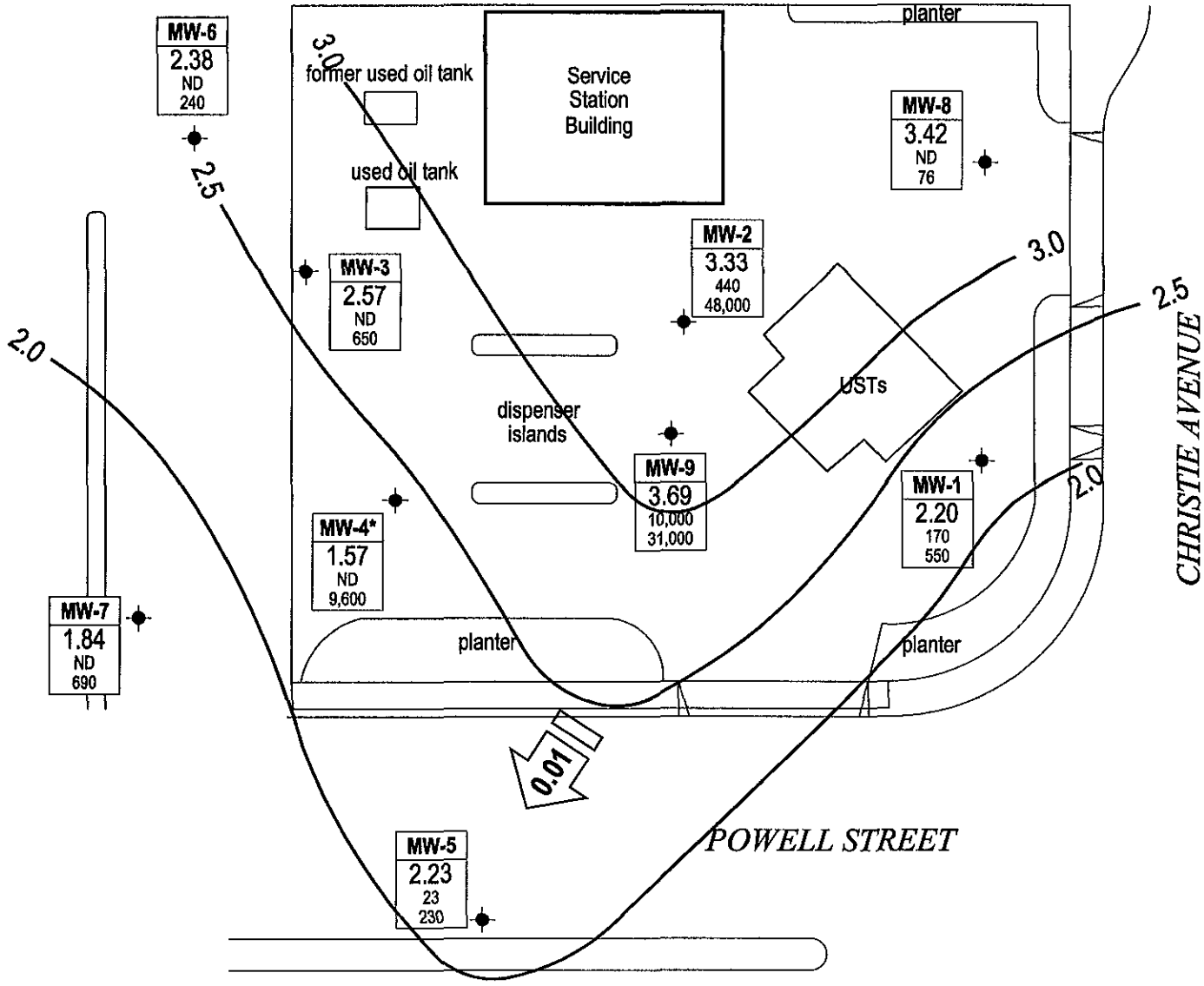
(k) A copy of the documentation for this data can be found in Blaine Tech Services report 010627-Z-1
MTBE data for the November 4, 1992 sampling event has been destroyed
No chromatograms could be located for MTBE data from well MW-5, sampled on October 12, 1993

(l) Groundwater elevation is an estimate

(m) Not sampled due to nature of SPH

(n) Unable to sample

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



EXPLANATION

- MW-1 ⊕ Monitoring well location
- * Groundwater data not used in contouring
- 2.5 Groundwater elevation contour (ft/MSL) dashed where inferred
- Well / ELEV / Benzene / MTBE — Well designation; Groundwater elevation (ft/MSL); Benzene and MTBE concentrations are in micrograms per liter (µg/L)
- 0.01 Groundwater flow direction (ft/MSL)

