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JUN 11 2002

June 7, 2002

Amir K. Gholami
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-8577

Re: **Second Quarter 2002 Groundwater Monitoring Report**
BP Oil Site No. 11107
18501 Hesperian Boulevard
San Lorenzo, California
Cambria Project No. 852-1512

Received 8/15/02

Dear Mr. Gholami:

On behalf of BP Oil Company, Cambria Environmental Technology, Inc. has prepared this *Second Quarter 2002 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 April 18, 2002.

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 west. During this monitoring event, benzene was reported at concentrations of 0.508 micrograms per liter (µg/L) and 0.542 µg/L in wells MW-4 and MW-5, respectively. Only well MW-5 reported more than 50 µg/L of methyl tert butyl ether (MTBE), with a concentration of 76 µg/L.

Benzene and MTBE concentration and water level trends in well MW-5 are shown in Figure 2. Analytical results below method reporting limits are plotted at one half the detection limit (open symbol). The generally decreasing concentration trends depicted in well MW-5 are consistent with a petroleum release undergoing natural attenuation.

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

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

REGISTERED GEOLOGIST
KHALED B. RAHMAN
No. 0261
CERTIFIED
HYDROGEOLOGIST
Exp. 7/31/03
STATE OF CALIFORNIA

Attachments

Figure 1 – Groundwater Elevation Contour Map
Figure 2 – Concentration and Water Level Trends – Well MW-5

Appendix A – Blaine Tech Services, Inc., 2nd Quarter 2002 Monitoring at 11107

cc: Scott Hooton, BP Oil Company, Environmental Resources Management, 295 SW 41st Street, Building 13, Suite N, Renton, Washington 98055-4931 (1 original)
Dave Camille, Tosco Marketing Company, 2000 Crow Canyon Place, Suite 400, San Ramon, California 95118-3686 (1 copy)

