bp

Roger SH

Scott T. Hooton
Portfolio Manager

BP Oil Company
Midwest Environmental Services
295 SW 41st Street
Bldg. 13, Suite N
Renton, WA 98055

Switchboard: 425/251-0667
Central Fax: 425/251-0736

September 11, 2001

Ms. Susan Hugo
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

SEP 19 2001

Re: Former BP Oil Site No, 11126
1700 Powell Street (at Christie)
Emeryville, CA

Direct: 425/251-0689
Cell. 206/919-5029
hootonst@bp.com
www bp.com

Dear Ms. Hugo:

Enclosed find the 29 August 2001 *Second Quarter 2001 Groundwater Monitoring* report prepared on behalf of BP by Blaine Tech Services. The report summarizes chemical data obtained since 1992, including results associated with samples obtained on 27 June 2001.

The enclosed report shows that liquid petroleum hydrocarbon (0.13 ft.) was measured in well MW-9. Liquid petroleum hydrocarbon was last documented in well MW-9 in 1996. On 27 June 2001, MTBE was detected in samples obtained from wells MW-1, MW-3, MW-4, MW-6, MW-7, and MW-8 with the highest concentrations associated with well MW-4.

Please give me a call at (425) 251-0689 if you have any comments or questions regarding this matter.

Sincerely,

Scott Hooton

Attachment

cc: site file
D. Camille - Tosco (w/attachment)

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

August 29, 2001

Scott Hooton
BP Oil Company
295 SW 41st Street, Bldg. 13, Suite N
Renton, WA 98055-4931

2nd Quarter 2001 Monitoring at 11126

Second Quarter 2001 Groundwater Monitoring
BP Service Station Number 11126
1700 Powell St.
Emeryville, CA

Monitoring Performed on June 27, 2001

Groundwater Sampling Report **010627-Z-1**

This report covers the routine monitoring of groundwater wells at this BP facility. Blaine Tech Services, Inc.'s work at the site includes inspection, gauging, evacuation, purgewater containment, sample collection and sample handling in accordance with standard procedures that conform to Regional Water Quality Control Board requirements.

Routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, the appropriate calculated purge volume, elapsed evacuation time, total volume of water removed, and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater is, likewise, collected and transported to Seaport Petroleum Corporation for disposal.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The **Professional Engineering Appendix** contains a **Groundwater Elevation Map** and a **Dissolved Petroleum Hydrocarbon Concentration Map.**

At a minimum, Blaine Tech Services, Inc. field personnel are certified upon completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

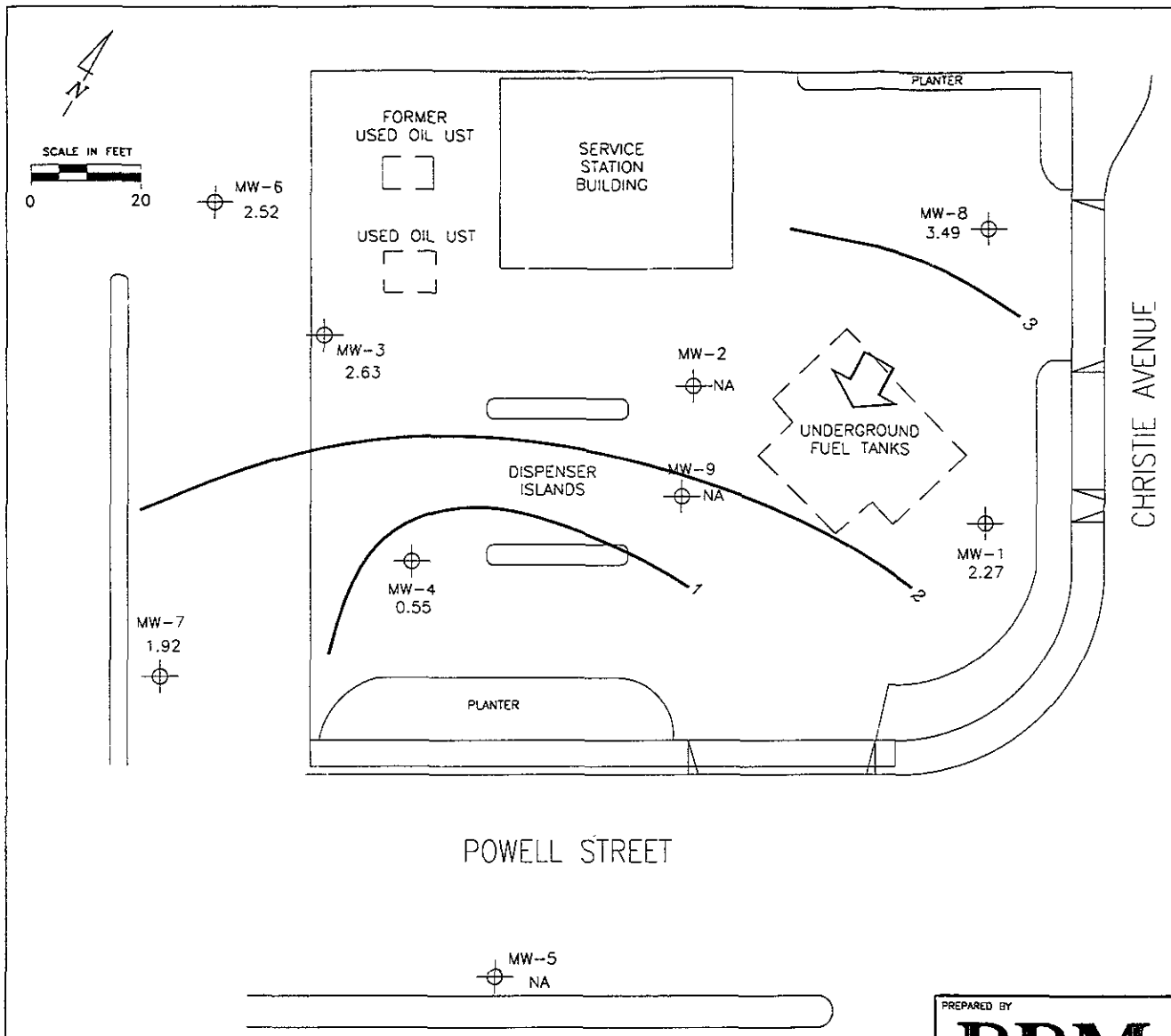
Yours truly,

Francis Thie
Vice President

FPT/ks

attachments: Professional Engineering Appendix
Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Field Data Sheets

Professional Engineering Appendix



EXPLANATION

- ⊕ MONITORING WELL
- 3.49 GROUNDWATER ELEVATION (FT. MSL)
- 3 — GROUNDWATER ELEVATION CONTOUR (FT. MSL)
- NA DATA NOT AVAILABLE
- APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.02
- * DATA NOT USED IN CONTOURING