NORTH

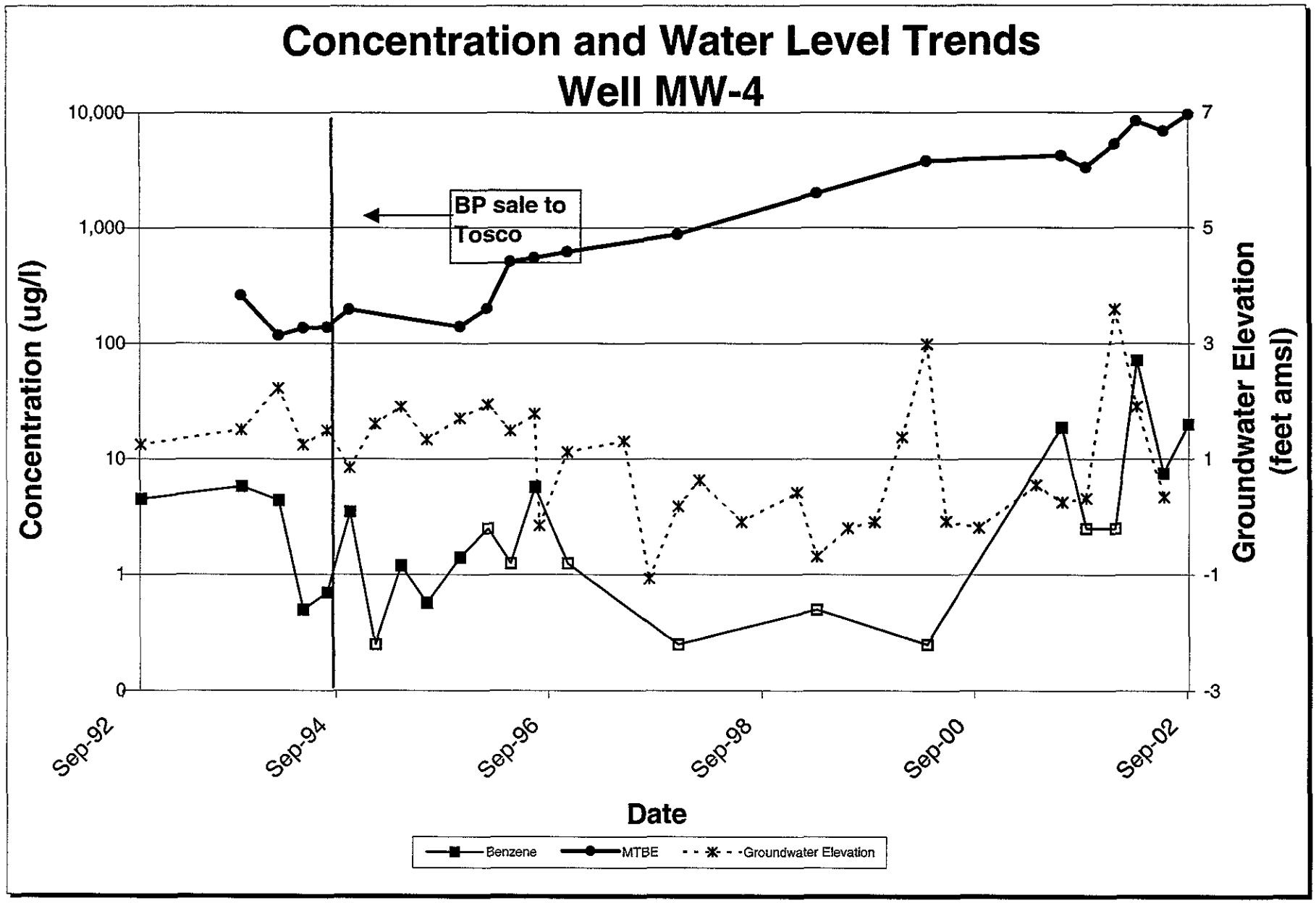
0 30 60

SCALE IN FEET

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

URS	Project No. 38485985 Former BP Service Station #11126 1700 Powell Street Emeryville, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Third Quarter 2002 (September 6, 2002)	FIGURE 1

X:\x_env_waste\BP GEM\Sites\RMH Sites\BP Heritage\111126\Reports\Monitoring\Qtr-3, 2002\1_GWEC-AS_9-6.dwg


Concentration and Water Level Trends
Well MW-4
10,000
1,000
100
10
1
0
7
5
3
1
-1
-3
BP sale to Tosco
Concentration (ug/l)
Groundwater Elevation (feet amsl)
Sep-92
Sep-94
Sep-96
Sep-98
Sep-00
Sep-02
Date
Benzene
MTBE
Groundwater Elevation

ATTACHMENT A

FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

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

WELL GAUGING DATA

Project # 020906-MN1 Date 9/6/02 Client BP 11126

Site 1700 Powell st, Emeryville

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2	0				5.56	11.27		
MW-2	2					5.23	11.88		
MW-3	2					5.68	11.86		
MW-4	2	0				7.78	10.94		
MW-5	2					5.46	12.88		
MW-6	2					6.14	13.45		
MW-7	2					5.77	13.91		
MW-8	2					5.18	13.77		
MW-9	4	0				4.39	13.72		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 090602 -MN1	Station # 11126
Sampler: MikeN	Date: 9/6/02
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 11.27	Depth to Water: 5.56
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method:
- Bailer
- X Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: _____

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

Top of Screen: _____

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

.90 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 2.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1143	73.9	7.1	2165	1.0	Grey, cloudy, odor
1144	73.1	7.0	2239	2.0	" " "
1145	72.9	7.0	2272	3.0	" " "

Did well dewater? Yes (No) Gallons actually evacuated: 3.0

Sampling Time: 1150 Sampling Date: 9/6/02

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

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

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 #: 090602 -MN1	Station # 11126
Sampler: MikeN	Date: 9/6/02
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 11.88	Depth to Water: 5.23
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method:
- Bailer
- X Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: ____

