bp

Why isn't Rec-1 sampled-Dave for Pb ND
Need dissolved Pb and tetraethyl lead analysis Dave

Scott T. Hooton
Portfolio Manager

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

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

May 11, 2001

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

MAY 2 2 2001

Re: Former BP Oil Site No. 11266
1841 Park Street
Alameda, CA

Direct: 425/251-0689
Cell: 206/335-0689
hootonst@bp.com
www.bp.com

Dear Ms. Chu:

Enclosed please find 26 April 2001 *First Quarter 2001 Groundwater Monitoring* report prepared by Blaine Tech Services on behalf of BP. The report summarizes groundwater monitoring and sampling data obtained since 1988, including results associated with the samples recently collected on 21 March 2001.

Upon review of the results reported this quarter, you will note that aromatic petroleum hydrocarbons were detected in samples obtained from there of the monitoring wells. The highest benzene concentration (28.6 µg/l) is associated with well MW-1. MTBE was detected in samples obtained from MW-1 (15.2 µg/l), MW-2 (341 µg/l) and MW-3 (572 µg/l).

Please contact me at (425) 251-0689 if you have questions about this site.

Sincerely,

Scott Hooton

Attachment

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

BLAINE
TECH SERVICES inc

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

April 26, 2001

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

1st Quarter 2001 Monitoring at 11266

First Quarter 2001 Groundwater Monitoring
BP Service Station Number 11266
1541 Park Street
Alameda, CA

Monitoring Performed on March 21, 2001

Groundwater Sampling Report **010321-A-2**

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

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

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

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

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

Please call if you have any questions.