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FIGURES

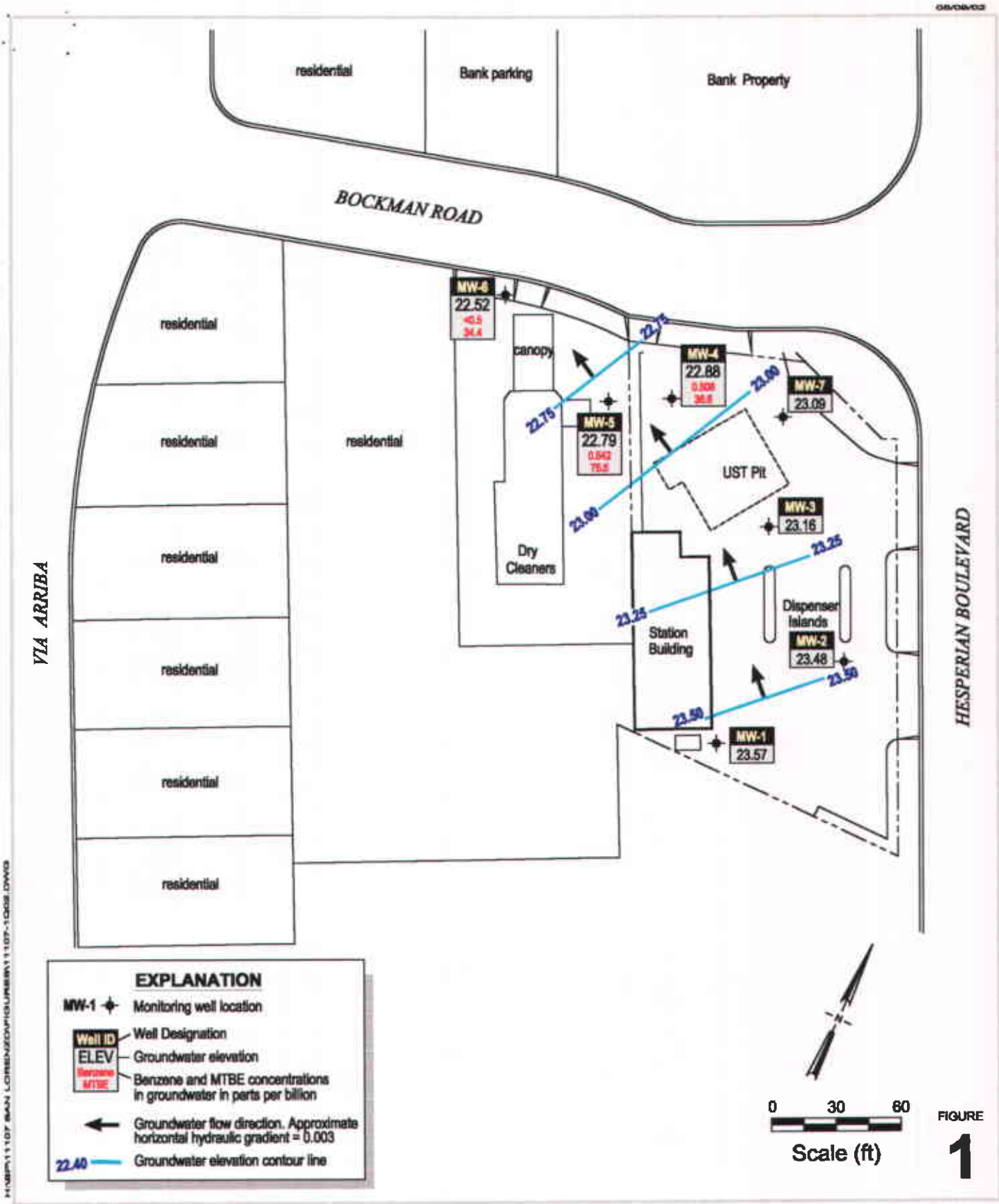

FIGURE
1

BP Oil Site No. 11107
18501 Hesperian Boulevard
San Lorenzo, California

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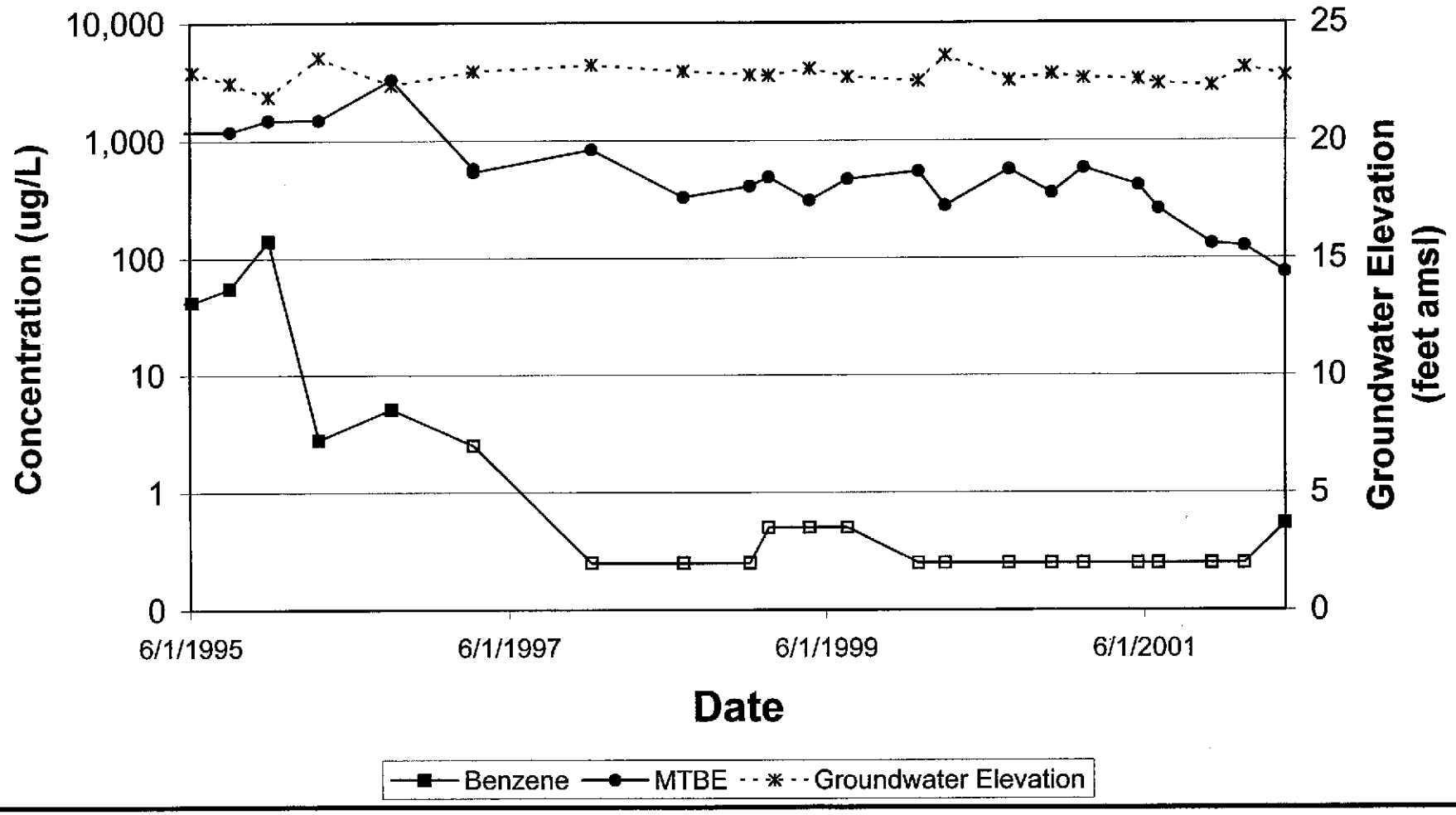
Groundwater Elevation Contour Map
April 18, 2002

Concentration and Water Level Trends
Well MW-5



BP Oil Site No. 11107
18501 Hesperian Boulevard
San Lorenzo, California

Cambria Environmental Technology, Inc.

Figure 2

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APPENDIX A

Blaine Tech Services, Inc.
2nd Quarter 2002 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

May 3, 2002

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

2nd Quarter 2002 Monitoring at 11107

Second Quarter 2002 Groundwater Monitoring
BP Service Station Number 11107
18501 Hesperian Boulevard
San Lorenzo, CA

Monitoring Performed on April 18, 2002

Groundwater Sampling Report **020418-DW-3**

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 Rahman
Cambria Environmental
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 Sampling

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (b) (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (ug/L)	1,1,1-TCA (ug/L)	PCE (ug/L)	DO (ppm)	LAB
MW-1	11/04/92	41.07	20.78	20.29	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(j)	ND<5000	2.8	ND	—	PACE
QC-1	(c) 11/04/92	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(j)	—	—	—	—	PACE
MW-1	02/24/94	41.07	20.70	20.37	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	ND<5000	1.5	0.9	—	PACE
MW-1	05/12/94	41.07	18.12	22.95	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	ND<5000	1.0	ND<0.5	7	PACE
MW-1	09/09/94	41.07	21.74	19.33	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	ND<5000	ND<0.5	ND<0.5	2.3	PACE
MW-1	11/03/94	41.07	20.01	21.06	ND<50	50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	ND<5000	ND<0.5	ND<0.5	4.3	PACE
MW-1	03/01/95	41.07	17.44	23.63	ND<50	ND<500	ND<50	ND<0.50	ND<0.50	ND<1.0	—		420	0.54	0.3	2.3	ATI
MW-1	06/06/95	41.07	17.55	23.52	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	09/01/95	41.07	18.19	22.88	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		60	—	—	8.8	ATI
MW-1	11/29/95	41.07	18.84	22.23	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	03/23/96	41.07	16.97	24.10	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	—	9.6	SPL
MW-1	09/05/96	41.07	17.74	23.33	110	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	—	3.6	SPL
MW-1	03/11/97	41.07	17.62	23.45	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	—	5.2	SPL
MW-1	12/08/97	41.07	16.30	24.77	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		—	—	—	—	—
MW-1	07/08/98	41.07	16.66	24.41	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	12/07/98	41.07	17.80	23.27	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	01/19/99	41.07	17.18	23.89	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	04/23/99	41.07	17.40	23.67	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	07/20/99	41.07	17.76	23.31	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	02/29/00	41.07	17.17	23.90	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	04/14/00	41.07	17.22	23.85	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	07/24/00	41.07	17.61	23.46	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	10/30/00	41.07	17.76	23.31	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	01/11/01	41.07	17.88	23.19	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	05/17/01	41.07	17.82	23.25	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	07/02/01	41.07	17.95	23.12	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	11/02/01	41.07	18.25	22.82	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	01/15/02	41.07	17.55	23.52	—	—	—	—	—	—	—		—	—	—	—	—
MW-1	04/18/02	41.07	17.50	23.57	—	—	—	—	—	—	—		—	—	—	—	—