REGISTERED GEOLOGIST
STEVEN E. KRCIK
No 4976
9-02
STATE OF CALIFORNIA

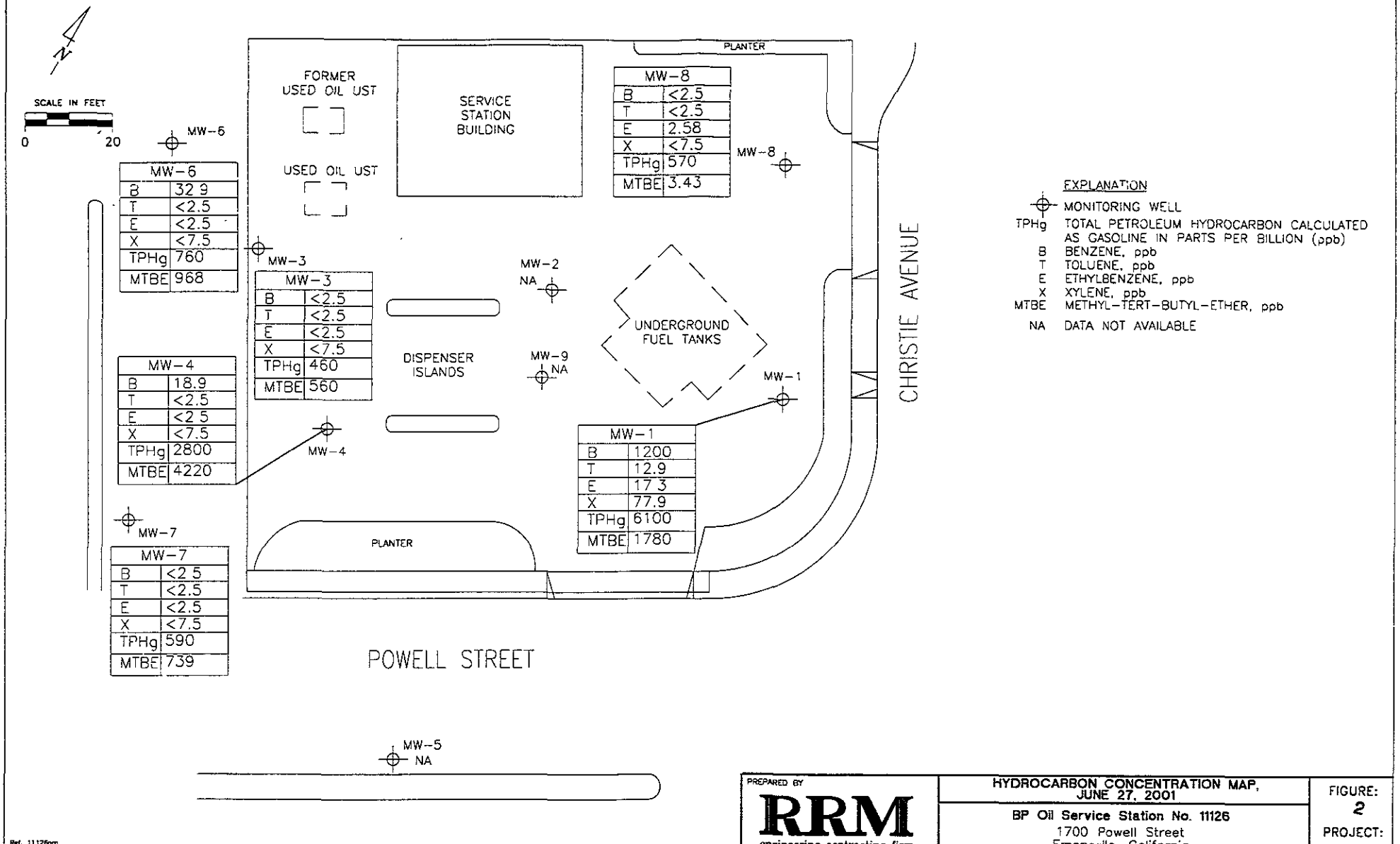
Ref. 11126sm
Basemap from Alisto Engineering Group

PREPARED BY
RRM
engineering contracting firm

GROUNDWATER ELEVATION CONTOUR MAP, JUNE 27, 2001

BP Oil Service Station No. 11126
1700 Powell Street
Emeryville, California

FIGURE: **1**
PROJECT: DAC04



EXPLANATION

- ⊕ MONITORING WELL
- TPHg TOTAL PETROLEUM HYDROCARBON CALCULATED AS GASOLINE IN PARTS PER BILLION (ppb)
- B BENZENE, ppb
- T TOLUENE, ppb
- E ETHYLBENZENE, ppb
- X XYLENE, ppb
- MTBE METHYL-TERT-BUTYL-ETHER, ppb
- NA DATA NOT AVAILABLE

Ref. 11126am
Basemap from Alisto Engineering Group

PREPARED BY
RRM
engineering contracting firm

HYDROCARBON CONCENTRATION MAP, JUNE 27, 2001

BP Oil Service Station No. 11126
1700 Powell Street
Emeryville, California

FIGURE: 2
PROJECT: DAC04

Table of
Well Data and
Analytical Results

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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	11/04/92	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	02/15/94	7.76	4.98	—	2.78	17000	—	4200	510	360	1600	5495 (k)	—	—	3.9	PACE
MW-1	05/11/94	7.76	4.55	—	3.21	5500	—	2900	37	55	64	705 (k)	—	—	8.0	PACE
MW-1	08/01/94	7.76	5.51	—	2.25	15000	—	3600	740	510	2800	9718 (d)(k)	—	—	2.9	PACE
QC-1 (e)	08/01/94	—	—	—	—	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	01/13/95	7.76	3.05	—	4.71	220	—	7	ND<0.5	1	23	—	—	—	6.6	ATI
QC-1 (e)	01/13/95	—	—	—	—	590	—	88	0.7	ND<0.5	55	—	—	—	—	ATI
MW-1	04/13/95	7.76	3.84	—	3.92	9300	—	4000	300	200	950	—	—	—	7.7	ATI
MW-1	07/11/95	7.76	3.60	—	4.16	15000	—	2200	84	ND<25	2500	—	—	—	8.8	ATI
MW-1	11/02/95	7.76	4.58	—	3.18	19000	—	920	ND<100	ND<100	430	52000	—	—	7.3	ATI
MW-1	02/05/96	7.76	4.43	—	3.33	4600	—	1400	330	54	247	8700	—	—	3.2	SPL
MW-1	04/24/96	7.76	4.00	—	3.76	2000	—	510	33	61	228	4500	—	—	7.5	SPL
MW-1	07/15/96	7.76	4.30	—	3.46	—	—	—	—	—	—	—	—	—	—	—
MW-1	07/16/96	7.76	—	—	—	12000	—	2800	170	390	1630	64000	—	—	7.9	SPL
QC-1 (e)	07/16/96	—	—	—	—	12000	—	2800	160	390	1610	63000	—	—	—	SPL
MW-1	07/30/96	7.76	4.64	—	3.12	—	—	—	—	—	—	—	—	—	—	—
MW-1	08/12/96	7.76	—	—	—	11000	—	2500	160	ND<10	1740	440000	—	—	7.0	SPL
MW-1	11/04/96	7.76	5.98	—	1.78	—	—	—	—	—	—	—	—	—	—	—
MW-1	11/05/96	7.76	—	—	—	53000	—	1300	43	100	349	42000/19000 (f)	—	—	6.6	SPL
MW-1	05/17/97	7.76	4.65	—	3.11	52000	—	1958	55	305	1216	140198	—	—	5.7	SPL
MW-1	08/11/97	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	01/29/98	7.76	4.90	—	2.86	4800	—	320	24	52	19.9	ND<50	—	—	6.6	SPL
MW-1	06/22/98	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	03/09/99	7.76	3.40	—	4.36	16000	—	2000	84	290	510	13000	—	—	—	SPL
MW-1	06/23/99	7.76	4.60	—	3.16	9600	—	4500	21	160	260	24000	—	—	—	SPL
MW-1	09/23/99	7.76	4.21	—	3.55	3800	—	1500	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	03/22/00	7.76	5.51	—	2.25	6400	—	1100	45	190	330	4900	—	—	—	PACE
MW-1	05/26/00	7.76	4.79	—	2.97	110000	—	700	44	140	250	320000	—	—	—	PACE
MW-1	09/06/00	7.76	5.19	—	2.57	5600	—	1000	13	57	90	19000	—	—	—	PACE
MW-1	09/15/00	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)	03/29/01	7.76	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	06/27/01	7.76	5.49	—	2.27	6100	—	1200	12.9	17.3	77.9	1780	—	—	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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-2	11/04/92	8.56	5.88	—	2.68	12000	—	3900	1300	ND<0.5	2300	—	(k)	—	—	—	PACE
QC-1 (e)	11/04/92	—	—	—	—	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	02/15/94	8.56	5.56	—	3.00	2000	—	430	270	28	390	127	(k)	—	—	4.0	PACE
QC-1 (e)	02/15/94	—	—	—	—	1800	—	290	160	14	250	--		—	—	—	PACE
MW-2	05/11/94	8.56	5.17	—	3.39	14000	—	3900	1200	440	1900	953	(k)	—	—	8.9	PACE
QC-1 (e)	05/11/94	—	—	—	—	15000	—	5600	1500	470	2000	740	(d)	—	—	—	PACE
MW-2	08/01/94	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	01/13/95	8.56	4.67	—	3.89	7900	—	2200	42	ND<5	770	—		—	—	6.8	ATI
MW-2	04/13/95	8.56	4.37	—	4.19	33000	—	8000	2500	1100	6600	—		—	—	7.5	ATI
QC-1 (e)	04/13/95	—	—	—	—	25000	—	6500	1500	110	5300	—		—	—	—	ATI
MW-2	07/11/95	8.56	4.51	—	4.05	19000	—	3300	99	7.5	4600	—		—	—	7.8	ATI
QC-1 (e)	07/11/95	—	—	—	—	28000	—	6800	1000	900	4900	—		—	—	—	ATI
MW-2	11/02/95	8.56	5.55	—	3.01	20000	—	3800	1200	570	2700	15000		—	—	7.3	ATI
QC-1 (e)	11/02/95	—	—	—	—	22000	—	4000	1200	600	2700	19000		—	—	—	ATI
MW-2	02/05/96	8.56	5.10	—	3.46	1200	—	320	220	26	187	99		—	—	2.2	SPL
QC-1 (e)	02/05/96	—	—	—	—	910	—	290	180	19	137	93		—	—	—	SPL
MW-2	04/24/96	8.56	4.95	—	3.61	ND<500	—	70	22	ND<10	61	ND<50		—	—	7.0	SPL
QC-1 (e)	04/24/96	—	—	—	—	ND<500	—	100	30	ND<10	71	ND<100		—	—	—	SPL
MW-2	07/15/96	8.56	5.40	—	3.16	—	—	—	—	—	—	—		—	—	—	—
MW-2	07/16/96	8.56	—	—	—	12000	—	3300	1400	250	2610	1400		—	—	7.8	SPL
MW-2	07/30/96	8.56	5.44	—	3.12	—	—	—	—	—	—	—		—	—	—	—
MW-2	11/04/96	8.56	7.06	—	1.50	—	—	—	—	—	—	—		—	—	—	—
MW-2	11/05/96	8.56	—	—	—	7200	—	1400	230	38	2110	1100		—	—	7.4	SPL
QC-1 (e)	11/05/96	—	—	—	—	9200	—	1300	170	ND<25	2240	1100		—	—	—	SPL
MW-2	05/17/97	8.56	5.77	—	2.79	570	—	42	ND<5.0	5.0	60	210		—	—	6.9	SPL
MW-2	08/11/97	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	01/29/98	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	06/22/98	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	06/23/99	8.56	5.30	—	3.26	—	—	—	—	—	—	—		—	—	—	—
MW-2	09/23/99	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	03/22/00	8.56	4.21	—	4.35	2500	—	780	17	44	270	2800		—	—	—	PACE
MW-2	05/26/00	8.56	4.66	—	3.90	—	—	—	—	—	—	—		—	—	—	—
MW-2	09/06/00	8.56	4.71	—	3.85	3700	—	1200	5.5	12	170	12000		—	—	—	PACE
MW-2	09/15/00	8.56	4.74	—	3.82	—	—	—	—	—	—	—		—	—	—	—