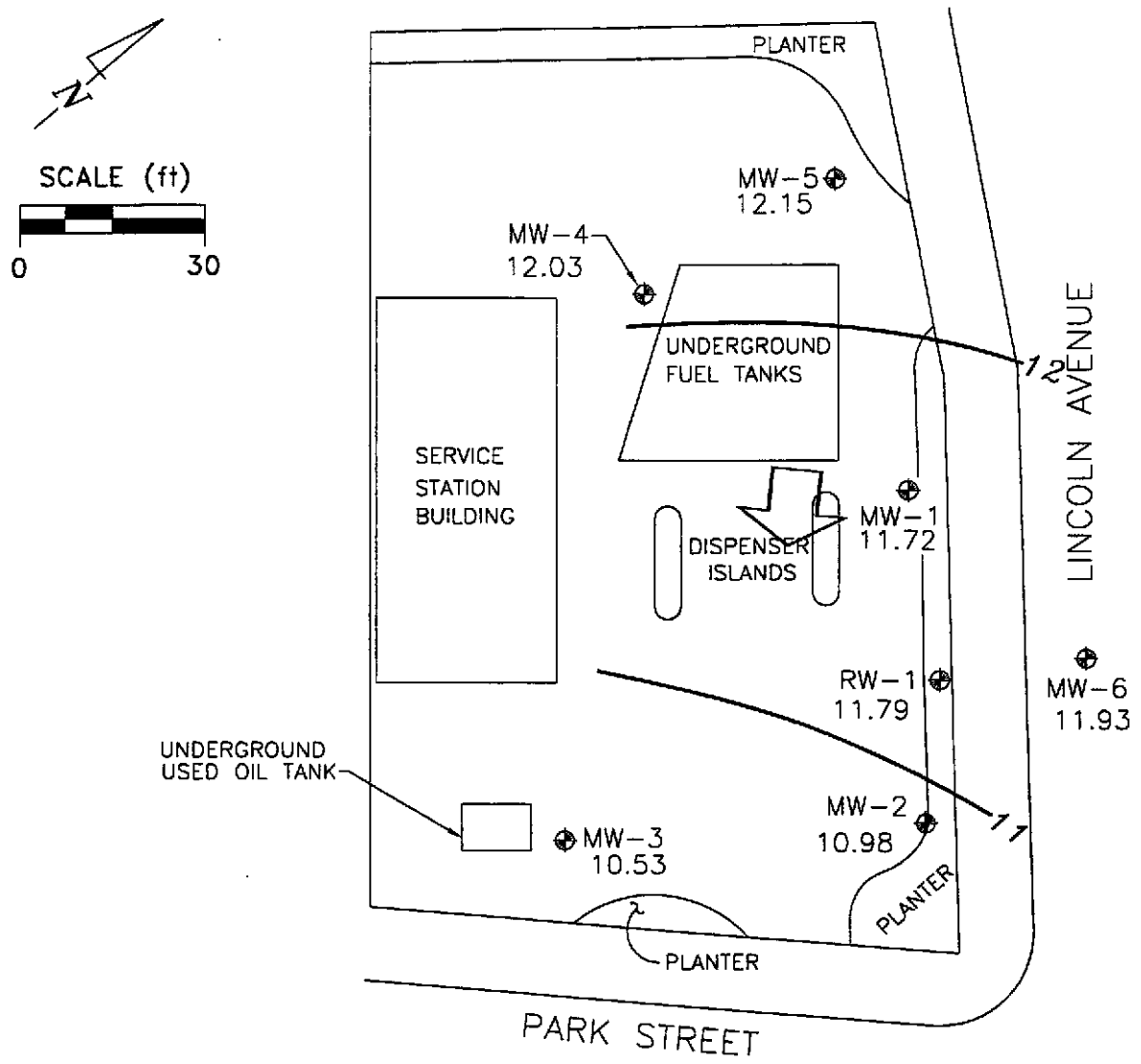
Yours truly,

Francis Thie
Vice President

FPT/ks

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

Professional Engineering Appendix



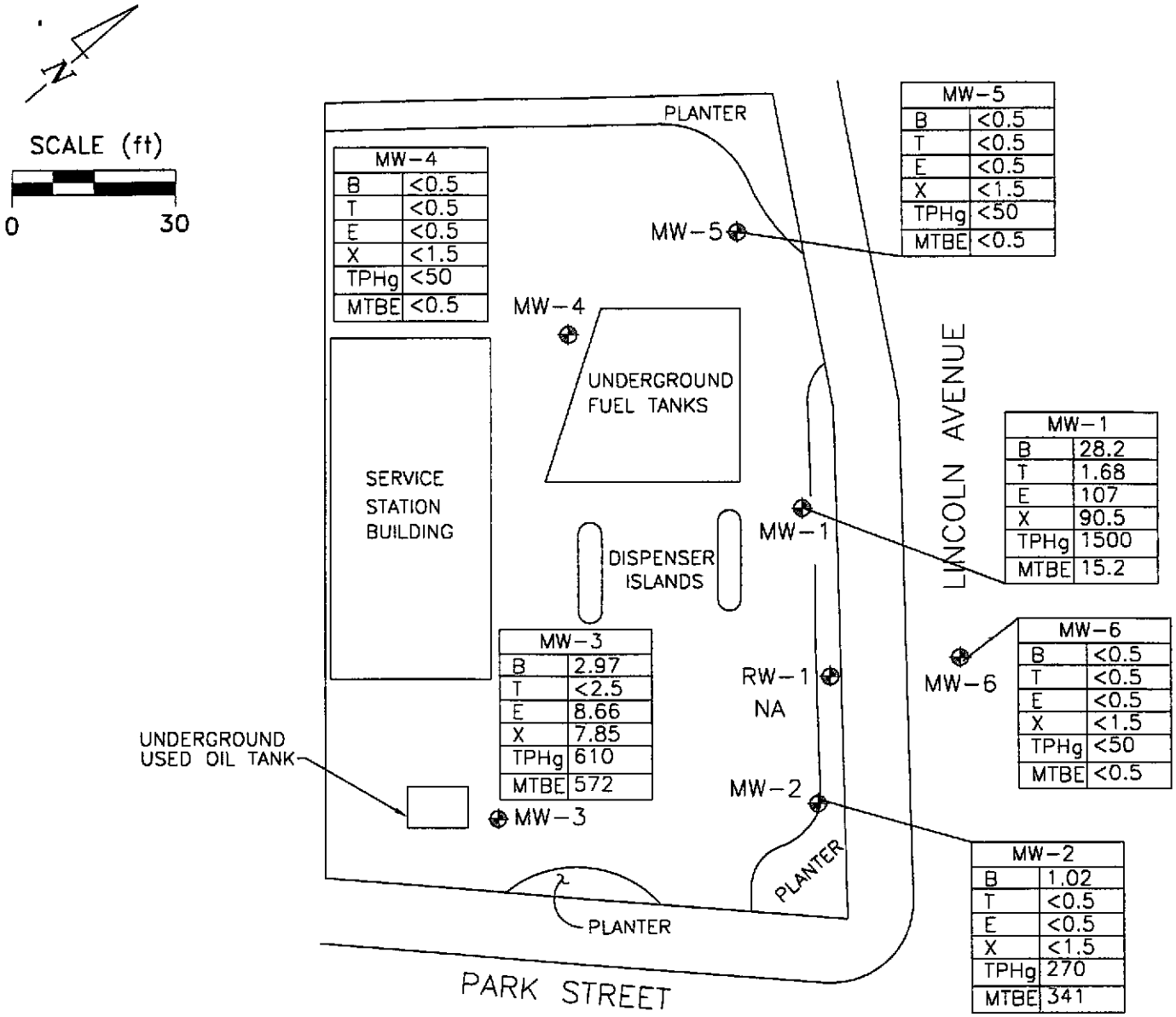
EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- 10.53 GROUNDWATER ELEVATION (FT, MSL)
- 12 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- ⇩ APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.01

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

Ref. 11266bm.dwg
Basemap from Alisto Engineering Group

PREPARED BY RRM engineering contracting firm	**BP Oil Service Station No. 11266** 1541 Park Street Alameda, California **GROUNDWATER ELEVATION CONTOUR MAP, MARCH 21, 2001**	FIGURE: **1** PROJECT: DAC04



