CAMBRIA

FEB 13 2002

February 7, 2002

Scott Seery
Alameda County Health Care Service Agency
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

Re: **Fourth Quarter 2001 Groundwater Monitoring Report**
BP Oil Site No. 11117
7210 Bancroft Avenue
Oakland, California
Cambria Project No. 852-1546

Dear Mr. Seery:

On behalf of BP Oil Company, Cambria Environmental Technology, Inc. has prepared this *Fourth Quarter 2001 Groundwater Monitoring Report* for the above referenced site. This report summarizes chemical data collected since 1992 including analytical results associated with samples recently collected on December 27, 2001.

Water level and analytical results for this monitoring event are summarized in Figure 1 and on Table 1 of Appendix A. Based on the contoured elevations, water generally flowed toward the northeast. During this monitoring event, only well MW-2 reported more than 10,000 micrograms per liter (µg/L) of benzene, with a concentration of 17,500 µg/L. Wells MW-2 and MW-4 reported more that 10,000 µg/L of methyl tert butyl ether (MTBE) with the maximum of 32,300 µg/L in well MW-4.

Benzene and MTBE concentration trends and water level trends in well MW-4 are in Figure 2. Analytical results below method reporting limits are plotted at one half the detection limit (open symbol).

Oakland, CA
San Ramon, CA
Sonoma, CA

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

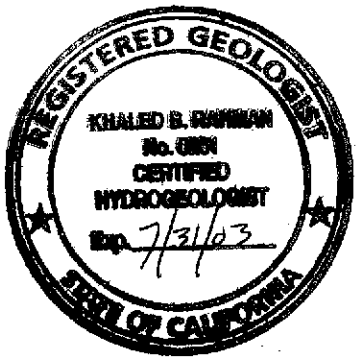
CAMBRIA

We appreciate the opportunity to work with you on this project. If you have any questions or comments, please don't hesitate to call me at (510) 450-1985.

Sincerely,
Cambria Environmental Technology, Inc.

Khaled Rahman

Khaled Rahman, R.G., C.H.G.
Associate Geologist



Attachments

Figure 1 – Groundwater Elevation Contour Map
Figure 2 – Concentration and Water Level Trends – Well MW-4

Appendix A – Blaine Tech Services, Inc., 4th Quarter 2001 Monitoring at 11117

cc: Scott Hooton, BP Oil Company, Environmental Resources Management, 295 SW 41st Street, Building 13, Suite N, Renton, Washington 98055-4931 (1 original)
David Camille, Tosco Marketing Company, 2000 Crow Canyon Place, Suite 400, San Ramon, California 94583 (1 copy)
K.R. Stimson, Bancroft Oakland Investment Company, c/o SB Management Corporation, 422 North Camden Drive, Suite 1070, Beverly Hills, California 90210 (1 copy)

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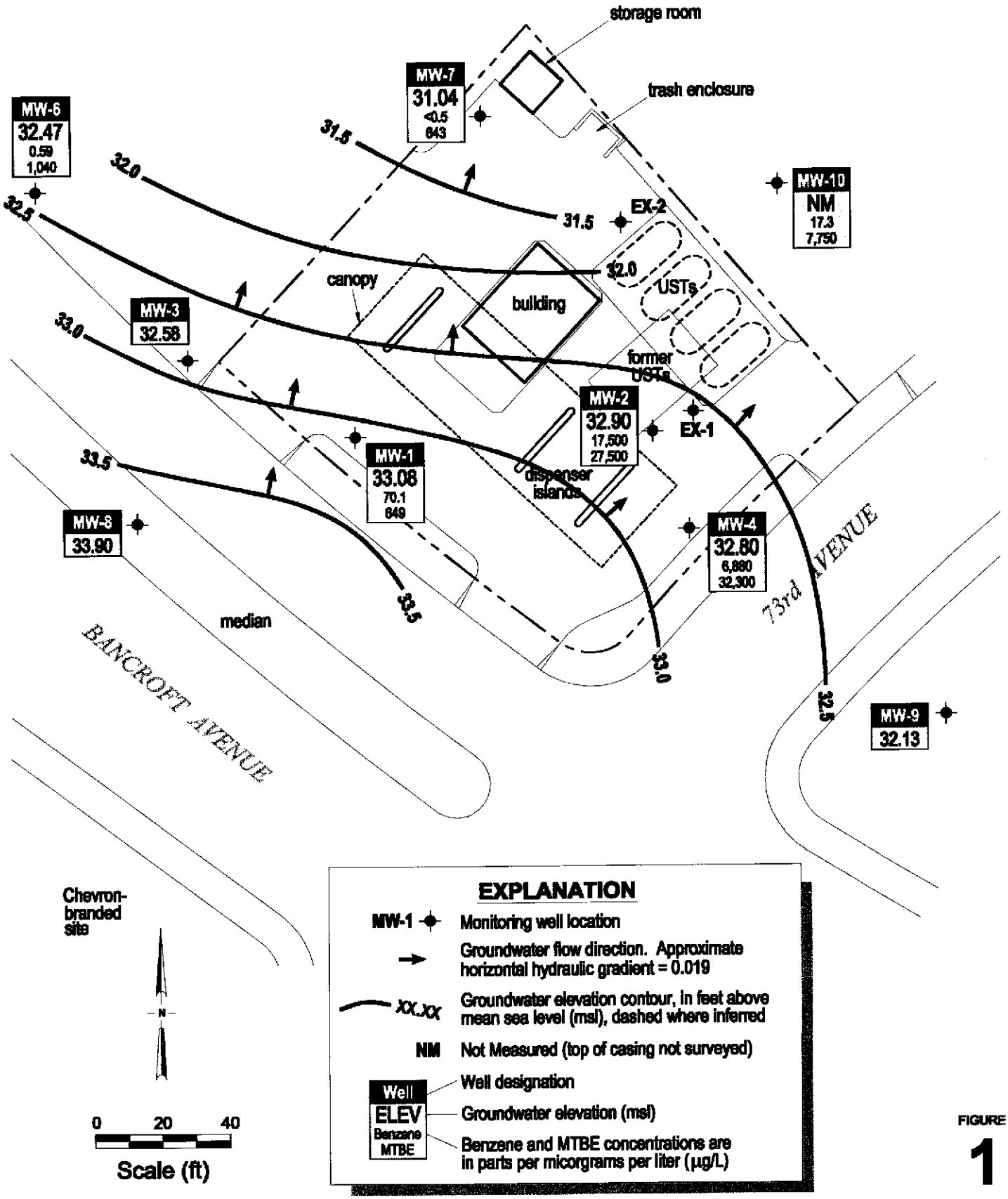
FIGURES