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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-2	12/11/00	8.56	4.79	—	3.77	—	—	—	—	—	—	—	—	—	—	—
MW-2 (h)	03/29/01	8.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2 (j)	06/27/01	8.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SEP 19 2001

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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-3	11/04/92	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	02/15/94	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	05/11/94	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	08/01/94	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	01/13/95	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	04/13/95	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	07/11/95	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	11/02/95	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	02/05/96	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	04/24/96	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	07/15/96	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	07/30/96	8.25	6.04	—	2.21	—	—	—	—	—	—	—		—	—	—	—
MW-3	11/04/96	8.25	7.84	—	0.41	—	—	—	—	—	—	—		—	—	—	—
MW-3	11/05/96	8.25	—	—	—	90	890	ND<0.5	ND<1.0	ND<1.0	ND<1.0	30		2000	ND	6.8	SPL
MW-3	05/17/97	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	08/11/97	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	01/29/98	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	06/22/98	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	03/09/99	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	06/23/99	8.25	6.60	—	1.65	—	—	—	—	—	—	—		—	—	—	—
MW-3	09/23/99	8.25	6.17	—	2.08	—	—	—	—	—	—	—		—	—	—	—
MW-3	12/28/99	8.25	6.00	—	2.25	—	—	—	—	—	—	—		—	—	—	—
MW-3	03/22/00	8.25	4.77	—	3.48	690	ND<58	4.2	3.1	0.81	2.7	2900		13000	—	—	PACE
MW-3	05/26/00	8.25	5.28	—	2.97	—	—	—	—	—	—	—		—	—	—	—
MW-3	09/15/00	8.25	5.58	—	2.67	—	—	—	—	—	—	—		—	—	—	—
MW-3	12/11/00	8.25	11.74	—	-3.49 (i)	—	—	—	—	—	—	—		—	—	—	—
MW-3	03/29/01	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	06/27/01	8.25	5.62	—	2.63	460	690	ND<2.5	ND<2.5	ND<2.5	ND<7.5	560		ND<5000	—	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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	11/04/92	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	02/15/94	8.12	6.61	—	1.51	110	—	4.4	0.7	ND<0.5	2.5	118	(d)(k)	—	—	4.3	PACE
MW-4	05/11/94	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	08/01/94	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	01/13/95	8.12	7.27	—	0.85	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	7.9	ATI
MW-4	04/13/95	8.12	6.51	—	1.61	73	—	1.2	ND<0.5	ND<0.5	ND<1	—		—	—	9.9	ATI
MW-4	07/11/95	8.12	6.21	—	1.91	82	—	0.57	ND<0.50	ND<0.50	ND<1.0	—		—	—	7.2	ATI
MW-4	11/02/95	8.12	6.78	—	1.34	71	—	1.4	0.96	0.99	2.8	140		—	—	8.6	ATI
MW-4	02/05/96	8.12	6.41	—	1.71	ND<50	—	ND<5	ND<10	ND<10	ND<10	200		—	—	4.4	SPL
MW-4	04/24/96	8.12	6.18	—	1.94	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	510		—	—	8.3	SPL
MW-4	07/15/96	8.12	6.63	—	1.49	ND<50	—	5.7	ND<1	ND<1	ND<1	550		—	—	7.4	SPL
MW-4	07/30/96	8.12	6.34	—	1.78	—	—	—	—	—	—	—		—	—	—	—
MW-4	11/04/96	8.12	8.27	—	-0.15	—	—	—	—	—	—	—		—	—	—	—
MW-4	11/05/96	8.12	—	—	—	460	—	ND<2.5	11	ND<5.0	ND<5.0	620/610	(f)	—	—	7.3	SPL
MW-4	05/17/97	8.12	7.00	—	1.12	—	—	—	—	—	—	—		—	—	—	—
MW-4	08/11/97	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	01/29/98	8.12	7.94	—	0.18	—	—	—	—	—	—	—		—	—	—	—
MW-4	06/22/98	8.12	7.49	—	0.63	—	—	—	—	—	—	—		—	—	—	—
MW-4	12/30/98	8.12	8.21	—	-0.09	—	—	—	—	—	—	—		—	—	—	—
MW-4	03/09/99	8.12	7.70	—	0.42	1200	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2000		—	—	—	SPL
MW-4	06/23/99	8.12	8.81	—	-0.69	—	—	—	—	—	—	—		—	—	—	—
MW-4	09/23/99	8.12	8.32	—	-0.20	—	—	—	—	—	—	—		—	—	—	—
MW-4	12/28/99	8.12	8.21	—	-0.09	—	—	—	—	—	—	—		—	—	—	—
MW-4	03/22/00	8.12	6.74	—	1.38	910	—	ND<0.5	ND<0.5	0.54	1.7	3800		—	—	—	PACE
MW-4	05/26/00	8.12	5.13	—	2.99	—	—	—	—	—	—	—		—	—	—	—
MW-4	09/15/00	8.12	8.20	—	-0.08	—	—	—	—	—	—	—		—	—	—	—
MW-4	12/11/00	8.12	8.31	—	-0.19	—	—	—	—	—	—	—		—	—	—	—
MW-4 (h)	03/29/01	8.12	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-4	06/27/01	8.12	7.57	—	0.55	2800	—	18.9	ND<2.5	ND<2.5	ND<7.5	4220		—	—	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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-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	02/15/94	7.69	5.74	—	1.95	5100	—	710	16	33	35	153	(d)(k)	—	—	4.0	PACE
MW-5	05/11/94	7.69	5.28	—	2.41	11000	—	1100	39	110	57	165	(d)(k)	—	—	8.0	PACE
MW-5	08/01/94	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	01/13/95	7.69	4.74	—	2.95	ND<500	—	290	6	ND<5	18	—		—	—	6.8	ATI
MW-5	04/13/95	7.69	5.50	—	2.19	9100	—	400	15	52	27	—		—	—	7.4	ATI
MW-5	07/11/95	7.69	5.75	—	1.94	7300	—	390	13	28	23	—		—	—	7.2	ATI
MW-5	11/03/95	7.69	6.65	—	1.04	7200	—	270	15	38	23	200		—	—	8.4	ATI
MW-5	02/05/96	7.69	4.83	—	2.86	4600	—	370	15	53	28	ND<50		—	—	1.9	SPL
MW-5	04/24/96	7.69	6.09	—	1.60	3000	—	180	ND<10	32	14	ND<100		—	—	8.1	SPL
MW-5	07/15/96	7.69	6.57	—	1.12	—	—	—	—	—	—	—		—	—	—	—
MW-5	07/16/96	7.69	—	—	—	ND<50	—	190	ND<10	31	16	ND<100		—	—	8.3	SPL
MW-5	07/30/96	7.69	5.61	—	2.08	—	—	—	—	—	—	—		—	—	—	—
MW-5	08/12/96	7.69	—	—	—	2000	—	150	12	25	18.2	ND<50		—	—	7.6	SPL
MW-5	11/04/96	7.69	8.25	—	-0.56	—	—	—	—	—	—	—		—	—	—	—
MW-5	11/05/96	7.69	—	—	—	5200	—	42	5.5	13	ND<5.0	1700		—	—	7.4	SPL
MW-5	05/17/97	7.69	6.95	—	0.74	80	—	0.56	ND<1.0	ND<1.0	ND<1.0	46		—	—	6.7	SPL
MW-5	08/11/97	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	01/29/98	7.69	7.88	—	-0.19	110000	—	2500	110	180	589	180000		—	—	6.8	SPL
MW-5	06/22/98	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	03/09/99	7.69	4.79	—	2.90	4600	—	8.8	5.5	12	11	24		—	—	—	SPL
MW-5	06/23/99	7.69	5.95	—	1.74	3400	—	1500	8.9	54	87	7500		—	—	—	SPL
MW-5	09/23/99	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)	03/22/00	7.69	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-5 (h)	05/26/00	7.69	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-5 (h)	09/06/00	7.69	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-5 (h)	09/15/00	7.69	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-5 (h)	12/11/00	7.69	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-5 (h)	03/29/01	7.69	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-5 (j)	06/27/01	7.69	—	—	—	—	—	—	—	—	—	—		—	—	—	—