EXPLANATION

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

Ref. 11266btex.dwg
Basemap from Alisto Engineering Group

PREPARED BY
RRM
engineering contracting firm

BP Oil Service Station No. 11266
1541 Park Street
Alameda, California

HYDROCARBON CONCENTRATION MAP, MARCH 21, 2001

FIGURE:
2
PROJECT:
DAC04

Table of
Well Data and
Analytical Results

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-1	03/04/88	19.19	---	---	95000	2000	5900	1100	10000	---	---	---
MW-1	03/29/89	19.19	---	---	25000	930	2600	24	3100	---	---	---
MW-1	11/28/89	19.19	---	---	15000	280	880	340	1200	---	---	---
MW-1	02/13/91	19.19	---	---	25000	680	2700	1100	3200	---	---	---
MW-1	01/08/92	19.19	---	---	10000	260	1100	570	2000	---	---	---
MW-1	03/30/92	19.19	8.15	11.04	5800	290	570	500	1100	---	---	PACE
MW-1	07/02/92	19.19	9.38	9.81	2500	170	60	310	300	---	---	ANA
MW-1	07/22/92	19.19	9.62	9.57	---	---	---	---	---	---	---	---
MW-1	10/02/92	19.19	9.98	9.21	4000	86	190	270	350	---	---	ANA
QC-1 (c)	10/02/92	---	---	---	3600	89	180	270	340	---	---	ANA
MW-1	12/14/92	19.19	9.90	9.29	6800	75	540	200	670	---	---	ANA
QC-1 (c)	12/14/92	---	---	---	5900	68	480	190	600	---	---	ANA
MW-1	03/24/93	19.19	8.52	10.67	6400	150	310	370	710	1400 (d)	---	PACE
MW-1	06/17/93	19.19	9.37	9.82	3800	110	160	310	480	220 (d)	---	PACE
MW-1	09/29/93	19.19	10.80	8.39	1100	22	16	54	110	320 (d)	---	PACE
MW-1	12/28/93	19.19	9.27	9.92	1800	26	110	77	300	220 (d)	---	PACE
MW-1	03/29/94	19.19	8.77	10.42	22000	990	560	970	2000	---	3.1	PACE
MW-1	07/07/94	19.19	9.18	10.01	18000	67	32	250	140	30000 (d)	---	PACE
MW-1	10/18/94	19.19	9.85	9.34	270	1.9	0.6	ND<0.5	3.2	---	3.6	PACE
MW-1	02/01/95	19.19	7.04	12.15	5400	260	350	1100	980	---	6.5	ATI
MW-1	04/12/95	19.19	7.74	11.45	13000	260	620	960	2600	---	5.0	ATI
MW-1	09/13/95	19.19	9.58	9.61	5800	110	110	510	830	4300	5.2	ATI
QC-1 (c)	09/13/95	---	---	---	5800	110	100	490	800	4500	---	ATI
MW-1	01/11/96	19.19	8.95	10.24	5400	91	130	510	1000	1700	5.2	ATI
QC-1 (c)	01/11/96	---	---	---	5100	89	120	490	950	2000	---	ATI
MW-1	04/18/96	19.19	8.40	10.79	12000	190	420	1100	1560	2100	4.5	SPL
QC-1 (c)	04/18/96	---	---	---	12000	190	390	1100	1440	2000	---	SPL
MW-1	06/28/96	19.19	9.08	10.11	11000	100	130	670	1180	4600	---	SPL
QC-1 (c)	06/28/96	---	---	---	11000	100	140	690	1290	4600	---	SPL
MW-1	11/05/96	19.19	9.81	9.38	8800	55	28	520	430	5700	5.5	SPL
QC-1 (c)	11/05/96	---	---	---	8800	48	ND<25	490	413	5600	---	SPL
MW-1	01/17/97	19.19	7.81	11.38	12000	180	160	1200	1650	3200	8.0	SPL
QC-1 (c)	01/17/97	---	---	---	13000	190	160	1200	1770	3200	---	SPL
MW-1	05/01/97	19.19	9.13	10.06	8600	160	49	950	850	3200	7.0	SPL
QC-1 (c)	05/01/97	---	---	---	9000	160	39	940	820	3100	---	SPL
MW-1	07/09/97	19.19	9.55	9.64	10000	93	27	720	476	4500	6.3	SPL
QC-1 (c)	07/09/97	---	---	---	7600	42	13	340	175	4300	---	SPL
MW-1	10/16/97	19.19	9.77	9.42	2100	71	14	420	194	500	6.8	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
QC-1 (c)	10/16/97	---	---	---	2600	80	17	500	276	510	---	SPL
MW-1	01/08/98	19.19	8.36	10.83	2500	33	21	180	183	1200	6.1	SPL
QC-1 (c)	01/08/98	---	---	---	2400	32	20	170	154	1300	---	SPL
MW-1	04/17/98	19.19	7.48	11.71	14000	140	410	730	1980	2400	3.7	SPL
QC-1 (c)	04/17/98	---	---	---	14000	140	460	770	2220	2500	---	SPL
MW-1	09/11/98	19.19	9.30	9.89	7700	65	38	580	880	1700	5.6	SPL
QC-1 (c)	09/11/98	---	---	---	10000	81	59	710	1410	1800	---	SPL
MW-1	03/09/99	19.19	6.80	12.39	6300	93	99	510	790	780/700	---	SPL
MW-1	09/23/99	19.19	8.31	10.88	8500	93	88	910	1900	640	---	SPL
MW-1	03/27/00	19.19	6.82	12.37	2100	35	6.2	240	120	160	---	PACE
MW-1	09/27/00	19.19	8.58	10.61	810	13	0.62	43	12	46	---	PACE
MW-1	03/21/01	19.19	7.47	11.72	1500	28.2	1.68	107	90.5	15.2	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-2	03/04/88	19.32	---	---	ND	ND	ND	ND	ND	---	---	---
MW-2	03/29/89	19.32	---	---	ND	1.1	0.78	ND	1.7	---	---	---
MW-2	11/28/89	19.32	---	---	170	ND	ND	ND	ND	---	---	---
MW-2	02/13/91	19.32	---	---	150	1.4	ND	ND	0.9	---	---	---
MW-2	01/08/92	19.32	---	---	ND	1.4	ND	ND	1.1	---	---	---
MW-2	03/30/92	19.32	9.03	10.29	91	0.7	ND	ND	ND	---	---	PACE
MW-2	07/02/92	19.32	9.96	9.36	150	3.1	0.6	0.6	1.1	---	---	ANA
MW-2	07/22/92	19.32	10.12	9.20	---	---	---	---	---	---	---	---
MW-2	10/02/92	19.32	10.42	8.90	56	ND<0.5	0.8	0.8	1.2	---	---	ANA
MW-2	12/14/92	19.32	10.77	8.55	210	1.5	ND<0.5	0.9	2.7	---	---	ANA
MW-2	03/24/93	19.32	9.33	9.99	94	0.8	ND<0.5	ND<0.5	0.9	---	---	PACE
QC-1 (c)	03/24/93	---	---	---	150	1.8	0.6	1.3	1.3	---	---	PACE
MW-2	06/17/93	19.32	9.91	9.41	ND<50	ND<0.5	ND<0.5	ND<0.5	0.7	23 (d)	---	PACE
MW-2	09/29/93	19.32	11.39	7.93	68	ND<0.5	0.9	0.7	1.9	59 (d)	---	PACE
MW-2	12/28/93	19.32	9.75	9.57	260	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1300 (d)	---	PACE
QC-1 (c)	12/28/93	---	---	---	240	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1100 (d)	---	PACE
MW-2	03/29/94	19.32	9.39	9.93	150	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1600 (d)	4.9	PACE
QC-1 (c)	03/29/94	---	---	---	140	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1600 (d)	---	PACE
MW-2	07/07/94	19.32	9.68	9.64	1100	0.6	1.7	0.6	3.2	2000 (d)	---	PACE
MW-2	10/18/94	19.32	10.22	9.10	290	3.1	0.8	ND<0.5	5.1	---	3.3	PACE
MW-2	02/01/95	19.32	8.03	11.29	100	ND<0.5	ND<0.5	ND<0.5	ND<1	---	6.0	ATI
MW-2	04/12/95	19.32	8.71	10.61	1200	ND<1.0	ND<1.0	ND<1.0	ND<2.0	---	8.3	ATI
MW-2	09/13/95	19.32	10.19	9.13	480	ND<2.5	ND<2.5	ND<2.5	ND<5.0	2300	7.8	ATI
MW-2	01/11/96	19.32	9.59	9.73	3400	ND<25	ND<25	ND<25	ND<50	11000	5.4	ATI
MW-2	04/18/96	19.32	9.04	10.28	130	ND<0.5	ND<1	ND<1	ND<1	170	5.5	SPL
MW-2	06/28/96	19.32	9.72	9.60	300	ND<0.5	ND<1	ND<1	ND<1	430	4.9	SPL
MW-2	11/05/96	19.32	10.43	8.89	710	ND<2.5	ND<5.0	ND<5.0	ND<5.0	960	5.3	SPL
MW-2	01/17/97	19.32	8.80	10.52	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	24	5.3	SPL
MW-2	05/01/97	19.32	10.06	9.26	80	ND<0.5	ND<1.0	ND<1.0	ND<1.0	100	5.2	SPL
MW-2	07/09/97	19.32	10.50	8.82	150	ND<0.5	ND<1.0	ND<1.0	ND<1.0	170	4.3	SPL
MW-2	10/16/97	19.32	10.18	9.14	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	260	5.0	SPL
MW-2	01/08/98	19.32	9.04	10.28	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	18	4.4	SPL
MW-2	04/17/98	19.32	8.56	10.76	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	3.9	SPL
MW-2	09/11/98	19.32	9.79	9.53	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.1	SPL
MW-2	03/09/99	19.32	7.93	11.39	200	ND<1.0	ND<1.0	ND<1.0	ND<1.0	190	---	SPL
MW-2	09/23/99	19.32	8.52	10.80	<250	ND<5.0	ND<5.0	ND<5.0	ND<5.0	84	---	SPL
MW-2	03/27/00	19.32	7.98	11.34	200	ND<0.5	ND<0.5	ND<0.5	ND<0.5	490	---	PACE
MW-2	09/27/00	19.32	8.84	10.48	180	ND<0.5	ND<0.5	ND<0.5	ND<0.5	730	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-2	03/21/01	19.32	8.34	10.98	270	1.02	ND<0.5	ND<0.5	ND<1.5	341	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-3	03/04/88	19.99	---	---	ND	ND	ND	ND	ND	---	---	---
MW-3	03/29/89	19.99	---	---	ND	ND	ND	ND	ND	---	---	---
MW-3	11/28/89	19.99	---	---	ND	ND	ND	ND	ND	---	---	---
MW-3	02/13/91	19.99	---	---	ND	ND	ND	ND	ND	---	---	---
MW-3	01/08/92	19.99	---	---	ND	ND	ND	ND	ND	---	---	---