I:\BP\11117 OAKLAND\FIGURES\11117-4Q01.DWG

FIGURE
1

BP Oil Site No. 11117

7210 Bancroft Avenue

Oakland, California

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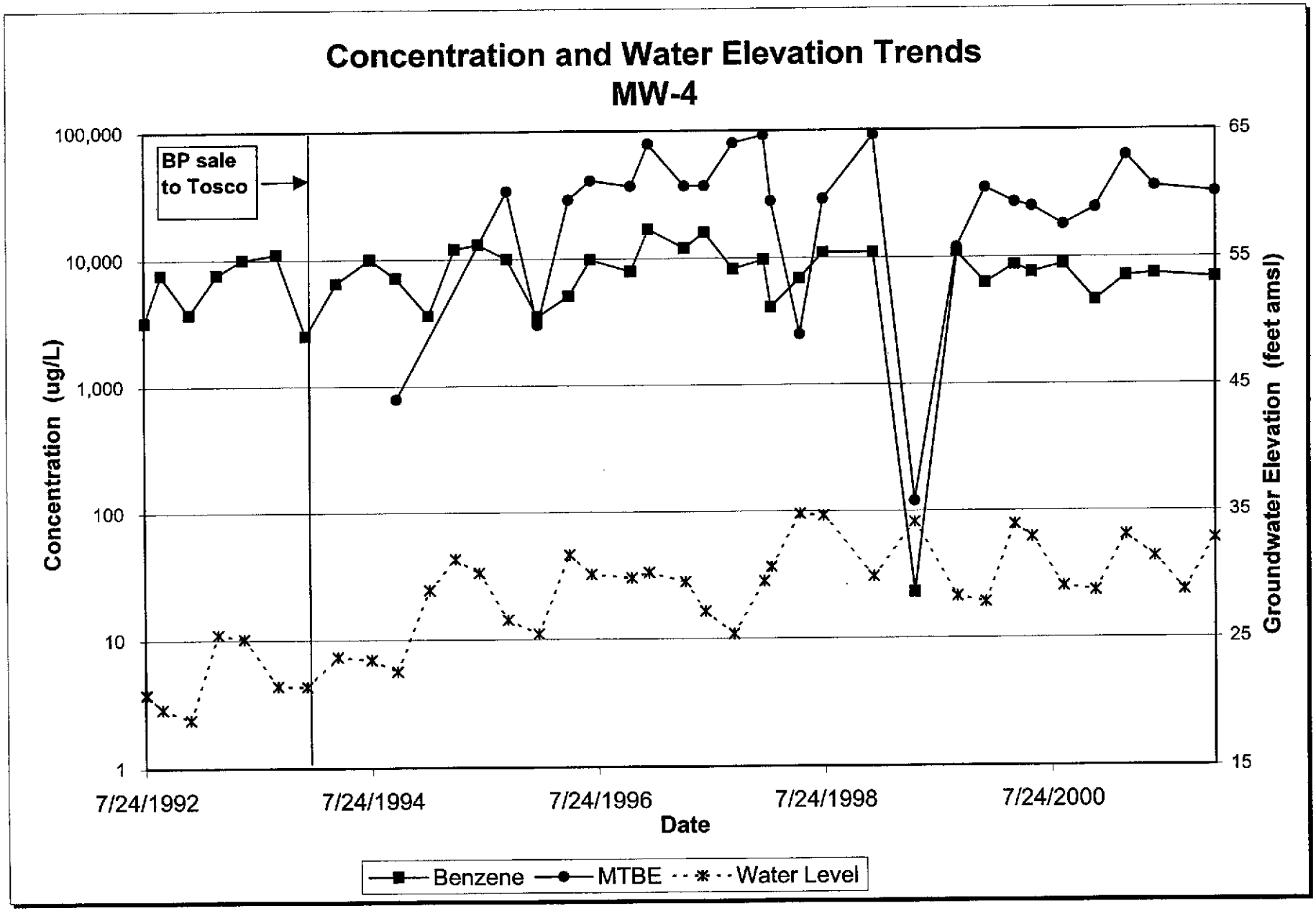
Groundwater Elevation Contour Map

December 27, 2001



BP Oil Site 11117
7210 Bancroft Avenue
Oakland, California

Cambria Environmental Technology, Inc.

Figure 2

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APPENDIX A

Blaine Tech Services, Inc.
4th Quarter 2001 Monitoring

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

January 18, 2002

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

4th Quarter 2001 Monitoring at 11117

Fourth Quarter 2001 Groundwater Monitoring
BP Service Station Number 11117
7210 Bancroft Avenue
Oakland, CA

Monitoring Performed on December 27, 2001

Groundwater Sampling Report **011227-MG-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.**

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/mb

Cc: Khaled B. Rahman
Cambria Environmental Technology, Inc.
6262 Hollis Street
Emeryville, CA 94608

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

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)		Organic Lead (ug/L)	DO (ppm)	LAB
MW-1	01/05/92	49.80	33.16	—	16.64	57000	50000	2400	1000	1100	3100	—		ND	—	—
MW-1	01/10/92	49.80	33.16	—	16.64	—	—	—	—	—	—	—		—	—	—
MW-1	06/05/92	49.80	29.01	—	20.79	31000	—	2800	2100	800	2300	—		—	—	—
MW-1	07/24/92	49.80	29.45	—	20.35	—	—	—	—	—	—	—		—	—	—
MW-1	07/27/92	49.80	29.45	—	20.35	—	—	—	—	—	—	—		—	—	—
MW-1	09/15/92	49.80	30.53	—	19.27	40000	1200 (c)	3400	3000	1300	3400	—		—	—	ANA
QC-1 (d)	09/15/92	—	—	—	—	36000	—	3800	3400	1400	3800	—		—	—	ANA
MW-1	12/15/92	49.80	31.26	—	18.54	27000	1100 (c)	1700	580	700	1900	—		—	—	ANA
QC-1 (d)	12/15/92	—	—	—	—	22000	—	1500	440	510	1300	—		—	—	ANA
MW-1	03/15/93	49.80	24.80	—	25.00	17000	580	1700	1200	590	1800	—	(l)	—	—	PACE
QC-1 (d)	03/15/93	—	—	—	—	15000	—	1100	860	440	1400	—	(l)	—	—	PACE
MW-1	06/07/93	49.80	25.01	—	24.79	750	100	0.8	0.8	ND<0.5	ND<0.5	—	(l)	—	—	PACE
QC-1 (d)	06/07/93	—	—	—	—	720	—	0.7	0.7	ND<0.5	ND<0.5	—	(l)	—	—	PACE
MW-1	09/23/93	49.80	28.70	—	21.10	40000	770	4000	500	920	3000	6619	(e)(l)	—	—	PACE
MW-1	12/27/93	49.80	28.66	—	21.14	27000	—	2000	400	940	2600	13558	(e)(l)	—	—	PACE
QC-1 (d)	12/27/93	—	—	—	—	21000	—	1700	380	830	2400	9219	(e)(l)	—	—	PACE
MW-1	04/05/94	49.80	26.37	—	23.43	27000	—	3400	930	950	2900	8595	(e)(l)	—	—	PACE
QC-1 (d)	04/05/94	—	—	—	—	29000	—	3700	1000	1000	3100	9672	(e)(l)	—	1.3	PACE
MW-1	07/22/94	49.80	26.54	—	23.26	1700	—	220	2.3	2.0	3.4	262	(e)(l)	—	2.0	PACE
MW-1	10/13/94	49.80	27.46	—	22.34	1200	—	250	21	ND<0.5	3.2	321	(e)(l)	—	2.6	PACE
MW-1	01/25/95	49.80	20.96	—	28.84	1000	—	420	8	13	4	—		—	—	ATI
MW-1	04/19/95	49.80	19.59	—	30.21	5200	—	420	51	230	340	—		—	6.0	ATI
MW-1	07/05/95	49.80	19.61	—	30.19	320	—	4.2	ND<0.50	ND<0.50	ND<1.0	—		—	4.6	ATI
MW-1	10/05/95	49.80	24.40	—	25.40	5800	—	1000	40	31	180	7800		—	2.3	ATI
MW-1	01/12/96	49.80	25.44	—	24.36	370	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		—	3.7	ATI
MW-1	04/22/96	49.80	18.02	—	31.78	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10		—	3.9	SPL
MW-1	07/02/96	49.80	19.72	—	30.08	—	—	—	—	—	—	—		—	—	—
MW-1	07/03/96	49.80	—	—	—	ND<250	—	ND<2.5	ND<5	ND<5	ND<5	ND<50		—	3.6	SPL
MW-1	11/08/96	49.80	19.98	—	29.82	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.3	SPL
MW-1	01/03/97	49.80	19.49	—	30.31	ND<50	—	ND<0.5	14	ND<1.0	ND<1.0	ND<10		—	4.6	SPL
MW-1	04/28/97	49.80	20.20	—	29.60	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	3.9	SPL
MW-1	07/01/97	49.80	22.53	—	27.27	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	3.9	SPL
MW-1	10/02/97	49.80	24.27	—	25.53	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.6	SPL
MW-1	01/09/98	49.80	21.07	—	28.73	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.2	SPL
MW-1	05/06/98	49.80	14.94	—	34.86	60	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	3.8	SPL
MW-1	07/21/98	49.80	15.11	—	34.69	70	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	3.8	SPL
MW-1	12/30/98	49.80	19.95	—	29.85	—	—	—	—	—	—	—		—	—	—