Table 1 - Summary of Results of Groundwater Sampling

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (b) (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		TOG (ug/L)	1,1,1-TCA (ug/L)	PCE (ug/L)	DO (ppm)	LAB
MW-2	11/04/92	40.56	20.16	20.40	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(j)	---	---	---	---	PACE
MW-2	02/24/94	40.56	20.12	20.44	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	---	---	---	---	PACE
MW-2	05/12/94	40.56	17.49	23.07	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	---	---	---	7.4	PACE
MW-2	09/09/94	40.56	21.12	19.44	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	---	---	---	2.1	PACE
MW-2	11/03/94	40.56	19.36	21.20	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	---	---	---	4.2	PACE
MW-2	03/01/95	40.56	16.83	23.73	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---		---	---	---	2.2	ATI
MW-2	06/06/95	40.56	16.96	23.60	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	09/01/95	40.56	17.54	23.02	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		---	---	---	7.9	ATI
MW-2	11/29/95	40.56	18.19	22.37	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	03/23/96	40.56	16.35	24.21	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10		---	---	---	8.5	SPL
MW-2	09/05/96	40.56	17.55	23.01	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	---	3.2	SPL
MW-2	03/11/97	40.56	16.95	23.61	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	---	2.9	SPL
MW-2	12/08/97	40.56	16.01	24.55	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	---	3.0	SPL
MW-2	07/08/98	40.56	16.41	24.15	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	12/07/98	40.56	17.15	23.41	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	01/19/99	40.56	17.15	23.41	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	04/23/99	40.56	16.89	23.67	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	07/20/99	40.56	17.25	23.31	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	12/30/99	40.56	17.44	23.12	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	02/29/00	40.56	16.13	24.43	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	04/14/00	40.56	16.88	23.68	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	07/24/00	40.56	17.11	23.45	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	10/30/00	40.56	17.12	23.44	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	01/11/01	40.56	17.28	23.28	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	05/17/01	40.56	17.20	23.36	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	07/02/01	40.56	17.45	23.11	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	11/02/01	40.56	17.62	22.94	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	01/15/02	40.56	16.72	23.84	---	---	---	---	---	---	---		---	---	---	---	---
MW-2	04/18/02	40.56	17.08	23.48	---	---	---	---	---	---	---		---	---	---	---	---

Table 1 - Summary of Results of Groundwater Sampling

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (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)	1,1,1-TCA (ug/L)	PCE (ug/L)	DO (ppm)	LAB
MW-3	11/04/92	40.45	20.23	20.22	760	---	3.7	15	1.9	57	---	(j)	---	---	---	---	PACE
MW-3	02/24/94	40.45	20.24	20.21	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	30.66	(j)	---	---	---	---	PACE
MW-3	05/12/94	40.45	17.61	22.84	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.11	(j)	---	---	---	7.3	PACE
MW-3	09/09/94	40.45	21.22	19.23	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(j)	---	---	---	2	PACE
MW-3	11/03/94	40.45	19.48	20.97	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10.98	(j)	---	---	---	3.6	PACE
MW-3	03/01/95	40.45	17.08	23.37	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---		---	---	---	1.9	ATI
MW-3	06/06/95	40.45	17.21	23.24	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	09/01/95	40.45	17.69	22.76	200	---	2.7	33	7.2	43	ND<5.0		---	---	---	7.8	ATI
MW-3	09/01/95	40.45	18.29	22.16	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	03/23/96	40.45	16.59	23.86	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10		---	---	---	7.3	SPL
MW-3	09/05/96	40.45	17.71	22.74	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	---	3.2	SPL
MW-3	03/11/97	40.45	17.17	23.28	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	---	1.5	SPL
MW-3	12/08/97	40.45	16.12	24.33	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	---	---	1.9	SPL
MW-3	07/08/98	40.45	16.40	24.05	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	12/07/98	40.45	17.32	23.13	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	01/19/99	40.45	17.30	23.15	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	04/23/99	40.45	17.07	23.38	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	07/20/99	40.45	17.47	22.98	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	12/30/99	40.45	17.60	22.85	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	02/29/00	40.45	16.43	24.02	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	04/14/00	40.45	17.09	23.36	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	07/24/00	40.45	17.44	23.01	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	10/30/00	40.45	17.29	23.16	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	01/11/01	40.45	17.49	22.96	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	05/17/01	40.45	17.45	23.00	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	07/02/01	40.45	17.70	22.75	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	11/02/01	40.45	17.82	22.63	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	01/15/02	40.45	16.93	23.52	---	---	---	---	---	---	---		---	---	---	---	---
MW-3	04/18/02	40.45	17.29	23.16	---	---	---	---	---	---	---		---	---	---	---	---