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

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

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

Time	Temp (°F)	pH	Conductivity (µS)	Gals. Removed	Observations
1206	73.7	7.3	1946	1.1	Grey, Silty, odor
1208	72.4	7.1	2003	2.2	" " "
1209	71.7	7.1	2122	3.3	" " "
					Reactive w/ HCl
					Silty Sample

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

Sampling Time: 1214 Sampling Date: 9/6/02

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

Analyzed for: (TPH-D) BTEX MTBE (TNH-D) Other: TOG

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 #: 090602 -MN1	Station # 1126
Sampler: Mike N	Date: 9/6/02
Well I.D.: MW-3	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 11.86	Depth to Water: 5.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / ☒Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ____

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

Top of Screen: ____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1119	70.9	7.5	5107	1.0	Light grey, Cloudy
1120	70.4	7.3	6044	2.0	" "
1121	69.9	7.3	6118	3.0	" "

Did well dewater? Yes (No) Gallons actually evacuated: 3.0

Sampling Time: 1126 Sampling Date: 9/6/02

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

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

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 #: 090602 -MN1	Station # 11126
Sampler: MIKE N	Date: 9/6/02
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 10.94	Depth to Water: 7.78
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~~ / Middleburg / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1135	68.4	7.5	2970	.50	Grey, cloudy
1136	67.8	7.4	3404	1.0	" "
~~1137~~ 1137	Well	dewatered			DTW = 10.04
1231	69.2	7.4	3482	–	DTW = 6.79

Did well dewater? (Yes) No Gallons actually evacuated: 1.0

Sampling Time: 1231 Sampling Date: 9/6/02

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

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

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 #: 090602 -MN1	Station # 1126
Sampler: Mike N.	Date: 9/6/02
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 12.88	Depth to Water: 5.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer; ☒Disposable Bailer; Middleburg; Electric Submersible; Extraction Pump; Other: ____

Sampling Method: Bailer; ☒Disposable Bailer; Extraction Port; Other: ____

Top of Screen: ____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1042	74.6	7.4	1054	1.2	Grey, Cloudy, odor
1043	75.9	7.1	1032	2.4	" " "
1045	76.2	7.6	1027	3.6	" " "

Did well dewater? Yes (No) Gallons actually evacuated: 7.6

Sampling Time: 1050 Sampling Date: 9/6/02

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

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

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 #: 090602 -MN1	Station # 11126
Sampler: MikeN	Date: 9/6/02
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.45	Depth to Water: 6.14
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~~ / Middleburg / Electric Submersible / Extraction Pump / Other: ___

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1105	76.1	7.5	3741	1.2	Grey, cloudy, odor
1107	75.7	7.5	3276	2.4	4 4 4
1109	75.9	7.5	2976	3.6	4 4 4

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

Sampling Time: 1114 Sampling Date: 9/6/02

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

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

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 #: 090602 -MN1	Station # 11126
Sampler: MikeN	Date: 9/6/02
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.91	Depth to Water: 5.77
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 / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1054	78.7	7.3	2777	1.3	Grey, cloudy
1055	78.3	7.3	3024	2.6	" "
1057	78.4	7.3	2976	3.9	" "

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

Sampling Time: 1102 Sampling Date: 9/6/02

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

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

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 #: 090602 -MN1	Station # 11126
Sampler: MikeN	Date: 9/6/02
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.77	Depth to Water: 5.18
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) Middleburg Electric Submersible Extraction Pump Other: ____

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1155	77.6	7.0	2049	1.4	Clear
1157	76.9	6.9	2068	2.8	"
1158	75.9	6.9	2143	4.2	"

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

Sampling Time: 1203 Sampling Date: 9/6/02

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

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

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 #: 090602 -MN1	Station # 1126
Sampler: Mike N	Date: 9/6/02
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.72	Depth to Water: 4.39
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / Middleburg / (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.

6.0 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 18.0 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1218	73.4	7.3	1967	6.0	Clear, Strong odor
1220	73.2	7.0	2004	12.0	" "
1221	Well	dewatered			DTW = Bottom 12.00
1225	73.0	7.0	2091	—	DTW = 11.97

Did well dewater? (Yes) No Gallons actually evacuated: 12.0

Sampling Time: 1225 (Site depart) Sampling Date: 9/6/02

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

Analyzed for: (TPH-D) (BTEX) (MTBE) (TPH-D) Other: TOG

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

Chain of Custody Record

Project Name _____
BP BU/GEM CO Portfolio: _____
BP Laboratory Contract Number: _____
Requested Due Date (mm/dd/yy) _____

Date: 9/6/07

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

d To:	BP/GEM Facility No.:	Consultant/Contractor: URS
Name: SEQUOIA	BP/GEM Facility Address: 1700 POWELL ST., EMERYVILLE, CA	Address: 500 12th St., Ste. 200
Address: 885 Jarvis Dr.	Site ID No. 11126	Oakland, CA 94609-4014
Morgan Hill, CA 95037	Site Lat/Long:	e-mail EDD: syed_rehan@urscorp.com
	California Global ID #: T0600100208	Consultant/Contractor Project No.:
PM: Latonya Pelt	BP/GEM PM Contact: Scott Hooton	Consultant Tele/Fax: 510-874-3101 / 510-874-3268
e/Fax: 408-776-9600 / 408-782-6308	Address:	Consultant/Contractor PM: Robert Horwath
ort Type & QC Level: Send EDF Reports		Invoice to: Consultant/Contractor or BP/GEM (Circle one)
GEM Account No.: 400-6-21124	Tele/Fax:	BP/GEM Work Release No:

Bottle Order No:			Matrix						Preservatives						Requested Analysis										
n No.	Sample Description	Time	Soil/Solid	Water/Liquid	Sediments	Air	Laboratory No.	No. of containers	Unpreserved	H_2SO_4	HNO_3	HCl			TPH-G / BTEX (8015 / 8021)	TPH -D (8015)	MTBE (8021)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	TPH-G					Sample Point Lat/Long and Comments
1	MW-1	1150		X								X			X		X								
2	MW-2	1214										X			X		X								
3	MW-3	1126							X			X			X	X	X			X					
4	MW-4	1231										X			X		X								
5	MW-5	1050										X			X		X								
6	MW-6	1114										X			X		X								
7	MW-7	1102										X			X		X								
8	MW-8	1203										X			X		X								
9	MW-9	1225										X			X		X								
10																									

pler's Name: Michael Nwobuta	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
pler's Company: Blaine Tech	[illegible] / BTS					
oment Date:						
oment Method:						
oment Tracking No:						

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

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

WELLHEAD INSPECTION CHECKLIST AND REPAIR ORDER

Client 1700 Powell St Emeryville Inspection Date 9/6/02

Site Address 1700 Powell St. Emeryville Inspected By m

1. Lid on box?	6. Casing secure?	12. Water standing in wellbox?	15. Well cap functional?
2. Lid broken?	7. Casing cut level?	12a. Standing above the top of casing?	16. Can cap be pulled loose?
3. Lid bolts missing?	8. Debris in wellbox?	12b. Standing below the top of casing?	17. Can cap seal out water?
4. Lid bolts stripped?	9. Wellbox is too far above grade?	12c. Water even with the top of casing?	18. Padlock present?
5. Lid seal intact?	10. Wellbox is too far below grade?	13. Well cap present?	19. Padlock functional?
	11. Wellbox is crushed/damaged?	14. Well cap found secure?	

☐ Check box if no deficiencies were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken
MW-7	~~Bolt~~ Bad 2357 Lock	~~Add~~ New 2557 Lock
MW-6	Bad 2357 Lock	New 2357 Lock

Note below all deficiencies that could not be corrected and still need to be corrected.

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected
MW-6	Stripped tabs 13/16 bolt	BTS can make corrections if requested	9/6/02	
	Head Heli Coil - well box, crushed cement, below grade. (Replace)		"	
MW-3	3 stripped tabs 1/2" bolts		"	
MW-8	2 stripped tabs "		"	
MW-9	SPH Stained Casing - Needs Scrubbing			

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:

1700 Powell St Emeryville

Station #

11126

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip. rinse water 5.0

any other adjustments —

TOTAL GALS. RECOVERED 43.0

loaded onto BTS vehicle # 44

BTS event #	time	date
090602-MW1	1300	9/6/02

signature

* *

REC'D AT	time	date
BTS		9/6/02

unloaded by signature

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment.

Sequoia Analytical

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27 September, 2002

Robert Horwath
URS Corporation
500 12th Street, Suite 100
Oakland, CA 94607

RE: BP Heritage Site #11126, Emeryville, CA
Sequoia Report: MLI0242 RECREATE

Enclosed are the results of analyses for samples received by the laboratory on 09/09/02 10:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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URS Corporation	Project: BP Heritage Site #11126, Emeryville, CA	
500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MLI0242-01	Water	09/06/02 11:50	09/09/02 10:35
MW-2	MLI0242-02	Water	09/06/02 12:14	09/09/02 10:35
MW-3	MLI0242-03	Water	09/06/02 11:26	09/09/02 10:35
MW-4	MLI0242-04	Water	09/06/02 12:31	09/09/02 10:35
MW-5	MLI0242-05	Water	09/06/02 10:50	09/09/02 10:35
MW-6	MLI0242-06	Water	09/06/02 11:14	09/09/02 10:35
MW-7	MLI0242-07	Water	09/06/02 11:02	09/09/02 10:35
MW-8	MLI0242-08	Water	09/06/02 12:03	09/09/02 10:35
MW-9	MLI0242-09	Water	09/06/02 12:25	09/09/02 10:35

Sequoia Analytical - Morgan Hill

Latonya K. Pelt

Latonya Pelt, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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URS Corporation	Project: BP Heritage Site #11126, Emeryville, CA	
500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MLI0242-01) Water Sampled: 09/06/02 11:50 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	**1100**	120	ug/l	2.5	2I18001	09/18/02	09/18/02	8015Bm/8021 B	HC-21
Benzene	**170**	1.2	"	"	"	"	"	"	
Toluene	**5.1**	1.2	"	"	"	"	"	"	
Ethylbenzene	**2.2**	1.2	"	"	"	"	"	"	
Xylenes (total)	**20**	1.2	"	"	"	"	"	"	
Methyl tert-butyl ether	**550**	6.2	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*70-130*		"	"	"	"	
MW-2 (MLI0242-02) Water Sampled: 09/06/02 12:14 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	**26000**	5000	ug/l	100	2I18001	09/18/02	09/18/02	8015Bm/8021 B	HC-12
Benzene	**440**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
Xylenes (total)	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**45000**	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98.8 %*	*70-130*		"	"	"	"	
MW-3 (MLI0242-03) Water Sampled: 09/06/02 11:26 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	ND	200	ug/l	4	2I20004	09/20/02	09/20/02	8015Bm/8021 B	R-05
Benzene	ND	2.0	"	"	"	"	"	"	R-05
Toluene	ND	2.0	"	"	"	"	"	"	R-05
Ethylbenzene	ND	2.0	"	"	"	"	"	"	R-05
Xylenes (total)	ND	2.0	"	"	"	"	"	"	R-05
Methyl tert-butyl ether	**650**	10	"	"	"	"	"	"	R-05
Surrogate: a,a,a-Trifluorotoluene		*115 %*	*70-130*		"	"	"	"	