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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-1	02/02/99	49.80	19.12	—	30.68	420	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	390	—	—	SPL
MW-1	05/10/99	49.80	15.51	—	34.29	—	—	—	—	—	—	—	—	—	—
MW-1	09/23/99	49.80	21.65	—	28.15	440	—	49	ND<1.0	ND<1.0	ND<1.0	910	—	—	SPL
MW-1	12/23/99	49.80	22.32	—	27.48	—	—	—	—	—	—	—	—	—	—
MW-1	03/27/00	49.80	15.72	—	34.08	2500	—	230	3.0	83	36	4400	—	—	PACE
MW-1	05/22/00	49.80	16.92	—	32.88	—	—	—	—	—	—	—	—	—	—
MW-1	08/31/00	49.80	20.12	—	29.68	1700	—	18	5.5	7.9	5.0	510	—	—	PACE
MW-1	12/11/00	49.80	20.72	—	29.08	—	—	—	—	—	—	—	—	—	—
MW-1	03/20/01	49.80	15.91	—	33.89	880	—	38.2	ND<0.5	24.1	ND<1.5	391	—	—	PACE
MW-1	06/19/01	49.80	18.38	—	31.42	—	—	—	—	—	—	—	—	—	—
MW-1	09/20/01	49.80	21.23	—	28.57	3200	—	400	19.8	42	32.5	2510	—	—	PACE
MW-1	12/27/01	49.80	16.72	—	33.08	750	—	70.1	0.536	4.74	3.76	649	—	—	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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-2	01/05/92	51.07	DRY	---	DRY	---	---	---	---	---	---	---	---	---	---
MW-2	01/10/92	51.07	DRY	---	DRY	---	---	---	---	---	---	---	---	---	---
MW-2	06/05/92	51.07	30.05	---	21.02	11000	---	2000	180	490	1900	---	---	---	---
MW-2	07/24/92	51.07	30.72	---	20.35	---	---	---	---	---	---	---	---	---	---
MW-2	07/27/92	51.07	30.52	---	20.55	---	---	---	---	---	---	---	---	---	---
MW-2	09/15/92	51.07	31.56	---	19.51	75000	3200 (c)	2000	6500	2300	13000	---	---	---	ANA
MW-2	12/15/92	51.07	32.40	---	18.67	34000	1600 (c)	6200	8900	2000	7900	---	---	---	ANA
MW-2	03/15/93	51.07	26.14	---	24.93	150000	8400	12000	18000	3200	22000	82000 (e)	---	---	PACE
MW-2 (f)	06/07/93	51.07	26.38	SHEEN	24.69	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	09/23/93	51.07	31.43	1.92	21.08	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	12/27/93	51.07	34.07	1.07	17.80	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	04/05/94	51.07	30.44	3.30	23.11	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	07/22/94	51.07	28.51	0.80	23.16	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	10/13/94	51.07	29.33	0.70	22.27	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	01/25/95	51.07	25.55	4.25	28.71	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	04/19/95	51.07	19.78	0.12	31.38	---	---	---	---	---	---	---	---	---	---
MW-2	07/05/95	51.07	20.88	0.09	30.26	140000	---	14000	30000	3500	26000	---	---	---	ATI
MW-2 (f)	10/05/95	51.07	24.68	0.10	26.47	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	01/12/96	51.07	25.72	0.06	25.40	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	04/22/96	51.07	19.33	0.08	31.80	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	07/02/96	51.07	20.01	0.04	31.09	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	11/08/96	51.07	20.28	0.01	30.80	---	---	---	---	---	---	---	---	---	---
MW-2 (f)	01/03/97	51.07	19.87	0.02	31.22	---	---	---	---	---	---	---	---	---	---
MW-2	04/28/97	51.07	20.59	0.01	30.49	560000	---	1200	1300	290	2310	6100	---	3.9	SPL
MW-2	07/01/97	51.07	22.90	0.01	28.18	24000	---	15000	16000	4900	24400	63000	---	3.7	SPL
QC-1 (d)	07/01/97	---	---	---	---	150000	---	14000	13000	1800	14200	57000	---	---	SPL
MW-2	10/02/97	51.07	24.65	0.02	26.44	---	---	---	---	---	---	---	---	---	---
MW-2	10/03/97	51.07	---	---	---	250000	---	32000	39000	6000	42000	160000	---	4.5	SPL
MW-2	01/09/98	51.07	21.22	0.01	29.86	420000	---	23000	29000	5800	43000	75000	---	4.0	SPL
QC-1 (d)	01/09/98	---	---	---	---	300000	---	20000	25000	5200	37000	84000	---	---	SPL
MW-2	05/06/98	51.07	15.10	0.01	35.98	180000	---	25000	26000	3400	22900	35000	---	3.7	SPL
MW-2	07/21/98	51.07	15.31	0.01	35.77	270000	---	21000	20000	2700	18800	34000	---	3.8	SPL
MW-2	12/30/98	51.07	21.10	0.10	30.05	300000	---	22000	24000	4200	26000	89000/95000 (j)	---	---	SPL
MW-2	02/02/98	51.07	20.11	---	30.96	410000	---	27000	43000	6700	50000	20000	---	---	SPL
MW-2	05/10/99	51.07	16.68	---	34.39	220000	---	20000	20000	2800	20000	100000	---	---	SPL
MW-2	09/23/99	51.07	22.50	---	28.57	160000	---	21000	24000	2900	20000	44000	---	---	SPL
MW-2 (k)	12/23/99	51.07	22.64	---	28.43	170000	---	25000	41000	3100	24000	40000	---	---	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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-2	03/27/00	51.07	16.88	---	34.19	140000	---	15000	25000	3400	21000	19000	---	---	PACE
MW-2	05/22/00	51.07	17.75	---	33.32	150000	---	18000	31000	3500	22000	26000	---	---	PACE
MW-2	08/31/00	51.07	21.97	---	29.10	200000	---	16000	26000	2500	16000	38000	---	---	PACE
MW-2	12/11/00	51.07	22.05	---	29.02	130000	---	18600	30000	3250	20600	21700	---	---	PACE
MW-2	03/20/01	51.07	17.75	---	33.32	140000	---	15900	24800	3700	22100	12900	---	---	PACE
MW-2	06/19/01	51.07	20.15	---	30.92	130000	---	15100	19500	3300	21400	20300	---	---	PACE
MW-2	09/20/01	51.07	22.14	---	28.93	110000	---	12400	12600	2230	13000	39500	---	---	PACE
MW-2	12/27/01	51.07	18.17	---	32.90	150000	---	17500	26000	3050	19500	27500	---	---	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)		Organic Lead (ug/L)	DO (ppm)	LAB
MW-3	01/05/92	49.95	33.69	—	16.26	7400	4000	790	23	210	40	—		ND	—	—
MW-3	01/10/92	49.95	33.74	—	16.21	—	—	—	—	—	—	—		—	—	—
MW-3	06/05/92	49.95	29.65	—	20.30	2000	—	130	5.3	93	20	—		—	—	—
MW-3	07/24/92	49.95	30.14	—	19.81	—	—	—	—	—	—	—		—	—	—
MW-3	07/27/92	49.95	30.14	—	19.81	—	—	—	—	—	—	—		—	—	—
MW-3	09/15/92	49.95	31.07	—	18.88	450	ND<50	55	3.1	34	7.1	—		—	—	ANA
MW-3	12/15/92	49.95	31.93	—	18.02	12000	710 (c)	940	ND<50	310	120	—		—	—	ANA
MW-3	03/15/93	49.95	25.71	—	24.24	ND<50	60	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(l)	—	—	PACE
MW-3	06/07/93	49.95	25.80	—	24.15	150	ND<50	3.6	ND<0.5	0.9	1.3	—	(l)	—	—	PACE
MW-3	09/23/93	49.95	29.18	—	20.77	—	—	—	—	—	—	—		—	—	—
MW-3	09/24/93	49.95	—	—	—	160	ND<50	8.4	ND<0.5	3.7	1.3	15.3	(l)	—	—	PACE
MW-3	12/27/93	49.95	29.25	—	20.70	9400	—	1100	48	530	120	2871	(e)(l)	—	—	PACE
MW-3	04/05/94	49.95	26.84	—	23.11	7000	—	860	19	330	52	10414	(l)	—	2.0	PACE
MW-3	07/22/94	49.95	26.90	—	23.11	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(l)	—	2.1	PACE
MW-3	10/13/94	49.95	27.83	—	22.12	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(l)	—	2.6	PACE
MW-3	01/25/95	49.95	21.65	—	28.30	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—		—	—	ATI
MW-3	04/19/95	49.95	19.33	—	30.62	2400	—	170	8.0	130	27	—		—	5.0	ATI
MW-3	07/05/95	49.95	20.27	—	29.68	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—		—	4.4	ATI
MW-3	10/05/95	49.95	23.73	—	26.22	2300	—	210	3.1	10	5.1	2400		—	4.2	ATI
MW-3	01/12/96	49.95	24.84	—	25.11	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		—	4.1	ATI
MW-3	04/22/96	49.95	18.60	—	31.35	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10		—	4.4	SPL
MW-3	07/02/96	49.95	18.88	—	31.07	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10		—	4.2	SPL
MW-3	11/08/96	49.95	19.14	—	30.81	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.4	SPL
MW-3	01/03/97	49.95	18.72	—	31.23	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.6	SPL
MW-3	04/28/97	49.95	19.38	—	30.57	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.2	SPL
MW-3	07/01/97	49.95	21.65	—	28.30	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	3.8	SPL
MW-3	10/02/97	49.95	23.45	—	26.50	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.5	SPL
MW-3	01/09/98	49.95	20.10	—	29.85	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.1	SPL
MW-3	05/06/98	49.95	15.57	—	34.38	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	3.8	SPL
MW-3	07/21/98	49.95	15.88	—	34.07	51	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	3.8	SPL
QC-1 (d)	07/21/98	—	—	—	—	60	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	SPL
MW-3	12/30/98	49.95	20.30	—	29.65	—	—	—	—	—	—	—		—	—	SPL
MW-3	02/02/99	49.95	19.75	—	30.20	ND<50	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	SPL
MW-3	05/10/99	49.95	16.17	—	33.78	—	—	—	—	—	—	—		—	—	—
MW-3	09/23/99	49.95	22.05	—	27.90	—	—	—	—	—	—	—		—	—	—
MW-3	12/23/99	49.95	22.55	—	27.40	—	—	—	—	—	—	—		—	—	—