MW-3	03/30/92	19.99	9.71	10.28	ND	ND	ND	ND	ND	---	---	PACE
MW-3	07/02/92	19.99	10.52	9.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-3	07/22/92	19.99	10.62	9.37	---	---	---	---	---	---	---	---
MW-3	10/02/92	19.99	10.86	9.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-3	12/14/92	19.99	10.53	9.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-3	03/24/93	19.99	9.06	10.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-3	06/17/93	19.99	10.44	9.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-3	09/29/93	19.99	11.06	8.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-3	12/28/93	19.99	9.43	10.56	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-3	03/29/94	19.99	10.01	9.98	---	---	---	---	ND<0.5	---	---	---
MW-3	07/07/94	19.99	10.14	9.85	ND<50	ND<0.5	0.7	ND<0.5	ND<0.5	---	---	PACE
QC-1 (c)	07/07/94	---	---	---	ND<50	ND<0.5	0.7	ND<0.5	ND<0.5	---	---	PACE
MW-3	10/18/94	19.99	10.56	9.43	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	3.2	PACE
MW-3	02/01/95	19.99	8.98	11.01	ND<50	ND<0.5	1.0	0.5	1.9	---	5.9	ATI
MW-3	04/12/95	19.99	9.70	10.29	---	---	---	---	---	---	---	---
MW-3	09/13/95	19.99	10.70	9.29	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	5.7	ATI
MW-3	01/11/96	19.99	10.18	9.81	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	5.5	ATI
MW-3	04/18/96	19.99	9.53	10.46	---	---	---	---	---	---	---	---
MW-3	06/28/96	19.99	9.21	10.78	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.3	SPL
MW-3	11/05/96	19.99	9.94	10.05	---	---	---	---	---	---	---	---
MW-3	01/17/97	19.99	9.29	10.70	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.0	SPL
MW-3	05/01/97	19.99	10.53	9.46	---	---	---	---	---	---	---	---
MW-3	07/09/97	19.99	10.92	9.07	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.0	SPL
MW-3	10/16/97	19.99	11.24	8.75	---	---	---	---	---	---	---	---
MW-3	01/08/98	19.99	10.12	9.87	---	---	---	---	---	---	---	---
MW-3	04/17/98	19.99	9.62	10.37	---	---	---	---	---	---	---	---
MW-3	09/11/98	19.99	10.83	9.16	---	---	---	---	---	---	---	---
MW-3	03/09/99	19.99	9.00	10.99	17000	8.2	ND<1.0	ND<1.0	5.90	17000	---	SPL
MW-3	09/23/99	19.99	9.20	10.79	---	---	---	---	---	---	---	---
MW-3	03/27/00	19.99	9.10	10.89	1200	4.5	1.2	3.0	3.1	2800	---	PACE
MW-3	09/27/00	19.99	9.96	10.03	---	---	---	---	---	---	---	---
MW-3	03/21/01	19.99	9.46	10.53	610	2.97	ND<2.5	8.66	7.85	572	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-4	03/04/88	20.17	---	---	ND	ND	ND	ND	ND	---	---	---
MW-4	03/29/89	20.17	---	---	ND	ND	ND	ND	ND	---	---	---
MW-4	11/28/89	20.17	---	---	430	6.2	0.6	12	3.3	---	---	---
MW-4	02/13/91	20.17	---	---	ND	ND	ND	ND	ND	---	---	---
MW-4	01/08/92	20.17	---	---	ND	ND	ND	ND	ND	---	---	---
MW-4	03/30/92	20.17	8.73	11.44	ND	ND	ND	ND	ND	---	---	PACE
MW-4	07/02/92	20.17	10.04	10.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-4	07/22/92	20.17	10.26	9.91	---	---	---	---	---	---	---	---
MW-4	10/02/92	20.17	10.63	9.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-4	12/14/92	20.17	10.02	10.15	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-4	03/24/93	20.17	9.08	11.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	06/17/93	20.17	10.03	10.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	09/29/93	20.17	10.96	9.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	12/28/93	20.17	9.33	10.84	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	03/29/94	20.17	9.42	10.75	---	---	---	---	---	---	---	---
MW-4	07/07/94	20.17	9.82	10.35	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	10/18/94	20.17	10.36	9.81	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	3.1	PACE
MW-4	02/01/95	20.17	7.50	12.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	9.3	ATI
MW-4	04/12/95	20.17	8.21	11.96	---	---	---	---	---	---	---	---
MW-4	09/13/95	20.17	10.20	9.97	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	4.3	ATI
MW-4	01/11/96	20.17	9.57	10.60	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	5.1	ATI
MW-4	04/18/96	20.17	9.03	11.14	---	---	---	---	---	---	---	---
MW-4	06/28/96	20.17	8.73	11.44	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.6	SPL
MW-4	11/05/96	20.17	9.47	10.70	---	---	---	---	---	---	---	---
MW-4	01/17/97	20.17	8.79	11.38	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.4	SPL
MW-4	05/01/97	20.17	10.08	10.09	---	---	---	---	---	---	---	---
MW-4	07/09/97	20.17	10.52	9.65	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.1	SPL
MW-4	10/16/97	20.17	10.85	9.32	---	---	---	---	---	---	---	---
MW-4	01/08/98	20.17	9.60	10.57	---	---	---	---	---	---	---	---
MW-4	04/17/98	20.17	9.11	11.06	---	---	---	---	---	---	---	---
MW-4	09/11/98	20.17	10.32	9.85	---	---	---	---	---	---	---	---
MW-4	03/09/99	20.17	7.30	12.87	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	SPL
MW-4	09/23/99	20.17	7.86	12.31	---	---	---	---	---	---	---	---
MW-4	03/27/00	20.17	7.57	12.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-4	09/27/00	20.17	9.59	10.58	---	---	---	---	---	---	---	---
MW-4	03/21/01	20.17	8.14	12.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet)	(a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	(b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-5	03/04/88	19.41		---	---		ND	ND	ND	ND	ND	---	---	---
MW-5	03/29/89	19.41		---	---		ND	ND	ND	ND	ND	---	---	---
MW-5	11/28/89	19.41		---	---		ND	ND	ND	ND	ND	---	---	---
MW-5	02/13/91	19.41		---	---		ND	ND	ND	ND	ND	---	---	---
MW-5	01/08/92	19.41		---	---		ND	ND	ND	ND	ND	---	---	---
MW-5	03/30/92	19.41		7.85	11.56		ND	ND	ND	ND	ND	---	---	PACE
MW-5	07/02/92	19.41		9.27	10.14		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-5	07/22/92	19.41		9.55	9.86		---	---	---	---	---	---	---	---
MW-5	10/02/92	19.41		9.97	9.44		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-5	12/14/92	19.41		9.14	10.27		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-5	03/24/93	19.41		8.17	11.24		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-5	06/17/93	19.41		8.29	11.12		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-1 (c)	06/17/93	---		---	---		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-5	09/29/93	19.41		10.31	9.10		ND<50	ND<0.5	ND<0.5	ND<0.5	0.6	---	---	PACE
MW-5	12/28/93	19.41		8.91	10.50		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-5	03/29/94	19.41		8.50	10.91		---	---	---	---	---	---	---	---
MW-5	07/07/94	19.41		8.99	10.42		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-5	10/18/94	19.41		9.61	9.80		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	3.5	PACE
MW-5	02/01/95	19.41		6.55	12.86		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	7.6	ATI
MW-5	04/12/95	19.41		7.27	12.14		---	---	---	---	---	---	---	---
MW-5	09/13/95	19.41		9.49	9.92		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	4.9	ATI
MW-5	01/11/96	19.41		8.82	10.59		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	4.9	ATI
MW-5	04/18/96	19.41		8.30	11.11		---	---	---	---	---	---	---	---
MW-5	06/28/96	19.41		8.96	10.45		ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.2	SPL
MW-5	11/05/96	19.41		9.69	9.72		---	---	---	---	---	---	---	---