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URS Corporation	Project: BP Heritage Site #11126, Emeryville, CA	
500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MLI0242-04) Water Sampled: 09/06/02 12:31 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	ND	2000	ug/l	40	2I20004	09/20/02	09/20/02	8015Bm/8021 B	R-05
Benzene	ND	20	"	"	"	"	"	"	R-05
Toluene	ND	20	"	"	"	"	"	"	R-05
Ethylbenzene	ND	20	"	"	"	"	"	"	R-05
Xylenes (total)	ND	20	"	"	"	"	"	"	R-05
Methyl tert-butyl ether	**9600**	100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*109 %*	*70-130*		"	"	"	"	
MW-5 (MLI0242-05) Water Sampled: 09/06/02 10:50 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	**3400**	500	ug/l	10	2I18001	09/18/02	09/18/02	8015Bm/8021 B	HC-12
Benzene	**23**	5.0	"	"	"	"	"	"	
Toluene	**5.5**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	**11**	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**230**	25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*90.1 %*	*70-130*		"	"	"	"	
MW-6 (MLI0242-06) Water Sampled: 09/06/02 11:14 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	**130**	50	ug/l	1	2I18001	09/18/02	09/18/02	8015Bm/8021 B	HC-12
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**240**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*112 %*	*70-130*		"	"	"	"	

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URS Corporation	Project: BP Heritage Site #11126, Emeryville, CA	
500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MLI0242-07) Water Sampled: 09/06/02 11:02 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	**350**	250	ug/l	5	2I18001	09/18/02	09/18/02	8015Bm/8021 B	HC-12
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**690**	12	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.7 %*	*70-130*		"	"	"	"	
MW-8 (MLI0242-08) Water Sampled: 09/06/02 12:03 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	**98**	50	ug/l	1	2I18001	09/18/02	09/18/02	8015Bm/8021 B	HC-12
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**76**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.9 %*	*70-130*		"	"	"	"	
MW-9 (MLI0242-09) Water Sampled: 09/06/02 12:25 Received: 09/09/02 10:35									
Gasoline Range Organics (C6-C10)	**47000**	10000	ug/l	200	2I18001	09/18/02	09/18/02	8015Bm/8021 B	HC-21
Benzene	**10000**	100	"	"	"	"	"	"	
Toluene	ND	100	"	"	"	"	"	"	
Ethylbenzene	**2100**	100	"	"	"	"	"	"	
Xylenes (total)	**4600**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**31000**	500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*70-130*		"	"	"	"	

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URS Corporation	Project: BP Heritage Site #11126, Emeryville, CA	
500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Diesel Hydrocarbons (C10-C28) by 8015B modified

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MLI0242-03) Water Sampled: 09/06/02 11:26 Received: 09/09/02 10:35									
Diesel Range Organics (C10-C28)	**4700**	980	ug/l	20	2I12039	09/12/02	09/14/02	8015Bm	HC-12
Surrogate: n-Octacosane		*659 %*	*50-150*		"	"	"	"	*S-04*

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500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MLI0242-03) Water Sampled: 09/06/02 11:26 Received: 09/09/02 10:35									
Oil & Grease	**12**	4.8	mg/l	1	2I13026	09/13/02	09/14/02	EPA 1664A	

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500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2I18001 - EPA 5030B [P/T]										
Blank (2I18001-BLK1)				Prepared & Analyzed: 09/18/02						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*10.9*		"	*10.0*		*109*	*70-130*			
LCS (2I18001-BS1)				Prepared & Analyzed: 09/18/02						
Benzene	10.5	0.50	ug/l	10.0		105	70-130			
Toluene	10.6	0.50	"	10.0		106	70-130			
Ethylbenzene	10.1	0.50	"	10.0		101	70-130			
Xylenes (total)	32.5	0.50	"	30.0		108	70-130			
Surrogate: a,a,a-Trifluorotoluene	*11.2*		"	*10.0*		*112*	*70-130*			
LCS (2I18001-BS2)				Prepared & Analyzed: 09/18/02						
Gasoline Range Organics (C6-C10)	302	50	ug/l	250		121	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.7*		"	*10.0*		*107*	*70-130*			
LCS Dup (2I18001-BSD1)				Prepared & Analyzed: 09/18/02						
Benzene	9.42	0.50	ug/l	10.0		94.2	70-130	10.8	25	
Toluene	9.60	0.50	"	10.0		96.0	70-130	9.90	25	
Ethylbenzene	8.97	0.50	"	10.0		89.7	70-130	11.9	25	
Xylenes (total)	28.8	0.50	"	30.0		96.0	70-130	12.1	25	
Surrogate: a,a,a-Trifluorotoluene	*9.14*		"	*10.0*		*91.4*	*70-130*			
LCS Dup (2I18001-BSD2)				Prepared & Analyzed: 09/18/02						
Gasoline Range Organics (C6-C10)	200	50	ug/l	250		80.0	70-130	40.6	25	QR-02
Surrogate: a,a,a-Trifluorotoluene	*9.51*		"	*10.0*		*95.1*	*70-130*			