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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-3	03/27/00	49.95	16.40	---	33.55	350	---	22	ND<0.5	ND<0.5	ND<0.5	580	---	---	PACE
MW-3	05/22/00	49.95	9.49*	---	40.46	---	---	---	---	---	---	---	---	---	---
MW-3	08/31/00	49.95	13.02*	---	36.93	---	---	---	---	---	---	---	---	---	---
MW-3	12/11/00	49.95	13.30*	---	36.65	---	---	---	---	---	---	---	---	---	---
MW-3	03/20/01	49.95	16.49	---	33.46	1000	---	66.4	0.597	6.96	ND<1.5	398	---	---	PACE
MW-3	06/19/01	49.95	18.82	---	31.13	---	---	---	---	---	---	---	---	---	---
MW-3	09/20/01	49.95	21.59	---	28.36	230	---	ND<0.5	0.593	ND<0.5	ND<1.5	289	---	---	PACE
MW-3	12/27/01	49.95	17.37	---	32.58	---	---	---	---	---	---	---	---	---	---

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)		Organic Lead (ug/L)	DO (ppm)	LAB
MW-4	07/24/92	50.76	30.02	—	20.74	42000	—	3200	3600	1400	4100	—		—	—	—
MW-4	07/27/92	50.76	30.02	—	20.74	—	—	—	—	—	—	—		—	—	—
MW-4	09/15/92	50.76	31.14	—	19.62	55000	1700 (c)	7600	13000	2800	9500	—		—	—	ANA
MW-4	12/15/92	50.76	31.98	—	18.78	36000	2200 (c)	3700	4700	1200	4000	—		—	—	ANA
MW-4	03/15/93	50.76	25.34	—	25.42	69000	1200	7600	15000	2500	11000	—	(l)	—	—	PACE
MW-4	06/07/93	50.76	25.67	—	25.09	73000	2500	10000	19000	3400	14000	—	(l)	—	—	PACE
MW-4	09/23/93	50.76	29.37	—	21.39	—	—	—	—	—	—	—		—	—	—
MW-4	09/24/93	50.76	—	—	—	68000	5700	11000	2100	8600	990	390	(l)	—	—	PACE
QC-1 (d)	09/24/93	—	—	—	—	59000	—	5300	10000	2200	8400	309	(l)	—	—	PACE
MW-4	12/27/93	50.76	29.40	—	21.36	32000	—	2500	4400	1300	4400	387	(l)	—	—	PACE
MW-4	04/05/94	50.76	27.09	—	23.67	64000	—	6500	14000	1900	9600	413	(l)	—	1.4	PACE
MW-4	07/22/94	50.76	27.33	—	23.43	85000	—	10000	20000	3200	13000	796	(l)	—	0.8	PACE
QC-1 (d)	07/22/94	—	—	—	—	85000	—	11000	21000	3300	14000	435	(l)	—	—	PACE
MW-4	10/13/94	50.76	28.25	—	22.51	51000	—	7100	13000	2100	8900	506	(e)(l)	—	2.9	PACE
QC-1 (d)	10/13/94	—	—	—	—	51000	—	7400	13000	2100	9100	773	(l)	—	—	PACE
MW-4	01/25/95	50.76	21.85	—	28.91	26000	—	3600	9600	1200	6400	—		—	—	ATI
QC-1 (d)	01/25/95	—	—	—	—	28000	—	4200	12000	1500	7800	—		—	—	ATI
MW-4	04/19/95	50.76	19.44	—	31.32	89000	—	12000	24000	3500	18000	—		—	5.1	ATI
QC-1 (d)	04/19/95	—	—	—	—	100000	—	12000	26000	3800	21000	—		—	—	ATI
MW-4	07/05/95	50.76	20.52	—	30.24	130000	—	13000	29000	3300	25000	—		—	4.3	ATI
MW-4	10/05/95	50.76	24.23	—	26.53	110000	—	10000	23000	3600	17000	34000		—	2.1	ATI
MW-4	01/12/96	50.76	25.34	—	25.42	46000	—	3500	8300	1100	8000	3000		—	3.3	ATI
QC-1 (d)	01/12/96	—	—	—	—	40000	—	3500	9000	1200	8700	4300		—	—	ATI
MW-4	04/22/96	50.76	19.13	—	31.63	40000	—	5100	9600	980	11800	29000		—	3.2	SPL
QC-1 (d)	04/22/96	—	—	—	—	61000	—	8300	16000	1600	15200	36000		—	—	SPL
MW-4	07/02/96	50.76	20.67	—	30.09	74000	—	9800	21000	2100	16600	41000		—	3.4	SPL
QC-1 (d)	07/02/96	—	—	—	—	78000	—	9800	21000	1900	15300	42000		—	—	SPL
MW-4	11/08/96	50.76	20.95	—	29.81	100000	—	7900	16000	2500	13700	37000		—	3.7	SPL
QC-1 (d)	11/08/96	—	—	—	—	110000	—	9100	20000	3000	15400	39000		—	—	SPL
MW-4	01/03/97	50.76	20.54	—	30.22	99000	—	17000	30000	4300	22700	79000		—	4.2	SPL
QC-1 (d)	01/03/97	—	—	—	—	66000	—	12000	19000	2900	15000	69000		—	—	SPL
MW-4	04/28/97	50.76	21.28	—	29.48	130000	—	12000	28000	3800	21000	37000		—	3.9	SPL
QC-1 (d)	04/28/97	—	—	—	—	110000	—	11000	26000	3200	18200	34000		—	—	SPL
MW-4	07/01/97	50.76	23.61	—	27.15	110000	—	16000	25000	4900	24400	37000		—	3.6	SPL
MW-4	10/02/97	50.76	25.39	—	25.37	—	—	—	—	—	—	—		—	—	—
MW-4	10/03/97	50.76	—	—	—	66000	—	8200	8600	2700	13400	80000		—	4.4	SPL
QC-1 (d)	10/03/97	—	—	—	—	71000	—	8600	8700	2900	13500	84000		—	—	SPL

