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

November 7, 2001

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

NOV 15 2001

Re: Former BP Oil Site No. 11266
1541 Park Street
Alameda, CA

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

Dear Ms. Chu:

Enclosed please find 22 October 2001 *Third 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 18 September 2001.

Upon review of the results reported this quarter, you will note that aromatic petroleum hydrocarbons were detected in samples obtained from one of the monitoring wells. The highest benzene concentration (24 µg/l) is associated with well MW-1. MTBE was detected in samples obtained from MW-1 (31.2 µg/l) and MW-2 (178 µg/l).

BP understands that the Alameda County Health Care Services Agency (ACHCSA) is currently evaluating the above-captioned site for closure or no further action. It seems that the collection of additional data will not improve the certainty of pending corrective action decisions. I will assume, then, that the collection of additional monitoring data is no longer necessary.

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

October 22, 2001

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

3rd Quarter 2001 Monitoring at 11266

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

Monitoring Performed on September 18, 2001

Groundwater Sampling Report **010918-R-1**

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

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

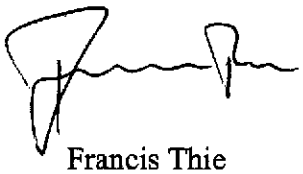
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The **Professional Engineering Appendix**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

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

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

Please call if you have any questions.