MW-5	01/17/97	19.41		9.02	10.39		ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.2	SPL
MW-5	05/01/97	19.41		10.29	9.12		---	---	---	---	---	---	---	---
MW-5	07/09/97	19.41		10.71	8.70		ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.2	SPL
MW-5	10/16/97	19.41		11.03	8.38		---	---	---	---	---	---	---	---
MW-5	01/08/98	19.41		10.00	9.41		---	---	---	---	---	---	---	---
MW-5	04/17/98	19.41		8.73	10.68		---	---	---	---	---	---	---	---
MW-5	09/11/98	19.41		9.91	9.50		---	---	---	---	---	---	---	---
MW-5	03/09/99	19.41		6.24	13.17		ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	SPL
MW-5	09/23/99	19.41		6.74	12.67		---	---	---	---	---	---	---	---
MW-5	03/27/00	19.41		6.64	12.77		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-5	09/27/00	19.41		8.76	10.65		---	---	---	---	---	---	---	---
MW-5	03/21/01	19.30	(g)	7.15	12.15		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-6	03/04/88	19.40	---	---	ND	ND	ND	ND	ND	---	---	---
MW-6	03/29/89	19.40	---	---	ND	ND	ND	ND	ND	---	---	---
MW-6	11/28/89	19.40	---	---	ND	ND	ND	ND	ND	---	---	---
MW-6	02/13/91	19.40	---	---	ND	ND	ND	ND	ND	---	---	---
MW-6	01/08/92	19.40	---	---	ND	ND	ND	ND	ND	---	---	---
MW-6	03/30/92	19.40	8.86	10.54	ND	ND	ND	ND	ND	---	---	PACE
MW-6	07/02/92	19.40	9.94	9.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-6	07/22/92	19.40	10.10	9.30	---	---	---	---	---	---	---	---
MW-6	10/02/92	19.40	10.48	8.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-6	12/14/92	19.40	10.76	8.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-6	03/24/93	19.40	9.19	10.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-6	06/17/93	19.40	9.91	9.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-6	09/29/93	19.40	11.49	7.91	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-6	12/28/93	19.40	9.88	9.52	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-6	03/29/94	19.40	9.36	10.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	5.0	PACE
MW-6	07/07/94	19.40	9.75	9.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	38 (d)	---	PACE
MW-6	10/18/94	19.40	10.30	9.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	3.3	PACE
MW-6	02/01/95	19.40	7.92	11.48	ND<50	ND<0.5	0.9	ND<0.5	1.1	---	5.4	ATI
MW-6	04/12/95	19.40	8.41	10.99	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	4.7	ATI
MW-6	09/13/95	19.40	10.05	9.35	180	ND<1.0	ND<1.0	ND<1.0	ND<2.0	770	4.9	ATI
MW-6	01/11/96	19.40	9.52	9.88	670	ND<2.5	ND<2.5	ND<2.5	ND<5.0	2400	4.6	ATI
MW-6	04/18/96	19.40	9.03	10.37	560	ND<0.5	ND<1	ND<1	ND<1	860	5.1	SPL
MW-6	06/28/96	19.40	8.76	10.64	620	ND<0.5	ND<1	ND<1	ND<1	540	4.9	SPL
MW-6	11/05/96	19.40	9.48	9.92	810	ND<5	ND<10	ND<10	ND<10	970	4.8	SPL
MW-6	01/17/97	19.40	8.58	10.82	830	ND<0.5	ND<1.0	ND<1.0	ND<1.0	960	8.9	SPL
MW-6	05/01/97	19.40	9.92	9.48	780	ND<5	ND<10	ND<10	ND<10	970	7.7	SPL
MW-6	07/09/97	19.40	10.33	9.07	990	ND<0.5	ND<1.0	ND<1.0	ND<1.0	1100	6.0	SPL
MW-6	10/16/97	19.40	10.66	8.74	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	750	6.7	SPL
MW-6	01/08/98	19.40	8.92	10.48	120	ND<0.5	ND<1.0	ND<1.0	ND<1.0	120	5.6	SPL
MW-6	04/17/98	19.40	8.12	11.28	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	62	3.9	SPL
MW-6	09/11/98	19.40	9.31	10.09	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	59	5.5	SPL
MW-6	03/09/99	19.40	7.25	12.15	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.9/ND<10 (f)	---	SPL
MW-6	09/23/99	19.40	7.79	11.61	ND<250	ND<5.0	ND<5.0	ND<5.0	ND<5.0	20	---	SPL
MW-6	03/27/00	19.40	7.03	12.37	ND<50	ND<0.5	ND<0.5	ND<0.5	2.4	ND<0.5	---	PACE
MW-6	09/27/00	19.40	8.57	10.83	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-6	03/21/01	19.40	7.47	11.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
RW-1	07/22/92	---	9.66	---	13000	1000	3400	380	2800	---	---	ANA
RW-1	10/02/92	---	10.28	---	---	---	---	---	---	---	---	---
RW-1	12/14/92	---	23.28	---	---	---	---	---	---	---	---	---
RW-1	03/24/93	---	8.93	---	660	21	25	8.3	100	315 (d)	---	PACE
RW-1	06/17/93	---	9.66	---	850	13	1.0	15	100	390 (d)	---	PACE
RW-1	09/29/93	19.27	23.40	-4.13	1200	26	27	11	150	1800 (d)	---	PACE
QC-1 (c)	09/29/93	---	---	---	1200	26	28	11	160	1900 (d)	---	PACE
RW-1	12/28/93	19.27	9.76	9.51	3500	300	220	180	480	1900 (d)	---	PACE
RW-1	03/29/94	19.27	8.93	10.34	12000	640	1700	450	2200	---	6.3	PACE
RW-1	07/07/94	19.27	9.45	9.82	7600	530	1100	380	1800	410 (d)	---	PACE
RW-1	10/18/94	19.27	10.11	9.16	5300	47	100	150	280	2500 (d)	3.4	PACE
QC-1 (c)	10/18/94	---	---	---	430	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
RW-1	02/01/95	19.27	8.54	10.73	27000	2400	6100	1800	5300	---	4.5	ATI
QC-1 (c)	02/01/95	---	---	---	15000	1300	3300	970	2900	---	---	ATI
RW-1	04/12/95	19.27	8.21	11.06	6200	330	910	350	1500	---	5.2	ATI
QC-1 (c)	04/12/95	---	---	---	7600	400	1100	440	1900	---	---	ATI
RW-1	09/13/95	19.27	9.84	9.43	920	140	60	34	110	1200	5.1	ATI
RW-1	01/11/96	19.27	9.25	10.02	ND<50	0.95	0.61	ND<0.50	2.1	43	5.4	ATI
RW-1	04/18/96	19.27	8.73	10.54	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.7	SPL
RW-1	06/28/96	19.27	9.40	9.87	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.5	SPL
RW-1	11/05/96	19.27	10.12	9.15	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.9	SPL
RW-1	01/17/97	19.27	8.10	11.17	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.8	SPL
RW-1	05/01/97	19.27	9.43	9.84	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.6	SPL
RW-1	07/09/97	19.27	10.83	8.44	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.1	SPL
RW-1	10/16/97	19.27	11.17	8.10	---	---	---	---	---	---	---	---
RW-1	01/08/98	19.27	10.03	9.24	---	---	---	---	---	---	---	---
RW-1	04/17/98	19.27	8.79	10.48	---	---	---	---	---	---	---	---
RW-1	09/11/98	19.27	9.98	9.29	---	---	---	---	---	---	---	---
RW-1	03/09/99	19.27	7.19	12.08	---	---	---	---	---	---	---	---
RW-1	09/23/99	19.27	7.63	11.64	---	---	---	---	---	---	---	---
RW-1	03/27/00	19.27	7.04	12.23	---	---	---	---	---	---	---	---
RW-1	09/27/00	19.27	8.55	10.72	---	---	---	---	---	---	---	---
RW-1	03/21/01	19.27	7.48	11.79	---	---	---	---	---	---	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
QC-2 (e)	10/02/92	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
QC-2 (e)	12/14/92	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
QC-2 (e)	03/24/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (e)	06/17/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (e)	09/29/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (e)	12/28/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (e)	03/29/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (e)	07/07/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (e)	10/18/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (e)	02/01/95	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	ATI
QC-2 (e)	04/12/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2 (e)	09/13/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
QC-2 (e)	01/11/96	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
QC-2 (e)	04/18/96	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	SPL
QC-2 (e)	06/28/96	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