Table 1 - Summary of Results of Groundwater Sampling

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (b) (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	1,1,1-TCA (ug/L)	PCE (ug/L)	DO (ppm)	LAB
MW-4	11/04/92	39.24	19.18	20.06	900	—	150	4.1	0.8	53	— (j)	—	—	—	—	PACE
MW-4	02/24/94	39.24	19.22	20.02	240	—	110	3.8	1.8	11	1433 (d)(j)	—	—	—	—	PACE
QC-1	(c) 02/24/94	—	—	—	310	—	95	5.3	2.2	17	1479 (d)(j)	—	—	—	—	PACE
MW-4	05/12/94	39.24	16.62	22.62	ND<50	—	2.2	1.0	ND<0.5	ND<0.5	862 (d)(j)	—	—	—	7.3	PACE
QC-1	(c) 05/12/94	—	—	—	430	—	2.6	1.3	ND<0.5	ND<0.5	912 (d)(j)	—	—	—	—	PACE
MW-4	09/09/94	39.24	20.27	18.97	240	—	9.1	1.3	0.6	2.5	397 (j)	—	—	—	2.2	PACE
QC-1	(c) 09/09/94	—	—	—	57	—	1.7	ND<0.5	ND<0.5	0.5	83 (j)	—	—	—	—	PACE
MW-4	11/03/94	39.24	18.46	20.78	250	—	3.1	2.8	1.0	3.3	319 (j)	—	—	—	3.2	PACE
QC-1	(c) 11/03/94	—	—	—	110	—	2.4	ND<0.5	ND<0.5	ND<0.5	642 (j)	—	—	—	—	PACE
MW-4	03/01/95	39.24	16.15	23.09	8900	—	1800	26	450	400	—	—	—	—	2.0	ATI
QC-1	(c) 03/01/95	—	—	—	7600	—	1700	25	410	370	—	—	—	—	—	ATI
MW-4	06/06/95	39.24	16.28	22.96	3100	—	(e) 530	25	170	85	—	—	—	—	—	ATI
QC-1	(c) 06/06/95	—	—	—	3000	—	530	27	170	92	—	—	—	—	—	ATI
MW-4	(f) 09/01/95	39.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	11/29/95	39.24	17.31	21.93	ND<50	—	1.8	ND<0.50	ND<0.50	ND<1.0	440	—	—	—	3.2	ATI
QC-1	(c) 11/29/95	—	—	—	ND<50	—	1.5	ND<0.50	ND<0.50	ND<1.0	490	—	—	—	—	ATI
MW-4	03/23/96	39.24	15.74	23.50	2700	—	480	ND<25	180	176	13000	—	—	—	7.8	SPL
MW-4	09/05/96	39.24	16.75	22.49	1100	—	ND<12	ND<25	ND<25	ND<25	3200	—	—	—	4.0	SPL
MW-4	03/11/97	39.24	16.10	23.14	2400	—	46	ND<10	66	106	3400	—	—	—	4.0	SPL
MW-4	12/08/97	39.24	15.96	23.28	590	—	11	ND<1.0	ND<1.0	ND<1.0	1200	—	—	—	4.4	SPL
QC-1	(c) 12/08/97	—	—	—	620	—	11	ND<1.0	ND<1.0	ND<1.0	1100	—	—	—	—	SPL
MW-4	07/08/98	39.24	16.28	22.96	1700	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	1200	—	—	—	3.9	SPL
QC-1	(c) 07/08/98	—	—	—	1600	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	1100	—	—	—	—	SPL
MW-4	12/07/98	39.24	16.47	22.77	530	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	680/910 (h)	—	—	—	—	SPL
MW-4	01/19/99	39.24	16.40	22.84	570	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	660	—	—	—	—	SPL
MW-4	04/23/99	39.24	16.17	23.07	ND<50	—	ND<1.0	ND<1.0	1.8	1.3	1100/810 (h)	—	—	—	—	SPL
MW-4	07/20/99	39.24	16.39	22.85	ND<50	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	480	—	—	—	—	SPL
MW-4	12/30/99	39.24	16.56	22.68	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	410	—	—	—	—	PACE
MW-4	02/29/00	39.24	15.69	23.55	78 (i)	—	2.0	ND<0.5	0.77	2.8	1200	—	—	—	—	PACE
MW-4	04/14/00	39.24	16.21	23.03	300	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	800	—	—	—	—	PACE
MW-4	07/24/00	39.24	16.50	22.74	130	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	270	—	—	—	—	PACE
MW-4	10/30/00	39.24	16.35	22.89	73	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	210	—	—	—	—	PACE
MW-4	01/11/01	39.24	16.46	22.78	120	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	176	—	—	—	—	PACE
MW-4	05/17/01	39.24	16.40	22.84	99	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	119	—	—	—	—	PACE
MW-4	07/02/01	39.24	16.75	22.49	63	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	87.6	—	—	—	—	PACE
MW-4	11/02/01	39.24	16.80	22.44	56	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	49.6	—	—	—	—	PACE
MW-4	01/15/02	39.24	16.10	23.14	63	—	ND<0.5	ND<0.5	ND<0.5	ND<1.0	45	—	—	—	—	PACE
MW-4	04/18/02	39.24	16.36	22.88	63	—	0.508	ND<0.5	0.727	1.3	36.6	—	—	—	—	PACE

Table 1 - Summary of Results of Groundwater Sampling

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (b) (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	1,1,1-TCA (ug/L)	PCE (ug/L)	DO (ppm)	LAB
MW-5	06/06/95	39.07	16.16	22.91	1100	—	(e) 42	ND<2.5	15	4.0	—	—	—	—	—	ATI
MW-5	09/01/95	39.07	16.63	22.44	1600	—	55	ND<2.5	15	8.0	1200	—	—	—	7.4	ATI
QC-1	(c) 09/01/95	—	—	—	1200	—	64	ND<2.5	14	3.1	—	—	—	—	—	ATI
MW-5	11/29/95	39.07	17.19	21.88	2300	—	140	4.0	36	11	1500	—	—	—	4.1	ATI
MW-5	03/23/96	39.07	15.54	23.53	90	—	2.8	ND<1	ND<1	ND<1	1500	—	—	—	7.5	SPL
MW-5	09/05/96	39.07	16.72	22.35	2300	—	5.1	ND<1.0	ND<1.0	ND<1.0	3300	—	—	—	3.2	SPL
QC-1	(c) 09/05/96	—	—	—	2000	—	4.9	ND<1.0	ND<1.0	ND<1.0	2900	—	—	—	—	SPL
MW-5	03/11/97	39.07	16.12	22.95	470	—	ND<5.0	ND<5.0	ND<5.0	ND<5.0	580	—	—	—	3.0	SPL
QC-1	(c) 03/11/97	—	—	—	460	—	ND<5.0	ND<5.0	ND<5.0	ND<5.0	540	—	—	—	—	SPL
MW-5	12/08/97	39.07	15.85	23.22	370	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	840	—	—	—	3.0	SPL
MW-5	07/08/98	39.07	16.11	22.96	430	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	330	—	—	—	2.5	SPL
MW-5	12/07/98	39.07	16.27	22.80	220	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	290/410 (h)	—	—	—	—	SPL
MW-5	01/19/99	39.07	16.31	22.76	490	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	490/440 (h)	—	—	—	—	SPL
MW-5	04/23/99	39.07	16.00	23.07	ND<50	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	310/210 (h)	—	—	—	—	SPL
MW-5	07/20/99	39.07	16.36	22.71	ND<50	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	470	—	—	—	—	SPL
MW-5	12/30/99	39.07	16.53	22.54	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	550	—	—	—	—	PACE
MW-5	02/29/00	39.07	15.45	23.62	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	280	—	—	—	—	PACE
MW-5	04/14/00	39.07	16.10	22.97	81	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	240	—	—	—	—	PACE
MW-5	07/24/00	39.07	16.50	22.57	250	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	570	—	—	—	—	PACE
MW-5	10/30/00	39.07	16.23	22.84	140	—	ND<0.5	0.7	ND<0.5	1.1	360	—	—	—	—	PACE
MW-5	01/11/01	39.07	16.41	22.66	420	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	585	—	—	—	—	PACE
MW-5	05/17/01	39.07	16.45	22.62	360	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	419	—	—	—	—	PACE
MW-5	07/02/01	39.07	16.65	22.42	210	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	264	—	—	—	—	PACE
MW-5	11/02/01	39.07	16.73	22.34	130	—	ND<0.5	ND<0.5	ND<0.5	ND<1.5	134	—	—	—	—	PACE
MW-5	01/15/02	39.07	15.96	23.11	140	—	ND<0.5	ND<0.5	ND<0.5	ND<1.0	128	—	—	—	—	PACE
MW-5	04/18/02	39.07	16.28	22.79	140	—	0.542	ND<0.5	0.695	1.27	75.6	—	—	—	—	PACE

