

bp



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

December 13, 2000

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

RE: Former BP Oil Site No. 11266
1541 Park Street (at Lincoln)
Alameda, CA

ENVIRONMENTAL
PROTECTION
00 DEC 19 PM 3:50

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

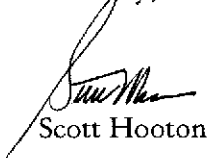
Dear Ms. Chu:

This letter transmits a groundwater monitoring and sampling report dated 14 November 2000 prepared on behalf of BP by Blaine Tech Services.

The enclosed groundwater monitoring and sampling report includes laboratory data for samples collected on 27 September 2000. You will note that aromatic petroleum hydrocarbons were detected in samples obtained from monitoring well MW-1. MTBE was detected in samples obtained from wells MW-1 (46 µg/L) and MW-2 (730 µg/L) on 27 September 2000.

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

Sincerely,


Scott Hooton

attachment

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

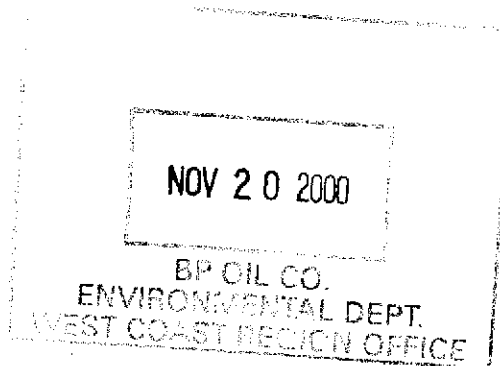
Verify GW flow direction.
Conc. are declining. Wait for
3/01 sample event to see if
closure is warranted.

4/5/01 - Email Hooton for AMR + to verify that
slide Pb was run.

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



November 14, 2000

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

3rd Quarter 2000 Monitoring at 11266

Third Quarter 2000 Groundwater Monitoring
BP Service Station Number 11266
1541 Park Street
Alameda, CA

Monitoring Performed on September 27, 2000

Groundwater Sampling Report **000927-Z-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.

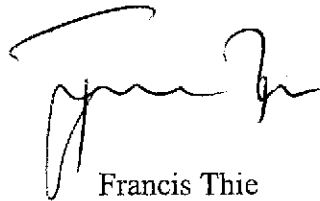
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The **Professional Engineering Appendix** 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,