ADDITIONAL ANALYSES

Well ID	DATE OF SAMPLING/ MONITORING	Dissolved Lead (ug/l)
RW-1	03/21/01	ND<50

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline
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
---	Not measured/applicable/analyzed
ND	Not detected above reported detection limit
PACE	Pace, Inc.
ANA	Anametrix, Inc.
ATI	Analytical Technologies, Inc.
SPL	Southern Petroleum Laboratories

NOTES:

(a) Casing elevations surveyed to nearest 0.01 foot above mean sea level, with an assigned elevation of 22.82 feet (City datum).

(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 10-050-07-004.

(e) Travel blank.

(f) EPA Methods 8020/8260 used.

(g) Elevation changed due to well maintenance.

Analytical Appendix

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Fax: 281.488.4661

April 04, 2001

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

RE: Lab Project Number: 8520542
Client Project ID: BP Site#11266

Dear Mr. Metzger:

Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2001. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paula Kirtley
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

Lab Project Number: 8520542
Client Project ID: BP Site#11266

Attn: Mr. Aidan Metzger
Phone:

Lab Sample No: 851683500 Project Sample Number: 8520542-001 Date Collected: 03/21/01 11:00
Client Sample ID: A (11266) Matrix: Water Date Received: 03/23/01 09:00

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	ND	ug/l	50.	1.0	04/03/01 22:31	LJAS			
1,4-Difluorobenzene (S)	82	%		1.0	04/03/01 22:31	LJAS			
4-Bromofluorobenzene (S)	77	%		1.0	04/03/01 22:31	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	ND	ug/l	0.500	1.0	04/03/01 22:31	LJAS	71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	04/03/01 22:31	LJAS	100-41-4		
Toluene	ND	ug/l	0.500	1.0	04/03/01 22:31	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	04/03/01 22:31	LJAS	1330-20-7		
Methyl-tert-butyl ether	ND	ug/l	0.500	1.0	04/03/01 22:31	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	100	%		1.0	04/03/01 22:31	LJAS			
4-Bromofluorobenzene (S)	109	%		1.0	04/03/01 22:31	LJAS	460-00-4		

Date: 04/04/01

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Lab Project Number: 8520542
Client Project ID: BP Site#11266

Lab Sample No: 851683501 Project Sample Number: 8520542-002 Date Collected: 03/21/01 11:26
Client Sample ID: B (11266) Matrix: Water Date Received: 03/23/01 09:00

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	ND	ug/l	50.	1.0	04/03/01 22:49	LJAS			
1,4-Difluorobenzene (S)	82	%		1.0	04/03/01 22:49	LJAS			
4-Bromofluorobenzene (S)	77	%		1.0	04/03/01 22:49	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	ND	ug/l	0.500	1.0	04/03/01 22:49	LJAS	71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	04/03/01 22:49	LJAS	100-41-4		
Toluene	ND	ug/l	0.500	1.0	04/03/01 22:49	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	04/03/01 22:49	LJAS	1330-20-7		
Methyl-tert-butyl ether	ND	ug/l	0.500	1.0	04/03/01 22:49	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	100	%		1.0	04/03/01 22:49	LJAS			
4-Bromofluorobenzene (S)	109	%		1.0	04/03/01 22:49	LJAS	460-00-4		

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Lab Project Number: 8520542
Client Project ID: BP Site#11266

Lab Sample No: 851683502 Project Sample Number: 8520542-003 Date Collected: 03/21/01 11:55
Client Sample ID: C (11266) Matrix: Water Date Received: 03/23/01 09:00

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	ND	ug/l	50.	1.0	04/04/01 01:31	LJAS			
1,4-Difluorobenzene (S)	81	%		1.0	04/04/01 01:31	LJAS			
4-Bromofluorobenzene (S)	74	%		1.0	04/04/01 01:31	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	ND	ug/l	0.500	1.0	04/04/01 01:31	LJAS	71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	04/04/01 01:31	LJAS	100-41-4		
Toluene	ND	ug/l	0.500	1.0	04/04/01 01:31	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	04/04/01 01:31	LJAS	1330-20-7		
Methyl-tert-butyl ether	ND	ug/l	0.500	1.0	04/04/01 01:31	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	100	%		1.0	04/04/01 01:31	LJAS			
4-Bromofluorobenzene (S)	106	%		1.0	04/04/01 01:31	LJAS	460-00-4		

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Lab Project Number: 8520542
Client Project ID: BP Site#11266

Lab Sample No: 851683503 Project Sample Number: 8520542-004 Date Collected: 03/21/01 13:00
Client Sample ID: E (11266) Matrix: Water Date Received: 03/23/01 09:00