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URS Corporation	Project: BP Heritage Site #11126, Emeryville, CA	
500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2I20004 - EPA 5030B [P/T]										
Blank (2I20004-BLK1)				Prepared & Analyzed: 09/20/02						
Gasoline Range Organics (C6-C10)	ND	10	ug/l							
Benzene	ND	0.10	"							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
Xylenes (total)	ND	0.10	"							
Methyl tert-butyl ether	ND	0.50	"							
Surrogate: a,a,a-Trifluorotoluene	*2.35*		"	*2.00*		*118*	*70-130*			
LCS (2I20004-BS1)				Prepared & Analyzed: 09/20/02						
Benzene	2.18	0.10	ug/l	2.00		109	70-130			
Toluene	2.03	0.10	"	2.00		102	70-130			
Ethylbenzene	1.92	0.10	"	2.00		96.0	70-130			
Xylenes (total)	5.58	0.10	"	6.00		93.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*2.25*		"	*2.00*		*112*	*70-130*			
LCS (2I20004-BS2)				Prepared & Analyzed: 09/20/02						
Gasoline Range Organics (C6-C10)	51.9	10	ug/l	50.0		104	70-130			
Surrogate: a,a,a-Trifluorotoluene	*4.02*		"	*2.00*		*201*	*70-130*			*S-02*
LCS Dup (2I20004-BSD1)				Prepared & Analyzed: 09/20/02						
Benzene	2.25	0.10	ug/l	2.00		112	70-130	3.16	25	
Toluene	2.10	0.10	"	2.00		105	70-130	3.39	25	
Ethylbenzene	1.97	0.10	"	2.00		98.5	70-130	2.57	25	
Xylenes (total)	5.81	0.10	"	6.00		96.8	70-130	4.04	25	
Surrogate: a,a,a-Trifluorotoluene	*2.15*		"	*2.00*		*108*	*70-130*			
LCS Dup (2I20004-BSD2)				Prepared & Analyzed: 09/20/02						
Gasoline Range Organics (C6-C10)	51.4	10	ug/l	50.0		103	70-130	0.968	25	
Surrogate: a,a,a-Trifluorotoluene	*3.07*		"	*2.00*		*154*	*70-130*			*S-02*

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500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Diesel Hydrocarbons (C10-C28) by 8015B modified - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2I12039 - EPA 3510C										
Blank (2I12039-BLK1)				Prepared & Analyzed: 09/12/02						
Diesel Range Organics (C10-C28)	ND	50	ug/l							
Surrogate: n-Octacosane	*101*		"	*100*		*101*	*50-150*			
LCS (2I12039-BS1)				Prepared & Analyzed: 09/12/02						
Diesel Range Organics (C10-C28)	455	50	ug/l	500		91.0	60-140			
Surrogate: n-Octacosane	*32.7*		"	*50.0*		*65.4*	*50-150*			
LCS Dup (2I12039-BSD1)				Prepared & Analyzed: 09/12/02						
Diesel Range Organics (C10-C28)	484	50	ug/l	500		96.8	60-140	6.18	50	
Surrogate: n-Octacosane	*40.1*		"	*50.0*		*80.2*	*50-150*			

Sequoia Analytical

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

URS Corporation	Project: BP Heritage Site #11126, Emeryville, CA	
500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

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 2I13026 - Solvent Extraction										
Blank (2I13026-BLK1)				Prepared: 09/13/02 Analyzed: 09/14/02						
Oil & Grease	ND	5.0	mg/l							
LCS (2I13026-BS1)				Prepared: 09/13/02 Analyzed: 09/14/02						
Oil & Grease	17.7	5.0	mg/l	20.0		88.5	70-130			
LCS Dup (2I13026-BSD1)				Prepared: 09/13/02 Analyzed: 09/14/02						
Oil & Grease	17.8	5.0	mg/l	20.0		89.0	70-130	0.563	30	

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URS Corporation	Project: BP Heritage Site #11126, Emeryville, CA	
500 12th Street, Suite 100	Project Number: BP Heritage Site #11126, Emeryville, CA	**Reported:**
Oakland CA, 94607	Project Manager: Robert Horwath	09/27/02 09:14

Notes and Definitions

HC-12	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
HC-21	Chromatogram Pattern: Gasoline C6-C10
QR-02	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.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
S-04	The surrogate recovery for this sample is outside control limits due to interference from the sample matrix.
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

bp

Project Name
BP BU/GEM CO Portfolio:
BP Laboratory Contract Number: MLI0242
Requested Due Date (mm/dd/yy)