Yours truly,

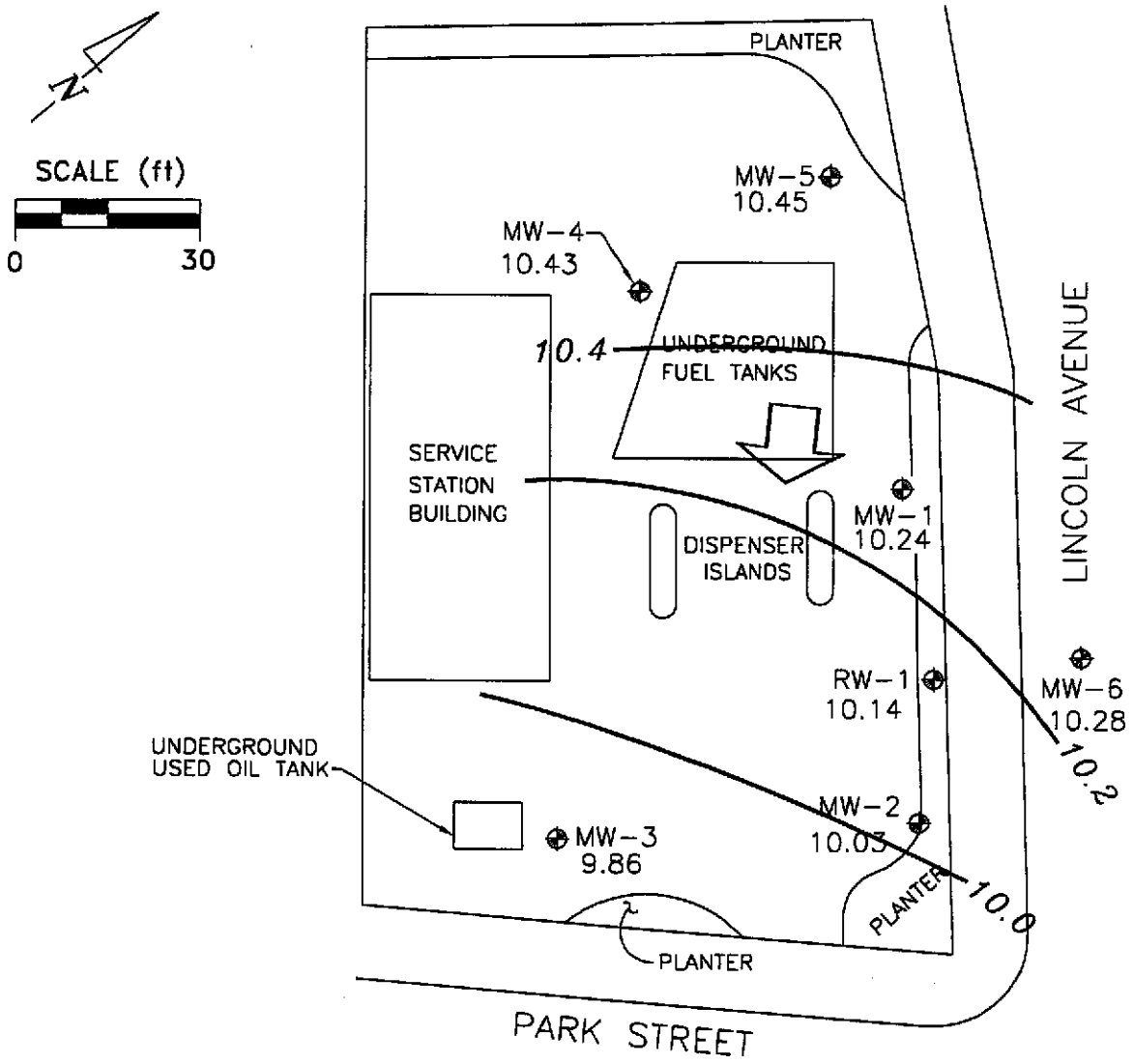


Francis Thie
Vice President

FPT/mb

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

Professional Engineering Appendix



EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- 9.86 GROUNDWATER ELEVATION (FT, MSL)
- 10.0 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.005

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

Ref. 11266bm.dwg
Basemap from Alisto Engineering Group

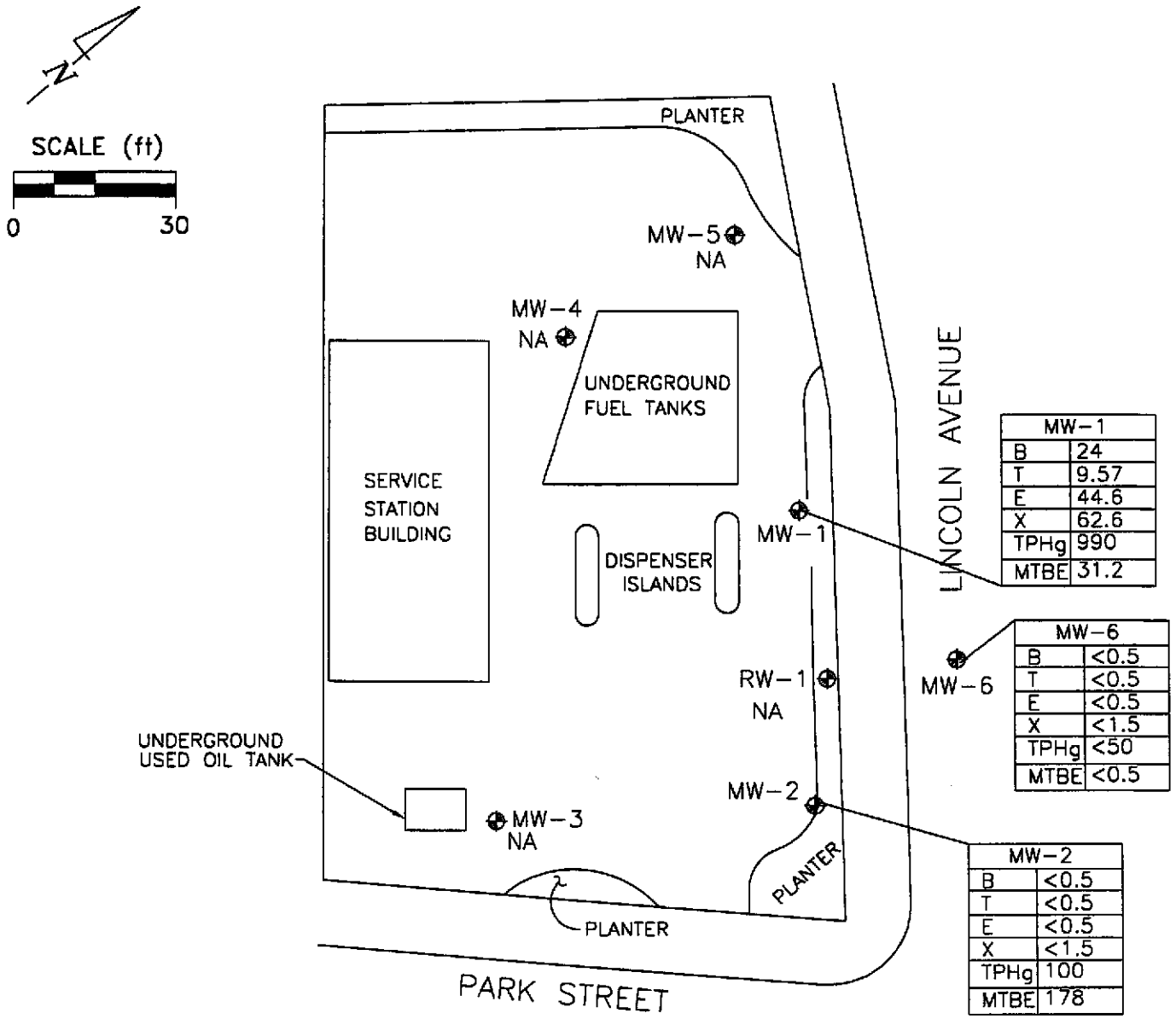
PREPARED BY
RRM
engineering contracting firm