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	270	ug/l	50.	1.0	04/04/01 01:49	LJAS			
1,4-Difluorobenzene (S)	81	%		1.0	04/04/01 01:49	LJAS			
4-Bromofluorobenzene (S)	72	%		1.0	04/04/01 01:49	LJAS	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	1.02	ug/l	0.500	1.0	04/04/01 01:49	LJAS	71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	04/04/01 01:49	LJAS	100-41-4		
Toluene	ND	ug/l	0.500	1.0	04/04/01 01:49	LJAS	108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	04/04/01 01:49	LJAS	1330-20-7		
Methyl-tert-butyl ether	341.	ug/l	0.500	1.0	04/04/01 01:49	LJAS	1634-04-4		
1,4-Difluorobenzene (S)	100	%		1.0	04/04/01 01:49	LJAS			
4-Bromofluorobenzene (S)	102	%		1.0	04/04/01 01:49	LJAS	460-00-4		

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Lab Project Number: 8520542
Client Project ID: BP Site#11266

Lab Sample No: 851683504 Project Sample Number: 8520542-005 Date Collected: 03/21/01 13:26
Client Sample ID: F (11266) Matrix: Water Date Received: 03/23/01 09:00

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	1500	ug/l	50.	1.0	04/04/01 02:07	LJAS			
1,4-Difluorobenzene (S)	122	%		1.0	04/04/01 02:07	LJAS			
4-Bromofluorobenzene (S)	133	%		1.0	04/04/01 02:07	LJAS	460-00-4	1	
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	28.2	ug/l	0.500	1.0	04/04/01 13:22	WRIC	71-43-2		
Ethylbenzene	107.	ug/l	0.500	1.0	04/04/01 13:22	WRIC	100-41-4		
Toluene	1.68	ug/l	0.500	1.0	04/04/01 13:22	WRIC	108-88-3		
Xylene (Total)	90.5	ug/l	1.50	1.0	04/04/01 13:22	WRIC	1330-20-7		
Methyl-tert-butyl ether	15.2	ug/l	0.500	1.0	04/04/01 13:22	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	119	%		1.0	04/04/01 13:22	WRIC			
4-Bromofluorobenzene (S)	140	%		1.0	04/04/01 13:22	WRIC	460-00-4	1	

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Lab Project Number: 8520542
Client Project ID: BP Site#11266

Lab Sample No: 851683505 Project Sample Number: 8520542-006 Date Collected: 03/21/01 13:46
Client Sample ID: G (11266) Matrix: Water Date Received: 03/23/01 09:00

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles									
GAS by Mod 8015, Water		Method: EPA 8015 Modified			Prep Method: EPA 8015 Modified				
Gasoline Range Organics	610	ug/l	250	5.0	04/04/01 13:41	WRIC			
1,4-Difluorobenzene (S)	103	%		1.0	04/04/01 13:41	WRIC			
4-Bromofluorobenzene (S)	84	%		1.0	04/04/01 13:41	WRIC	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	2.97	ug/l	2.50	5.0	04/04/01 13:41	WRIC	71-43-2		
Ethylbenzene	8.66	ug/l	2.50	5.0	04/04/01 13:41	WRIC	100-41-4		
Toluene	ND	ug/l	2.50	5.0	04/04/01 13:41	WRIC	108-88-3		
Xylene (Total)	7.85	ug/l	7.50	5.0	04/04/01 13:41	WRIC	1330-20-7		
Methyl-tert-butyl ether	572.	ug/l	2.50	5.0	04/04/01 13:41	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	103	%		1.0	04/04/01 13:41	WRIC			
4-Bromofluorobenzene (S)	91	%		1.0	04/04/01 13:41	WRIC	460-00-4		

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Lab Project Number: 8520542
Client Project ID: BP Site#11266

Lab Sample No: 851683603 Project Sample Number: 8520542-007 Date Collected: 03/21/01 12:33
Client Sample ID: D (11266) Rw-1 Matrix: Water Date Received: 03/23/01 09:00

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
Metals									
SW6010 Diss. Metals, Routine		Method: EPA 6010			Prep Method: EPA 6010				
Lead, Dissolved	ND	ug/l	50.0	1.0	03/27/01 11:10	BJAC	7439-92-1		

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Fax: 281.488.4661

Lab Project Number: 8520542
Client Project ID: BP Site#11266

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[1]	Surrogate recovery outside of control limits. The data was accepted based upon valid recovery of remaining surrogate.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 8520542
Client Project ID: BP Site#11266

QC Batch: 50921
QC Batch Method: See analytical meth
Analysis Method: EPA 8021
Analysis Description: SW8021 Aromatics, Water
Associated Lab Samples: 851683500 851683501 851683502 851683503 851683504 851683505

METHOD BLANK: 851685080
Associated Lab Samples: 851683500 851683501 851683502 851683503 851683504 851683505

Parameter	Units	Method Blank Result	PRL	Footnotes
Benzene	ug/l	ND	0.5	
Ethylbenzene	ug/l	ND	0.5	
Toluene	ug/l	ND	0.5	
Xylene (Total)	ug/l	ND	1.5	
Methyl-tert-butyl ether	ug/l	ND	0.5	
1,4-Difluorobenzene (S)	%	99		
4-Bromofluorobenzene (S)	%	107		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851685082 851685083

Parameter	Units	851683709	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Benzene	ug/l	1.963	50.00	52.99	102	52.47	101	1	
Ethylbenzene	ug/l	1.850	50.00	58.77	114	57.88	112	2	
Toluene	ug/l	0.3274	50.00	51.55	102	50.94	101	1	
Xylene (Total)	ug/l	1.301	100.00	127.9	127	126.5	125	1	
Methyl-tert-butyl ether	ug/l	9.364	50.00	65.75	113	66.62	114	1	
1,4-Difluorobenzene (S)					98		99		
4-Bromofluorobenzene (S)					141		140		1,1

LABORATORY CONTROL SAMPLE: 851685081

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Benzene	ug/l	50	51.89	104	
Ethylbenzene	ug/l	50	55.41	111	
Toluene	ug/l	50	52.01	104	

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QUALITY CONTROL DATA

Lab Project Number: 8520542
Client Project ID: BP Site#11266

LABORATORY CONTROL SAMPLE: 851685081

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Xylene (Total)	ug/l	100	116.2	116	
Methyl-tert-butyl ether	ug/l	50	50.70	101	
1,4-Difluorobenzene (S)				100	
4-Bromofluorobenzene (S)				107	

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QUALITY CONTROL DATA

Lab Project Number: 8520542
Client Project ID: BP Site#11266

QC Batch: 50922
QC Batch Method: EPA 8015 Modified
Analysis Method: EPA 8015 Modified
Analysis Description: GAS by Mod 8015, Water
Associated Lab Samples: 851683500 851683501 851683502 851683503 851683504 851683505

METHOD BLANK: 851685084
Associated Lab Samples: 851683500 851683501 851683502 851683503 851683504 851683505

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Organics	ug/l	ND	50	
1,4-Difluorobenzene (S)	%	82		
4-Bromofluorobenzene (S)	%	76		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851685086 851685087

Parameter	Units	851683710	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Organics	ug/l	706.3	1000.00	1810	110	1770	106	2	
1,4-Difluorobenzene (S)					121		120		
4-Bromofluorobenzene (S)					129		128		