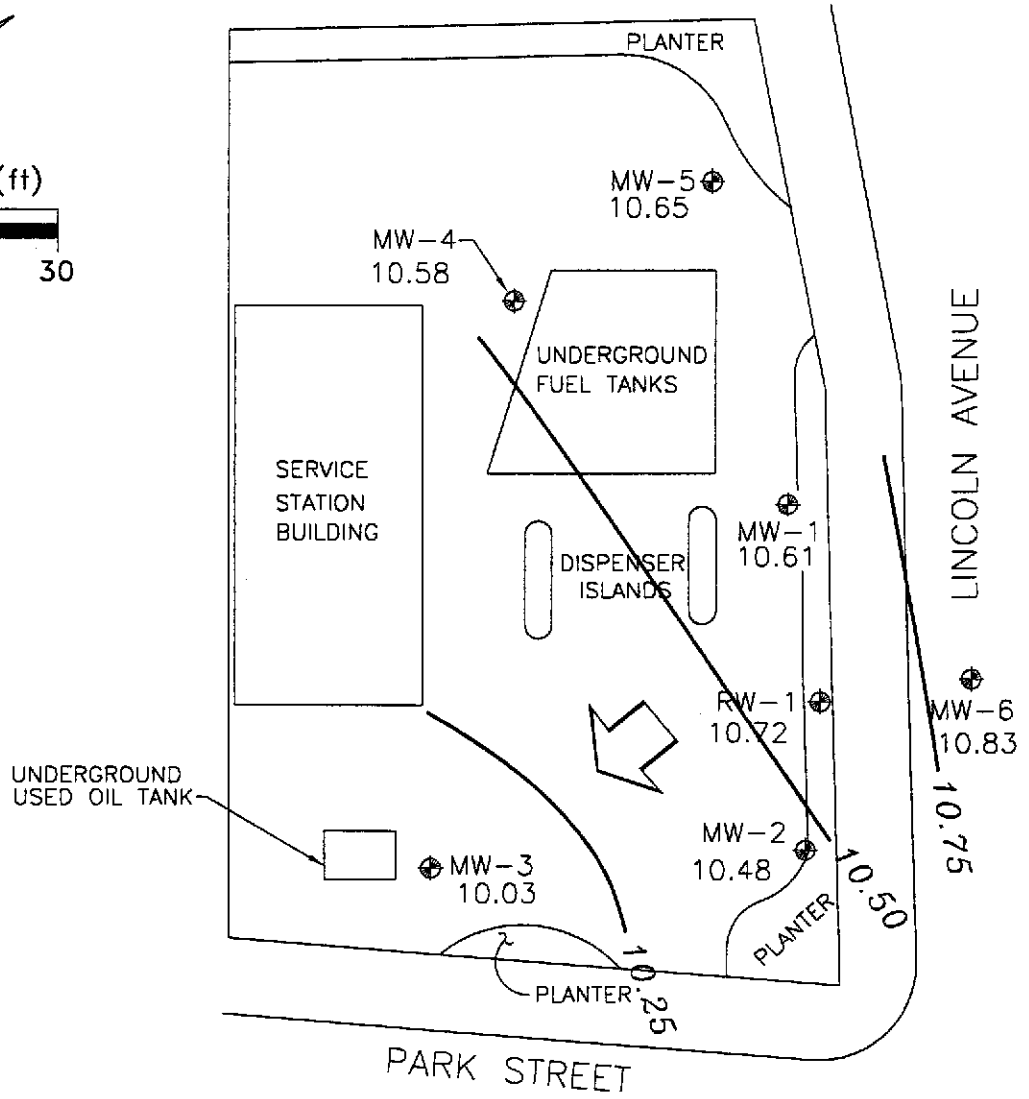
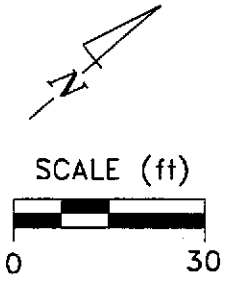
A handwritten signature in black ink, appearing to read 'Francis Thie', written in a cursive style.

Francis Thie
Vice President

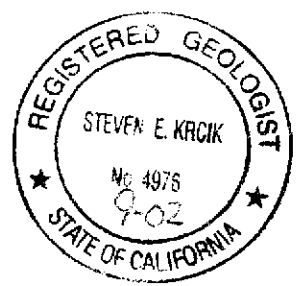
FPT/cm

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

Professional Engineering Appendix



- EXPLANATION**
- ⊕ GROUNDWATER MONITORING WELL
 - 10.03 GROUNDWATER ELEVATION (FT, MSL)
 - 10.75 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
 - ↗ APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.008