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-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	02/15/94	8.52	6.31	—	2.21	68	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	38.1	(d)(k)	—	—	3.1	PACE
MW-6	05/11/94	8.52	6.15	—	2.37	68	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	46.5	(d)(k)	—	—	8.7	PACE
MW-6	08/01/94	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	10/18/94	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	01/13/95	8.52	5.95	—	2.57	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	7.6	ATI
MW-6	04/13/95	8.52	5.44	—	3.08	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	8.5	ATI
MW-6	07/11/95	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	11/02/95	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	02/05/96	8.52	6.27	—	2.25	ND<50	—	ND<5	ND<10	ND<10	ND<10	ND<100		—	—	2.2	SPL
MW-6	04/24/96	8.52	5.95	—	2.57	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	62		—	—	8.0	SPL
MW-6	07/15/96	8.52	6.39	—	2.13	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	ND<50		—	—	8.0	SPL
MW-6	07/30/96	8.52	6.44	—	2.08	—	—	—	—	—	—	—		—	—	—	—
MW-6	11/04/96	8.52	8.05	—	0.47	—	—	—	—	—	—	—		—	—	—	—
MW-6	11/05/96	8.52	—	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	7.3	SPL
MW-6	05/17/97	8.52	6.75	—	1.77	—	—	—	—	—	—	—		—	—	—	—
MW-6	08/11/97	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		—	—	7.7	SPL
MW-6	01/29/98	8.52	7.98	—	0.54	—	—	—	—	—	—	—		—	—	—	—
MW-6	06/22/98	8.52	7.68	—	0.84	—	—	—	—	—	—	—		—	—	—	—
MW-6	12/30/98	8.52	6.98	—	1.54	—	—	—	—	—	—	—		—	—	—	—
MW-6	03/09/99	8.52	5.90	—	2.62	—	—	—	—	—	—	—		—	—	—	—
MW-6	06/23/99	8.52	6.93	—	1.59	—	—	—	—	—	—	—		—	—	—	—
MW-6	09/23/99	8.52	6.45	—	2.07	—	—	—	—	—	—	—		—	—	—	—
MW-6	12/28/99	8.52	6.33	—	2.19	—	—	—	—	—	—	—		—	—	—	—
MW-6	03/22/00	8.52	5.15	—	3.37	—	—	—	—	—	—	—		—	—	—	—
MW-6	05/26/00	8.52	5.72	—	2.80	—	—	—	—	—	—	—		—	—	—	—
MW-6	09/15/00	8.52	6.02	—	2.50	—	—	—	—	—	—	—		—	—	—	—
MW-6	12/11/00	8.52	6.20	—	2.32	—	—	—	—	—	—	—		—	—	—	—
MW-6	03/29/01	8.52	5.34	—	3.18	750	—	ND<2.5	2.91	ND<2.5	11.8	820		—	—	—	PACE
MW-6	06/27/01	8.52	6.00	—	2.52	760	—	32.9	ND<2.5	ND<2.5	ND<7.5	968		—	—	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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-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	02/15/94	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	05/11/94	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	08/01/94	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	01/13/95	7.61	5.39	—	2.22	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	8.2	ATI
MW-7	04/13/95	7.61	5.17	—	2.44	63	—	ND<0.5	ND<0.5	ND<0.5	1.4	—		—	—	8.4	ATI
MW-7	07/11/95	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	11/02/95	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	02/05/96	7.61	5.69	—	1.92	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	40		—	—	1.9	SPL
MW-7	04/24/96	7.61	5.59	—	2.02	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	53		—	—	8.2	SPL
MW-7	07/15/96	7.61	6.07	—	1.54	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	ND<50		—	—	7.8	SPL
MW-7	07/30/96	7.61	6.04	—	1.57	—	—	—	—	—	—	—		—	—	—	—
MW-7	11/04/96	7.61	7.76	—	-0.15	—	—	—	—	—	—	—		—	—	—	—
MW-7	11/05/96	7.61	—	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	7.8	SPL
MW-7	05/17/97	7.61	6.42	—	1.19	—	—	—	—	—	—	—		—	—	—	—
MW-7	08/11/97	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	01/29/98	7.61	7.44	—	0.17	—	—	—	—	—	—	—		—	—	—	—
MW-7	06/22/98	7.61	7.39	—	0.22	—	—	—	—	—	—	—		—	—	—	—
MW-7	12/30/98	7.61	5.51	—	2.10	—	—	—	—	—	—	—		—	—	—	—
MW-7	03/09/99	7.61	5.57	—	2.04	—	—	—	—	—	—	—		—	—	—	—
MW-7	06/23/99	7.61	6.69	—	0.92	—	—	—	—	—	—	—		—	—	—	—
MW-7	09/23/99	7.61	6.23	—	1.38	—	—	—	—	—	—	—		—	—	—	—
MW-7	12/28/99	7.61	6.08	—	1.53	—	—	—	—	—	—	—		—	—	—	—
MW-7	03/22/00	7.61	4.88	—	2.73	—	—	—	—	—	—	—		—	—	—	—
MW-7	05/26/00	7.61	5.42	—	2.19	—	—	—	—	—	—	—		—	—	—	—
MW-7	09/15/00	7.61	5.79	—	1.82	—	—	—	—	—	—	—		—	—	—	—
MW-7	12/11/00	7.61	5.93	—	1.68	—	—	—	—	—	—	—		—	—	—	—
MW-7	03/29/01	7.61	5.24	—	2.37	600	—	ND<2.5	ND<2.5	ND<2.5	ND<7.5	636		—	—	—	PACE
MW-7	06/27/01	7.61	5.69	—	1.92	590	—	ND<2.5	ND<2.5	ND<2.5	ND<7.5	739		—	—	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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-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	02/15/94	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	05/11/94	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	08/01/94	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	01/13/95	8.60	4.96	—	3.64	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	6.9	ATI
MW-8	04/13/95	8.60	5.40	—	3.20	270	—	ND<0.5	ND<0.5	ND<0.5	4.4	—		—	—	8.4	ATI
MW-8	07/11/95	8.60	6.01	—	2.59	320	—	ND<0.50	ND<0.50	ND<0.50	3.5	—		—	—	8.0	ATI
MW-8	11/02/95	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	02/05/96	8.60	6.12	—	2.48	ND<50	—	ND<5	ND<10	ND<10	ND<10	ND<100		—	—	1.5	SPL
MW-8	04/24/96	8.60	6.23	—	2.37	ND<50	—	ND<5	ND<10	ND<10	ND<10	ND<100		—	—	8.7	SPL
MW-8	07/15/96	8.60	6.70	—	1.90	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	ND<50		—	—	8.4	SPL
MW-8	07/30/96	8.60	6.64	—	1.96	—	—	—	—	—	—	—		—	—	—	—
MW-8	11/04/96	8.60	8.36	—	0.24	—	—	—	—	—	—	—		—	—	—	—
MW-8	11/05/96	8.60	—	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	7.2	SPL
MW-8	05/17/97	8.60	7.03	—	1.57	—	—	—	—	—	—	—		—	—	—	—
MW-8	08/11/97	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	01/29/98	8.60	7.90	—	0.70	—	—	—	—	—	—	—		—	—	—	—
MW-8	06/22/98	8.60	7.72	—	0.88	—	—	—	—	—	—	—		—	—	—	—
MW-8 (h)	12/30/98	8.60	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-8 (h)	03/09/99	8.60	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-8	06/23/99	8.60	4.70	—	3.90	—	—	—	—	—	—	—		—	—	—	—
MW-8	09/23/99	8.60	4.22	—	4.38	—	—	—	—	—	—	—		—	—	—	—
MW-8	12/28/99	8.60	4.12	—	4.48	—	—	—	—	—	—	—		—	—	—	—
MW-8	03/22/00	8.60	4.71	—	3.89	—	—	—	—	—	—	—		—	—	—	—
MW-8	05/26/00	8.60	4.98	—	3.62	—	—	—	—	—	—	—		—	—	—	—
MW-8	09/15/00	8.60	4.62	—	3.98	—	—	—	—	—	—	—		—	—	—	—
MW-8	12/11/00	8.60	4.77	—	3.83	—	—	—	—	—	—	—		—	—	—	—
MW-8 (h)	03/29/01	8.60	—	—	—	—	—	—	—	—	—	—		—	—	—	—
MW-8	06/27/01	8.60	5.11	—	3.49	570	—	ND<2.5	ND<2.5	2.58	ND<7.5	3.43		—	—	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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-9	10/12/93	8.08	5.66	0.08	2.48	—	—	—	—	—	—	—	—	—	—	—
MW-9	02/15/94	8.08	5.32	0.05	2.80	—	—	—	—	—	—	—	—	—	—	—
MW-9	05/11/94	8.08	5.57	—	2.51	—	—	—	—	—	—	—	—	—	—	—
MW-9	08/01/94	8.08	6.25	—	1.83	—	—	—	—	—	—	—	—	—	—	—
MW-9	10/18/94	8.08	5.59	0.13	2.59	—	—	—	—	—	—	—	—	—	—	—
MW-9	01/13/95	8.08	4.42	0.14	3.77	—	—	—	—	—	—	—	—	—	—	—
MW-9	04/13/95	8.08	4.06	0.11	4.10	—	—	—	—	—	—	—	—	—	—	—
MW-9	07/11/95	8.08	4.21	0.08	3.93	—	—	—	—	—	—	—	—	—	—	—
MW-9	11/02/95	8.08	5.22	0.05	2.90	—	—	—	—	—	—	—	—	—	—	—
MW-9	02/05/96	8.08	4.76	0.01	3.33	—	—	—	—	—	—	—	—	—	—	—
MW-9	04/24/96	8.08	4.62	0.09	3.53	—	—	—	—	—	—	—	—	—	—	—
MW-9	07/15/96	8.08	5.11	0.04	3.00	—	—	—	—	—	—	—	—	—	—	—
MW-9	07/30/96	8.08	5.15	—	2.93	—	—	—	—	—	—	—	—	—	—	—
MW-9	11/04/96	8.08	6.75	0.01	1.34	—	—	—	—	—	—	—	—	—	—	—
MW-9	05/17/97	8.08	5.42	—	2.66	97000	—	16000	7700	2300	18400	40000	—	—	7.0	SPL
QC-1 (e)	05/17/97	—	—	—	—	97000	—	16000	8200	2300	17300	39000	—	—	—	SPL
MW-9	08/11/97	8.08	5.37	—	2.71	71000	—	12000	340	2100	4300	26000	—	—	9.1	SPL
QC-1 (e)	08/11/97	—	—	—	—	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	3500	19300	35000	—	—	—	SPL
MW-9	01/29/98	8.08	4.07	Sheen	4.01	250000	—	20000	21000	3100	18500	110000	—	—	6.6	SPL
QC-1 (e)	01/29/98	—	—	—	—	250000	—	20000	20000	3100	18400	110000	—	—	—	SPL
MW-9	06/22/98	8.08	4.28	—	3.80	280000	—	21000	18000	3800	21200	110000	—	—	5.8	SPL
QC-1 (e)	06/22/98	—	—	—	—	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	03/09/99	8.08	3.95	—	4.13	82000	—	6800	570	1400	4700	100000	—	—	—	SPL
MW-9	06/23/99	8.08	5.12	—	2.96	41000	—	11000	820	2300	5200	92000	—	—	—	SPL
MW-9	09/23/99	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	03/22/00	8.08	3.90	—	4.18	86000	—	18000	1800	2300	6800	120000	—	—	—	PACE
MW-9	05/26/00	8.08	4.15	—	3.93	82000	—	17000	680	1800	3800	100000	—	—	—	PACE
MW-9	09/06/00	8.08	4.47	—	3.61	100000	—	19000	280	2400	6400	84000	—	—	—	PACE
MW-9	09/15/00	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)	03/29/01	8.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (m)	06/26/01	8.08	5.03	0.13	3.15 (l)	—	—	—	—	—	—	—	—	—	—	—