LABORATORY CONTROL SAMPLE: 851685085

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Organics	ug/l	1000	1108	111	
1,4-Difluorobenzene (S)				111	
4-Bromofluorobenzene (S)				123	

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Fax: 281.488.4661

QUALITY CONTROL DATA

Lab Project Number: 8520542
Client Project ID: BP Site#11266

QC Batch: 50594
Analysis Method: EPA 6010
Associated Lab Samples: 851683603

QC Batch Method: EPA 6010
Analysis Description: SW6010 Diss. Metals, Routine

METHOD BLANK: 851683675
Associated Lab Samples: 851683603

Parameter	Units	Method Blank Result	PRL	Footnotes
Lead, Dissolved	ug/l	ND	50	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851683676 851683677

Parameter	Units	851664181	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Lead, Dissolved	ug/l	15.26	250.00	265.8	100	254.8	96	4	

LABORATORY CONTROL SAMPLE: 851683678

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Lead, Dissolved	ug/l	250	270.8	108	

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Fax: 281.488.4661

Lab Project Number: 8520542
Client Project ID: BP Site#11266

QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	Surrogate recovery outside of control limits. The data was accepted based upon valid recovery of remaining surrogate.

REPORT OF LABORATORY ANALYSIS

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: 11266	BP SITE / FACILITY ADDRESS: 1541 Park St., Alameda		CONSULTANT PROJECT NUMBER: 010301-A2
CONSULTANT PROJECT MANAGER: Scott Boor	PHONE NUMBER: (408) 573-0555 x 223	FAX NUMBER: (408) 573-7771	CONSULTANT CONTRACT NUMBER: J587872
BP CONTACT: Scott Hooton	BP ADDRESS: 295 SW 41st Street, Suite N, Renton WA	PHONE NUMBER: (425) 251-0689	FAX NO.: (425) 251-0736
LAB CONTACT: Pace - Paula Kirtley	LABORATORY ADDRESS: 900 Gemini Ave., Houston, TX 77058	PHONE NUMBER: (281) 488-1810	FAX NO.: (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)	Dissolved MB					COMMENTS
A	3/21/01	1100	W	3	40 ml VOA	HCl	X									5516833500
B		1126		3			X									01
C		1155		3			X									02
D		1233		1		HNO3					X					
E		1300		3	VOA		X									03
F		1326		3			X									04
G		1346		3			X									05

SAMPLED BY (Please Print Name): Oscar Angulo

SAMPLED BY (Signature): O. Angulo

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
O. Angulo					
			Christina Rathbone/ATE	3/23/01	0900

Field
Data
Sheets

WELL GAUGING DATA

Project # 010321-A2 Date 3/21/01 Client BP

Site 1591 Park St. Alameda. 1266

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	F				7.47	24.22	
MW-2	2	E				8.34	24.95	
MW-3	2	G				9.46	19.65	
MW-4	2	B				8.14	21.68	
MW-5	2	C				7.15	24.15	
MW-6	2	A				7.47	16.57	
RW-1	6	D				7.48	28.45	TOC

BP WELL MONITORING DATA SHEET

Project #: 010321-AZ	Station # 11266
Sampler: [illegible]	Date: 3/21/01
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 24.22	Depth to Water: 7.47
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
2.6	X	3	=	7.8 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1313	61.4	6.9	371	2.5	
1317	61.6	6.8	389	5	
1321	61.5	6.8	387	8	

Did well dewater? Yes (No)		Gallons actually evacuated: 8	
Sampling Time: 1326		Sampling Date: 3/21/01	
Sample I.D. (Blind): F		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 #: 010321-AZ	Station # 11266
Sampler: [illegible]	Date: 3/21/01
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 21.93	Depth to Water: 8.39
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer (✓) / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

2.6	x	3	=	7.8 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1248	64.2	7.0	501	3	
1251	65.1	7.0	436	6	
1255	65.1	7.1	416	8	

Did well dewater? Yes (No) Gallons actually evacuated: 8

Sampling Time: 1300 Sampling Date: 3/21/01

Sample I.D. (Blind): E Laboratory: (Pace) Other _____

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

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

BP WELL MONITORING DATA SHEET

Project #: 010321-AZ	Station # 11266
Sampler: A	Date: 3/21/01
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.65	Depth to Water: 9.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1.6	X	3	=	4.8	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1335	65.5	6.9	573	1.5	
1338	65.8	6.8	572	3	
1341	66.0	6.8	569	5	

Did well dewater? Yes (No)		Gallons actually evacuated: 5	
Sampling Time: 1346		Sampling Date: 3/21/01	
Sample I.D. (Blind): A		Laboratory: (Pace)	Other_____
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

BP WELL MONITORING DATA SHEET

Project #: 010321-AZ	Station # 11266
Sampler: [illegible]	Date: 3/21/01
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 21.68	Depth to Water: 8.14
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer (Y) / Middleburg / Electric Submersible / Extraction Pump / Other: ____

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

2.1	X	3	=	6.3 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1115	62.3	7.0	292	2	
1118	62.41	6.9	279	4	
1121	62.6	7.0	279	6.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 6.5	
Sampling Time: 1126		Sampling Date: 3/21/01	
Sample I.D. (Blind): B		Laboratory: (Pace)	Other ____
Analyzed for: (TPH-G) BTEX (MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

BP WELL MONITORING DATA SHEET

Project #: 010321-AZ	Station # 11266
Sampler: [illegible]	Date: 3/21/01
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: ~~24.15~~ 24.15	Depth to Water: 7.15
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: ___

2.7	X	3	=	8	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1142	64.1	7.2	332	3	
1146	64.9	7.1	322	6	
1150	63.9	7.1	324	8	

Did well dewater? Yes (No)		Gallons actually evacuated: 8	
Sampling Time: 1155		Sampling Date: 3/21/01	
Sample I.D. (Blind): C		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 #: 010321-AZ	Station # 11266
Sampler: A	Date: 3/21/01
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 16.57	Depth to Water: 7.47
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 (O) / Middleburg / Electric Submersible / Extraction Pump / Other: ___

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

1.9 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1052	63.2	8.0	416	2	
1054	63.6	7.8	386	4	
1056	63.9	7.7	370	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Time: ~~1100~~ 1100 Sampling Date: 3/21/01

Sample I.D. (Blind): A Laboratory: (Pace) Other ___

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

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

BP WELL MONITORING DATA SHEET

Project #: 010321-AZ	Station # 11266
Sampler: [illegible]	Date: 3/21/01
Well I.D.: ~~MW~~ - RW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 28.45	Depth to Water: 7.48
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: ____

30.8	X	3	=	92.4 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1218	66.0	7.6	630	31	
1223	68.3	7.4	621	62	
1228	69.1	7.4	618	93	

Did well dewater? Yes (No)		Gallons actually evacuated: 93	
Sampling Time: 1233		Sampling Date: 3/21/01	
Sample I.D. (Blind): D		Laboratory: (Pace)	Other ____
Analyzed for: ~~TPH-G~~ ~~BTEX~~ ~~MTBE~~ TPH-D		Other: Dissolved Pb	
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