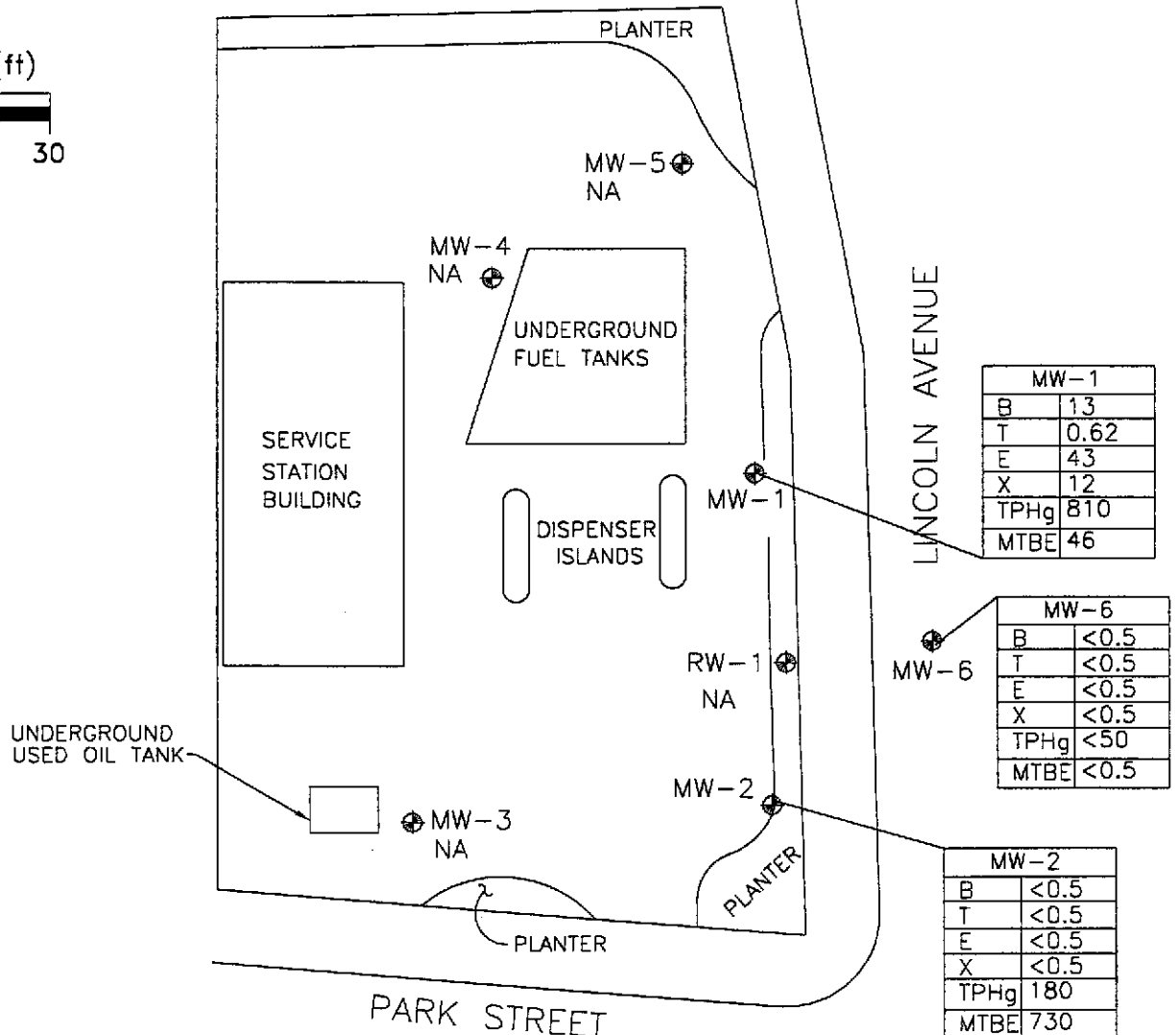
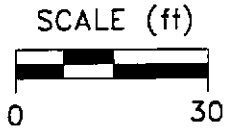
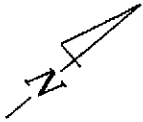
Ref. 11266bm.dwg
 Basemap from Alisto Engineering Group

PREPARED BY

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

**GROUNDWATER ELEVATION CONTOUR MAP,
 SEPTEMBER 27, 2000**

FIGURE:
1
 PROJECT:
 DAC04



MW-1	
B	13
T	0.62
E	43
X	12
TPHg	810
MTBE	46

MW-6	
B	<0.5
T	<0.5
E	<0.5
X	<0.5
TPHg	<50
MTBE	<0.5

MW-2	
B	<0.5
T	<0.5
E	<0.5
X	<0.5
TPHg	180
MTBE	730

- 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
 Base map from Alisto Engineering Group

PREPARED BY

RRM
 engineering contracting firm

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

HYDROCARBON CONCENTRATION MAP,
 SEPTEMBER 27, 2000

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)	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 (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-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	(f) ---	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

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)	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)	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	---	---	---	---	---	---	---	---

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)	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	---	---	---	---	---	---	---	---

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)	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	---	---	---	---	---	---	---	---

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)	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

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)	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	---	---	---	---	---	---	---	---

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

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 Anamatrix, 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

Analytical Appendix



Pace Analytical Services, Inc.