Table 1 - Summary of Results of Groundwater Sampling

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (b) (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	1,1,1-TCA (ug/L)	PCE (ug/L)	DO (ppm)	LAB
MW-6	03/01/95	38.46	15.66	22.80	270	---	11	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	1.6	ATI
MW-6	06/06/95	38.46	15.82	22.64	220	---	(e) 2.3	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	---	ATI
MW-6	09/01/95	38.46	16.25	22.21	780	---	ND<2.5	ND<2.5	ND<2.5	ND<5.0	2800	---	---	---	7.5	ATI
MW-6	11/29/95	38.46	16.80	21.66	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1100	---	---	---	3.9	ATI
MW-6	03/23/96	38.46	15.27	23.19	50	---	ND<0.5	ND<1	ND<1	ND<1	910	---	---	---	8.0	SPL
MW-6	09/05/96	38.46	16.30	22.16	4400	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	7400	---	---	---	3.0	SPL
MW-6	03/11/97	38.46	15.75	22.71	1100	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2000	---	---	---	3.1	SPL
MW-6	12/08/97	38.46	15.51	22.95	150	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	140	---	---	---	3.4	SPL
MW-6	07/08/98	38.46	15.78	22.68	370	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	250	---	---	---	3.6	SPL
MW-6	12/07/98	38.46	15.95	22.51	440	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	630/820 (h)	---	---	---	---	---
MW-6	01/19/99	38.46	15.97	22.49	950	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	950/810 (h)	---	---	---	---	SPL
MW-6	04/23/99	38.46	15.74	22.72	ND<50	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	310/220 (h)	---	---	---	---	SPL
MW-6	07/20/99	38.46	16.12	22.34	ND<50	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1300	---	---	---	---	SPL
MW-6	12/30/99	38.46	16.16	22.30	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	360	---	---	---	---	PACE
MW-6	02/29/00	38.46	15.08	23.38	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	340	---	---	---	---	PACE
MW-6	04/14/00	38.46	15.82	22.64	90	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	220	---	---	---	---	PACE
MW-6	07/24/00	38.46	16.03	22.43	240	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	540	---	---	---	---	PACE
MW-6	10/30/00	38.46	15.83	22.63	120	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	380	---	---	---	---	PACE
MW-6	01/11/01	38.46	16.00	22.46	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.69	---	---	---	---	PACE
MW-6	05/17/01	38.46	16.05	22.41	140	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	169	---	---	---	---	PACE
MW-6	07/02/01	38.46	16.27	22.19	70	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	91.4	---	---	---	---	PACE
MW-6	11/02/01	38.46	16.31	22.15	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	32.3	---	---	---	---	PACE
MW-6	01/15/02	38.46	15.65	22.81	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	3.6	---	---	---	---	PACE
MW-6	04/18/02	38.46	15.94	22.52	58	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	34.4	---	---	---	---	PACE