Date: 9/6/02

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Send To:	BP/GEM Facility No.:	Consultant/Contractor: URS
Lab Name: SEQUOIA	BP/GEM Facility Address: 1700 POWELL ST., EMERYVILLE, CA	Address: 500 12th St., Ste. 200
Lab Address: 885 Jarvis Dr.	Site ID No. 11126	Oakland, CA 94609-4014
Morgan Hill, CA 95037	Site Lat/Long:	e-mail EDD: syed_rehan@urscorp.com
	California Global ID #: T0600100208	Consultant/Contractor Project No.:
Lab PM: Latonya Pelt	BP/GEM PM Contact: Scott Hooton	Consultant Tele/Fax: 510-874-3101 / 510-874-3268
Tele/Fax: 408-778-9600 / 408-782-6308	Address:	Consultant/Contractor PM: Robert Horwath
Report Type & QC Level: Send EDF Reports		Invoice to: Consultant/Contractor or BP/GEM (circle one)
BP/GEM Account No.: 400-6-21124	Tele/Fax:	BP/GEM Work Release No:

Lab Bottle Order No:

Item No.	Sample Description	Time	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Sediments	Matrix: Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Requested Analysis: TPH-G / BTEX (8015 / 8021)	Requested Analysis: TPH-D (8015)	Requested Analysis: MTBE (8021)	Requested Analysis: MTBE, TAME, ETBE, DIPE, TBA (8260)	Requested Analysis: 1,2-DCA & EDB (8260)	Requested Analysis: TRPH	Sample Point Lat/Long and Comments
1	MW-1	1150		X			01	2				X	X		X				
2	MW-2	1214					02	3				X	X		X				
3	MW-3	1126					03	7	X			X	X	X	X			X	
4	MW-4	1231					04	3				X	X		X				
5	MW-5	1050					05	1				X	X		X				
6	MW-6	1114					06					X	X		X				
7	MW-7	1102					07					X	X		X				
8	MW-8	1203					08					X	X		X				
9	MW-9	1225					09					X	X		X				
10																			

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Michael Nicholas						
Sampler's Company: Blaine Tech	[illegible] BTS	09/06/02	0954	[illegible]	9/6/02	9:54
Shipment Date:	[illegible]	9/9/02	1035	Didier Jeracen	9/9/02	1035
Shipment Method:						
Shipment Tracking No:						

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

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

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

ATTACHMENT C

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

11/01/02

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	BP Heritage Site #11126,
Work Order Number:	MLI0242
Global ID:	T0600100208
Lab Report Number:	MLI0242092720020914

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
MLI024209272002 0914	MW-1	MLI024201	W	CS	SW8020F	SW5030B	09/06/02	09/18/02	09/18/02	2I18001	1	
MLI024209272002 0914	MW-2	MLI024202	W	CS	SW8020F	SW5030B	09/06/02	09/18/02	09/18/02	2I18001	1	
MLI024209272002 0914	MW-3	MLI024203	W	CS	E1664A	A5520D	09/06/02	09/13/02	09/14/02	2I13026	1	
MLI024209272002 0914	MW-3	MLI024203	W	CS	M8015	3510ARO	09/06/02	09/12/02	09/14/02	2I12039	1	
MLI024209272002 0914	MW-3	MLI024203	W	CS	SW8020F	SW5030B	09/06/02	09/20/02	09/20/02	2I20004	1	
MLI024209272002 0914	MW-4	MLI024204	W	CS	SW8020F	SW5030B	09/06/02	09/20/02	09/20/02	2I20004	1	
MLI024209272002 0914	MW-5	MLI024205	W	CS	SW8020F	SW5030B	09/06/02	09/18/02	09/18/02	2I18001	1	
MLI024209272002 0914	MW-6	MLI024206	W	CS	SW8020F	SW5030B	09/06/02	09/18/02	09/18/02	2I18001	1	
MLI024209272002 0914	MW-7	MLI024207	W	CS	SW8020F	SW5030B	09/06/02	09/18/02	09/18/02	2I18001	1	
MLI024209272002 0914	MW-8	MLI024208	W	CS	SW8020F	SW5030B	09/06/02	09/18/02	09/18/02	2I18001	1	
MLI024209272002 0914	MW-9	MLI024209	W	CS	SW8020F	SW5030B	09/06/02	09/18/02	09/18/02	2I18001	1	
		2I12039BSD1	WQ	BD1	M8015	3510ARO	/ /	09/12/02	09/12/02	2I12039	1	
		2I12039BS1	WQ	BS1	M8015	3510ARO	/ /	09/12/02	09/12/02	2I12039	1	
		2I12039BLK1	WQ	LB1	M8015	3510ARO	/ /	09/12/02	09/12/02	2I12039	1	
		2I13026BSD1	WQ	BD1	E1664A	A5520D	/ /	09/13/02	09/14/02	2I13026	1	
		2I13026BS1	WQ	BS1	E1664A	A5520D	/ /	09/13/02	09/14/02	2I13026	1	
		2I13026BLK1	WQ	LB1	E1664A	A5520D	/ /	09/13/02	09/14/02	2I13026	1	
		2I18001BSD1	WQ	BD1	SW8020F	SW5030B	/ /	09/18/02	09/18/02	2I18001	1	
		2I18001BSD2	WQ	BD2	SW8020F	SW5030B	/ /	09/18/02	09/18/02	2I18001	1	
		2I18001BS1	WQ	BS1	SW8020F	SW5030B	/ /	09/18/02	09/18/02	2I18001	1	
		2I18001BS2	WQ	BS2	SW8020F	SW5030B	/ /	09/18/02	09/18/02	2I18001	1	
		2I18001BLK1	WQ	LB1	SW8020F	SW5030B	/ /	09/18/02	09/18/02	2I18001	1	
		2I20004BSD1	WQ	BD1	SW8020F	SW5030B	/ /	09/20/02	09/20/02	2I20004	1	
		2I20004BSD2	WQ	BD2	SW8020F	SW5030B	/ /	09/20/02	09/20/02	2I20004	1	
		2I20004BS1	WQ	BS1	SW8020F	SW5030B	/ /	09/20/02	09/20/02	2I20004	1	
		2I20004BS2	WQ	BS2	SW8020F	SW5030B	/ /	09/20/02	09/20/02	2I20004	1	
		2I20004BLK1	WQ	LB1	SW8020F	SW5030B	/ /	09/20/02	09/20/02	2I20004	1	