3970 Gilman Street
Long Beach, CA 90815

Phone: 562.498.9515
Fax: 562.597.0786

October 16, 2000

Mr. MORGAN HARGRAVE
BLAINE TECH SERVICES, INC.
1680 ROGERS AVE.
SAN JOSE, CA 95112

RE: Pace Project Number: 6045362
Client Project ID: BP 11266

Dear Mr. HARGRAVE:

Enclosed are the analytical results for sample(s) received by the laboratory on October 3, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lily Bayati
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
3970 Gilman Street
Long Beach, CA 90815
Phone: 562.498.9515
Fax: 562.597.0786

DATE: 10/16/00
PAGE: 1

BLAINE TECH SERVICES, INC.
1680 ROGERS AVE.
SAN JOSE, CA 95112

Pace Project Number: 6045362
Client Project ID: BP 11266

Attn: Mr. MORGAN HARGRAVE
Phone: (408)573-0555 x218

Solid results are reported on a wet weight basis

Pace Sample No:	603866682	Date Collected:	09/27/00	Matrix:	Water
Client Sample ID:	A	Date Received:	10/03/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
------------	---------	-------	-----	----------	---------	------	-----------

Long Beach Lab

GAS BTEX by 8015, Water	Method: EPA 8015/8020 Modif	Prep Method: EPA 8015/8020 Modif
Gasoline	ND ug/l 50	10/07/00 VN
Benzene	ND ug/l 0.5	10/07/00 VN 71-43-2
Toluene	ND ug/l 0.5	10/07/00 VN 108-88-3
Ethylbenzene	ND ug/l 0.5	10/07/00 VN 100-41-4
Methyl-tert-butyl Ether	ND ug/l 0.5	10/07/00 VN 1634-04-4
Xylene (Total)	ND ug/l 0.5	10/07/00 VN 1330-20-7
a,a,a-Trifluorotoluene (S)	113 %	10/07/00 VN 2164-17-2

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 Long Beach, CA 90815
 Phone: 562.498.9515
 Fax: 562.597.0786

DATE: 10/16/00
 PAGE: 2

Pace Project Number: 6045362
 Client Project ID: BP 11266

Pace Sample No: 603866690 Date Collected: 09/27/00 Matrix: Water
 Client Sample ID: B Date Received: 10/03/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
------------	---------	-------	-----	----------	---------	------	-----------

Long Beach Lab

GAS BTEX by 8015, Water		Method: EPA 8015/8020 Modif			Prep Method: EPA 8015/8020 Modif		
Gasoline	180	ug/l	50	10/07/00	VN		
Benzene	ND	ug/l	0.5	10/07/00	VN	71-43-2	
Toluene	ND	ug/l	0.5	10/07/00	VN	108-88-3	
Ethylbenzene	ND	ug/l	0.5	10/07/00	VN	100-41-4	
Methyl-tert-butyl Ether	730	ug/l	38	10/07/00	VN	1634-04-4	
Xylene (Total)	ND	ug/l	0.5	10/07/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	119	%		10/07/00	VN	2164-17-2	

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Long Beach, CA 90815

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Fax: 562.597.0786

DATE: 10/16/00

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Pace Project Number: 6045362

Client Project ID: BP 11266

Pace Sample No: 603866708 Date Collected: 09/27/00 Matrix: Water
Client Sample ID: C Date Received: 10/03/00

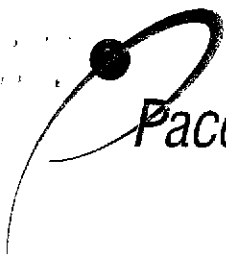
Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
------------	---------	-------	-----	----------	---------	------	-----------