Table 1 - Summary of Results of Groundwater Sampling

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (b) (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	1,1,1-TCA (ug/L)	PCE (ug/L)	DO (ppm)	LAB
MW-7	03/01/95	39.50	16.21	23.29	1400	---	14	ND<1.0	14	27	---	---	---	---	1.8	ATI
MW-7	06/06/95	39.50	16.34	23.16	540	---	(e) 5.5	ND<0.50	15	1.1	---	---	---	---	---	ATI
MW-7	09/01/95	39.50	16.74	22.76	190	---	2.8	ND<0.50	5.0	ND<1.0	10	---	---	---	7.5	ATI
MW-7	11/29/95	39.50	17.33	22.17	230	---	31	ND<0.50	3.8	1.9	ND<5.0	---	---	---	4.6	ATI
MW-7	03/23/96	39.50	15.86	23.64	ND<50	---	5.0	ND<1	ND<1	ND<1	330	---	---	---	7.2	SPL
QC-1	(c) 03/23/96	---	---	---	60	---	7.6	ND<1	ND<1	ND<1	360	---	---	---	---	SPL
MW-7	09/05/96	39.50	16.80	22.70	200	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	430	---	---	---	3.1	SPL
MW-7	03/11/97	39.50	18.32	21.18	120	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	140	---	---	---	4.7	SPL
MW-7	12/08/97	39.50	16.02	23.48	240	---	0.8	ND<1.0	ND<1.0	ND<1.0	200	---	---	---	5.2	SPL
MW-7	07/08/98	39.50	16.32	23.18	270	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	170	---	---	---	4.8	SPL
MW-7	12/07/98	39.50	16.43	23.07	100	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	120	---	---	---	---	SPL
MW-7	01/19/99	39.50	16.41	23.09	80	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	80	---	---	---	---	SPL
MW-7	04/23/99	39.50	16.21	23.29	ND<50	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	20	---	---	---	---	SPL
MW-7	07/20/99	39.50	16.54	22.96	ND<50	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	24	---	---	---	---	SPL
MW-7	12/30/99	39.50	16.65	22.85	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	---	---	---	---	PACE
MW-7	02/29/00	39.50	15.71	23.79	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.0	---	---	---	---	PACE
MW-7	04/14/00	39.50	16.25	23.25	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.0	---	---	---	---	PACE
MW-7	07/24/00	39.50	16.63	22.87	ND<50	---	1.1	0.5	ND<0.5	ND<0.5	3.1	---	---	---	---	PACE
MW-7	10/30/00	39.50	16.35	23.15	ND<50	---	ND<0.5	ND<0.5	ND<0.5	1.1	ND<0.5	---	---	---	---	PACE
MW-7	01/11/01	39.50	16.52	22.98	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	PACE
MW-7	05/17/01	39.50	16.58	22.92	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	---	---	---	---	PACE
MW-7	07/02/01	39.50	16.75	22.75	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	0.581	---	---	---	---	PACE
MW-7	11/02/01	39.50	16.89	22.61	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	01/15/02	39.50	16.16	23.34	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	04/18/02	39.50	16.41	23.09	---	---	---	---	---	---	---	---	---	---	---	---
QC-2	(g) 11/04/92	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--- (j)	---	---	---	---	PACE
QC-2	(g) 11/04/92	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--- (j)	---	---	---	---	PACE
QC-2	(g) 02/24/94	---	---	---	---	---	---	---	---	---	ND<5.0 (j)	---	---	---	---	PACE
QC-2	(g) 03/01/95	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	---	---	---	---	---	PACE
QC-2	(g) 05/12/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 (j)	---	---	---	---	PACE
QC-2	(g) 09/09/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 (j)	---	---	---	---	PACE
QC-2	(g) 11/03/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 (j)	---	---	---	---	PACE
QC-2	(g) 06/06/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	---	ATI
QC-2	(g) 09/01/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	---	---	ATI
QC-2	(g) 11/29/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	---	---	ATI
QC-2	(g) 03/23/96	---	---	---	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	---	---	SPL

Table 1 - Summary of Results of Groundwater Sampling

ADDITIONAL ANALYSES

WELL ID	DATE OF SAMPLING/ MONITORING	1,2-DCA by 8010 (ug/L)	EDB by 8010 (ug/L)	1,2-DCA by 8260 (ug/L)	EDB by 8260 (ug/L)	MTBE by 8260 (ug/L)	DIPE by 8260 (ug/L)	ETBE by 8260 (ug/L)	TBA by 8260 (ug/L)	TAME by 8260 (ug/L)	LAB
MW-4	07/20/99	ND<1.0	ND<1.0	ND<1.0	ND<1.0	590	ND<10	ND<5.0	ND<500	ND<5.0	SPL
MW-4	12/30/99	---	---	ND<5.0	ND<5.0	280	ND<5.0	ND<5.0	---	ND<5.0	PACE
MW-4	02/29/00	---	---	ND<20	ND<20	870	ND<20	ND<20	---	ND<20	PACE
MW-4	04/14/00	---	---	ND<10	ND<10	730	ND<10	ND<10	---	ND<10	PACE
MW-4	07/24/00	---	---	ND<1.0	ND<1.0	390	ND<5.0	ND<5.0	ND<50	ND<5.0	PACE
MW-4	10/30/00	---	---	ND<5.0	ND<5.0	160	ND<5.0	ND<5.0	ND<50	ND<5.0	PACE
MW-4	01/11/01	---	---	ND<1.0	ND<1.0	170	ND<1.0	ND<1.0	ND<10	ND<1.0	PACE
MW-4	05/17/01	---	---	ND<1.0	ND<1.0	91	ND<1.0	ND<1.0	ND<10	ND<1.0	PACE
MW-4	07/02/01	---	---	ND<1.0	ND<1.0	66	ND<1.0	ND<1.0	ND<10	ND<1.0	PACE
MW-5	07/20/99	---	---	---	---	490	ND<10	ND<10	ND<500	ND<10	SPL
MW-5	12/30/99	---	---	---	---	470	ND<10	ND<10	---	ND<10	PACE
MW-5	02/29/00	---	---	ND<5.0	ND<5.0	190	ND<5.0	ND<5.0	---	ND<5.0	PACE
MW-5	04/14/00	---	---	---	---	200	ND<5.0	ND<5.0	---	ND<5.0	PACE
MW-5	07/24/00	---	---	---	---	630	ND<5.0	ND<5.0	ND<50	ND<5.0	PACE
MW-5	10/30/00	---	---	---	---	260	ND<10	ND<10	ND<100	ND<10	PACE
MW-5	01/11/01	---	---	ND<1.0	ND<1.0	540	ND<1.0	ND<1.0	110	ND<1.0	PACE
MW-5	05/17/01	---	---	---	---	320	ND<1.0	ND<1.0	31	ND<1.0	PACE
MW-5	07/02/01	---	---	---	---	290	ND<1.0	ND<1.0	ND<10	ND<1.0	PACE
MW-6	07/20/99	---	---	---	---	1400	ND<10	ND<10	ND<500	ND<10	SPL
MW-6	12/30/99	---	---	---	---	300	ND<5.0	ND<5.0	---	ND<5.0	PACE
MW-6	02/29/00	---	---	ND<5.0	ND<5.0	240	ND<5.0	ND<5.0	---	ND<5.0	PACE
MW-6	04/14/00	---	---	---	---	200	ND<5.0	ND<5.0	---	ND<5.0	PACE
MW-6	07/24/00	---	---	---	---	600	ND<5.0	ND<5.0	62	ND<5.0	PACE
MW-6	10/30/00	---	---	---	---	260	ND<10	ND<10	ND<100	ND<10	PACE
MW-6	01/11/01	---	---	---	---	2.4	ND<1.0	ND<1.0	ND<10	ND<1.0	PACE
MW-6	05/17/01	---	---	---	---	130	ND<1.0	ND<1.0	ND<10	ND<1.0	PACE
MW-6	07/02/01	---	---	---	---	80	ND<1.0	ND<1.0	ND<10	ND<1.0	PACE

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
1,1,1-TCA	1,1,1-Trichloroethane
PCE	Tetrachloroethene
1,2-DCA	1,2-Dichloroethane
EDB	1,2-Bibromoethane
DIPE	Di-isopropyl Ether
ETBE	tert-Butyl Ethyl Ether
TBA	t-Butyl Alcohol
TAME	tert-Amyl Methyl Ether
DO	Dissolved oxygen
ug/L	Micrograms per liter
ppm	Parts per million
ND	Not detected above reported detection limit
---	Not measured/analyzed/applicable
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 39.95 feet above mean sea level.