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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-4	01/09/98	50.76	21.25	—	29.51	100000	—	9700	3200	1500	4700	92000	—	3.8	SPL
MW-4	05/06/98	50.76	15.96	—	34.80	430000	—	6900	31000	11000	56000	ND<5000	—	3.9	SPL
QC-1 (d)	05/06/98	—	—	—	—	440000	—	8000	39000	14000	70000	ND<5000	—	—	SPL
MW-4	07/21/98	50.76	16.1	—	34.66	250000	—	11000	26000	5500	26900	29000	—	3.7	SPL
QC-1 (d)	07/21/98	—	—	—	—	210000	—	11000	27000	5600	26800	29000	—	—	SPL
MW-4	12/30/98	50.76	20.91	—	29.85	370000	—	11000	22000	8500	40000	90000/92000 (j)	—	—	SPL
MW-4	02/02/99	50.76	20.13	—	30.63	190000	—	4100	19000	4800	32000	28000	—	—	SPL
MW-4	05/10/99	50.76	16.63	—	34.13	2700	—	23	7.1	8.1	25	120	—	—	SPL
MW-4	09/23/99	50.76	22.48	—	28.28	180000	—	11000	29000	7000	38000	12000	—	—	SPL
MW-4 (k)	12/23/99	50.76	22.94	—	27.82	66000	—	6300	5200	2200	7800	35000	—	—	PACE
MW-4	03/27/00	50.76	16.84	—	33.92	120000	—	8700	12000	3800	16000	27000	—	—	PACE
MW-4	05/22/00	50.76	17.85	—	32.91	110000	—	7600	16000	4400	20000	25000	—	—	PACE
MW-4	08/31/00	50.76	21.71	—	29.05	110000	—	8800	7600	3400	14000	18000	—	—	PACE
MW-4	12/11/00	50.76	22.05	—	28.71	70000	—	4580	3480	2550	9220	24400	—	—	PACE
MW-4	03/20/01	50.76	17.68	—	33.08	100000	—	7100	4530	2540	9370	63100	—	—	PACE
MW-4	06/19/01	50.76	19.40	—	31.36	180000	—	7430	14600	5400	25300	36100	—	—	PACE
MW-4 (f)	09/20/01	50.76	22.01	0.03 (m)	28.75	—	—	—	—	—	—	—	—	—	—
MW-4	12/27/01	50.76	17.96	—	32.80	120000	—	6880	9030	2840	14600	32300	—	—	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)		Organic Lead (ug/L)	DO (ppm)	LAB
MW-6	07/24/92	50.32	30.63	—	19.69	ND	—	1.6	ND	ND	ND	—		—	—	—
MW-6	07/27/92	50.32	30.63	—	19.69	—	—	—	—	—	—	—		—	—	—
MW-6	09/15/92	50.32	31.52	—	18.80	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		—	—	ANA
MW-6	12/15/92	50.32	32.42	—	17.90	58	ND<50	1.3	ND<0.5	ND<0.5	ND<0.5	—		—	—	ANA
MW-6	03/15/93	50.32	26.29	—	24.03	ND<50	ND<50	ND<0.5	0.6	ND<0.5	0.7	—	(l)	—	—	PACE
MW-6	06/07/93	50.32	26.33	—	23.99	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	1.5	—	(l)	—	—	PACE
MW-6	09/23/93	50.32	29.64	—	20.68	—	—	—	—	—	—	—		—	—	—
MW-6	09/24/93	50.32	—	—	—	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	28.5	(l)	—	—	PACE
MW-6	12/27/93	50.32	29.75	—	20.57	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	55.4	(e)(l)	—	—	PACE
MW-6	04/05/94	50.32	27.26	—	23.06	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	295	(e)(l)	—	1.7	PACE
MW-6	07/22/94	50.32	27.34	—	22.98	350	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	419	(e)(l)	—	4.5	PACE
MW-6 (g)	10/13/94	50.32	—	—	—	—	—	—	—	—	—	—		—	—	—
MW-6	01/25/95	50.32	22.16	—	28.16	240	—	6	ND<0.5	ND<0.5	ND<1	—		—	—	ATI
MW-6 (g)	04/19/95	50.32	—	—	—	—	—	—	—	—	—	—		—	—	—
MW-6	07/05/95	50.32	20.80	—	29.52	180	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—		—	4.9	ATI
MW-6	10/05/95	50.32	24.20	—	26.12	860	—	ND<5.0	ND<5.0	ND<5.0	ND<10	3600		—	2.8	ATI
MW-6	01/12/96	50.32	25.30	—	25.02	860	—	ND<5.0	ND<5.0	ND<5.0	ND<10	2800		—	4.2	ATI
MW-6	04/22/96	50.32	19.13	—	31.19	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	470		—	4.3	SPL
MW-6	07/02/96	50.32	20.66	—	29.66	100	—	ND<0.5	ND<1	ND<1	ND<1	1100		—	4.2	SPL
MW-6	11/08/96	50.32	20.98	—	29.34	1100	—	ND<5	ND<10	ND<10	ND<10	1500		—	4.3	SPL
MW-6	01/03/97	50.32	20.53	—	29.79	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	450		—	4.5	SPL
MW-6	04/28/97	50.32	21.25	—	29.07	1400	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	3500		—	4.4	SPL
MW-6	07/01/97	50.32	23.40	—	26.92	6100	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	9100		—	3.9	SPL
MW-6	10/02/97	50.32	25.16	—	25.16	—	—	—	—	—	—	—		—	—	—
MW-6	10/03/97	50.32	—	—	—	330	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	2600		—	4.4	SPL
MW-6	01/09/98	50.32	21.13	—	29.19	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.3	SPL
MW-6	05/06/98	50.32	16.11	—	34.21	410	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	500		—	3.6	SPL
MW-6	07/21/98	50.32	16.33	—	33.99	4300	—	ND<5	ND<10	ND<10	ND<10	3800		—	4.0	SPL
MW-6	12/30/98	50.32	20.89	—	29.43	—	—	—	—	—	—	—		—	—	—
MW-6	02/02/99	50.32	20.20	—	30.12	—	—	—	—	—	—	—		—	—	—
MW-6	05/10/99	50.32	16.75	—	33.57	—	—	—	—	—	—	—		—	—	—
MW-6	09/23/99	50.32	22.55	—	27.77	ND<50	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1600		—	—	SPL
MW-6	12/23/99	50.32	23.00	—	27.32	—	—	—	—	—	—	—		—	—	—
MW-6	03/27/00	50.32	16.89	—	33.43	1700	—	4.4	0.54	ND<0.5	1.0	14000		—	—	PACE
MW-6	05/22/00	50.32	18.02	—	32.30	—	—	—	—	—	—	—		—	—	—
MW-6	08/31/00	50.32	21.62	—	28.70	1200	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3900		—	—	PACE
MW-6	12/11/00	50.32	21.81	—	28.51	—	—	—	—	—	—	—		—	—	—

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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-6	03/20/01	50.32	16.97	---	33.35	3300	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	3760	---	---	PACE
MW-6	06/19/01	50.32	19.30	---	31.02	---	---	---	---	---	---	---	---	---	---
MW-6	09/20/01	50.32	22.00	---	28.32	2200	---	2.04	8.1	3.62	13.7	2460	---	---	PACE
MW-6	12/27/01	50.32	17.85	---	32.47	830	---	0.59	ND<0.5	ND<0.5	ND<1.0	1040	---	---	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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-7	01/25/95	51.40	21.67	—	29.73	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	7.0	ATI
MW-7	04/19/95	51.40	25.27	—	26.13	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	5.0	ATI
MW-7	07/05/95	51.40	24.63	—	26.77	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	4.2	ATI
MW-7	10/05/95	51.40	28.21	—	23.19	83	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	77	—	4.5	ATI
MW-7	01/12/96	51.40	29.29	—	22.11	63	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	120	—	4.8	ATI
MW-7	04/22/96	51.40	23.11	—	28.29	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	13	—	4.8	SPL
MW-7	07/02/96	51.40	23.56	—	27.84	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	4.8	SPL
MW-7	11/08/96	51.40	20.06	—	31.34	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	5.1	SPL
MW-7	01/03/97	51.40	23.42	—	27.98	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.7	SPL
MW-7	04/28/97	51.40	24.12	—	27.28	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.9	SPL
MW-7	07/01/97	51.40	26.40	—	25.00	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.2	SPL
MW-7	10/02/97	51.40	28.14	—	23.26	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.7	SPL
MW-7	01/09/98	51.40	24.02	—	27.38	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.1	SPL
MW-7	05/06/98	51.40	21.00	—	30.40	1900	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	1800	—	3.5	SPL
MW-7	07/21/98	51.40	21.17	—	30.23	50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.7	SPL
MW-7	12/30/98	51.40	22.13	—	29.27	—	—	—	—	—	—	—	—	—	—
MW-7	02/02/99	51.40	22.08	—	29.32	—	—	—	—	—	—	—	—	—	—
MW-7	05/10/99	51.40	18.58	—	32.82	—	—	—	—	—	—	—	—	—	—
MW-7	09/23/99	51.40	24.29	—	27.11	70	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	4700	—	—	SPL
MW-7	12/23/99	51.40	24.53	—	26.87	—	—	—	—	—	—	—	—	—	—
MW-7	03/27/00	51.40	18.58	—	32.82	910	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2600	—	—	PACE
MW-7	05/22/00	51.40	19.49	—	31.91	—	—	—	—	—	—	—	—	—	—
MW-7	08/31/00	51.40	22.53	—	28.87	440	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	900	—	—	PACE
MW-7	12/11/00	51.40	22.75	—	28.65	—	—	—	—	—	—	—	—	—	—
MW-7	03/20/01	51.40	18.79	—	32.61	1100	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	1210	—	—	PACE
MW-7	06/19/01	51.40	19.82	—	31.58	—	—	—	—	—	—	—	—	—	—
MW-7	09/20/01	51.40	21.35	—	30.05	1300	—	1.21	ND<0.5	ND<0.5	ND<1.5	1550	—	—	PACE
MW-7	12/27/01	51.40	20.36	—	31.04	510	—	ND<0.5	ND<0.5	ND<0.5	ND<1.0	643	—	—	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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-8	01/25/95	50.88	31.59	---	19.29	54	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	7.1	ATI
MW-8	04/19/95	50.88	19.18	---	31.70	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	5.1	ATI
MW-8	07/05/95	50.88	19.03	---	31.85	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	4.5	ATI
MW-8	10/05/95	50.88	24.40	---	26.48	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	4.1	ATI
MW-8	01/12/96	50.88	25.51	---	25.37	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	4.6	ATI
MW-8	04/22/96	50.88	18.00	---	32.88	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	4.8	SPL
MW-8	07/02/96	50.88	19.83	---	31.05	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	4.5	SPL
MW-8	11/08/96	50.88	20.09	---	30.79	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.7	SPL
MW-8	01/03/97	50.88	19.72	---	31.16	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.4	SPL
MW-8	04/28/97	50.88	20.44	---	30.44	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.1	SPL
MW-8	07/01/97	50.88	22.72	---	28.16	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.8	SPL
MW-8	10/02/97	50.88	24.51	---	26.37	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.2	SPL
MW-8	01/09/98	50.88	21.17	---	29.71	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.5	SPL
MW-8	05/06/98	50.88	18.34	---	32.54	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.6	SPL
MW-8	07/21/98	50.88	18.55	---	32.33	90	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.3	SPL
MW-8	12/30/98	50.88	20.40	---	30.48	---	---	---	---	---	---	---	---	---	---
MW-8	02/02/99	50.88	19.28	---	31.60	---	---	---	---	---	---	---	---	---	---
MW-8	05/10/99	50.88	15.62	---	35.26	---	---	---	---	---	---	---	---	---	---
MW-8	09/23/99	50.88	21.74	---	29.14	---	---	---	---	---	---	---	---	---	---
MW-8	12/23/99	50.88	22.83	---	28.05	---	---	---	---	---	---	---	---	---	---
MW-8	03/27/00	50.88	16.25	---	34.63	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-8	05/22/00	50.88	17.06	---	33.82	---	---	---	---	---	---	---	---	---	---
MW-8	08/31/00	50.88	21.72	---	29.16	---	---	---	---	---	---	---	---	---	---
MW-8	12/11/00	50.88	22.03	---	28.85	---	---	---	---	---	---	---	---	---	---
MW-8	03/20/01	50.88	16.23	---	34.65	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	0.991	---	---	PACE
MW-8	06/19/01	50.88	19.35	---	31.53	---	---	---	---	---	---	---	---	---	---
MW-8	09/20/01	50.88	21.95	---	28.93	---	---	---	---	---	---	---	---	---	---
MW-8	12/27/01	50.88	16.98	---	33.90	---	---	---	---	---	---	---	---	---	---