Long Beach Lab

GAS BTEX by 8015, Water		Method: EPA 8015/8020 Modif		Prep Method: EPA 8015/8020 Modif		
Gasoline	810	ug/l	50	10/07/00	VN	
Benzene	13	ug/l	0.5	10/07/00	VN	71-43-2
Toluene	0.62	ug/l	0.5	10/07/00	VN	108-88-3
Ethylbenzene	43	ug/l	0.5	10/07/00	VN	100-41-4
Methyl-tert-butyl Ether	46	ug/l	0.5	10/07/00	VN	1634-04-4
Xylene (Total)	12	ug/l	0.5	10/07/00	VN	1330-20-7
a,a,a-Trifluorotoluene (S)	155	%		10/07/00	VN	2164-17-2

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Pace AnalyticalTM
www.pacelabs.com

Pace Analytical Services, Inc.

3970 Gilman Street
Long Beach, CA 90815

Phone: 562.498.9515
Fax: 562.597.0786

DATE: 10/16/00

PAGE: 4

Pace Project Number: 6045362

Client Project ID: BP 11266

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[1]	Matrix Effect

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 3970 Gilman Street
 Long Beach, CA 90815
 Phone: 562.498.9515
 Fax: 562.597.0786

QUALITY CONTROL DATA

DATE: 10/16/00
 PAGE: 5

BLAINE TECH SERVICES, INC.
 1680 ROGERS AVE.
 SAN JOSE, CA 95112

Pace Project Number: 6045362
 Client Project ID: BP 11266

Attn: Mr. MORGAN HARGRAVE
 Phone: (408)573-0555 x218

QC Batch ID: 92033 QC Batch Method: EPA 8015/8020 Modif
 Analysis Method: EPA 8015/8020 Modif Analysis Description: GAS BTEX by 8015, Water
 Associated Pace Samples: 603866682 603866690 603866708

METHOD BLANK: 603877960
 Associated Pace Samples:

Parameter	Units	603866682 603866690 603866708		Footnotes
		Method Blank Result	PRL	
Gasoline	ug/l	ND	12	
Benzene	ug/l	ND	0.05	
Toluene	ug/l	ND	0.05	
Ethylbenzene	ug/l	ND	0.05	
Methyl-tert-butyl Ether	ug/l	ND	0.05	
Xylene (Total)	ug/l	ND	0.05	
a,a,a-Trifluorotoluene (S)	%	120		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 603877978 603877986

Parameter	Units	603866682		603877986		Matrix Sp. Dup.		RPD	Footnotes
		0	40	Spike Conc.	Result	% Rec	Result		
Gasoline	ug/l	0	40	38.90	97.3	38.70	96.8	1	
Benzene	ug/l	0	6.667	6.850	103	6.890	103	1	
Toluene	ug/l	0	6.667	6.760	101	6.860	103	1	
Ethylbenzene	ug/l	0	6.667	6.963	104	7.050	106	1	
Methyl-tert-butyl Ether	ug/l	0.4778	6.667	7.890	111	8.190	116	4	
Xylene (Total)	ug/l	0	20	20.34	102	20.49	102	1	
a,a,a-Trifluorotoluene (S)					111		114		

REPORT OF LABORATORY ANALYSIS

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CHAIN OF CUSTODY

17122 A

6045362

Page 1 of 1

CONSULTANT'S NAME Blaine Tech Services, Inc.		CONSULTANT'S ADDRESS 1680 Rogers Ave., San Jose CA 95112	
BP SITE NUMBER 11266	BP SITE / FACILITY ADDRESS 1541 Park St., Alameda		CONSULTANT PROJECT NUMBER 000927-23
CONSULTANT PROJECT MANAGER Morgan Hargrave		PHONE NUMBER (408) 573-0555 x 218	FAX NUMBER (408) 573-7771
BP CONTACT Scott Hooton		BP ADDRESS 295 SW 41st Street, Suite N, Renton WA	PHONE NUMBER (425) 251-0689
LAB CONTACT Pace - Lily Bayati		LABORATORY ADDRESS 3970 Gilman Street, Long Beach, CA	PHONE NUMBER (562) 498-9515
BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name)		RUSH REQUESTED OF (Print Consultant Contact Name)	DATE/TIME
			SHIPMENT DATE
			SHIPMENT METHOD Airborne