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

GROUNDWATER ELEVATION CONTOUR MAP, SEPTEMBER 18, 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, SEPTEMBER 18, 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	---	(h)	---	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	68412	(h)	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	---	(h)	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
MW-1	03/21/01	19.19		7.47	11.72		1500	28.2	1.68	107	90.5	15.2		---	PACE
MW-1	09/18/01	19.19		8.95	10.24		990	24	9.57	44.6	62.6	31.2		---	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	03/04/88	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	---	(h)	---	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	1622	(d),(h)	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	---	(h)	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
MW-2	09/18/01	19.32		9.29	10.03		100	ND<0.5	ND<0.5	ND<0.5	ND<1.5	178	---	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	---	(h)	---	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	---	---	---	---	---	---		---	---
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	---	(h)	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
MW-3	09/18/01	19.99	10.13	9.86	---	---	---	---	---	---		---	---

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	---	(h)	---	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	---	(h)	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
MW-4	09/18/01	20.17		9.74	10.43		---	---	---	---	---	---		---	---

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	---	(h)	---	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	---	(h)	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
MW-5	09/18/01	19.30		8.85	10.45		---	---	---	---	---	---		---	---

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	---	(h)	---	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	66.3	(h)	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	---	(h)	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
MW-6	09/18/01	19.40		9.12	10.28		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	899	(h)	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	---	(d),(h)	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	---	---	---	---	---	---		---	---
RW-1	09/18/01	19.27	9.13	10.14	---	---	---	---	---	---		---	---

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)	LAB
RW-1	03/21/01	ND<50	PACE
RW-1	09/18/01	ND<50	PACE

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.

(h) A copy of the documentation for this data is included in Blaine Tech Services report 010918-R-1. No chromatograms could be located for all samples taken on October 18, 1994. The data for sampling events taken on March 30, 1992 have been destroyed.

Analytical Appendix

Pace Analytical™
www.pacelabs.com

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

September 28, 2001

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

RE: Lab Project Number: 8523432
Client Project ID: BP Site#11266

Dear Ms. Magyar:

Enclosed are the analytical results for sample(s) received by the laboratory on September 21, 2001. 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
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical™
www.pacelabs.com

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

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

Lab Project Number: 8523432
Client Project ID: BP Site#11266

Attn: Ms. Cindy Magyar
Phone:

Lab Sample No: 851711734 Project Sample Number: 8523432-001 Date Collected: 09/18/01 10:55
Client Sample ID: MW-1 9/18 (11126) Matrix: Water Date Received: 09/21/01 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Lim
GC Volatiles								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	990	ug/l	250	5.0	09/27/01 14:46	WRIC		
1,4-Difluorobenzene (S)	119	%		1.0	09/27/01 14:46	WRIC		
4-Bromofluorobenzene (S)	113	%		1.0	09/27/01 14:46	WRIC	460-00-4	
SW8021 Aromatics, Water	Prep/Method: See analytical meth / EPA 8021							
Benzene	24.0	ug/l	2.50	5.0	09/27/01 14:46	WRIC	71-43-2	
Ethylbenzene	44.6	ug/l	2.50	5.0	09/27/01 14:46	WRIC	100-41-4	
Toluene	9.57	ug/l	2.50	5.0	09/27/01 14:46	WRIC	108-88-3	
Xylene (Total)	62.6	ug/l	7.50	5.0	09/27/01 14:46	WRIC	1330-20-7	
Methyl-tert-butyl ether	31.2	ug/l	2.50	5.0	09/27/01 14:46	WRIC	1634-04-4	
1,4-Difluorobenzene (S)	102	%		1.0	09/27/01 14:46	WRIC		
4-Bromofluorobenzene (S)	99	%		1.0	09/27/01 14:46	WRIC	460-00-4	

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical™
www.pacelabs.com

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

Lab Project Number: 8523432
Client Project ID: BP Site#11266

Lab Sample No: 851711735 Project Sample Number: 8523432-002 Date Collected: 09/18/01 10:30
Client Sample ID: MW-2 9/18 (11126) Matrix: Water Date Received: 09/21/01 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed		CAS No.	Ftnote	Reg Lim
GC Volatiles									
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified								
Gasoline Range Organics	100	ug/l	50.	1.0	09/27/01 13:21	WRIC			
1,4-Difluorobenzene (S)	118	%		1.0	09/27/01 13:21	WRIC			
4-Bromofluorobenzene (S)	105	%		1.0	09/27/01 13:21	WRIC	460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical meth / EPA 8021								
Benzene	ND	ug/l	0.500	1.0	09/27/01 13:21	WRIC	71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	09/27/01 13:21	WRIC	100-41-4		
Toluene	ND	ug/l	0.500	1.0	09/27/01 13:21	WRIC	108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	09/27/01 13:21	WRIC	1330-20-7		
Methyl-tert-butyl ether	178.	ug/l	0.500	1.0	09/27/01 13:21	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	101	%		1.0	09/27/01 13:21	WRIC			
4-Bromofluorobenzene (S)	96	%		1.0	09/27/01 13:21	WRIC	460-00-4		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™
www.pacelabs.com

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

Lab Project Number: 8523432
Client Project ID: BP Site#11266

Lab Sample No: 851711736 Project Sample Number: 8523432-003 Date Collected: 09/18/01 09:55
Client Sample ID: MW-6 9/18 (11126) Matrix: Water Date Received: 09/21/01 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Lim
GC Volatiles								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	ND	ug/l	50.	1.0	09/27/01 11:24	WRIC		
1,4-Difluorobenzene (S)	116	%		1.0	09/27/01 11:24	WRIC		
4-Bromofluorobenzene (S)	106	%		1.0	09/27/01 11:24	WRIC 460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical meth / EPA 8021							
Benzene	ND	ug/l	0.500	1.0	09/27/01 11:24	WRIC 71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	09/27/01 11:24	WRIC 100-41-4		
Toluene	ND	ug/l	0.500	1.0	09/27/01 11:24	WRIC 108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	09/27/01 11:24	WRIC 1330-20-7		
Methyl-tert-butyl ether	ND	ug/l	0.500	1.0	09/27/01 11:24	WRIC 1634-04-4		
1,4-Difluorobenzene (S)	98	%		1.0	09/27/01 11:24	WRIC		
4-Bromofluorobenzene (S)	97	%		1.0	09/27/01 11:24	WRIC 460-00-4		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™
www.pacelabs.com

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

Lab Project Number: 8523432
Client Project ID: BP Site#11266

Lab Sample No: 851711737 Project Sample Number: 8523432-004 Date Collected: 09/19/01 09:42
Client Sample ID: RW-1 (11126) Matrix: Water Date Received: 09/21/01 08:40

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Lim
Metals								
SW6010 Diss. Metals, Routine	Prep/Method: EPA 6010 / EPA 6010							
Lead, Dissolved	ND	ug/l	50.0	1.0	09/27/01	PBAR 7439-92-1		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™
www.pacelabs.com

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

Lab Project Number: 8523432
Client Project ID: BP Site#11266

PARAMETER FOOTNOTES

ND Not Detected
NC Not Calculable
(S) Surrogate

Pace Analytical™
www.pacelabs.com

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

QUALITY CONTROL DATA

Lab Project Number: 8523432
Client Project ID: BP Site#11266

QC Batch: 58411 Analysis Method: EPA 8021
QC Batch Method: See analytical meth Analysis Description: SW8021 Aromatics, Water
Associated Lab Samples: 851711734 851711735 851711736

METHOD BLANK: 851712453
Associated Lab Samples: 851711734 851711735 851711736

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)	%	97		

LABORATORY CONTROL SAMPLE: 851712454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Benzene	ug/l	50	50.51	101	
Ethylbenzene	ug/l	50	49.86	100	
Toluene	ug/l	50	50.35	101	
Xylene (Total)	ug/l	100	100.6	101	
Methyl-tert-butyl ether	ug/l	50	50.00	100	
1,4-Difluorobenzene (S)				102	
4-Bromofluorobenzene (S)				98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851712455 851712456

Parameter	Units	851711736 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Benzene	ug/l	0	50.00	53.45	52.35	107	105	2	
Ethylbenzene	ug/l	0	50.00	50.23	48.16	100	96	4	
Toluene	ug/l	0	50.00	51.35	49.27	103	98	4	
Xylene (Total)	ug/l	0	100.00	93.47	87.01	94	87	7	

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical™
www.pacelabs.com

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

QUALITY CONTROL DATA

Lab Project Number: 8523432
Client Project ID: BP Site#11266

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851712455 851712456

Parameter	Units	851711736 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Methyl-tert-butyl ether	ug/l	0	50.00	51.08	52.86	102	106	3	
1,4-Difluorobenzene (S)						102	102		
4-Bromofluorobenzene (S)						97	98		

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical™
www.pacelabs.com

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

QUALITY CONTROL DATA

Lab Project Number: 8523432
Client Project ID: BP Site#11266

QC Batch: 58412 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 8015 Modified Analysis Description: GAS by Mod 8015, Water
Associated Lab Samples: 851711734 851711735 851711736

METHOD BLANK: 851712457
Associated Lab Samples: 851711734 851711735 851711736

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Gasoline Range Organics	ug/l	ND	50.	
1,4-Difluorobenzene (S)	%	118		
4-Bromofluorobenzene (S)	%	106		

LABORATORY CONTROL SAMPLE: 851712458

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Gasoline Range Organics	ug/l	1000	1017	102	
1,4-Difluorobenzene (S)				121	
4-Bromofluorobenzene (S)				113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851712459 851712460

Parameter	Units	851711504 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Gasoline Range Organics	ug/l	340.7	1000.00	1127	1088	79	75	4	
1,4-Difluorobenzene (S)						127	127		
4-Bromofluorobenzene (S)						123	124		

Pace Analytical™
www.pacelabs.com

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

QUALITY CONTROL DATA

Lab Project Number: 8523432
Client Project ID: BP Site#11266

QC Batch: 58247
QC Batch Method: EPA 6010
Associated Lab Samples: 851711737

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

METHOD BLANK: 851711794
Associated Lab Samples: 851711737

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Lead, Dissolved	ug/l	ND	50.0	

LABORATORY CONTROL SAMPLE: 851711795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Lead, Dissolved	ug/l	250	263.4	105	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851711796 851711797

Parameter	Units	851711737 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Lead, Dissolved	ug/l	0	250.00	268.9	273.0	108	109	2	

Pace Analytical™
www.pacelabs.com

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

Lab Project Number: 8523432
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.

LCS(D)Laboratory Control Sample (Duplicate)
MS(D)Matrix Spike (Duplicate)
DUP Sample Duplicate
ND Not Detected
NC Not Calculable
RPD Relative Percent Difference
(S) Surrogate

BP

CHAIN OF CUSTODY

Page 1 of 1

CONSULTANT'S NAME	CONSULTANT'S ADDRESS		
Blaine Tech Services, Inc.	1680 Rogers Ave., San Jose CA 95112		
BP SITE NUMBER: 11266	BP SITE / FACILITY ADDRESS: 1541 Park St., Alameda		CONSULTANT PROJECT NUMBER: 010918-R3
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)	COMMENTS
MW-1	9/18	1055	W	3	VOA's		X				8577147341992 / 1 34
MW-2	"	1030	"	3	"		X				35
MW-6	9/18	955	W	3	VOA's		X				30

SAMPLED BY (Please Print Name): Henry Chatman

SAMPLED BY (Signature):

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
	9/18/01	9/01/01		9/18/01	1719
			AIRBORNE EXPRESS	9/20/01	1256

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: 010918-R-1
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 Lead					COMMENTS
RW-1	9/19/01	942	W	1	NP 1-Liter	HNO_3					X					851711737 1952/5

SAMPLED BY (Please Print Name): Shawn O'Bryan

SAMPLED BY (Signature):

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
Shawn O'Bryan	9/20/01	1756	AIRBORNE EXPRESS	9/20/01	1756
			Jana McKinney 2.3°C	9/21/01	8:40

MTBE Data Request

BP Project No: **11266** *1541 park st, alameda, CA*

3/30/92	no lab #s accessible - any info you are able to provide will be helpful.

sample date	sample source	field ID#	Lab ID #	analysis date
3/29/94	mw1		700295769	4/4/94
3/29/94	mw2		700295750	4/4/94
3/29/94	mw6		700295742	4/4/94
3/29/94	rw1		700295734	4/4/94
10/18/94	mw1	s6	700352908	10/28/94
10/18/94	mw2	s5	700352894	10/28/94
10/18/94	mw3	s7	700352916	10/28/94
10/18/94	mw3	s8	700352924	10/28/94
10/18/94	mw4	s2	700352860	10/28/94
10/18/94	mw5	s1	700352851	10/28/94
10/18/94	mw6	s3	700352878	10/28/94
10/18/94	rw1	s4	700352886	10/28/94

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

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

5-Jun-01

EPA 8020 Chromatogram Review

Site - 11266

Pace Sample #	Matrix / Units	Sample ID	Date Sampled	Date Run	Inst.	MTBE	
70 0295734	Water / ug/L	RW1	3/29/94	4/4/94	70-Q-1Lease	899	
70 0295742	Water / ug/L	MW6	3/29/94	4/4/94	70-Q-1Lease	66.3	
70 0295750	Water / ug/L	MW2	3/29/94	4/4/94	70-Q-1Lease	1622	**
70 0295769	Water / ug/L	MW1	3/29/94	4/4/94	70-Q-1Lease	68412	**
70 0352851	Water / ug/L	MW5	10/18/94	10/28/94	*	*	
70 0352860	Water / ug/L	MW4	10/18/94	10/28/94	*	*	
70 0352878	Water / ug/L	MW6	10/18/94	10/28/94	*	*	
70 0352886	Water / ug/L	RW1	10/18/94	10/28/94	*	*	
70 0352894	Water / ug/L	MW2	10/18/94	10/28/94	*	*	
70 0352908	Water / ug/L	MW1	10/18/94	10/28/94	*	*	
70 0352916	Water / ug/L	MW3	10/18/94	10/28/94	*	*	
70 0352924	Water / ug/L	MW3	10/18/94	10/28/94	*	*	

The data for the following sampling events has been destroyed:
March 30, 1992

* No chromatograms could be located for these samples.

** The MTBE result is above the calibration range.

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

SEQUOIA ANALYTICAL

Reggy Penner
Laboratory Director

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

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

28-Nov-00

EPA 8020 Chromatogram Review

Site - 11266

Pace Sample #	Matrix / Units	Sample ID	Date Sampled	Date Run	Inst.	MTBE	
70 0163250	Water / ug/L	I-1	9/28/93	10/5/93	70-Q-8	896	**
70 0163277	Water / ug/L	A-1	9/28/93	10/5/93	70-Q-8	878	**
70 0163285	Water / ug/L	E-1	9/28/93	10/5/93	70-Q-8	728	**

The data for the following sampling events has been destroyed:

September 16, 1992
November 2, 1992
November 4, 1992
November 6, 1992
November 10, 1992
November 16, 1992

** The MTBE result is above the calibration range.

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

SEQUOIA ANALYTICAL

Peggy Penner
Laboratory Director

Field
Data
Sheets

WELL GAUGING DATA

Project # 010918-R1 Date 9/18/01 Client BP 11266

Site 1541 PARK ST

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	Sock in well				8.95	23.87	TOC	3
MW-2	2					9.29	24.68		2
MW-3	2					10.13	19.54		
MW-4	2					9.74	21.40		
MW-5	2					8.85	24.00		
MW-6	2					9.12	18.29		1
RW-1	6					9.13	28.45	TOC	

BP WELL MONITORING DATA SHEET

Project #: 010918-R1	Station # 11266
Sampler: T	Date: 9/18/01
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 23.87	Depth to Water: 8.95
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: ___

2.3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1039	69.4	7.0	562.0	3	Turbid / odor
1042	70.3	7.0	554.7	5	"
1045	70.8	7.0	556.0	7	"

Did well dewater? Yes (No)		Gallons actually evacuated: 7	
Sampling Time: 1055		Sampling Date: 9/18/01	
Sample I.D. (Blind): MW-1		Laboratory: (Pace)	Other ___
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

BP WELL MONITORING DATA SHEET

Project #: 010918-R1	Station # 11266
Sampler: T	Date: 9/18/01
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 24.68	Depth to Water: 9.29
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 / (X) Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

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

1 Case Volume (Gals.)	X Specified Volumes	= Calculated Volume
2.4	3	7 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1013	68.5	7.0	496.0	3	Turbid
1016	69.3	7.0	470.8	5	"
1019	69.1	7.1	448.0	7	"

Did well dewater? Yes (No)		Gallons actually evacuated: 7	
Sampling Time: 1030		Sampling Date: 9/18/01	
Sample I.D. (Blind): MW-2		Laboratory: (Pace)	Other ___
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

BP WELL MONITORING DATA SHEET

Project #: 010918-R1	Station # 11266
Sampler: T	Date: 9/18/01
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.29	Depth to Water: 9.12
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: ____

1.4	X	3	=	4	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
941	73.2	6.8	361.9	2	Turbid
944	74.1	6.9	346.0	3	"
947	74.4	6.9	367.3	4	"

Did well dewater? Yes (No) Gallons actually evacuated: 4

Sampling Time: 955 Sampling Date: 9/18/01

Sample I.D. (Blind): MW-6 Laboratory: (Pace) Other ____

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

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

BP WELL MONITORING DATA SHEET

Project #: 010919-B1	Station # 11266
Sampler: O'Bryan	Date: 9/19/01
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 28.45	Depth to Water: 9.13
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: ___

28.11 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 85.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
932	66.1	6.3	705	30	
935	67.3	6.9	619	60	
938	67.5	7.2	597	90	

Did well dewater? Yes (No) Gallons actually evacuated: 90

Sampling Time: 942 Sampling Date: 9/19/01

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Dissolved Lead

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