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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
QC-2 (g)	11/05/92	—	—	—	—	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)	02/15/94	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2 (g)	05/11/94	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	PACE
QC-2 (g)	08/01/94	—	—	—	—	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)	01/13/95	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	—	—	ATI
QC-2 (g)	04/13/95	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	—	—	ATI
QC-2 (g)	07/11/95	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	—	ATI
QC-2 (g)	11/02/95	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	—	—	—	ATI
QC-2 (g)	02/05/96	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL
QC-2 (g)	04/24/96	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL
QC-2 (g)	07/16/96	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	—	—	SPL

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

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.

Analytical Appendix

Pace Analytical™
www.pacelabs.com

Pace Analytical Services, Inc.
900 Gemini Avenue
Houston, TX 77058
Phone: 281.488.1810
Fax: 281.488.4661

July 13, 2001

Ms. Cindy Magyar
Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112

RE: Lab Project Number: 8522128
Client Project ID: BP Site# 11126

Dear Ms. Magyar:

Enclosed are the analytical results for sample(s) received by the laboratory on June 29, 2001. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paula Kirtley
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112

Lab Project Number: 8522128
Client Project ID: BP Site# 11126

Attn: Ms. Cindy Magyar
Phone:

Lab Sample No: 851700014 Project Sample Number: 8522128-001 Date Collected: 06/27/01 10:10
Client Sample ID: 11126-A Matrix: Water Date Received: 06/29/01 09:34

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	570	ug/l	250	5.0	06/29/01 20:18	LJAS			
1,4-Difluorobenzene (S)	93	%		1.0	06/29/01 20:18	LJAS			
4-Bromofluorobenzene (S)	90	%		1.0	06/29/01 20:18	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	ND	ug/l	2.50	5.0	06/29/01 20:18	LJAS	71-43-2		
Ethylbenzene	2.58	ug/l	2.50	5.0	06/29/01 20:18	LJAS	100-41-4		
Toluene	ND	ug/l	2.50	5.0	06/29/01 20:18	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	7.50	5.0	06/29/01 20:18	LJAS	1330-20-7		
Methyl-tert-butyl ether	3.43	ug/l	2.50	5.0	06/29/01 20:18	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	102	%		1.0	06/29/01 20:18	LJAS			
4-Bromofluorobenzene (S)	100	%		1.0	06/29/01 20:18	LJAS	460-00-4		

Comments : The sample was diluted to reduce matrix interference, resulting in elevated reporting limits.

Date: 07/13/01

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
900 Gemini Avenue
Houston, TX 77058
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Fax: 281.488.4661

Lab Project Number: 8522128
Client Project ID: BP Site# 11126

Lab Sample No: 851700015 Project Sample Number: 8522128-002 Date Collected: 06/27/01 10:25
Client Sample ID: 11126-B Matrix: Water Date Received: 06/29/01 09:34

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015 Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	590	ug/l	250	5.0	06/29/01 20:38	LJAS			
1,4-Difluorobenzene (S)	92	%		1.0	06/29/01 20:38	LJAS			
4-Bromofluorobenzene (S)	89	%		1.0	06/29/01 20:38	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	ND	ug/l	2.50	5.0	06/29/01 20:38	LJAS	71-43-2		
Ethylbenzene	ND	ug/l	2.50	5.0	06/29/01 20:38	LJAS	100-41-4		
Toluene	ND	ug/l	2.50	5.0	06/29/01 20:38	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	7.50	5.0	06/29/01 20:38	LJAS	1330-20-7		
Methyl-tert-butyl ether	739.	ug/l	2.50	5.0	06/29/01 20:38	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	101	%		1.0	06/29/01 20:38	LJAS			
4-Bromofluorobenzene (S)	99	%		1.0	06/29/01 20:38	LJAS	460-00-4		

Comments : The sample was diluted to reduce matrix interference, resulting in elevated reporting limits.