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

ANALYSIS REQUIRED

AIRBILL NUMBER 3361332155

SAMPLE DESCRIPTION	COLLECTION DATE	COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS		PRESERVATIVE	TPH-G + BTEX / MTBE (8015M)	TPH-D (8015M)	FUEL OXYGENATES (8280)	1,2 DCA + EOB (8010)								COMMENTS	
				NO	TYPE (VOL)	LAB SAMPLE #													
A	9-27-00	1730	W	3	VOA		X												
B	9-27-00	1803	W	3	VOA		X												
C	9-27-00	1825	W	3	VOA		X												

SAMPLED BY (Please Print Name) AIDAN METZGER			SAMPLED BY (Signature) <i>Aidan Metzger</i>				ADDITIONAL COMMENTS 4.8c	
RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME			
AIDAN METZGER <i>Aidan Metzger</i>	9/29/00	14:00	<i>[Signature]</i>	10/3/00	12:00			

Field Data Sheets

BP WELL MONITORING DATA SHEET

Project #: <u>000927-Z3</u>	Job # Site # <u>11266</u>
Sampler: <u>Aidan M.</u>	Date: <u>9-27-00</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>2</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>24.20</u>	Depth to Water: <u>8.58</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

Purge Method: <u>Bailer</u>	Sampling Method: <u>Bailer</u>
<u>Disposable Bailer</u>	<u>Disposable Bailer</u>
Middleburg	Extraction Port
Electric Submersible	Other: <u> </u>
Extraction Pump	
Other: <u> </u>	

<u>2.4</u>	x	<u>3</u>	=	<u>7.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>1816</u>	<u>69.7</u>	<u>8.3</u>	<u>620</u>		<u>2.5</u>	
<u>1818</u>	<u>70.7</u>	<u>8.0</u>	<u>614</u>		<u>5</u>	
<u>1820</u>	<u>70.6</u>	<u>8.0</u>	<u>605</u>		<u>7.5</u>	

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: <u>7.5</u>
Sampling Time: <u>1825</u>	Sampling Date: <u>9-27-00</u>
Sample I.D.: <u>C</u>	Laboratory: <u>Pace</u> Other <u> </u>

Analyzed for: <u>LEH-G</u> <u>BTEX</u> <u>MTBE</u> TPH-D Other: <u> </u>		
D.O. (if req'd):	Pre-purge: <u> </u> mg/L	Post-purge: <u> </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u> </u> mV	Post-purge: <u> </u> mV

BP WELL MONITORING DATA SHEET

Project #: <u>000927-Z3</u>	Job # <u>Site # 11266</u>
Sampler: <u>Aidan M.</u>	Date: <u>9-27-00</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>2</u> 3 4 6 8 <u> </u>
Total Well Depth: 18.66 <u>18.45</u>	Depth to Water: <u>8.57</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

Purge Method: <u>Bailer</u> <u>Disposable Bailer</u> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> Extraction Port Other: _____
--	---

<u>1.7</u>	X	<u>3</u>	=	<u>5.1</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>1724</u>	<u>73.6</u>	<u>7.7</u>	<u>524</u>		<u>2</u>	
<u>1725</u>	<u>73.0</u>	<u>7.3</u>	<u>556</u>		<u>4</u>	
<u>1727</u>	<u>72.9</u>	<u>7.3</u>	<u>473</u>		<u>6</u>	

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: <u>6</u>
Sampling Time: <u>1730</u>	Sampling Date: <u>9-27-00</u>
Sample I.D.: <u>A</u>	Laboratory: <u>Pace</u> Other: _____
Analyzed for: <u>TPH-C</u> <u>RTEX</u> <u>MTBE</u> 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