

BP Amoco



Rolele

Scott T. Hooton
Team Leader

BP Amoco Oil Corporation
295 SW 41st Street
Bldg 13, Suite N
Renton, WA 98055
425/251-0689
425/251-0736 FAX

July 12, 2000

Alameda County Health Care Services Agency
Attention Ms. Susan Hugo
1131 Harbour Bay Parkway, Room 250
Alameda, CA 94502-6577

RE: Former BP Oil Site No. 11126
1700 Powell Street (at Christie)
Emeryville, CA

Dear Ms. Hugo:

Enclosed find the 30 June 2000 groundwater monitoring and sampling report prepared on behalf of BP by Blaine Tech Services.

The enclosed report shows that MTBE and other aromatic hydrocarbons were detected in samples obtained from wells MW-1 and MW-9.

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

Sincerely,

Scott Hooton

attachment

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

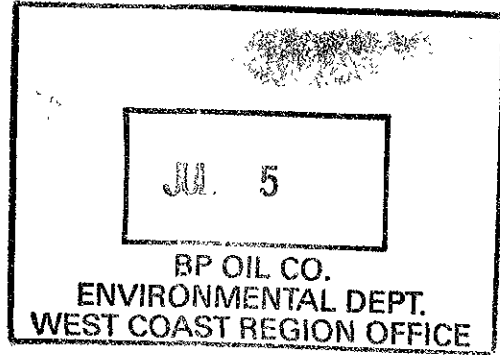
BLAINE
TECH SERVICES INC.



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

June 30, 2000

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



2nd Quarter 2000 Monitoring at 11126

Second Quarter 2000 Groundwater Monitoring
BP Service Station Number 11126
1700 Powell St.
Emeryville, CA

Monitoring Performed on May 26, 2000

Groundwater Sampling Report 000526-N-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,

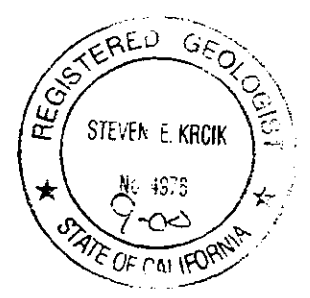
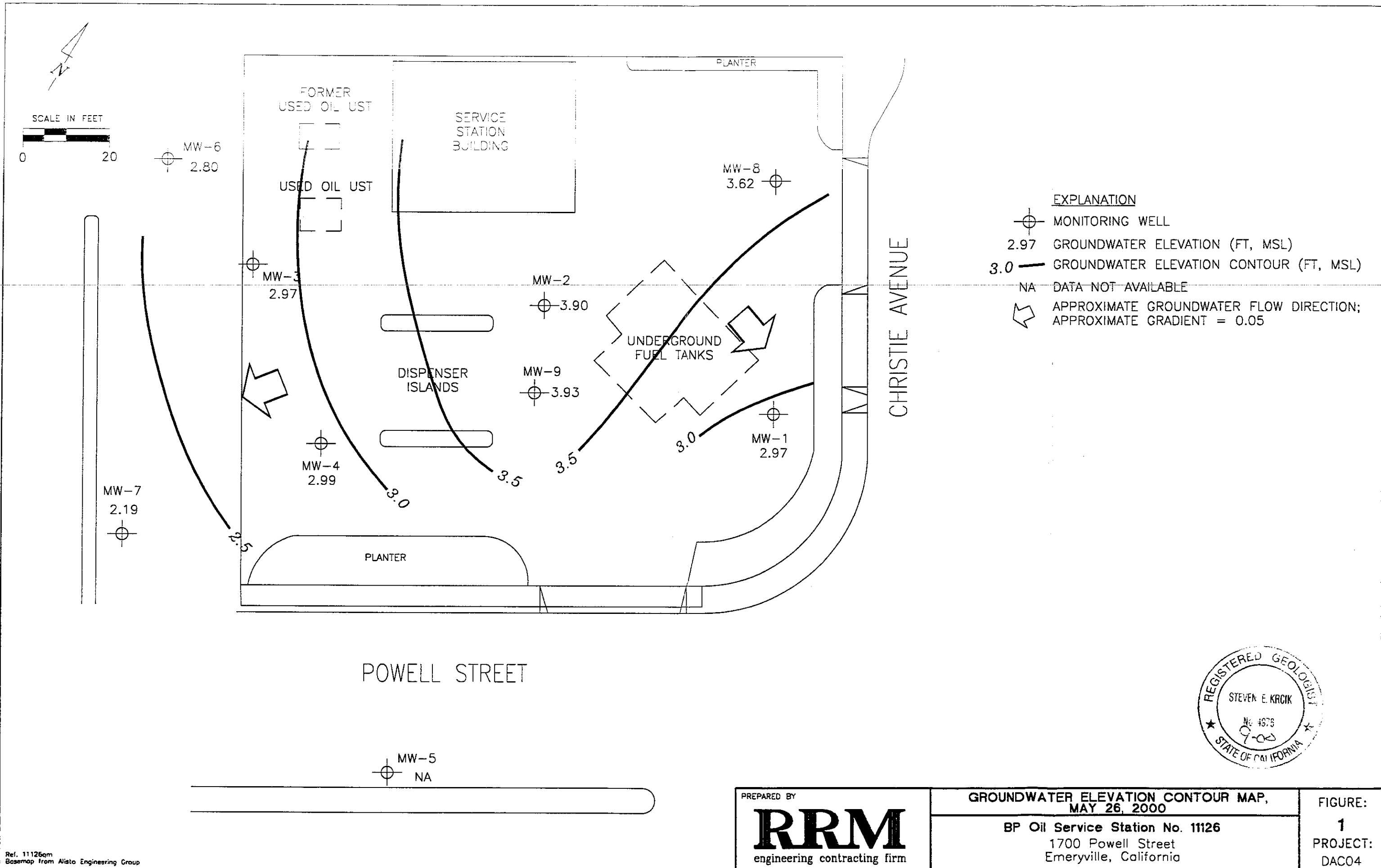


Francis Thie
Vice President

FPT/cm

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

Professional Engineering Appendix

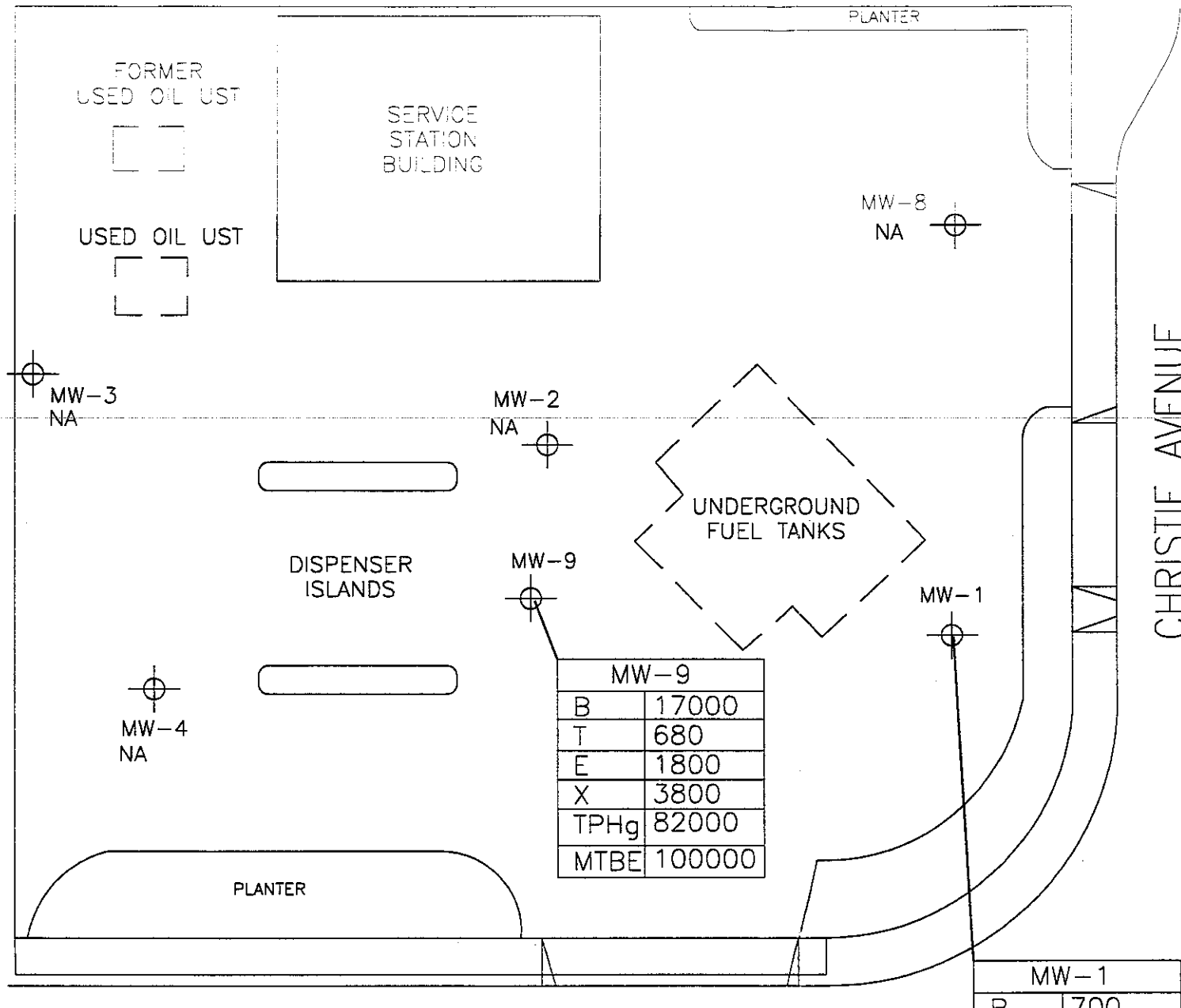
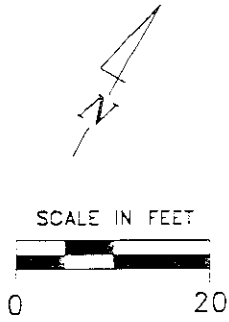


PREPARED BY
RRM
 engineering contracting firm

GROUNDWATER ELEVATION CONTOUR MAP,
 MAY 26, 2000
 BP Oil Service Station No. 11126
 1700 Powell Street
 Emeryville, California

FIGURE:
1
 PROJECT:
 DAC04

Ref. 11126am
 Base map from Alisto Engineering Group



- EXPLANATION**
- ⊕ 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

MW-9	
B	17000
T	680
E	1800
X	3800
TPHg	82000
MTBE	100000

MW-1	
B	700
T	44
E	140
X	250
TPHg	110000
MTBE	320000

Ref. 11126gm
Basemap from Alisto Engineering Group

PREPARED BY

HYDROCARBON CONCENTRATION MAP,
MAY 26, 2000

BP Oil Service Station No. 11126
1700 Powell Street
Emeryville, California

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 (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB	
MW-1	11/04/92	7.76	4.96	---	2.80	5300	---	1100	480	ND<0.5	1500	---	---	---	---	PACE	
MW-1	10/12/93	7.76	5.26	---	2.50	3600	---	970	71	100	550	---	---	---	---	PACE	
MW-1	02/15/94	7.76	4.98	---	2.78	17000	---	4200	510	360	1600	---	---	---	3.9	PACE	
MW-1	05/11/94	7.76	4.55	---	3.21	5500	---	2900	37	56	64	---	---	---	8.0	PACE	
MW-1	08/01/94	7.76	5.51	---	2.25	15000	---	3600	740	510	2800	9700	(d)	---	---	2.9	PACE
QC-1 (e)	08/01/94	---	---	---	---	16000	---	3600	750	510	2800	9800	(d)	---	---	---	PACE
MW-1	10/18/94	7.76	5.11	---	2.65	16000	---	1800	61	160	890	---	---	---	2.9	PACE	
QC-1 (e)	10/18/94	---	---	---	---	16000	---	1900	64	170	950	---	---	---	---	---	PACE
MW-1	01/13/95	7.76	3.05	---	4.71	220	---	7	ND<0.5	1	23	---	---	---	6.6	ATI	
QC-1 (e)	01/13/95	---	---	---	---	590	---	88	0.7	ND<0.5	55	---	---	---	---	---	ATI
MW-1	04/13/95	7.76	3.84	---	3.92	9300	---	4000	300	200	950	---	---	---	7.7	ATI	
MW-1	07/11/95	7.76	3.60	---	4.16	15000	---	2200	84	ND<25	2500	---	---	---	8.8	ATI	
MW-1	11/02/95	7.76	4.58	---	3.18	19000	---	920	ND<100	ND<100	430	52000	---	---	7.3	ATI	
MW-1	02/05/96	7.76	4.43	---	3.33	4600	---	1400	330	54	247	8700	---	---	3.2	SPL	
MW-1	04/24/96	7.76	4.00	---	3.76	2000	---	510	33	61	228	4500	---	---	7.5	SPL	
MW-1	07/15/96	7.76	4.30	---	3.46	---	---	---	---	---	---	---	---	---	---	---	
MW-1	07/16/96	7.76	---	---	---	12000	---	2800	170	390	1630	64000	---	---	7.9	SPL	
QC-1 (e)	07/16/96	---	---	---	---	12000	---	2800	160	390	1610	63000	---	---	---	SPL	
MW-1	07/30/96	7.76	4.64	---	3.12	---	---	---	---	---	---	---	---	---	---	---	
MW-1	08/12/96	7.76	---	---	---	11000	---	2500	160	ND<10	1740	440000	---	---	7.0	SPL	
MW-1	11/04/96	7.76	5.98	---	1.78	---	---	---	---	---	---	---	---	---	---	---	
MW-1	11/05/96	7.76	---	---	---	53000	---	1300	43	100	349	42000/19000	(f)	---	6.6	SPL	
MW-1	05/17/97	7.76	4.65	---	3.11	52000	---	1958	55	305	1216	140198	---	---	5.7	SPL	
MW-1	08/11/97	7.76	4.90	---	2.86	25000	---	540	6.7	ND<5.0	57	360000	---	---	7.9	SPL	
MW-1	11/17/97	7.76	6.12	---	1.64	93000	---	1200	31	180	40	400000	---	---	7.6	SPL	
MW-1	01/29/98	7.76	4.90	---	2.86	4800	---	320	24	52	19.9	ND<50	---	---	6.6	SPL	
MW-1	06/22/98	7.76	4.62	---	3.14	63000	---	180	ND<5.0	15	69	57000	---	---	6.0		
MW-1	12/30/98	7.76	5.41	---	2.35	22000	---	2500	24	120	400	15000/13000	(f)	---	---	SPL	
MW-1	03/09/99	7.76	3.40	---	4.36	16000	---	2000	84	290	510	13000	---	---	---	SPL	
MW-1	06/23/99	7.76	4.60	---	3.16	9600	---	4500	21	160	260	24000	---	---	---	SPL	
MW-1	09/23/99	7.76	4.21	---	3.55	3800	---	1600	32	150	240	7100	---	---	---	SPL	
MW-1	12/28/99	7.76	4.10	---	3.66	3400	---	ND<2200	17	53	130	5500	---	---	---	PACE	
MW-1	03/22/00	7.76	5.51	---	2.25	6400	---	1100	45	190	330	4900	---	---	---	PACE	
MW-1	05/26/00	7.76	4.79	---	2.97	110000	---	700	44	140	250	320000	---	---	---	PACE	

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-2	11/04/92	8.56	5.88	---	2.68	12000	---	3900	1300	ND<0.5	2300	---	---	---	---	PACE
QC-1 (e)	11/04/92	---	---	---	---	12000	---	3200	980	ND<0.5	1900	---	---	---	---	PACE
MW-2	10/12/93	8.56	6.29	---	2.27	4500	---	3400	180	230	940	---	---	---	---	PACE
MW-2	02/15/94	8.56	5.56	---	3.00	2000	---	430	270	28	390	---	---	---	4.0	PACE
QC-1 (e)	02/15/94	---	---	---	---	1800	---	290	160	14	250	---	---	---	---	PACE
MW-2	05/11/94	8.56	5.17	---	3.39	14000	---	3900	1200	440	1900	---	---	---	8.9	PACE
QC-1 (e)	05/11/94	---	---	---	---	15000	---	5600	1500	470	2000	740	(d)	---	---	PACE
MW-2	08/01/94	8.56	5.43	---	3.13	8200	---	3000	420	230	680	---	---	---	2.6	PACE
MW-2	10/18/94	8.56	5.71	---	2.85	9000	---	2000	140	150	420	---	---	---	7.2	PACE
MW-2	01/13/95	8.56	4.67	---	3.89	7900	---	2200	42	ND<5	770	---	---	---	6.8	ATI
MW-2	04/13/95	8.56	4.37	---	4.19	33000	---	8000	2500	1100	6600	---	---	---	7.5	ATI
QC-1 (e)	04/13/95	---	---	---	---	25000	---	6500	1500	110	5300	---	---	---	---	ATI
MW-2	07/11/95	8.56	4.51	---	4.05	19000	---	3300	99	7.5	4600	---	---	---	7.8	ATI
QC-1 (e)	07/11/95	---	---	---	---	28000	---	6800	1000	900	4900	---	---	---	---	ATI
MW-2	11/02/95	8.56	5.55	---	3.01	20000	---	3800	1200	570	2700	15000	---	---	7.3	ATI
QC-1 (e)	11/02/95	---	---	---	---	22000	---	4000	1200	600	2700	19000	---	---	---	ATI
MW-2	02/05/96	8.56	5.10	---	3.46	1200	---	320	220	26	187	99	---	---	2.2	SPL
QC-1 (e)	02/05/96	---	---	---	---	910	---	290	180	19	137	93	---	---	---	SPL
MW-2	04/24/96	8.56	4.95	---	3.61	ND<500	---	70	22	ND<10	61	ND<50	---	---	7.0	SPL
QC-1 (e)	04/24/96	---	---	---	---	ND<500	---	100	30	ND<10	71	ND<100	---	---	---	SPL
MW-2	07/15/96	8.56	5.40	---	3.16	---	---	---	---	---	---	---	---	---	---	---
MW-2	07/16/96	8.56	---	---	---	12000	---	3300	1400	250	2610	1400	---	---	7.8	SPL
MW-2	07/30/96	8.56	5.44	---	3.12	---	---	---	---	---	---	---	---	---	---	---
MW-2	11/04/96	8.56	7.06	---	1.50	---	---	---	---	---	---	---	---	---	---	---
MW-2	11/05/96	8.56	---	---	---	7200	---	1400	230	38	2110	1100	---	---	7.4	SPL
QC-1 (e)	11/05/96	---	---	---	---	9200	---	1300	170	ND<25	2240	1100	---	---	---	SPL
MW-2	05/17/97	8.56	5.77	---	2.79	570	---	42	ND<5.0	5.0	60	210	---	---	6.9	SPL
MW-2	08/11/97	8.56	5.71	---	2.85	6300	---	1800	130	86	397	2400	---	---	8.5	SPL
MW-2	11/17/97	8.56	6.91	---	1.65	2400	---	220	30	33	259	130	---	---	7.9	SPL
MW-2	01/29/98	8.56	4.61	---	3.95	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	6.2	SPL
MW-2	06/22/98	8.56	4.80	---	3.76	4200	---	640	150	120	650	560	---	---	5.4	SPL
MW-2	12/30/98	8.56	5.21	---	3.35	---	---	---	---	---	---	---	---	---	---	---
MW-2	06/23/99	8.56	5.30	---	3.26	---	---	---	---	---	---	---	---	---	---	---
MW-2	09/23/99	8.56	4.75	---	3.81	3800	---	760	19	210	960	910	---	---	---	SPL
MW-2	12/28/99	8.56	4.51	---	4.05	---	---	---	---	---	---	---	---	---	---	---
MW-2	03/22/00	8.56	4.21	---	4.35	2500	---	780	17	44	270	2800	---	---	---	PACE
MW-2	05/26/00	8.56	4.66	---	3.90	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-3	11/04/92	8.25	6.38	---	1.87	200	690	1.6	ND<0.5	ND<0.5	1.1	---	ND<5000	ND	---	PACE
MW-3	10/12/93	8.25	5.84	---	2.41	270	2100	5.0	0.7	ND<0.5	2.6	---	ND<5000	ND	---	PACE
QC-1 (e)	10/12/93	---	---	---	---	150	---	5.6	0.6	ND<0.5	1.6	---	---	---	---	PACE
MW-3	02/15/94	8.25	6.60	---	1.65	140	2.3	5.7	ND<0.5	ND<0.5	ND<0.5	---	90	ND	3.9	PACE
MW-3	05/11/94	8.25	5.86	---	2.39	190	2500	2.7	1.9	ND<0.5	1.9	51	(d) ND<5000	ND	9.2	PACE
MW-3	08/01/94	8.25	6.13	---	2.12	120	1300	1.3	ND<0.5	0.5	1.1	---	ND<5000	ND	2.9	PACE
MW-3	10/18/94	8.25	6.39	---	1.86	100	2200	2.3	ND<0.5	ND<0.5	ND<0.5	---	ND<5000	ND	3.6	PACE
MW-3	01/13/95	8.25	5.47	---	2.78	ND<50	970	0.8	ND<0.5	ND<0.5	ND<1	---	---	ND	7.7	ATI
MW-3	04/13/95	8.25	5.17	---	3.08	530	ND<500	8.7	1.9	ND<0.5	3.9	---	2100	ND	8.4	ATI
MW-3	07/11/95	8.25	5.37	---	2.88	78	2100	0.57	ND<0.50	ND<0.50	ND<1.0	---	1900	ND	8.3	ATI
MW-3	11/02/95	8.25	6.29	---	1.96	250	2000	0.73	ND<0.50	ND<0.50	1.8	270	1400	ND	8.3	ATI
MW-3	02/05/96	8.25	5.80	---	2.45	ND<50	1600	ND<0.5	ND<1	ND<1	2.7	11	9000	ND	3.5	SPL
MW-3	04/24/96	8.25	5.69	---	2.56	ND<50	2800	ND<5	ND<10	ND<10	ND<10	150	6000	ND	8.6	SPL
MW-3	07/15/96	8.25	6.18	---	2.07	ND<250	3700	ND<2.5	ND<5	ND<5	ND<5	ND<50	1000	ND	7.7	SPL
MW-3	07/30/96	8.25	6.04	---	2.21	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/04/96	8.25	7.84	---	0.41	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/05/96	8.25	---	---	---	90	890	ND<0.5	ND<1.0	ND<1.0	ND<1.0	30	2000	ND	6.8	SPL
MW-3	05/17/97	8.25	6.49	---	1.76	ND<50	2100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	52	700	ND	6.3	SPL
MW-3	08/11/97	8.25	6.15	---	2.10	490	1900	ND<2.5	ND<5.0	ND<5.0	ND<5.0	170	ND<5000	ND	7.4	SPL
MW-3	11/17/97	8.25	7.15	---	1.10	120	2500	ND<0.5	ND<1.0	ND<1.0	ND<1.0	46	ND<5000	ND	7.0	SPL
MW-3	01/29/98	8.25	5.10	---	3.15	270	1700	0.53	ND<1.0	ND<1.0	ND<1.0	330	2000	ND	6.4	SPL
MW-3	06/22/98	8.25	5.50	---	2.75	200	2200	ND<0.5	ND<1.0	ND<1.0	ND<1.0	130	ND<5	ND	5.5	SPL
MW-3	12/30/98	8.25	6.68	---	1.57	---	---	---	---	---	---	---	---	---	---	---
MW-3	03/09/99	8.25	5.53	---	2.72	60	840	ND<1.0	ND<1.0	ND<1.0	ND<1.0	19	7600	---	---	SPL
MW-3	06/23/99	8.25	6.60	---	1.65	---	---	---	---	---	---	---	---	---	---	---
MW-3	09/23/99	8.25	6.17	---	2.08	---	---	---	---	---	---	---	---	---	---	---
MW-3	12/28/99	8.25	6.00	---	2.25	---	---	---	---	---	---	---	---	---	---	---
MW-3	03/22/00	8.25	4.77	---	3.48	690	ND<58	4.2	3.1	0.81	2.7	2900	13000	---	---	PACE
MW-3	05/26/00	8.25	5.28	---	2.97	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-4	11/04/92	8.12	6.66	---	1.46	340	---	4.5	ND<0.5	4.3	ND<0.5	---	---	---	---	PACE
MW-4	10/12/93	8.12	6.87	---	1.25	160	---	5.8	1.4	0.8	2.7	---	---	---	---	PACE
MW-4	02/15/94	8.12	6.61	---	1.51	110	---	4.4	0.7	ND<0.5	2.5	120	(d)	---	4.3	PACE
MW-4	05/11/94	8.12	5.89	---	2.23	120	---	0.5	0.8	ND<0.5	ND<0.5	140	(d)	---	9.3	PACE
MW-4	08/01/94	8.12	6.87	---	1.25	140	---	0.7	2.0	5.2	15	---	---	---	3.3	PACE
MW-4	10/18/94	8.12	6.62	---	1.50	140	---	3.5	ND<0.5	0.5	ND<0.5	---	---	---	3.0	PACE
MW-4	01/13/95	8.12	7.27	---	0.85	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	7.9	ATI
MW-4	04/13/95	8.12	6.51	---	1.61	73	---	1.2	ND<0.5	ND<0.5	ND<1	---	---	---	9.9	ATI
MW-4	07/11/95	8.12	6.21	---	1.91	82	---	0.57	ND<0.50	ND<0.50	ND<1.0	---	---	---	7.2	ATI
MW-4	11/02/95	8.12	6.78	---	1.34	71	---	1.4	0.96	0.99	2.8	140	---	---	8.6	ATI
MW-4	02/05/96	8.12	6.41	---	1.71	ND<50	---	ND<5	ND<10	ND<10	ND<10	200	---	---	4.4	SPL
MW-4	04/24/96	8.12	6.18	---	1.94	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	510	---	---	8.3	SPL
MW-4	07/15/96	8.12	6.63	---	1.49	ND<50	---	5.7	ND<1	ND<1	ND<1	550	---	---	7.4	SPL
MW-4	07/30/96	8.12	6.34	---	1.78	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/04/96	8.12	8.27	---	-0.15	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/05/96	8.12	---	---	---	460	---	ND<2.5	11	ND<5.0	ND<5.0	620/610	(f)	---	7.3	SPL
MW-4	05/17/97	8.12	7.00	---	1.12	---	---	---	---	---	---	---	---	---	---	---
MW-4	08/11/97	8.12	6.81	---	1.31	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/17/97	8.12	9.19	---	-1.07	840	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	880	---	---	7.3	SPL
MW-4	01/29/98	8.12	7.94	---	0.18	---	---	---	---	---	---	---	---	---	---	---
MW-4	06/22/98	8.12	7.49	---	0.63	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/30/98	8.12	8.21	---	-0.09	---	---	---	---	---	---	---	---	---	---	---
MW-4	03/09/99	8.12	7.70	---	0.42	1200	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2000	---	---	---	SPL
MW-4	06/23/99	8.12	8.81	---	-0.69	---	---	---	---	---	---	---	---	---	---	---
MW-4	09/23/99	8.12	8.32	---	-0.20	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/28/99	8.12	8.21	---	-0.09	---	---	---	---	---	---	---	---	---	---	---
MW-4	03/22/00	8.12	6.74	---	1.38	910	---	ND<0.5	ND<0.5	0.54	1.7	3800	---	---	---	PACE
MW-4	05/26/00	8.12	5.13	---	2.99	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-5	10/12/93	7.69	6.01	---	1.68	---	---	---	---	---	---	---	---	---	---	---
MW-5	10/13/93	7.69	---	---	---	2300	---	160	10	ND<0.5	26	---	---	---	---	PACE
MW-5	02/15/94	7.69	5.74	---	1.95	5100	---	710	16	33	35	100	(d)	---	4.0	PACE
MW-5	05/11/94	7.69	5.28	---	2.41	11000	---	1100	39	110	57	160	(d)	---	8.0	PACE
MW-5	08/01/94	7.69	5.84	---	1.85	9000	---	730	35	61	41	200	(d)	---	2.6	PACE
MW-5	10/18/94	7.69	6.01	---	1.68	7800	---	330	30	27	27	---	---	---	5.6	PACE
MW-5	01/13/95	7.69	4.74	---	2.95	ND<500	---	290	6	ND<5	18	---	---	---	6.8	ATI
MW-5	04/13/95	7.69	5.50	---	2.19	9100	---	400	15	52	27	---	---	---	7.4	ATI
MW-5	07/11/95	7.69	5.75	---	1.94	7300	---	390	13	28	23	---	---	---	7.2	ATI
MW-5	11/03/95	7.69	6.65	---	1.04	7200	---	270	15	38	23	200	---	---	8.4	ATI
MW-5	02/05/96	7.69	4.83	---	2.86	4600	---	370	15	53	28	ND<50	---	---	1.9	SPL
MW-5	04/24/96	7.69	6.09	---	1.60	3000	---	180	ND<10	32	14	ND<100	---	---	8.1	SPL
MW-5	07/15/96	7.69	6.57	---	1.12	---	---	---	---	---	---	---	---	---	---	---
MW-5	07/16/96	7.69	---	---	---	ND<50	---	190	ND<10	31	16	ND<100	---	---	8.3	SPL
MW-5	07/30/96	7.69	5.61	---	2.08	---	---	---	---	---	---	---	---	---	---	---
MW-5	08/12/96	7.69	---	---	---	2000	---	150	12	25	18.2	ND<50	---	---	7.6	SPL
MW-5	11/04/96	7.69	8.25	---	-0.56	---	---	---	---	---	---	---	---	---	---	---
MW-5	11/05/96	7.69	---	---	---	5200	---	42	5.5	13	ND<5.0	1700	---	---	7.4	SPL
MW-5	05/17/97	7.69	6.95	---	0.74	80	---	0.56	ND<1.0	ND<1.0	ND<1.0	46	---	---	6.7	SPL
MW-5	08/11/97	7.69	6.72	---	0.97	2700	---	20	12	6.7	9.7	1900	---	---	8.5	SPL
MW-5	11/17/97	7.69	9.49	---	-1.80	8400	---	25	12	8.7	5.4	13000	---	---	7.9	SPL
MW-5	01/29/98	7.69	7.88	---	-0.19	110000	---	2500	110	180	589	180000	---	---	6.8	SPL
MW-5	06/22/98	7.69	7.40	---	0.29	4400	---	47	10	29	20.5	47	---	---	6.6	SPL
MW-5	12/30/98	7.69	6.13	---	1.56	8000	---	18	9.1	22	16	63/44	(f)	---	---	SPL
MW-5	03/09/99	7.69	4.79	---	2.90	4600	---	8.8	5.5	12	11	24	---	---	---	SPL
MW-5	06/23/99	7.69	5.95	---	1.74	3400	---	1500	8.9	54	87	7500	---	---	---	SPL
MW-5	09/23/99	7.69	5.43	---	2.26	2600	---	510	14	140	650	580	---	---	---	SPL
MW-5	12/28/99	7.69	5.30	---	2.39	3500	---	900	18	57	140	4800	---	---	---	PACE
MW-5 (h)	03/22/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	05/26/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-6	10/12/93	8.52	6.59	--	1.93	63	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	PACE
MW-6	02/15/94	8.52	6.31	--	2.21	68	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	38	(d)	--	3.1	PACE
MW-6	05/11/94	8.52	6.15	--	2.37	68	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	48	(d)	--	8.7	PACE
MW-6	08/01/94	8.52	6.46	--	2.06	91	--	ND<0.5	ND<0.5	ND<0.5	0.6	--	--	--	2.4	PACE
MW-6	10/18/94	8.52	6.72	--	1.80	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	6.0	PACE
MW-6	01/13/95	8.52	5.95	--	2.57	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	--	7.0	ATI
MW-6	04/13/95	8.52	5.44	--	3.08	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	--	8.5	ATI
MW-6	07/11/95	8.52	5.68	--	2.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	--	8.4	ATI
MW-6	11/02/95	8.52	6.57	--	1.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	35	--	--	8.3	ATI
MW-6	02/05/96	8.52	6.27	--	2.25	ND<50	--	ND<5	ND<10	ND<10	ND<10	ND<100	--	--	2.2	SPL
MW-6	04/24/96	8.52	5.95	--	2.57	ND<250	--	ND<2.5	ND<5	ND<5	ND<5	62	--	--	8.0	SPL
MW-6	07/15/96	8.52	6.39	--	2.13	ND<250	--	ND<2.5	ND<5	ND<5	ND<5	ND<50	--	--	8.0	SPL
MW-6	07/30/96	8.52	6.44	--	2.08	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/04/96	8.52	8.05	--	0.47	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/05/96	8.52	--	--	--	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	7.3	SPL
MW-6	05/17/97	8.52	6.75	--	1.77	--	--	--	--	--	--	--	--	--	--	--
MW-6	08/11/97	8.52	6.48	--	2.04	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/17/97	8.52	9.27	--	-0.75	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	7.7	SPL
MW-6	01/29/98	8.52	7.98	--	0.54	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/22/98	8.52	7.68	--	0.84	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/30/98	8.52	6.98	--	1.54	--	--	--	--	--	--	--	--	--	--	--
MW-6	03/09/99	8.52	5.90	--	2.62	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/23/99	8.52	6.93	--	1.59	--	--	--	--	--	--	--	--	--	--	--
MW-6	09/23/99	8.52	6.45	--	2.07	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/28/99	8.52	6.33	--	2.19	--	--	--	--	--	--	--	--	--	--	--
MW-6	03/22/00	8.52	5.15	--	3.37	--	--	--	--	--	--	--	--	--	--	--
MW-6	05/26/00	8.52	5.72	--	2.80	--	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-7	10/12/93	7.61	6.14	--	1.47	ND<50	--	ND<0.5	ND<0.5	ND<0.5	0.7	--	--	--	--	PACE
MW-7	02/15/94	7.61	5.88	--	1.73	78	--	ND<0.5	ND<0.5	ND<0.5	0.6	--	--	--	4.0	PACE
MW-7	05/11/94	7.61	5.76	--	1.85	70	--	ND<0.5	ND<0.5	ND<0.5	0.9	--	--	--	9.1	PACE
MW-7	08/01/94	7.61	5.97	--	1.64	77	--	ND<0.5	ND<0.5	ND<0.5	0.5	--	--	--	2.5	PACE
MW-7	10/18/94	7.61	6.24	--	1.37	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	6.3	PACE
MW-7	01/13/95	7.61	5.39	--	2.22	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	--	8.2	ATI
MW-7	04/13/95	7.61	5.17	--	2.44	63	--	ND<0.5	ND<0.5	ND<0.5	1.4	--	--	--	8.4	ATI
MW-7	07/11/95	7.61	5.25	--	2.36	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	--	7.9	ATI
MW-7	11/02/95	7.61	6.19	--	1.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	55	--	--	8.0	ATI
MW-7	02/05/96	7.61	5.69	--	1.92	ND<50	--	ND<0.5	ND<1	ND<1	ND<1	40	--	--	1.9	SPL
MW-7	04/24/96	7.61	5.59	--	2.02	ND<250	--	ND<2.5	ND<5	ND<5	ND<5	53	--	--	8.2	SPL
MW-7	07/15/96	7.61	6.07	--	1.54	ND<250	--	ND<2.5	ND<5	ND<5	ND<5	ND<50	--	--	7.8	SPL
MW-7	07/30/96	7.61	6.04	--	1.57	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/04/96	7.61	7.76	--	-0.15	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/05/96	7.61	--	--	--	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	7.8	SPL
MW-7	05/17/97	7.61	6.42	--	1.19	--	--	--	--	--	--	--	--	--	--	--
MW-7	08/11/97	7.61	6.06	--	1.55	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/17/97	7.61	9.07	--	-1.46	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	7.1	SPL
MW-7	01/29/98	7.61	7.44	--	0.17	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/22/98	7.61	7.39	--	0.22	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/30/98	7.61	5.51	--	2.10	--	--	--	--	--	--	--	--	--	--	--
MW-7	03/09/99	7.61	5.57	--	2.04	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/23/99	7.61	6.69	--	0.92	--	--	--	--	--	--	--	--	--	--	--
MW-7	09/23/99	7.61	6.23	--	1.38	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/28/99	7.61	6.08	--	1.53	--	--	--	--	--	--	--	--	--	--	--
MW-7	03/22/00	7.61	4.88	--	2.73	--	--	--	--	--	--	--	--	--	--	--
MW-7	05/26/00	7.61	5.42	--	2.19	--	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-8	10/12/93	8.60	5.86	--	2.74	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	PACE
MW-8	02/15/94	8.60	5.50	--	3.10	380	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	3.3	PACE
MW-8	05/11/94	8.60	5.09	--	3.51	330	--	ND<0.5	1.2	ND<0.5	1.9	--	--	--	8.5	PACE
MW-8	08/01/94	8.60	5.20	--	3.40	260	--	ND<0.5	1.2	2.9	5.8	--	--	--	2.3	PACE
MW-8	10/18/94	8.60	5.70	--	2.90	82	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	6.4	PACE
MW-8	01/13/95	8.60	4.96	--	3.64	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	--	6.9	ATI
MW-8	04/13/95	8.60	5.40	--	3.20	270	--	ND<0.5	ND<0.5	ND<0.5	4.4	--	--	--	8.4	ATI
MW-8	07/11/95	8.60	6.01	--	2.59	320	--	ND<0.50	ND<0.50	ND<0.50	3.5	--	--	--	8.0	ATI
MW-8	11/02/95	8.60	6.81	--	1.79	100	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	--	--	8.7	ATI
MW-8	02/05/96	8.60	6.12	--	2.48	ND<50	--	ND<5	ND<10	ND<10	ND<10	ND<100	--	--	1.5	SPL
MW-8	04/24/96	8.60	6.23	--	2.37	ND<50	--	ND<5	ND<10	ND<10	ND<10	ND<100	--	--	8.7	SPL
MW-8	07/15/96	8.60	6.70	--	1.90	ND<250	--	ND<2.5	ND<5	ND<5	ND<5	ND<50	--	--	8.4	SPL
MW-8	07/30/96	8.60	6.64	--	1.96	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/04/96	8.60	8.36	--	0.24	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/05/96	8.60	--	--	--	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	7.2	SPL
MW-8	05/17/97	8.60	7.03	--	1.57	--	--	--	--	--	--	--	--	--	--	--
MW-8	08/11/97	8.60	6.05	--	2.55	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/17/97	8.60	9.14	--	-0.54	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	7.7	SPL
MW-8	01/29/98	8.60	7.90	--	0.70	--	--	--	--	--	--	--	--	--	--	--
MW-8	06/22/98	8.60	7.72	--	0.88	--	--	--	--	--	--	--	--	--	--	--
MW-8 (h)	12/30/98	8.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8 (h)	03/09/99	8.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	06/23/99	8.60	4.70	--	3.90	--	--	--	--	--	--	--	--	--	--	--
MW-8	09/23/99	8.60	4.22	--	4.38	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/28/99	8.60	4.12	--	4.48	--	--	--	--	--	--	--	--	--	--	--
MW-8	03/22/00	8.60	4.71	--	3.89	--	--	--	--	--	--	--	--	--	--	--
MW-8	05/26/00	8.60	4.98	--	3.62	--	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-9	10/12/93	8.08	5.66	0.08	2.48	---	---	---	---	---	---	---	---	---	---	---
MW-9	02/15/94	8.08	5.32	0.05	2.80	---	---	---	---	---	---	---	---	---	---	---
MW-9	05/11/94	8.08	5.57	---	2.51	---	---	---	---	---	---	---	---	---	---	---
MW-9	08/01/94	8.08	6.25	---	1.83	---	---	---	---	---	---	---	---	---	---	---
MW-9	10/18/94	8.08	5.59	0.13	2.59	---	---	---	---	---	---	---	---	---	---	---
MW-9	01/13/95	8.08	4.42	0.14	3.77	---	---	---	---	---	---	---	---	---	---	---
MW-9	04/13/95	8.08	4.06	0.11	4.10	---	---	---	---	---	---	---	---	---	---	---
MW-9	07/11/95	8.08	4.21	0.08	3.93	---	---	---	---	---	---	---	---	---	---	---
MW-9	11/02/95	8.08	5.22	0.05	2.90	---	---	---	---	---	---	---	---	---	---	---
MW-9	02/05/96	8.08	4.76	0.01	3.33	---	---	---	---	---	---	---	---	---	---	---
MW-9	04/24/96	8.08	4.62	0.09	3.53	---	---	---	---	---	---	---	---	---	---	---
MW-9	07/15/96	8.08	5.11	0.04	3.00	---	---	---	---	---	---	---	---	---	---	---
MW-9	07/30/96	8.08	5.15	---	2.93	---	---	---	---	---	---	---	---	---	---	---
MW-9	11/04/96	8.08	6.75	0.01	1.34	---	---	---	---	---	---	---	---	---	---	---
MW-9	05/17/97	8.08	5.42	---	2.66	97000	---	16000	7700	2300	18400	40000	---	---	7.0	SPL
QC-1 (e)	05/17/97	---	---	---	---	97000	---	16000	8200	2300	17300	39000	---	---	---	SPL
MW-9	08/11/97	8.08	5.37	---	2.71	71000	---	12000	340	2100	4300	26000	---	---	9.1	SPL
QC-1 (e)	08/11/97	---	---	---	---	100000	---	14000	360	3200	5790	27000	---	---	---	SPL
MW-9	11/17/97	8.08	5.62	Sheen	2.46	100000	---	22000	4800	3100	17900	32000	---	---	8.3	SPL
QC-1 (e)	11/17/97	---	---	---	---	100000	---	24000	5300	3500	19300	35000	---	---	---	SPL
MW-9	01/29/98	8.08	4.07	Sheen	4.01	250000	---	20000	21000	3100	18500	110000	---	---	6.6	SPL
QC-1 (e)	01/29/98	---	---	---	---	250000	---	20000	20000	3100	18400	110000	---	---	---	SPL
MW-9	06/22/98	8.08	4.28	---	3.80	280000	---	21000	18000	3800	21200	110000	---	---	5.8	SPL
QC-1 (e)	06/22/98	---	---	---	---	290000	---	20000	17000	3800	21200	110000	---	---	---	SPL
MW-9	12/30/98	8.08	4.95	---	3.13	150000	---	10000	3800	2000	9600	86000/89000 (f)	---	---	---	SPL
MW-9	03/09/99	8.08	3.95	---	4.13	82000	---	6800	570	1400	4700	100000	---	---	---	SPL
MW-9	06/23/99	8.08	5.12	---	2.96	41000	---	11000	820	2300	5200	92000	---	---	---	SPL
MW-9	09/23/99	8.08	4.74	---	3.34	57000	---	12000	5400	1900	9500	89000	---	---	---	SPL
MW-9	12/28/99	8.08	4.58	---	3.50	46000	---	15000	490	2500	3500	100000	---	---	---	PACE
MW-9	03/22/00	8.08	3.90	---	4.18	86000	---	18000	1800	2300	6800	120000	---	---	---	PACE
MW-9	05/26/00	8.08	4.15	---	3.93	82000	---	17000	680	1800	3800	100000	---	---	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
QC-2 (g)	11/05/92	--	--	--	--	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	PACE
QC-2 (g)	10/12/93	--	--	--	--	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	PACE
QC-2 (g)	02/15/94	--	--	--	--	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	PACE
QC-2 (g)	05/11/94	--	--	--	--	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	PACE
QC-2 (g)	08/01/94	--	--	--	--	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	PACE
QC-2 (g)	10/18/94	--	--	--	--	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	PACE
QC-2 (g)	01/13/95	--	--	--	--	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	--	--	ATI
QC-2 (g)	04/13/95	--	--	--	--	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	--	--	ATI
QC-2 (g)	07/11/95	--	--	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	--	--	ATI
QC-2 (g)	11/02/95	--	--	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	--	--	--	ATI
QC-2 (g)	02/05/96	--	--	--	--	ND<50	--	ND<0.5	ND<1	ND<1	ND<1	ND<10	--	--	--	SPL
QC-2 (g)	04/24/96	--	--	--	--	ND<50	--	ND<0.5	ND<1	ND<1	ND<1	ND<10	--	--	--	SPL
QC-2 (g)	07/16/96	--	--	--	--	ND<50	--	ND<0.5	ND<1	ND<1	ND<1	ND<10	--	--	--	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

ABBREVIATIONS:

TPH-G Total petroleum hydrocarbons as gasoline
TPH-D Total petroleum hydrocarbons as diesel
B Benzene
T Toluene
E Ethylbenzene
X Total xylenes
MTBE Methyl tert butyl ether
TOG Total oil and grease
HVOC Halogenated volatile organic compounds
DO Dissolved oxygen
ug/l Micrograms per liter
ppm Parts per million
ND Not detected above reported detection limit
--- Not analyzed/applicable/measurable
PACE Pace, Inc.
ATI Analytical Technologies, Inc.
SPL Southern Petroleum Laboratories

NOTES:

- (a) Top of casing elevations surveyed relative to an established benchmark with an elevation of 8.11 feet above mean sea level.
- (b) Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.
- (c) Detection limits vary; see laboratory report.
- (d) A copy of the documentation for this data is included in Appendix C of Alisto report 10-061-07-004.
- (e) Blind duplicate.
- (f) EPA Methods 8020/8260 used.
- (g) Travel blank.
- (h) Inaccessible

Analytical Appendix

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815
Tel: 562-498-9515
Fax: 562-597-0786

June 06, 2000

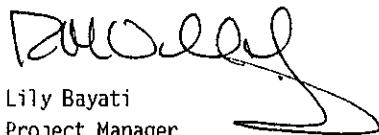
Mr. MORGAN HARGRAVE
BLAINE TECH SERVICES, INC.
1680 ROGERS AVE.
SAN JOSE, CA 95112

RE: Pace Project Number: 6041560
Client Project ID: BP 11126 Emeryville

Dear Mr. HARGRAVE:

Enclosed are the results of analyses for sample(s) received by the laboratory on May 31, 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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DATE: 06/06/00
PAGE: 1

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

Pace Project Number: 6041560
Client Project ID: BP 11126 Emeryville

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

Solid results are reported on a wet weight basis

Pace Sample No: 603521535 Date Collected: 05/26/00 Matrix: Water
Client Sample ID: A Date Received: 05/31/00

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

Long Beach Laboratory

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GAS BTEX by 8015, Water							
Gasoline	110000	ug/l	7500	06/01/00	VN		1
Benzene	700	ug/l	75	06/01/00	VN	71-43-2	
Toluene	44	ug/l	0.75	06/01/00	VN	108-88-3	
Ethylbenzene	140	ug/l	0.75	06/01/00	VN	100-41-4	
Methyl-tert-butyl Ether	320000	ug/l	3800	06/01/00	VN	1634-04-4	
Xylene (Total)	250	ug/l	0.75	06/01/00	VN	1330-20-7	
a,a,p-trifluorotoluene (S)	107	%		06/01/00	VN	2164-17-2	

REPORT OF LABORATORY ANALYSIS

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DATE: 06/06/00
PAGE: 2

Pace Project Number: 6041560
Client Project ID: BP 11126 Emeryville

Pace Sample No: 603521543 Date Collected: 05/26/00 Matrix: Water
Client Sample ID: B Date Received: 05/31/00

Parameters Results Units PRL Analyzed Analyst CAS# Footnotes

Long Beach Laboratory

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GAS BTEX by 8015, Water Method: EPA 8015 Mod/8020 Prep Method: EPA 8015 Mod/8020							
Gasoline	82000	ug/l	7500	06/01/00	VN		
Benzene	17000	ug/l	75	06/01/00	VN	71-43-2	
Toluene	680	ug/l	75	06/01/00	VN	108-88-3	
Ethylbenzene	1800	ug/l	75	06/01/00	VN	100-41-4	
Methyl-tert-butyl Ether	100000	ug/l	1500	06/01/00	VN	1634-04-4	
Xylene (Total)	3800	ug/l	75	06/01/00	VN	1330-20-7	
a,a,-Trifluorotoluene (S)	111	%		06/01/00	VN	2164-17-2	

REPORT OF LABORATORY ANALYSIS

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DATE: 06/06/00

PAGE: 3

Pace Project Number: 6041560

Client Project ID: BP 11126 Emeryville

PARAMETER FOOTNOTES

ND Not Detected

NC Not Calculable

PRL Pace Reporting Limit

(S) Surrogate

[1] Concentration of MTBE in the calculation of TPH-G is an estimate only.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

DATE: 06/06/00
 PAGE: 4

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

Pace Project Number: 6041560
 Client Project ID: BP 11126 Emeryville

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

QC Batch ID: 84287 QC Batch Method: EPA 8015 Mod/8020
 Analysis Method: EPA 8015 Mod/8020 Analysis Description: GAS BTEX by 8015, Water
 Associated Pace Samples: 603521535 603521543

METHOD BLANK: 603529835
 Associated Pace Samples:

Parameter	Units	603521535	603521543	PRL	Footnotes
			Method Blank Result		
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)	%		105		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 603529843 603529850

Parameter	Units	603505298		603529850		Matrix		Spike	
		Conc.	Spike	Conc.	Spike	Sp. Dup. % Rec	Result	Dup % Rec	RPD
Gasoline	ug/l	0	40	41.00	102	40.00	100	2	
Benzene	ug/l	0	6.667	7.038	106	7.040	106	0	
Toluene	ug/l	0	6.667	7.380	111	7.030	106	5	
Ethylbenzene	ug/l	0	6.667	7.510	113	7.240	109	4	
Methyl-tert-butyl Ether	ug/l	0	6.667	7.550	113	6.790	102	11	
Xylene (Total)	ug/l	0	20	22.93	115	21.51	108	6	
a,a,a-Trifluorotoluene (S)					131		112		

REPORT OF LABORATORY ANALYSIS

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DATE: 06/06/00

PAGE: 5

Pace Project Number: 6041560

Client Project ID: BP 11126 Emeryville

QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

REPORT OF LABORATORY ANALYSIS

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000526 N-1

CHAIN OF CUSTODY

16534A
6041560

CONSULTANT'S NAME Blaine Tech Services, Inc.		CONSULTANT'S ADDRESS 1680 Rogers Ave., San Jose CA 95112			
BP SITE NUMBER 11126	BP SITE / FACILITY ADDRESS 1700 Powell St., Emeryville			CONSULTANT PROJECT NUMBER	
CONSULTANT PROJECT MANAGER Morgan Hargrave		PHONE NUMBER (408) 573-0555 x 218	FAX NUMBER (408) 573-7771		CONSULTANT CONTRACT NUMBER J264134
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 - Lily Bayati	LABORATORY ADDRESS 3970 Gilman Street, Long Beach, CA		PHONE NUMBER (562) 498-9515	FAX NO. (562) 597-0786	
BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name)		RUSH REQUESTED OF (Print Consultant Contact Name)		DATE/TIME	SHIPMENT DATE

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

ANALYSIS REQUIRED

AIRBILL NUMBER
8912235673

SAMPLE DESCRIPTION	COLLECTION DATE	COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS		PRESERVATIVE	TPH-G + BTEX / MTBE (8015M)	TPH-D (8015M)	FUEL OXYGENATES (8260)	1,2-DCA + EDB (8010)									COMMENTS	
				NO	TYPE (VOL)	LAB SAMPLE #														
A	5/24/00	12:40	H ₂ O	3	10-L	HCL	X													
B	↓	13:16	↓	3	↓	↓	X													

SAMPLED BY (Please Print Name) Garrett Hootel				SAMPLED BY (Signature) <i>[Signature]</i>				ADDITIONAL COMMENTS			
RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
<i>[Signature]</i>	5/30/00	15:00	<i>[Signature]</i>	5/31/00	9:45	<i>[Signature]</i>			<i>[Signature]</i>		

Field Data Sheets

WELL GAUGING DATA

Project # 000526 N-1 Date 5/26/00 Client BP 11124

Site 1700 Powell St. Emeryville

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		
8 MW-1	2					4.79	11.30	A		
6 MW-2	2					4.66	10.57			
5 MW-3	2					5.28	11.87			
4 MW-4	2					5.13	10.91			
7 MW-5	Inaccessible due to city unhappiness									
1 MW-6	2					5.72	13.42			
2 MW-7	2					5.42	13.93			
3 MW-8	2					4.98	13.77			
9 MW-9	4					4.15	13.79	B		

BP WELL MONITORING DATA SHEET

Project #: <u>000526 N-1</u>	Job # <u>11124</u>
Sampler: <u>GT</u>	Date: <u>5/26/00</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>11.30</u>	Depth to Water: <u>4.79</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC 20L</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: Bailer Sampling Method: Bailer
Disposable Bailer Disposable Bailer
 Middleburg Extraction Port
 Electric Submersible
 Extraction Pump Other: _____
 Other: _____

<u>1.0</u>	X	<u>3</u>	=	<u>30</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>12:30</u>	<u>71.3</u>	<u>7.0</u>	<u>2902</u>	<u>X</u>	<u>1</u>	
<u>12:33</u>	<u>71.1</u>	<u>6.9</u>	<u>2674</u>		<u>2</u>	
<u>12:36</u>	<u>70.7</u>	<u>6.9</u>	<u>2807</u>		<u>3</u>	

Did well dewater? Yes No Gallons actually evacuated: 3

Sampling Time: 12:40 Sampling Date: 5/26/00

Sample I.D.: A Laboratory: SP1 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 #: <i>000526N-1</i>	Job # <i>11126</i>
Sampler: <i>ST</i>	Date: <i>5/26/00</i>
Well I.D.: <i>MW-5</i>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth:	Depth to Water:
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

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

_____	X	_____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
		<i>Well</i>	<i>Paved</i>	<i>over</i>		

Did well dewater? Yes <input type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: _____	
Sampling Time: _____	Sampling Date: _____	
Sample I.D.: _____	Laboratory: SPL 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 #: <u>000526 N-1</u>	Job # 605200 <u>11126</u>
Sampler: <u>ST</u>	Date: <u>5/26/00</u>
Well I.D.: <u>MW-9</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>13.79</u>	Depth to Water: <u>21.15</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC 70.4</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:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Other: _____

Other: _____

<u>6.3</u>	X	<u>3</u>	=	<u>18.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
13:00 <u>13:00</u>	<u>72.1</u>	<u>7.0</u>	<u>2507</u>	---	<u>7</u>	
<u>13:05</u>	<u>72.3</u>	<u>7.0</u>	<u>2273</u>	---	<u>13</u>	
<u>13:10</u>	<u>72.5</u>	<u>6.8</u>	<u>2193</u>	---	<u>19</u>	

Did well dewater? Yes No Gallons actually evacuated: 19

Sampling Time: 13:16 Sampling Date: 5/24/00

Sample I.D.: B Laboratory: SPS Pave 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