EDFSAMP: Error Summary Log

11/01/02

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

EDFTEST: Error Summary Log

11/01/02

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

EDFRES: Error Summary Log

11/01/02

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MLI024201	CS	W	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	MLI024201	CS	W	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	MLI024201	CS	W	SW8020F	PR	09/18/02	1	MTBE
Warning: extra parameter	MLI024202	CS	W	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	MLI024202	CS	W	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	MLI024202	CS	W	SW8020F	PR	09/18/02	1	MTBE
Warning: extra parameter	MLI024203	CS	W	E1664A	PR	09/14/02	1	OILGREASE
Warning: extra parameter	MLI024203	CS	W	SW8020F	PR	09/20/02	1	AAATFBZME
Warning: extra parameter	MLI024203	CS	W	SW8020F	PR	09/20/02	1	GROC6C10
Warning: extra parameter	MLI024203	CS	W	SW8020F	PR	09/20/02	1	MTBE
Warning: extra parameter	MLI024204	CS	W	SW8020F	PR	09/20/02	1	AAATFBZME
Warning: extra parameter	MLI024204	CS	W	SW8020F	PR	09/20/02	1	GROC6C10
Warning: extra parameter	MLI024204	CS	W	SW8020F	PR	09/20/02	1	MTBE
Warning: extra parameter	MLI024205	CS	W	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	MLI024205	CS	W	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	MLI024205	CS	W	SW8020F	PR	09/18/02	1	MTBE
Warning: extra parameter	MLI024206	CS	W	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	MLI024206	CS	W	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	MLI024206	CS	W	SW8020F	PR	09/18/02	1	MTBE
Warning: extra parameter	MLI024207	CS	W	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	MLI024207	CS	W	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	MLI024207	CS	W	SW8020F	PR	09/18/02	1	MTBE
Warning: extra parameter	MLI024208	CS	W	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	MLI024208	CS	W	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	MLI024208	CS	W	SW8020F	PR	09/18/02	1	MTBE
Warning: extra parameter	MLI024209	CS	W	SW8020F	PR	09/18/02	1	AAATFBZME

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MLI024209	CS	W	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	MLI024209	CS	W	SW8020F	PR	09/18/02	1	MTBE
Warning: extra parameter	2I13026BLK1	LB1	WQ	E1664A	PR	09/14/02	1	OILGREASE
Warning: extra parameter	2I13026BS1	BS1	WQ	E1664A	PR	09/14/02	1	OILGREASE
Warning: extra parameter	2I13026BSD1	BD1	WQ	E1664A	PR	09/14/02	1	OILGREASE
Warning: extra parameter	2I18001BLK1	LB1	WQ	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	2I18001BLK1	LB1	WQ	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	2I18001BLK1	LB1	WQ	SW8020F	PR	09/18/02	1	MTBE
Warning: extra parameter	2I18001BS1	BS1	WQ	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	2I18001BS2	BS2	WQ	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	2I18001BS2	BS2	WQ	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	2I18001BSD1	BD1	WQ	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	2I18001BSD2	BD2	WQ	SW8020F	PR	09/18/02	1	AAATFBZME
Warning: extra parameter	2I18001BSD2	BD2	WQ	SW8020F	PR	09/18/02	1	GROC6C10
Warning: extra parameter	2I20004BLK1	LB1	WQ	SW8020F	PR	09/20/02	1	AAATFBZME
Warning: extra parameter	2I20004BLK1	LB1	WQ	SW8020F	PR	09/20/02	1	GROC6C10
Warning: extra parameter	2I20004BLK1	LB1	WQ	SW8020F	PR	09/20/02	1	MTBE
Warning: extra parameter	2I20004BS1	BS1	WQ	SW8020F	PR	09/20/02	1	AAATFBZME
Warning: extra parameter	2I20004BS2	BS2	WQ	SW8020F	PR	09/20/02	1	AAATFBZME
Warning: extra parameter	2I20004BS2	BS2	WQ	SW8020F	PR	09/20/02	1	GROC6C10
Warning: extra parameter	2I20004BSD1	BD1	WQ	SW8020F	PR	09/20/02	1	AAATFBZME
Warning: extra parameter	2I20004BSD2	BD2	WQ	SW8020F	PR	09/20/02	1	AAATFBZME
Warning: extra parameter	2I20004BSD2	BD2	WQ	SW8020F	PR	09/20/02	1	GROC6C10

EDFQC: Error Summary Log

11/01/02

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

EDFCL: Error Summary Log

11/01/02

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

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Date/Time of Submittal: 11/1/2002 5:56:45 PM
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Facility Name: BP MOBIL
Submittal Title: Third Quarter 2002 Monitoring Report
Submittal Type: GW Monitoring Report

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