(b) Groundwater elevations in feet above mean sea level.

(c) Blind duplicate.

(d) A copy of the documentation for this data is included in Appendix C of Alisto report 10-060-07-001.

(e) MTBE peak present. See documentation in Appendix C of Alisto report 10-060-07-001.

(f) Well inaccessible.

(g) Travel blank.

(h) MTBE by 8020/8260.

(i) Gasoline does not include MTBE.

(j) A copy of the documentation for this data is included in Blaine Tech Services report 010517-C-4. The MTBE data for the October 22 and 23, 1992 and November 4, 1992 sampling events have been destroyed.

Analytical Appendix

Pace Analytical™
www.pacelabs.com

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Phone: 281.488.1810
Fax: 281.488.4661

April 26, 2002

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

RE: Lab Project Number: 8527123
Client Project ID: Blain Tech. Site 11107

Dear Ms. Magyar:

Enclosed are the analytical results for sample(s) received by the laboratory on April 23, 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

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

Lab Project Number: 8527123
Client Project ID: Blain Tech. Site 11107

Attn: Ms. Cindy Magyar
Phone:

Lab Sample No: 851749182 Project Sample Number: 8527123-001 Date Collected: 04/18/02 16:06
Client Sample ID: MW-4 Matrix: Water Date Received: 04/23/02 09:00

Parameters	Results	Units	Report Limit	Dilution	Analyzed	by	CAS No.	Ftnote	Reg Limit
GC Volatiles									
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified								
Gasoline Range Organics	63.	ug/l	50.	1.0	04/25/02 12:44	WRIC			
1,4-Difluorobenzene (S)	80	%		1.0	04/25/02 12:44	WRIC			
4-Bromofluorobenzene (S)	92	%		1.0	04/25/02 12:44	WRIC	460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021								
Benzene	0.508	ug/l	0.500	1.0	04/25/02 12:44	WRIC	71-43-2		
Ethylbenzene	0.727	ug/l	0.500	1.0	04/25/02 12:44	WRIC	100-41-4		
Toluene	ND	ug/l	0.500	1.0	04/25/02 12:44	WRIC	108-88-3		
Xylene (Total)	1.30	ug/l	1.00	1.0	04/25/02 12:44	WRIC	1330-20-7		
Methyl-tert-butyl ether	36.6	ug/l	0.500	1.0	04/25/02 12:44	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	100	%		1.0	04/25/02 12:44	WRIC			
4-Bromofluorobenzene (S)	95	%		1.0	04/25/02 12:44	WRIC	460-00-4		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8527123
Client Project ID: Blain Tech. Site 11107

Lab Sample No: 851749183 Project Sample Number: 8527123-002 Date Collected: 04/18/02 16:50
Client Sample ID: MW-5 Matrix: Water Date Received: 04/23/02 09:00

Parameters	Results	Units	Report Limit	Dilution	Analyzed	by	CAS No.	Ftnote	Reg Limit
GC Volatiles									
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified								
Gasoline Range Organics	140	ug/l	50.	1.0	04/25/02 13:20	WRIC			
1,4-Difluorobenzene (S)	83	%		1.0	04/25/02 13:20	WRIC			
4-Bromofluorobenzene (S)	84	%		1.0	04/25/02 13:20	WRIC	460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021								
Benzene	0.542	ug/l	0.500	1.0	04/25/02 13:20	WRIC	71-43-2		
Ethylbenzene	0.695	ug/l	0.500	1.0	04/25/02 13:20	WRIC	100-41-4		
Toluene	ND	ug/l	0.500	1.0	04/25/02 13:20	WRIC	108-88-3		
Xylene (Total)	1.27	ug/l	1.00	1.0	04/25/02 13:20	WRIC	1330-20-7		
Methyl-tert-butyl ether	75.6	ug/l	0.500	1.0	04/25/02 13:20	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	105	%		1.0	04/25/02 13:20	WRIC			
4-Bromofluorobenzene (S)	86	%		1.0	04/25/02 13:20	WRIC	460-00-4		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8527123
Client Project ID: Blain Tech. Site 11107

Lab Sample No: 851749184 Project Sample Number: 8527123-003 Date Collected: 04/18/02 16:29
Client Sample ID: MW-6 Matrix: Water Date Received: 04/23/02 09:00

Parameters	Results	Units	Report Limit	Dilution	Analyzed	by	CAS No.	Ftnote	Reg Limi
GC Volatiles									
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified								
Gasoline Range Organics	58.	ug/l	50.	1.0	04/25/02 13:40	WRIC			
1,4-Difluorobenzene (S)	80	%		1.0	04/25/02 13:40	WRIC			
4-Bromofluorobenzene (S)	95	%		1.0	04/25/02 13:40	WRIC	460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical method / EPA 8021								
Benzene	ND	ug/l	0.500	1.0	04/25/02 13:40	WRIC	71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	04/25/02 13:40	WRIC	100-41-4		
Toluene	ND	ug/l	0.500	1.0	04/25/02 13:40	WRIC	108-88-3		
Xylene (Total)	ND	ug/l	1.00	1.0	04/25/02 13:40	WRIC	1330-20-7		
Methyl-tert-butyl ether	34.4	ug/l	0.500	1.0	04/25/02 13:40	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	104	%		1.0	04/25/02 13:40	WRIC			
4-Bromofluorobenzene (S)	97	%		1.0	04/25/02 13:40	WRIC	460-00-4		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8527123
Client Project ID: Blain Tech. Site 11107

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: 8527123
Client Project ID: Blain Tech. Site 11107