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)	Organic Lead (ug/L)	DO (ppm)	LAB
MW-9	01/25/95	51.05	22.32	—	28.73	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	7.4	ATI
MW-9	04/19/95	51.05	19.86	—	31.19	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<1	—	—	5.2	ATI
MW-9	07/05/95	51.05	20.78	—	30.27	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	4.4	ATI
MW-9	10/05/95	51.05	24.33	—	26.72	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	2.3	ATI
QC-1 (d)	10/05/95	—	—	—	—	52	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	160	—	—	ATI
MW-9	01/12/96	51.05	25.44	—	25.61	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	—	3.2	ATI
MW-9	04/22/96	51.05	18.01	—	33.04	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	11	—	3.5	SPL
MW-9	07/02/96	51.05	19.70	—	31.35	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	3.3	SPL
MW-9	11/08/96	51.05	19.96	—	31.09	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.7	SPL
MW-9	01/03/97	51.05	19.52	—	31.53	ND<250	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	4.4	SPL
MW-9	04/28/97	51.05	20.22	—	30.83	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.0	SPL
MW-9	07/01/97	51.05	22.59	—	28.46	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.9	SPL
MW-9	10/02/97	51.05	24.33	—	26.72	—	—	—	—	—	—	—	—	—	—
MW-9	10/03/97	51.05	—	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.4	SPL
MW-9	01/09/98	51.05	21.11	—	29.94	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.9	SPL
MW-9	05/06/98	51.05	18.26	—	32.79	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.0	SPL
MW-9	07/21/98	51.05	18.46	—	32.59	70	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.7	SPL
MW-9 (g)	12/30/98	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	02/02/99	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	05/10/99	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	09/23/99	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	12/23/99	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	03/27/00	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	05/22/00	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	08/31/00	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	12/11/00	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	03/20/01	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9 (g)	06/19/01	51.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9	09/20/01	51.05	22.20	—	28.85	6300	—	2.87	ND<0.5	ND<0.5	ND<1.5	8640	—	—	PACE
MW-9	12/27/01	51.05	18.92	—	32.13	—	—	—	—	—	—	—	—	—	—

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)		Organic Lead (ug/L)	DO (ppm)	LAB
MW-10	01/09/98	— (h)	20.97	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.3	SPL
MW-10	05/06/98	— (h)	18.07	—	—	800	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	980		—	3.9	SPL
MW-10	07/21/98	— (h)	18.28	—	—	80	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	4.0	SPL
MW-10	12/30/98	— (h)	22.22	—	—	—	—	—	—	—	—	—		—	—	—
MW-10	02/02/99	— (h)	21.83	—	—	940	—	ND<10	ND<10	ND<10	ND<10	690		—	—	SPL
MW-10	05/10/99	— (h)	17.99	—	—	—	—	—	—	—	—	—		—	—	—
MW-10	09/23/99	— (h)	22.61	—	—	ND<50	—	ND<1.0	ND<1.0	ND<1.0	1.4	1000		—	—	SPL
MW-10	12/23/99	— (h)	23.75	—	—	—	—	—	—	—	—	—		—	—	—
MW-10	03/27/00	— (h)	18.83	—	—	1900	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	28000		—	—	PACE
MW-10	05/22/00	— (h)	19.47	—	—	—	—	—	—	—	—	—		—	—	—
MW-10	08/31/00	— (h)	22.64	—	—	1700	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	13000		—	—	PACE
MW-10	12/11/00	— (h)	22.84	—	—	—	—	—	—	—	—	—		—	—	—
MW-10	03/20/01	— (h)	19.57	—	—	16000	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	11900		—	—	PACE
MW-10	06/19/01	— (h)	20.63	—	—	—	—	—	—	—	—	—		—	—	—
MW-10	09/20/01	— (h)	23.07	—	—	5800	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	8160		—	—	PACE
MW-10	12/27/01	— (h)	20.92	—	—	6600	—	17.3	14.5	ND<12.5	ND<25	7750		—	—	PACE
QC-2 (i)	09/15/92	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		—	—	ANA
QC-2 (i)	12/15/92	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		—	—	ANA
QC-2 (i)	03/15/93	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(l)	—	—	PACE
QC-2 (i)	06/07/93	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(l)	—	—	PACE
QC-2 (i)	09/24/93	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(l)	—	—	PACE
QC-2 (i)	12/27/93	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(l)	—	—	PACE
QC-2 (i)	04/05/94	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(l)	—	—	PACE
QC-2 (i)	07/22/94	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(l)	—	—	PACE
QC-2 (i)	10/13/94	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(l)	—	—	PACE
QC-2 (i)	01/25/95	—	—	—	—	ND<50	—	ND<0.5	2	0.6	1	—		—	—	ATI
QC-2 (i)	04/19/95	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		—	—	ATI
QC-2 (i)	07/05/95	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—		—	—	ATI
QC-2 (i)	10/05/95	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		—	—	ATI
QC-2 (i)	01/12/96	—	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		—	—	ATI
QC-2 (i)	04/22/96	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10		—	—	SPL
QC-2 (i)	07/02/96	—	—	—	—	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10		—	—	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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
DO	Dissolved oxygen
ug/L	Micrograms per liter
ppm	Parts per million
ND	Not detected above reported detection limit
—	Not analyzed/applicable/measurable
ANA	Anametrix, Inc.
PACE	Pace, Inc.
ATI	Analytical Technologies, Inc.
SPL	Southern Petroleum Laboratories

NOTES:

(a) Casing elevations surveyed to the nearest 0.01 foot relative to mean sea level.

(b) Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.

(c) Concentrations reported as diesel from MW-1, MW-2 and MW-4 are primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene.

(d) Blind duplicate.

(e) A copy of the documentation for this data is included in Appendix C of Alisto report 10-018-05-004.

(f) Well not sampled due to presence of free product.

(g) Well inaccessible.

(h) Top of casing not surveyed.

(i) Travel blank.

(j) EPA method by 8020\8260.

(k) Samples ran outside of EPA recommended hold time.

(l) A copy of the documentation for this data can be found in Blaine Tech Services report 010619-C-2. The MTBE data for the March 15, 1993 and June 7, 1993 events have been destroyed.

(m) Thickness of SPH is only an estimate. The resulting groundwater elevation will not be used in contouring.

* Depth to water and resulting groundwater elevation is anamolous and not used in groundwater contouring.

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

January 07, 2002

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

RE: Lab Project Number: 8525342
Client Project ID: BP Site# 11117

Dear Ms. Magyar:

Enclosed are the analytical results for sample(s) received by the laboratory on January 3, 2002. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Paula Kirtley
pkirtley@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical™
www.pacelabs.com

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

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

Lab Project Number: 8525342
Client Project ID: BP Site# 11117

Attn: Ms. Cindy Magyar
Phone:

Lab Sample No: 851732975 Project Sample Number: 8525342-001 Date Collected: 12/27/01 11:30
Client Sample ID: MW-1 Matrix: Water Date Received: 01/03/02 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Lim
GC Volatiles								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	750	ug/l	50.	1.0	01/04/02 13:57	WRIC		
1,4-Difluorobenzene (S)	89	%		1.0	01/04/02 13:57	WRIC		
4-Bromofluorobenzene (S)	91	%		1.0	01/04/02 13:57	WRIC 460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021							
Benzene	70.1	ug/l	0.500	1.0	01/04/02 13:57	WRIC 71-43-2		
Ethylbenzene	4.74	ug/l	0.500	1.0	01/04/02 13:57	WRIC 100-41-4		
Toluene	0.536	ug/l	0.500	1.0	01/04/02 13:57	WRIC 108-88-3		
Xylene (Total)	3.76	ug/l	1.00	1.0	01/04/02 13:57	WRIC 1330-20-7		
Methyl-tert-butyl ether	649.	ug/l	2.50	5.0	01/04/02 13:57	WRIC 1634-04-4		
1,4-Difluorobenzene (S)	106	%		1.0	01/04/02 13:57	WRIC		
4-Bromofluorobenzene (S)	100	%		1.0	01/04/02 13:57	WRIC 460-00-4		

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Lab Project Number: 8525342
Client Project ID: BP Site# 11117

Lab Sample No: 851732976 Project Sample Number: 8525342-002 Date Collected: 12/27/01 12:21
Client Sample ID: MW-2 Matrix: Water Date Received: 01/03/02 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Limi
GC Volatiles								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	150000	ug/l	12000	250	01/07/02 10:55	WRIC		
1,4-Difluorobenzene (S)	86	%		1.0	01/07/02 10:55	WRIC		
4-Bromofluorobenzene (S)	92	%		1.0	01/07/02 10:55	WRIC	460-00-4	
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021							
Benzene	17500	ug/l	125.	250	01/07/02 10:55	WRIC	71-43-2	
Ethylbenzene	3050	ug/l	125.	250	01/07/02 10:55	WRIC	100-41-4	
Toluene	26000	ug/l	125.	250	01/07/02 10:55	WRIC	108-88-3	
Xylene (Total)	19500	ug/l	250.	250	01/07/02 10:55	WRIC	1330-20-7	
Methyl-tert-butyl ether	27500	ug/l	125.	250	01/07/02 10:55	WRIC	1634-04-4	
1,4-Difluorobenzene (S)	100	%		1.0	01/07/02 10:55	WRIC		
4-Bromofluorobenzene (S)	104	%		1.0	01/07/02 10:55	WRIC	460-00-4	

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Lab Project Number: 8525342
Client Project ID: BP Site# 11117

Lab Sample No: 851732977 Project Sample Number: 8525342-003 Date Collected: 12/27/01 12:53
Client Sample ID: MW-4 Matrix: Water Date Received: 01/03/02 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed		CAS No.	Ftnote	Reg Limi
GC Volatiles									
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified								
Gasoline Range Organics	120000	ug/l	12000	250	01/07/02 11:15	WRIC			
1,4-Difluorobenzene (S)	87	%		1.0	01/07/02 11:15	WRIC			
4-Bromofluorobenzene (S)	92	%		1.0	01/07/02 11:15	WRIC	460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021								
Benzene	6880	ug/l	125.	250	01/07/02 11:15	WRIC	71-43-2		
Ethylbenzene	2840	ug/l	125.	250	01/07/02 11:15	WRIC	100-41-4		
Toluene	9030	ug/l	125.	250	01/07/02 11:15	WRIC	108-88-3		
Xylene (Total)	14600	ug/l	250.	250	01/07/02 11:15	WRIC	1330-20-7		
Methyl-tert-butyl ether	32300	ug/l	125.	250	01/07/02 11:15	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	100	%		1.0	01/07/02 11:15	WRIC			
4-Bromofluorobenzene (S)	103	%		1.0	01/07/02 11:15	WRIC	460-00-4		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8525342
Client Project ID: BP Site# 11117

Lab Sample No: 851732978 Project Sample Number: 8525342-004 Date Collected: 12/27/01 11:04
Client Sample ID: MW-6 Matrix: Water Date Received: 01/03/02 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Lim
GC Volatiles								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	830	ug/l	50.	1.0	01/04/02 14:16	WRIC		
1,4-Difluorobenzene (S)	87	%		1.0	01/04/02 14:16	WRIC		
4-Bromofluorobenzene (S)	89	%		1.0	01/04/02 14:16	WRIC	460-00-4	
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021							
Benzene	0.590	ug/l	0.500	1.0	01/04/02 14:16	WRIC	71-43-2	
Ethylbenzene	ND	ug/l	0.500	1.0	01/04/02 14:16	WRIC	100-41-4	
Toluene	ND	ug/l	0.500	1.0	01/04/02 14:16	WRIC	108-88-3	
Xylene (Total)	ND	ug/l	1.00	1.0	01/04/02 14:16	WRIC	1330-20-7	
Methyl-tert-butyl ether	1040	ug/l	2.50	5.0	01/04/02 14:16	WRIC	1634-04-4	
1,4-Difluorobenzene (S)	100	%		1.0	01/04/02 14:16	WRIC		
4-Bromofluorobenzene (S)	101	%		1.0	01/04/02 14:16	WRIC	460-00-4	

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Lab Project Number: 8525342
Client Project ID: BP Site# 11117

Lab Sample No: 851732979 Project Sample Number: 8525342-005 Date Collected: 12/27/01 10:41
Client Sample ID: MW-7 Matrix: Water Date Received: 01/03/02 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Lim
GC Volatiles								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	510	ug/l	50.	1.0	01/04/02 14:36	WRIC		
1,4-Difluorobenzene (S)	88	%		1.0	01/04/02 14:36	WRIC		
4-Bromofluorobenzene (S)	88	%		1.0	01/04/02 14:36	WRIC 460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021							
Benzene	ND	ug/l	0.500	1.0	01/04/02 14:36	WRIC 71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	01/04/02 14:36	WRIC 100-41-4		
Toluene	ND	ug/l	0.500	1.0	01/04/02 14:36	WRIC 108-88-3		
Xylene (Total)	ND	ug/l	1.00	1.0	01/04/02 14:36	WRIC 1330-20-7		
Methyl-tert-butyl ether	643.	ug/l	2.50	5.0	01/04/02 14:36	WRIC 1634-04-4		
1,4-Difluorobenzene (S)	100	%		1.0	01/04/02 14:36	WRIC		
4-Bromofluorobenzene (S)	100	%		1.0	01/04/02 14:36	WRIC 460-00-4		

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Fax: 281.488.4661

Lab Project Number: 8525342
Client Project ID: BP Site# 11117

Lab Sample No: 851732980 Project Sample Number: 8525342-006 Date Collected: 12/27/01 11:51
Client Sample ID: MW-10 Matrix: Water Date Received: 01/03/02 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed		CAS No.	Ftnote	Reg Limi
GC Volatiles									
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified								
Gasoline Range Organics	6600	ug/l	1200	25.0	01/04/02 17:22	WRIC			
1,4-Difluorobenzene (S)	88	%		1.0	01/04/02 17:22	WRIC			
4-Bromofluorobenzene (S)	89	%		1.0	01/04/02 17:22	WRIC	460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021								
Benzene	17.3	ug/l	12.5	25.0	01/04/02 17:22	WRIC	71-43-2		
Ethylbenzene	ND	ug/l	12.5	25.0	01/04/02 17:22	WRIC	100-41-4		
Toluene	14.5	ug/l	12.5	25.0	01/04/02 17:22	WRIC	108-88-3		
Xylene (Total)	ND	ug/l	25.0	25.0	01/04/02 17:22	WRIC	1330-20-7		
Methyl-tert-butyl ether	7750	ug/l	12.5	25.0	01/04/02 17:22	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	100	%		1.0	01/04/02 17:22	WRIC			
4-Bromofluorobenzene (S)	100	%		1.0	01/04/02 17:22	WRIC	460-00-4		

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Houston, TX 77058
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Fax: 281.488.4661

Lab Project Number: 8525342
Client Project ID: BP Site# 11117

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit
NC Not Calculable
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
(S) Surrogate

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QUALITY CONTROL DATA

Lab Project Number: 8525342
Client Project ID: BP Site# 11117

QC Batch: 63870 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 8015 Modified Analysis Description: GAS by Mod 8015, Water
Associated Lab Samples: 851732975 851732976 851732977 851732978 851732979 851732980

METHOD BLANK: 851733278
Associated Lab Samples: 851732975 851732976 851732977 851732978 851732979 851732980

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Gasoline Range Organics	ug/l	ND	50.	
1,4-Difluorobenzene (S)	%	90		
4-Bromofluorobenzene (S)	%	89		

LABORATORY CONTROL SAMPLE: 851733279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Gasoline Range Organics	ug/l	1000	929.6	93	
1,4-Difluorobenzene (S)				107	
4-Bromofluorobenzene (S)				93	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851733280 851733281

Parameter	Units	851732975 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Gasoline Range Organics	ug/l	754.6	1000.00	1712	1683	96	93	2	
1,4-Difluorobenzene (S)						112	111		
4-Bromofluorobenzene (S)						92	91		

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QUALITY CONTROL DATA

Lab Project Number: 8525342
Client Project ID: BP Site# 11117

QC Batch: 63874 Analysis Method: EPA 8021
QC Batch Method: See analytical method Analysis Description: SW8021 Aromatics, Water
Associated Lab Samples: 851732975 851732976 851732977 851732978 851732979 851732980

METHOD BLANK: 851733288
Associated Lab Samples: 851732975 851732976 851732977 851732978 851732979 851732980

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Benzene	ug/l	ND	0.500	
Ethylbenzene	ug/l	ND	0.500	
Toluene	ug/l	ND	0.500	
Xylene (Total)	ug/l	ND	1.00	
Methyl-tert-butyl ether	ug/l	ND	0.500	
1,4-Difluorobenzene (S)	%	100		
4-Bromofluorobenzene (S)	%	102		

LABORATORY CONTROL SAMPLE: 851733289

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Benzene	ug/l	50	49.21	98	
Ethylbenzene	ug/l	50	51.60	103	
Toluene	ug/l	50	49.69	99	
Xylene (Total)	ug/l	100	102.8	103	
Methyl-tert-butyl ether	ug/l	50	49.55	99	
1,4-Difluorobenzene (S)				101	
4-Bromofluorobenzene (S)				103	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851733290 851733291

Parameter	Units	851732980 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Benzene	ug/l	17.33	1250.00	1239	1287	98	102	4	
Ethylbenzene	ug/l	0	1250.00	1295	1350	104	108	4	
Toluene	ug/l	14.54	1250.00	1246	1294	99	102	4	

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Houston, TX 77058
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Fax: 281.488.4661

QUALITY CONTROL DATA

Lab Project Number: 8525342
Client Project ID: BP Site# 11117

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851733290 851733291

Parameter	Units	851732980 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Xylene (Total)	ug/l	13.49	2500.00	2585	2680	103	107	4	
Methyl-tert-butyl ether	ug/l	7746	1250.00	8589	8814	67	85	3	
1,4-Difluorobenzene (S)						100	100		
4-Bromofluorobenzene (S)						102	102		

Comments : Due to matrix interference the matrix spike and/or matrix spike duplicate do not provide reliable % Recovery and RPD values. Sample results for this QC batch accepted based on LCS and/or LCSD % Recovery and/or RPD values.

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Lab Project Number: 8525342
Client Project ID: BP Site# 11117

QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

LCS(D)	Laboratory Control Sample (Duplicate)
MS(D)	Matrix Spike (Duplicate)
DUP	Sample Duplicate
ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
RPD	Relative Percent Difference
(S)	Surrogate

BP

CHAIN OF CUSTODY

8525342

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
11117	7210 Bancroft, Oakland	011227-MG1

CONSULTANT PROJECT MANAGER	PHONE NUMBER	FAX NUMBER	CONSULTANT CONTRACT NUMBER
~~Scott Boor~~ Cindy Magyar	(408) 573-0555 x 223	(408) 573-7771	J588705

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)	FUEL OXYGENATES (8260)	1,2 DCA + EDB (8010)						COMMENTS
MW-1	12/27/01	1130	Water	3	40mL	HCl	X									851732975
MW-2	↓	1221	↓	↓	↓	↓	X									976
MW-4		1253					X									977
MW-6		1104					X									978
MW-7		1041					X									979
MW-10		1151					X									980

SAMPLED BY (Please Print Name): Morgan Gillies

SAMPLED BY (Signature):

ADDITIONAL COMMENTS: cooler temp = 1.2°C

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
Morgan Gillies /	1/2/02	1053	AIRBORNE EXPRESS	1/2/02	1053
Airborne	1/3/02	0840	Tracy Moody	1/3/02	0840

Field
Data
Sheets

WELL GAUGING DATA

Project # 011227-M61 Date 12/27/01 Client BP 11117

Site 7210 Bancroft, Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2					16.72	36.35		
MW-2	2					18.17	39.41		
MW-3	2					17.37	40.55		
MW-4	2		—			~~18.33~~ 17.96	39.56		
MW-6	2					17.85	38.50		
MW-7	2					20.36	44.74		
MW-8	2					16.98	39.45		
MW-9	2					18.92	38.81		
MW-10	2					20.92	35.64		

BP WELL MONITORING DATA SHEET

Project #: 01227-MG1	Station # 1117
Sampler: MG	Date: 12/27/01
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 36.35	Depth to Water: 16.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / [X] Middleburg / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / [X] Disposable Bailer / Extraction Port / Other: _____

3.1	X	3	=	9.3 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1119	65.5	6.4	680	3.5	Odor, Clear
1123	65.9	6.5	683	7.0	
1127	65.8	6.6	699	9.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 9.5	
Sampling Time: 1130		Sampling Date: 12/27/01	
Sample I.D. (~~Blind~~): MW-1		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 #: 011227-MG1	Station # 1117
Sampler: MG	Date: 12/27/01
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 39.41	Depth to Water: 18.17
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

3.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 10.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1206	68.8	6.4	738	3.5	Strong Odor, Clear
1212	68.5	6.5	726	7.0	
1218	67.8	6.5	725	10.5	
					Sheen on Samples

Did well dewater? Yes (No) Gallons actually evacuated: 10.5

Sampling Time: 1221 Sampling Date: 12/27/01

Sample I.D. (~~Blind~~): MW-2 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 #: 011227-MG1	Station # 1111 7
Sampler: MG	Date: 12/27/01
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 39.56	Depth to Water: ~~18.33~~ 17.96
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 / X Disposable Bailer / Extraction Port / Other: ___

3.5	X	3	=	10.5 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1239	68.4	6.3	1051	4.0	Strong Odor, Gray, Sheen
1244	68.8	6.4	1059	8.0	
1249	68.8	6.3	1063	11.0	

Did well dewater? Yes (No) Gallons actually evacuated: 11

Sampling Time: 1253 Sampling Date: 12/27/01

Sample I.D. (Blind): MW-4 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 #: 011227-MG1	Station # 1117
Sampler: MG	Date: 12/27/01
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 38.50	Depth to Water: 17.85
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: _____

3.3	x	3	=	9.9 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1053	67.2	6.3	982	3.5	Sl. Cloudy
1057	67.6	6.4	1003	7.0	
1101	68.1	6.4	992	10.0	Clear

Did well dewater? Yes (No)		Gallons actually evacuated: 10	
Sampling Time: 1104		Sampling Date: 12/27/01	
Sample I.D. (~~Blind~~): MW-6		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 #: 011227-MG1	Station # 1111 7
Sampler: MG	Date: 12/27/01
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 44.74	Depth to Water: 20.36
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
3.9	X	3	=	11.7 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1029	69.3	7.0	760	4.0	Clear
1033	69.5	6.9	679	8.0	
1038	69.6	6.9	667	12.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 12	
Sampling Time: 1041		Sampling Date: 12/27/01	
Sample I.D. (~~Blind~~): MW-7		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 #: 011227-MG1	Station # 1111 7
Sampler: MG	Date: 12/27/01
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 35.64	Depth to Water: 20.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
2.4	X	3	=	7.2 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1141	69.1	6.6	1122	2.5	Lt. Brown
1144	69.9	6.7	1134	5.0	
1147	70.3	6.6	1130	7.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 7.5	
Sampling Time: 1151		Sampling Date: 12/27/01	
Sample I.D. (~~Blind~~): MW-10		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