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Lab Project Number: 8522128
Client Project ID: BP Site# 11126

Lab Sample No: 851700016 Project Sample Number: 8522128-003 Date Collected: 06/27/01 10:40
Client Sample ID: 11126-C Matrix: Water Date Received: 06/29/01 09:34

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Semivolatiles									
Diesel Components in Water		Method: TPH by EPA 8015M							
DRO C10-C28	690	ug/l	50.	1.0	07/13/01 10:04	SYIN			
Date Extracted					07/03/01				
Organics Prep									
Total Recoverable Oil & Grease		Method: EPA 413.1			Prep Method: EPA 413.1				
Oil and Grease	ND	mg/l	5.00	1.0	07/10/01 11:00	JDEA			
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	460	ug/l	250	5.0	06/29/01 20:59	LJAS			
1,4-Difluorobenzene (S)	92	%		1.0	06/29/01 20:59	LJAS			
4-Bromofluorobenzene (S)	90	%		1.0	06/29/01 20:59	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	ND	ug/l	2.50	5.0	06/29/01 20:59	LJAS	71-43-2		
Ethylbenzene	ND	ug/l	2.50	5.0	06/29/01 20:59	LJAS	100-41-4		
Toluene	ND	ug/l	2.50	5.0	06/29/01 20:59	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	7.50	5.0	06/29/01 20:59	LJAS	1330-20-7		
Methyl-tert-butyl ether	560.	ug/l	2.50	5.0	06/29/01 20:59	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	101	%		1.0	06/29/01 20:59	LJAS			
4-Bromofluorobenzene (S)	99	%		1.0	06/29/01 20:59	LJAS	460-00-4		

Comments : The sample was diluted to reduce matrix interference, resulting in elevated reporting limits.
Surrogate n-Triacontane recovery is 96 %. (GCSV-DRO)

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Lab Project Number: 8522128
Client Project ID: BP Site# 11126

Lab Sample No: 851700017 Project Sample Number: 8522128-004 Date Collected: 06/27/01 10:59
Client Sample ID: 11126-D Matrix: Water Date Received: 06/29/01 09:34

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	760	ug/l	250	5.0	06/29/01 21:19	LJAS			
1,4-Difluorobenzene (S)	92	%		1.0	06/29/01 21:19	LJAS			
4-Bromofluorobenzene (S)	88	%		1.0	06/29/01 21:19	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	32.9	ug/l	2.50	5.0	06/29/01 21:19	LJAS	71-43-2		
Ethylbenzene	ND	ug/l	2.50	5.0	06/29/01 21:19	LJAS	100-41-4		
Toluene	ND	ug/l	2.50	5.0	06/29/01 21:19	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	7.50	5.0	06/29/01 21:19	LJAS	1330-20-7		
Methyl-tert-butyl ether	968.	ug/l	2.50	5.0	06/29/01 21:19	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	101	%		1.0	06/29/01 21:19	LJAS			
4-Bromofluorobenzene (S)	99	%		1.0	06/29/01 21:19	LJAS	460-00-4		

Comments : The sample was diluted to reduce matrix interference, resulting in elevated reporting limits.

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Houston, TX 77058
Phone: 281.488.1810
Fax: 281.488.4661

Lab Project Number: 8522128
Client Project ID: BP Site# 11126

Lab Sample No: 851700018 Project Sample Number: 8522128-005 Date Collected: 06/27/01 11:17
Client Sample ID: 11126-E Matrix: Water Date Received: 06/29/01 09:34

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	2800	ug/l	250	5.0	06/29/01 21:39	LJAS			
1,4-Difluorobenzene (S)	92	%		1.0	06/29/01 21:39	LJAS			
4-Bromofluorobenzene (S)	89	%		1.0	06/29/01 21:39	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	18.9	ug/l	2.50	5.0	06/29/01 21:39	LJAS	71-43-2		
Ethylbenzene	ND	ug/l	2.50	5.0	06/29/01 21:39	LJAS	100-41-4		
Toluene	ND	ug/l	2.50	5.0	06/29/01 21:39	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	7.50	5.0	06/29/01 21:39	LJAS	1330-20-7		
Methyl-tert-butyl ether	4220	ug/l	12.5	25.0	06/29/01 21:39	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	101	%		1.0	06/29/01 21:39	LJAS			
4-Bromofluorobenzene (S)	99	%		1.0	06/29/01 21:39	LJAS	460-00-4		

Comments : The sample was diluted to reduce matrix interference, resulting in elevated reporting limits.

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Lab Project Number: 8522128
Client Project ID: BP Site# 11126

Lab Sample No: 851700019 Project Sample Number: 8522128-006 Date Collected: 06/27/01 11:50
Client Sample ID: 11126-G Matrix: Water Date Received: 06/29/01 09:34

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	6100	ug/l	250	5.0	06/29/01 22:39	LJAS			
1,4-Difluorobenzene (S)	115	%		1.0	06/29/01 22:39	LJAS			
4-Bromofluorobenzene (S)	90	%		1.0	06/29/01 22:39	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	1200	ug/l	2.50	5.0	06/29/01 22:39	LJAS	71-43-2		
Ethylbenzene	17.3	ug/l	2.50	5.0	06/29/01 22:39	LJAS	100-41-4		
Toluene	12.9	ug/l	2.50	5.0	06/29/01 22:39	LJAS	108-88-3		
Xylene (Total)	77.9	ug/l	7.50	5.0	06/29/01 22:39	LJAS	1330-20-7		
Methyl-tert-butyl ether	1780	ug/l	2.50	5.0	06/29/01 22:39	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	113	%		1.0	06/29/01 22:39	LJAS			
4-Bromofluorobenzene (S)	97	%		1.0	06/29/01 22:39	LJAS	460-00-4		

Comments : The sample was diluted to reduce matrix interference, resulting in elevated reporting limits.

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Lab Project Number: 8522128
Client Project ID: BP Site# 11126

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate

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QUALITY CONTROL DATA

Lab Project Number: 8522128
Client Project ID: BP Site# 11126

QC Batch: 55118
Analysis Method: TPH by EPA 8015M
Associated Lab Samples: 851700016

QC Batch Method:
Analysis Description: Diesel Components in Water

METHOD BLANK: 851700792
Associated Lab Samples:
851700016

Parameter	Units	Method Blank Result	PRL	Footnotes
DRO C10-C28	mg/l	ND	0.05	

Comments : Surrogate n-Triacontane recovery is 75 %. (GCSV-DRO)

LABORATORY CONTROL SAMPLE & LCSD: 851700793 851700794

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
DRO C10-C28	mg/l	0.5000	0.4484	90	0.4858	97	8	

Comments : Surrogate n-Triacontane recovery is 68 %. (GCSV-DRO)

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QUALITY CONTROL DATA

Lab Project Number: 8522128
Client Project ID: BP Site# 11126

QC Batch: 54862
QC Batch Method: See analytical meth
Analysis Method: EPA 8021
Analysis Description: SW8021 Aromatics, Water
Associated Lab Samples: 851700014 851700015 851700016 851700017 851700018 851700019

METHOD BLANK: 851700007
Associated Lab Samples: 851700014 851700015 851700016 851700017 851700018 851700019

Parameter	Units	Method Blank Result	PRL	Footnotes
Benzene	ug/l	ND	0.5	
Ethylbenzene	ug/l	ND	0.5	
Toluene	ug/l	ND	0.5	
Xylene (Total)	ug/l	ND	1.5	
Methyl-tert-butyl ether	ug/l	ND	0.5	
1,4-Difluorobenzene (S)	%	101		
4-Bromofluorobenzene (S)	%	97		

LABORATORY CONTROL SAMPLE & LCSD: 851700008 851700009

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Benzene	ug/l	50	55.88	112	55.57	111	1	
Ethylbenzene	ug/l	50	56.18	112	56.22	112	0	
Toluene	ug/l	50	54.86	110	54.98	110	0	
Xylene (Total)	ug/l	100	111.3	111	110.8	111	0	
Methyl-tert-butyl ether	ug/l	50	51.21	102	50.58	101	1	
1,4-Difluorobenzene (S)				102		101		
4-Bromofluorobenzene (S)				98		98		

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QUALITY CONTROL DATA

Lab Project Number: 8522128
Client Project ID: BP Site# 11126

QC Batch: 54863
QC Batch Method: EPA 8015 Modified
Analysis Method: EPA 8015 Modified
Analysis Description: GAS by Mod 8015, Water
Associated Lab Samples: 851700014 851700015 851700016 851700017 851700018 851700019

METHOD BLANK: 851700010
Associated Lab Samples: 851700014 851700015 851700016 851700017 851700018 851700019

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Organics	ug/l	ND	50	
1,4-Difluorobenzene (S)	%	90		
4-Bromofluorobenzene (S)	%	86		

LABORATORY CONTROL SAMPLE & LCSD: 851700011 851700012

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Organics	ug/l	1000	992.9	99	994.7	100	0	
1,4-Difluorobenzene (S)				113		113		
4-Bromofluorobenzene (S)				87		87		

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QUALITY CONTROL DATA

Lab Project Number: 8522128
Client Project ID: BP Site# 11126

QC Batch: 55290
Analysis Method: EPA 413.1
Associated Lab Samples: 851700016

QC Batch Method: EPA 413.1
Analysis Description: Total Recoverable Oil & Grease

METHOD BLANK: 851701406
Associated Lab Samples: 851700016

Parameter	Units	Method Blank Result	PRL	Footnotes
Oil and Grease	mg/l	ND	5	

LABORATORY CONTROL SAMPLE & LCSD: 851701407 851701408

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Oil and Grease	mg/l	50	49.10	98	49.20	98	0	

Date: 07/13/01

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Lab Project Number: 8522128
Client Project ID: BP Site# 11126

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

BP

CHAIN OF CUSTODY

Page 1 of 1

CONSULTANT'S NAME	CONSULTANT'S ADDRESS		
Blaine Tech Services, Inc.	1680 Rogers Ave., San Jose CA 95112		
BP SITE NUMBER	BP SITE / FACILITY ADDRESS		CONSULTANT PROJECT NUMBER
11126	1700 Powell St., Emeryville		010627-Z1
CONSULTANT PROJECT MANAGER	PHONE NUMBER	FAX NUMBER	CONSULTANT CONTRACT NUMBER
cott Boor	(408) 573-0555 x 223	(408) 573-7771	J587936
BP CONTACT	BP ADDRESS	PHONE NUMBER	FAX NO.
Scott Hooton	295 SW 41st Street, Suite N, Renton WA	(425) 251-0689	(425) 251-0736
LAB CONTACT	LABORATORY ADDRESS	PHONE NUMBER	FAX NO.
Pace - Paula Kirtley	900 Gemini Ave., Houston, TX 77058	(281) 488-1810	(281) 488-4661
BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name)	RUSH REQUESTED OF (Print Consultant Contact Name)	DATE/TIME	SHIPMENT DATE / SHIPMENT METHOD

TAT: ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☑ Standard 7 or 14 Days

ANALYSIS REQUIRED

AIRBILL NUMBER

SAMPLE DESCRIPTION	COLLECTION DATE	COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS NO.	CONTAINERS TYPE (VOL)	PRESERVATIVE LAB SAMPLE #	TPH-G + BTEX / MTBE (8015M) (8020)	TPH-D (8015M) + TOG	FUEL OXYGENATES (8260)	1,2 DCA + EDB (8010)	COMMENTS
A -	6/27/01	1010	W	3	VOA		X				
B -		1025		3	VOA		X				
C -		1040		7	mixed		X	X			
D -		1059		3	VOA		X				
E -		1117		3	VOA		X				
G -		1150		3	VOA		X				

SAMPLED BY (Please Print Name): Aidan Metzger

SAMPLED BY (Signature): Aidan Metzger

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
Aidan Metzger / Aidan Metzger	6/28/01	1440	ARBORNE EXPRESS	6/28/01	1440
			Jana McKinney	6/29/01	9:34

Field
Data
Sheets

MTBE Data Request

BP Project No: **11126** *1700 Powell Street, Emeryville*

sample date	sample source	field ID#	Lab ID #	analysis date
10/12/1993	mw1	mw1	700172608	10/21/1993
10/12/1993	mw2	mw2	700172616	10/21/1993
10/12/1993	mw3	mw3	700172632	10/20/1993
10/12/1993	mw4	mw4	700172624	10/20/1993
10/12/1993	mw5	mw5	700173655	10/21/1993
10/12/1993	mw6	mw6	700172578	10/19/1993
10/12/1993	mw7	mw7	700172586	10/19/1993
10/12/1993	mw8	mw8	700172594	10/20/1993
10/18/1994	mw1	s8	700427398	10/25/1994
10/18/1994	mw2	s6	700427371	10/25/1994
10/18/1994	mw3	s3	700427347	10/21/1994
10/18/1994	mw4	s4	700427355	10/24/1994
10/18/1994	mw5	s7	700427380	10/25/1994
10/18/1994	mw6	s2	700427339	10/21/1994
10/18/1994	mw7	s1	700427320	10/21/1994
10/18/1994	mw8	s5	700427363	10/24/1994

This data has been added 1st Qt.
- correct foot note
3. add footnote to destroyed sampling dates.
Done [illegible] 7/20
for 2 Qt 2001

MTBE Data Request

BP Project No: **11126** *1700 Powell Street*

sample date	sample source	field ID#	Lab ID #	analysis date
11/4/1992	mw1		700245800	11/11/1992
11/4/1992	mw2		700245818	11/11/1992
11/4/1992	mw3		700245826	11/11/1992
11/4/1992	mw4		700245834	11/11/1992
2/15/1994	mw1		700247330	2/19/1994
2/15/1994	mw2		700247349	2/19/1994
2/15/1994	mw3		700247357	2/21/1994
2/15/1994	mw4		700247322	2/19/1994
2/15/1994	mw5		700247306	2/21/1994
2/15/1994	mw6		700247314	2/19/1994
2/15/1994	mw7		700247292	2/19/1994
2/15/1994	mw8		700247284	2/19/1994
5/11/1994	mw1		700319056	5/17/1994
5/11/1994	mw2		700320348	5/16/1994
5/11/1994	mw3		700320356	5/19/1994
5/11/1994	mw4		700320364	5/16/1994
5/11/1994	mw5		700320372	5/16/1994
5/11/1994	mw6		700320380	5/16/1994
5/11/1994	mw7		700320399	5/16/1994
5/11/1994	mw8		700320402	5/16/1994
8/1/1994	mw1	s8	700364981	8/8/1994
8/1/1994	mw2	s7	700364973	8/8/1994
8/1/1994	mw3	s4	700364949	8/8/1994
8/1/1994	mw4	s5	700364957	8/8/1994
8/1/1994	mw5	s1	700364914	8/8/1994
8/1/1994	mw6	s3	700364930	8/8/1994
8/1/1994	mw7	s2	700364922	8/8/1994
8/1/1994	mw8	s6	700364965	8/8/1994

Sequoia Analytical

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Scott Hooton
BP Oil
295 SW 41st St.
Renton, WA 98055

5-Apr-01

EPA 8020 Chromatogram Review

Site - 11126

Pace Sample #	Matrix / Units	Sample ID	Date Sampled	Date Run	Inst.	MTBE
70 0172578	Water / ug/L	MW-6	10/12/93	10/19/93	70-Q-6	44.4
70 0172586	Water / ug/L	MW-7	10/12/93	10/19/93	70-Q-6	<5.0
70 0172594	Water / ug/L	MW8	10/12/93	10/20/93	70-Q-6	11.1
70 0172608	Water / ug/L	MW-1	10/12/93	10/21/93	70-Q-6	6111
70 0172616	Water / ug/L	MW-2	10/12/93	10/21/93	70-Q-6	442
70 0172624	Water / ug/L	MW-4	10/12/93	10/20/93	70-Q-6	261
70 0172632	Water / ug/L	MW-3	10/12/93	10/20/93	70-Q-6	96.3
70 0172655	Water / ug/L	MW-5	10/12/93	10/21/93	*	*
70 0427320	Water / ug/L	S1	10/18/94	10/21/94	70-Q-1	51.7
70 0427339	Water / ug/L	S2	10/18/94	10/21/94	70-Q-1	84.6
70 0427347	Water / ug/L	S3	10/18/94	10/21/94	70-Q-1	21
70 0427355	Water / ug/L	S4	10/18/94	10/24/94	70-Q-1	197
70 0427363	Water / ug/L	S5	10/18/94	10/24/94	70-Q-1	<5.0
70 0427371	Water / ug/L	S6	10/18/94	10/25/94	70-Q-1	2417 **
70 0427380	Water / ug/L	S7	10/18/94	10/25/94	70-Q-1	559
70 0427398	Water / ug/L	S8	10/18/94	10/25/94	70-Q-1	15668 **

* No chromatograms could be located for these samples.

** The results for these samples was above the calibration range.

For all samples above, the MTBE results were quantitated against an actual MTBE standard. However, the results should still be considered estimated because the instrument may not have been calibrated for MTBE at the time of analysis and the identification of MTBE was not confirmed.

SEQUOIA ANALYTICAL

Peggy Penner
Laboratory Director

Sequoia Analytical

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Scott Hooton
BP Oil
295 SW 41st St.
Renton, WA 98055

24-Apr-01

EPA 8020 Chromatogram Review

Site - 11126

Pace Sample #	Matrix / Units	Sample ID	Date Sampled	Date Run	Inst.	MTBE
70 0247284	Water / ug/L	MW8	2/15/94	2/19/94	70-Q-5	<5.0
70 0247292	Water / ug/L	MW7	2/15/94	2/19/94	70-Q-5	<5.0
70 0247306	Water / ug/L	MW5	2/15/94	2/21/94	70-Q-5	153
70 0247314	Water / ug/L	MW6	2/15/94	2/19/94	70-Q-5	38.1 *
70 0247322	Water / ug/L	MW4	2/15/94	2/19/94	70-Q-5	118
70 0247330	Water / ug/L	MW1	2/15/94	2/19/94	70-Q-1Lease	5495
70 0247349	Water / ug/L	MW2	2/15/94	2/19/94	70-Q-1Lease	127
70 0247357	Water / ug/L	MW3	2/15/94	2/21/94	70-Q-1Lease	30.1
70 0319056	Water / ug/L	MW1	5/11/94	5/17/94	70-Q-5	705
70 0320348	Water / ug/L	MW2	5/11/94	5/16/94	70-Q-8	953
70 0320356	Water / ug/L	MW3	5/11/94	5/19/94	70-Q-8	51
70 0320364	Water / ug/L	MW4	5/11/94	5/16/94	70-Q-8	137
70 0320372	Water / ug/L	MW5	5/11/94	5/16/94	70-Q-8	165
70 0320380	Water / ug/L	MW6	5/11/94	5/16/94	70-Q-8	48.5
70 0320399	Water / ug/L	MW7	5/11/94	5/16/94	70-Q-8	11.5
70 0320402	Water / ug/L	MW8	5/11/94	5/16/94	70-Q-8	<5.0
70 0364914	Water / ug/L	MW5	8/1/94	8/8/94	70-Q-8	196
70 0364922	Water / ug/L	MW7	8/1/94	8/8/94	70-Q-8	182
70 0364930	Water / ug/L	MW6	8/1/94	8/8/94	70-Q-8	59.6
70 0364949	Water / ug/L	MW3	8/1/94	8/8/94	70-Q-8	17.6
70 0364957	Water / ug/L	MW4	8/1/94	8/8/94	70-Q-8	138
70 0364965	Water / ug/L	MW8	8/1/94	8/8/94	70-Q-8	<5.0
70 0364973	Water / ug/L	MW2	8/1/94	8/8/94	70-Q-8	1676
70 0364981	Water / ug/L	MW1	8/1/94	8/8/94	70-Q-1	9718 **

The chromatograms for the following sampling dates has been distroyed:
November 4, 1992

* The reuslt reported for this sample is below the calibration limit.

** The result for this samples was above the calibration range

For all samples above, the MTBE results were quantitated against an actual MTBE standard. However, the results should still be considered estimated because the instrument may not have been calibrated for MTBE at the time of analysis and the identification of MTBE was not confirmed.

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SEQUOIA ANALYTICAL

Peggy Penner
Laboratory Director

WELL GAUGING DATA

Project # 010627-Z1 Date 6/27/01 Client BP

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					5.49	11.31	TOC	
MW-2	Paved over from construction —								
MW-3	2					5.62	11.88		
MW-4	2					7.57	10.92		
MW-5	Paved over in street					—	—		
MW-6	2					6.00	13.44		
MW-7	2					5.69	13.94		
MW-8	2					5.11	13.79		
* MW-9	4		≈4.90	≈0.13	—	≈5.03	13.80	↓	
→ MW-9 contained a sticky SPH that was difficult to gauge because it stuck to instruments. NO SPH drum onsite, so no SPH bailed									

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station # 1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 11.31	Depth to Water: 5.49
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: X Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ____

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

0.9 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 2.7 (Calculated Volume) Gals

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1144	70.7	6.9	2099	0.9	
1145	69.7	6.8	2091	1.8	
1147	69.6	6.8	2133	2.7	

Did well dewater? Yes (No) Gallons actually evacuated: 2.7

Sampling Time: 1150 Sampling Date: 6/27/01

Sample I.D. (Blind): G Laboratory: (Pace) Other ____

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

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

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station #1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water:
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: _____

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
Paved over from construction - no trace of well					

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D. (Blind):		Laboratory: Pace	Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:		
D.O. (if req'd):	Pre-purge: ____ mg/L	Post-purge:	____ mg/L
O.R.P. (if req'd):	Pre-purge: ____ mV	Post-purge:	____ mV

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station # 1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 11.88	Depth to Water: 5.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1034	69.5	7.0	3897	1.0	
1035	68.9	7.0	4002	2.0	
1036	68.6	7.0	3654	3.0	

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

Sampling Time: 1040 Sampling Date: 6/27/01

Sample I.D. (Blind): C Laboratory: (Pace) 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

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station # 1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 10.92	Depth to Water: 7.57
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: X Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1111	68.3	7.2	3848	0.5	
1112	68.1	7.2	3979	1.0	
1114	67.5	7.2	3794	1.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 1.5		
Sampling Time: 1117		Sampling Date: 6/27/01		
Sample I.D. (Blind): E		Laboratory: (Pace) Other ___		
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station # 1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-5	Well Diameter: ~~2~~ 3 4 6 8 ____
Total Well Depth:	Depth to Water:
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 / ~~X~~ Disposable Bailer / Extraction Port / Other: ____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
Paved over in street					

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 6/27/01	
Sample I.D. (Blind):		Laboratory: (Pace)	Other ____
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (~~if~~ req'd):	Pre-purge:	mV	Post-purge: mV

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station # 1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.44	Depth to Water: 6.00
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: (X) Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1053	72.7	7.0	3186	1.1	
1055	71.8	7.1	3204	2.2	
1056	71.9	7.1	3199	3.3	

Did well dewater? Yes (No)		Gallons actually evacuated: 3.3	
Sampling Time: 1059		Sampling Date: 6/27/01	
Sample I.D. (Blind): D		Laboratory: (Pace) Other ___	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station # 1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.94	Depth to Water: 5.69
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: X Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ____

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1018	74.3	6.9	2390	1.3	
1020	73.7	6.9	2462	2.6	
1022	73.2	6.9	2480	3.9	

Did well dewater? Yes (No)	Gallons actually evacuated: 3.9		
Sampling Time: 1025	Sampling Date: 6/27/01		
Sample I.D. (Blind): B	Laboratory: (Pace) Other____		
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station # 1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.79	Depth to Water: 5.11
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: X Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1002	72.6	6.8	2171	1.3	
1004	71.9	6.9	2280	2.6	
1006	71.7	6.9	2264	3.9	

Did well dewater? Yes (No)		Gallons actually evacuated: 3.9		
Sampling Time: 1010		Sampling Date: 6/27/01		
Sample I.D. (Blind): A		Laboratory: (Pace)	Other ___	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

BP WELL MONITORING DATA SHEET

Project #: 010627-Z1	Station # 1126
Sampler: Aidan	Date: 6/27/01
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 13.80	Depth to Water: 5.03 (about)
Depth to Free Product: 4.90 (about)	Thickness of Free Product (feet): 0.13 (estimate)
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
- X Electric Submersible
- Extraction Pump
- Other: _____

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
Very sticky SPH substance in well. Sticks to					
instruments — difficult to measure. No SPH					
drum onsite, no SPH bailed, no purge or					
sample.					

Did well ~~dewater~~? Yes No — Gallons actually evacuated:

Sampling Time: [redacted] — Sampling Date: 6/27/01

Sample I.D. (Blind): [redacted] — Laboratory: (Pace) Other _____

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

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