QC Batch: 68313 Analysis Method: EPA 8021
QC Batch Method: See analytical method Analysis Description: SW8021 Aromatics, Water
Associated Lab Samples: 851749182 851749183 851749184

METHOD BLANK: 851749536
Associated Lab Samples: 851749182 851749183 851749184

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	1.50	
Methyl-tert-butyl ether	ug/l	ND	0.500	
1,4-Difluorobenzene (S)	%	99		
4-Bromofluorobenzene (S)	%	95		

LABORATORY CONTROL SAMPLE: 851749537

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Benzene	ug/l	50	49.99	100	
Ethylbenzene	ug/l	50	50.42	101	
Toluene	ug/l	50	49.70	99	
Xylene (Total)	ug/l	100	100.3	100	
Methyl-tert-butyl ether	ug/l	50	53.03	106	
1,4-Difluorobenzene (S)				100	
4-Bromofluorobenzene (S)				98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851749538 851749539

Parameter	Units	851749182 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Benzene	ug/l	0.5084	50.00	48.02	47.47	95	94	1	
Ethylbenzene	ug/l	0.7270	50.00	49.22	48.65	97	96	1	
Toluene	ug/l	0	50.00	47.57	46.88	95	94	1	
Xylene (Total)	ug/l	1.305	100.00	97.77	96.42	96	95	1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 8527123
Client Project ID: Blain Tech. Site 11107

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851749538 851749539

Parameter	Units	851749182 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Methyl-tert-butyl ether	ug/l	36.55	50.00	82.99	83.19	93	93	0	
1,4-Difluorobenzene (S)						101	100		
4-Bromofluorobenzene (S)						98	98		

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QUALITY CONTROL DATA

Lab Project Number: 8527123
Client Project ID: Blain Tech. Site 11107

QC Batch: 68314 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 8015 Modified Analysis Description: GAS by Mod 8015, Water
Associated Lab Samples: 851749182 851749183 851749184

METHOD BLANK: 851749540
Associated Lab Samples: 851749182 851749183 851749184

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Gasoline Range Organics	ug/l	ND	50.	
1,4-Difluorobenzene (S)	%	81		
4-Bromofluorobenzene (S)	%	92		

LABORATORY CONTROL SAMPLE: 851749541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Gasoline Range Organics	ug/l	1000	1024	102	
1,4-Difluorobenzene (S)				98	
4-Bromofluorobenzene (S)				101	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851749542 851749543

Parameter	Units	851749182 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Gasoline Range Organics	ug/l	62.72	1000.00	1037	1042	97	98	0	
1,4-Difluorobenzene (S)						95	97		
4-Bromofluorobenzene (S)						99	99		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8527123
Client Project ID: Blain Tech. Site 11107

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

8527123

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 / GLOBAL ID	BP SITE / FACILITY ADDRESS		CONSULTANT PROJECT NUMBER
11107 / T0600101665	18501 Hesperian, San Lorenzo		020418-DW-3
CONSULTANT PROJECT MANAGER	PHONE NUMBER	FAX NUMBER	CONSULTANT CONTRACT NUMBER
Cindy Magyar	(408) 573-0555 x 221	(408) 573-7771	J966567
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 (8020) (8015M)	TPH-D (8015M)	FUEL OXYGENATES (8260)	1,2 DCA + EDB (8010)						COMMENTS
MW-4	4-18	16:06	W	3	40ml VOA		X									8517491825
MW-5	↓	16:50	↓	↓	↓		X									83
MW-6	↓	16:29	↓	↓	↓		X									84

SAMPLED BY (Please Print Name): Dave Walter

SAMPLED BY (Signature): David C Walter

ADDITIONAL COMMENTS: 1.7°C

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
Ken Shih	4/22/02	1246	AIRBORNE EXPRESS	4/22/02	1246
AIRBORNE			Dana McKinney/Pace	4/23/02	0900

Field
Data
Sheets

WELL GAUGING DATA

Project # 020418-ow-3 Date 7-18-02 Client BP 11107

Site 18501 Hesperian Blvd San Lorenzo

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					17.56	30.41		
mw-2						17.08	24.77		
mw-3						17.29	24.83		
mw-4						16.36	25.00		
mw-5						16.78	22.37		
mw-6						15.94	24.90		
mw-7						16.41	24.26		

BP WELL MONITORING DATA SHEET

Project #: 020418-DW-3	Station # BP 11107
Sampler: Dave Walter	Date: 4-18-02
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 25.00	Depth to Water: 16.36
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:
- (X) Bailer
- Disposable Bailer
- Extraction Port
- Other: ___

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
15:51	64.9	6.9	879	1.4	cloudy
15:56	65.5	7.1	842	2.8	
16:01	64.7	7.4	829	4.2	

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

Sampling Time: 16:06 Sampling Date: 4-18-02

Sample I.D.: 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 #: 020418-DW-3	Station # BP 11107
Sampler: Dave Walter	Date: 4-18-02
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 22.37	Depth to Water: 16.28
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: (X) Bailer / Disposable Bailer / Extraction Port / Other: ___

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
16:41	64.1	7.2	814	1.0	cloudy
16:43	64.5	7.0	804	2.0	"
16:45	64.0	7.0	794	3.0	

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

Sampling Time: 16:50 Sampling Date: 4-18-02

Sample I.D.: MW-5 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 #: 020418-DW-3	Station # BP 11107
Sampler: Dave Walter	Date: 4-18-02
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 24.90	Depth to Water: 15.94
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: (X) Bailer / Disposable Bailer / Extraction Port / Other: ____

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
16:20	65.0	7.3	834	1.4	cloudy
16:22	65.0	7.0	834	2.8	
16:24	64.4	7.0	829	4.2	Brownish

Did well dewater? Yes (No)		Gallons actually evacuated: 4.2		
Sampling Time: 16:29		Sampling Date: 4-18-02		
Sample I.D.: 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

BLAINE
TECH SERVICES

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
(408) 573-0555 PHONE

WELLHEAD INSPECTION CHECKLIST

Client BP 11107

Site Address 18501 Hesperian Blvd San Lorenzo

Technician Dave Walter

Date 4-18-02

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

[X] Check box if no deficiencies were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken

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

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected