



BP OIL

*forings logs
for MW1 - NW-7*

S. T. Hooton
Team Leader
Environmental Remediation Management

BP Exploration & Oil Inc.
295 SW 41st Street, Bldg., 13, STE N
Renton, WA 98055-4931
Phone: 425-251-0689
Fax: 425-251-0736

January 7, 2000

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

RE: BP Oil Site No. 11132
3201 35th Street (at I-580)
Oakland, CA

Dear Ms. Hugo:

Enclosed please find the *Fourth Quarter 1999 Groundwater Monitoring* report prepared by Blaine Tech Services on behalf of BP.

The report shows that aromatic petroleum constituents were detected in groundwater samples collected from six of the wells sampled this quarter (3 November 1999). The highest benzene concentration (10,000 ug/l) was reported in a sample obtained from well MW-2, located south of the underground storage tanks.

Plans for the coming quarter include product removal and groundwater monitoring.

Please give me a call if you have any questions, comments or concerns regarding this matter. I can be reached at (425) 251-0689.

Sincerely,


Scott Hooton

attachment

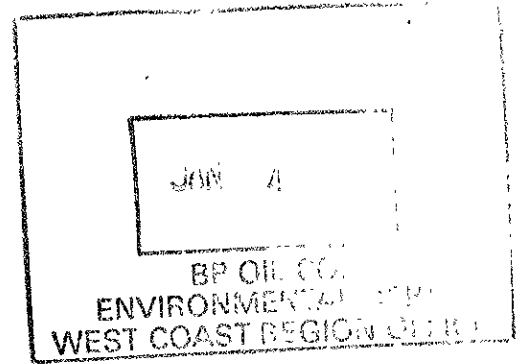
cc: Ade Fagorala- CRWQCB-SFBR
D. Camille - Tosco (w/attachment)

00 JAN 11 PM 3:54

ENVIRONMENTAL
PROTECTION



1880 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE



January 4, 2000

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

4th Quarter 1999 Monitoring at 11132

Fourth Quarter 1999 Groundwater Monitoring
BP Service Station Number 11132
3201 35th Avenue
Oakland, CA

Monitoring Performed on November 3, 1999

Groundwater Sampling Report **991103-G-2**

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

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

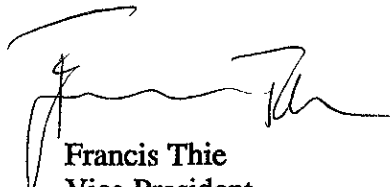
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The **Professional Engineering Appendix**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

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

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

Please call if you have any questions.

Yours truly,

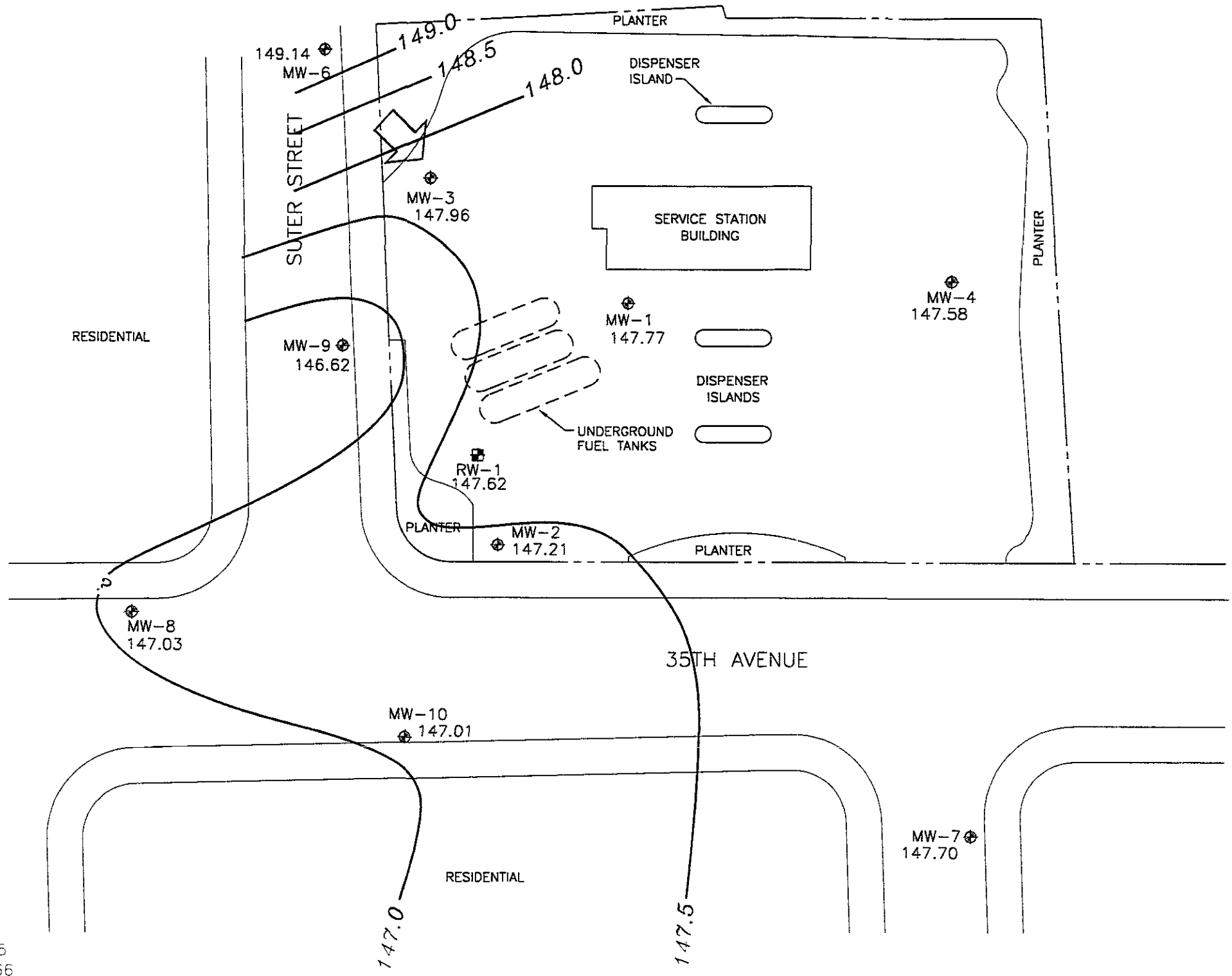
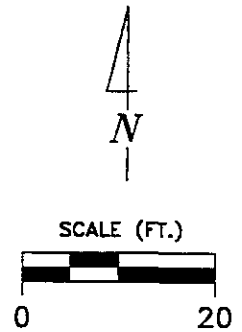


Francis Thie
Vice President

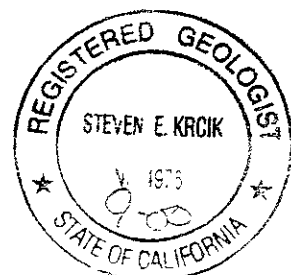
FPT/cm

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

Professional Engineering Appendix



- EXPLANATION**
- ⊕ GROUNDWATER MONITORING WELL
 - ⊞ GROUNDWATER RECOVERY WELL
 - 147.58 GROUNDWATER ELEVATION (FT, MSL)
 - 148.0 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
 - APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.01-0.001



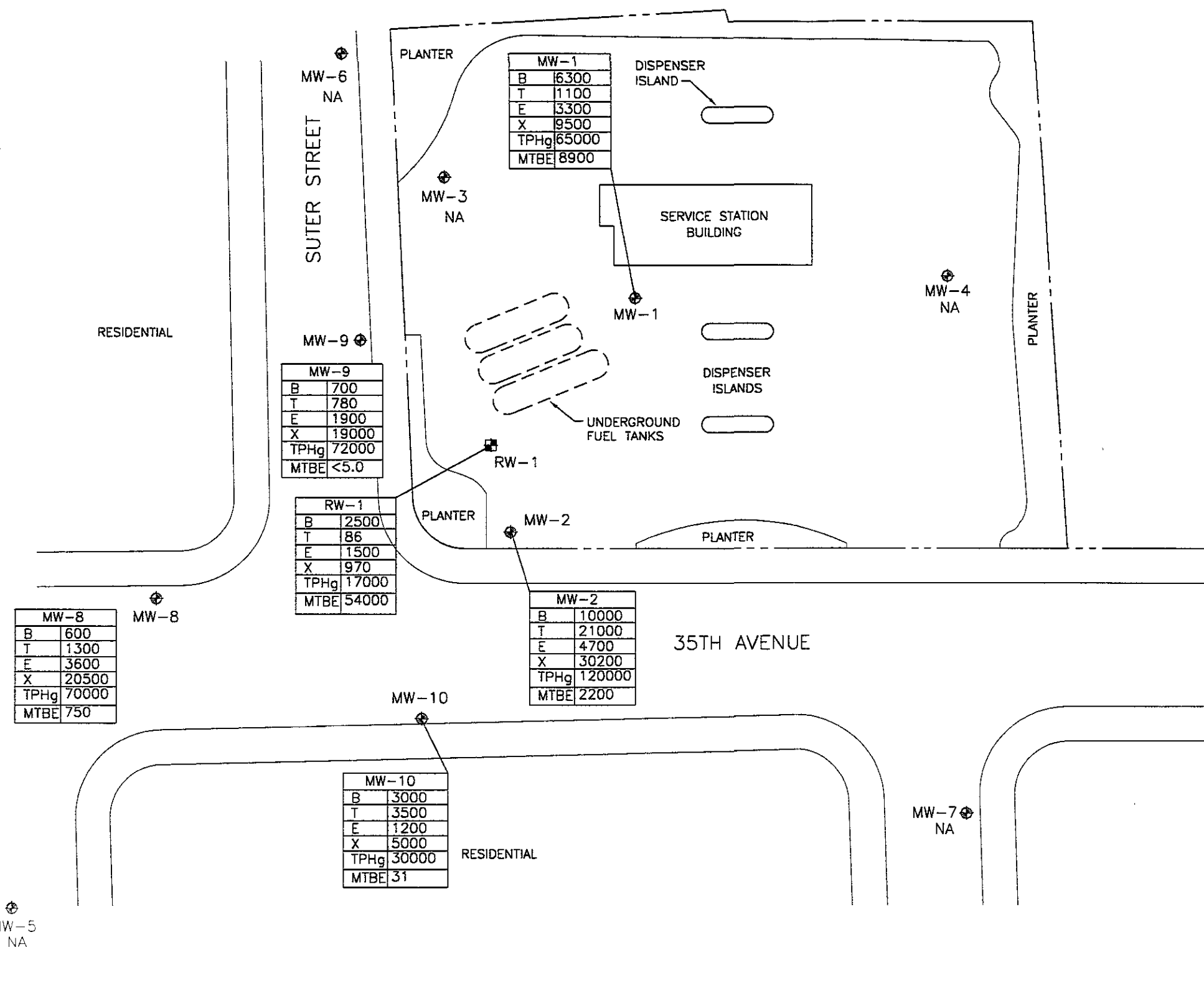
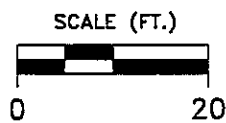
Ref: 11132bm.dwg
Basemap from Alisto Engineering Group

PREPARED BY
RRM
engineering contracting firm

GROUNDWATER ELEVATION CONTOUR MAP,
NOVEMBER 3, 1999

BP Oil Service Station No 11132
3201 35th Avenue
Oakland, California

FIGURE:
1
PROJECT:
DAC04



- EXPLANATION**
- ⊕ GROUNDWATER MONITORING WELL
 - ⊞ GROUNDWATER RECOVERY 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
 - < NOT DETECTED AT OR ABOVE VALUE SHOWN

MW-8	
B	600
T	1300
E	3600
X	20500
TPHg	70000
MTBE	750

MW-9	
B	700
T	780
E	1900
X	19000
TPHg	72000
MTBE	<5.0

RW-1	
B	2500
T	86
E	1500
X	970
TPHg	17000
MTBE	54000

MW-2	
B	10000
T	21000
E	4700
X	30200
TPHg	120000
MTBE	2200

MW-10	
B	3000
T	3500
E	1200
X	5000
TPHg	30000
MTBE	31

MW-1	
B	6300
T	1100
E	3300
X	9500
TPHg	65000
MTBE	8900

PREPARED BY
RRM
 engineering contracting firm

HYDROCARBON CONCENTRATION MAP,
 NOVEMBER 3, 1999

BP Oil Service Station No 11132
 3201 35th Avenue
 Oakland, California

FIGURE:
 2
 PROJECT:
 DAC04

Ref: 11132btex.dwg
 Base map from Alisto Engineering Group

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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-1	07/09/90	169.75	21.46	0.22	---	---	---	---	---	---	---	---	---
MW-1	12/21/90	169.75	22.72	0.58	---	---	---	---	---	---	---	---	---
MW-1	03/07/91	169.75	20.59	---	---	---	---	---	---	---	---	---	---
MW-1	06/27/91	169.75	---	0.18	---	---	---	---	---	---	---	---	---
MW-1	09/27/91	169.75	---	0.27	---	---	---	---	---	---	---	---	---
MW-1	12/18/91	169.75	---	0.28	---	---	---	---	---	---	---	---	---
MW-1	04/01/91	169.75	16.51	0.15	153.35	---	---	---	---	---	---	---	---
MW-1	07/03/92	169.75	22.30	0.27	147.65	---	---	---	---	---	---	---	---
MW-1	10/05/92	169.75	23.98	0.24	145.95	---	---	---	---	---	---	---	---
MW-1	01/13/93	169.75	17.03	0.24	152.90	---	---	---	---	---	---	---	---
MW-1	04/23/93	169.75	18.10	0.42	151.97	---	---	---	---	---	---	---	---
MW-1	07/12/93	169.75	22.02	0.49	148.10	---	---	---	---	---	---	---	---
MW-1	10/21/93	169.75	25.12	1.09	145.45	---	---	---	---	---	---	---	---
MW-1	01/21/94	169.75	23.02	0.76	147.30	---	---	---	---	---	---	---	---
MW-1	04/20/94	169.75	24.54	1.80	146.56	---	---	---	---	---	---	---	---
MW-1	08/01/94	169.75	24.11	0.35	145.90	---	---	---	---	---	---	---	---
MW-1	12/23/94	169.75	18.19	0.29	151.78	---	---	---	---	---	---	---	---
MW-1	01/26/95	169.75	16.25	1.10	154.33	---	---	---	---	---	---	---	---
MW-1	06/08/95	169.75	22.92	1.20	147.73	---	---	---	---	---	---	---	---
MW-1	08/22/95	169.75	24.45	0.85	145.94	---	---	---	---	---	---	---	---
MW-1	10/27/95	169.75	25.41	0.69	144.86	---	---	---	---	---	---	---	---
MW-1	01/25/96	169.75	18.20	1.40	152.60	---	---	---	---	---	---	---	---
MW-1	04/19/96	169.75	19.06	1.22	151.61	---	---	---	---	---	---	---	---
MW-1	07/23/96	169.75	22.98	0.89	147.44	---	---	---	---	---	---	---	---
MW-1	11/11/96	169.75	23.99	0.98	146.50	---	---	---	---	---	---	---	---
MW-1	01/21/97	169.75	16.80	0.90	153.63	---	---	---	---	---	---	---	---
MW-1	04/29/97	169.75	21.90	0.85	148.49	---	---	---	---	---	---	---	---
MW-1	04/30/97	169.75	---	---	---	100000	3600	8000	4000	21300	7700	5.2	SPL
QC-1 (c)	04/30/97	---	---	---	---	92000	3500	8100	4400	23800	6900	---	SPL
MW-1	08/21/97	169.75	23.40	0.87	147.00	140000	3000	8500	3900	22100	5700	5.3	SPL
QC-1 (c)	08/21/97	---	---	---	---	120000	3200	8100	3800	19600	5200	---	SPL
MW-1	11/05/97	169.75	23.70	0.54	146.46	68000	6200	4400	3300	14300	8000	4.7	SPL
QC-1 (c)	11/05/97	---	---	---	---	88000	7300	4800	3600	16900	8200	---	SPL
MW-1	02/03/98	169.75	13.63	0.32	156.36	---	---	---	---	---	---	---	---
MW-1	02/04/98	---	---	---	---	190000	2200	10000	5600	32000	ND<10000	5.3	SPL
QC-1 (c)	02/04/98	---	---	---	---	160000	2300	8400	5000	29400	ND<10000	---	SPL
MW-1	05/28/98	169.75	18.03	0.17	151.85	87000	980	3900	3600	19000	2900	3.8	SPL
MW-1	12/30/98	169.75	19.50	0.08	150.31	70000	530	3200	2900	16000	3600	---	SPL
MW-1	02/02/99	169.75	18.93	0.03	150.84	79000	480	3100	3500	21000	3500	---	SPL

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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-1	05/10/99	169.75	18.28	0.03	151.49	110000	160	1900	3700	24000	3000	---	SPL
MW-1	08/24/99	169.75	20.13	0.06	149.67	110000	850	1300	1900	19000	ND<50	---	SPL
MW-1	11/03/99	169.75	22.27	0.36	147.77	65000	6300	1100	3300	9500	8900	---	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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-2	07/09/90	168.14	20.24	0.10	---	---	---	---	---	---	---	---	---
MW-2	12/21/90	168.14	21.46	0.48	---	---	---	---	---	---	---	---	---
MW-2	03/07/91	168.14	19.18	---	---	---	---	---	---	---	---	---	---
MW-2	06/27/91	168.14	---	0.19	---	---	---	---	---	---	---	---	---
MW-2	09/27/91	168.14	---	0.15	---	---	---	---	---	---	---	---	---
MW-2	12/18/91	168.14	---	0.36	---	---	---	---	---	---	---	---	---
MW-2	04/01/91	168.14	15.21	0.10	153.01	---	---	---	---	---	---	---	---
MW-2	07/03/92	168.14	20.93	0.03	147.23	---	---	---	---	---	---	---	---
MW-2	10/05/92	168.14	22.74	0.21	145.56	---	---	---	---	---	---	---	---
MW-2	01/13/93	168.14	15.55	0.02	152.61	---	---	---	---	---	---	---	---
MW-2	04/23/93	168.14	16.54	0.21	151.76	---	---	---	---	---	---	---	---
MW-2	07/12/93	168.14	20.46	0.06	147.73	---	---	---	---	---	---	---	---
MW-2	10/21/93	168.14	24.91	0.31	143.46	---	---	---	---	---	---	---	---
MW-2	01/21/94	168.14	21.20	---	146.94	---	---	---	---	---	---	---	---
MW-2	04/20/94	168.14	22.44	---	145.70	1800	140	370	54	290	1.7	1.7	PACE
MW-2	08/01/94	168.14	22.24	0.04	145.93	---	---	---	---	---	---	---	---
MW-2	12/23/94	168.14	16.25	0.03	151.91	---	---	---	---	---	---	---	---
MW-2	01/26/95	168.14	14.55	0.39	153.88	---	---	---	---	---	---	---	---
MW-2	06/08/95	168.14	21.18	0.43	147.28	---	---	---	---	---	---	---	---
MW-2	08/22/95	168.14	22.76	0.36	145.65	---	---	---	---	---	---	---	---
MW-2	10/27/95	168.14	23.61	0.30	144.76	---	---	---	---	---	---	---	---
MW-2	01/25/96	168.14	15.95	0.15	152.30	---	---	---	---	---	---	---	---
MW-2	04/19/96	168.14	17.33	0.07	150.86	---	---	---	---	---	---	---	---
MW-2	07/23/96	168.14	21.25	0.05	146.93	---	---	---	---	---	---	---	---
MW-2	11/11/96	168.14	22.27	0.01	145.88	---	---	---	---	---	---	---	---
MW-2	01/21/97	168.14	15.19	0.01	152.96	---	---	---	---	---	---	---	---
MW-2	04/29/97	168.14	20.22	0.01	147.93	---	---	---	---	---	---	---	---
MW-2	04/30/97	168.14	---	---	---	130000	4600	15000	6000	37000	ND<5000	5.0	SPL
MW-2	08/21/97	168.14	21.74	0.01	146.41	110000	6000	16000	4700	28000	ND<500	4.6	SPL
MW-2	11/05/97	168.14	21.61	0.01	146.54	120000	7800	18000	4900	28100	ND<2500	4.6	SPL
MW-2	02/03/98	168.14	11.51	---	156.63	75000	590	1500	1800	12800	ND<2500	4.5	SPL
MW-2	05/28/98	168.14	16.51	---	151.63	79000	3900	3100	3100	18000	900	4.3	SPL
MW-2	12/30/98	168.14	17.70	---	150.44	95000	4700	3500	3700	21000	ND<250	---	SPL
MW-2	02/02/99	168.14	15.46	---	152.68	170000	3500	1500	5200	34000	ND<500	---	SPL
MW-2	05/10/99	168.14	16.52	---	151.62	84000	3200	3200	3700	20000	75	---	SPL
MW-2	08/24/99	168.14	20.73	---	147.41	130000	9100	9200	4700	27000	ND<250	---	SPL
MW-2	11/03/99	168.14	20.93	---	147.21	120000	10000	21000	4700	30200	2200	---	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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-3	07/09/90	167.17 ✓	18.96	---	---	140	5.3	4.6	2.0	3.8	---	---	---
MW-3	12/21/90	167.17	19.70	---	---	0.19	100	6.0	0.9	27	---	---	---
MW-3	03/07/91	167.17	17.40	---	149.77	0.4400	69	22	6.1	57	---	---	---
MW-3	06/27/91	167.17	---	---	---	380	28	26	13	46	---	---	---
MW-3	09/27/91	167.17	---	---	---	0.0770	7.9	ND	0.4	1.1	---	---	---
MW-3	12/18/91	167.17	---	---	---	0.26260	34	24	0.8	28	---	---	---
MW-3	04/01/92	167.17	13.69	---	153.48	ND 480	ND 54	ND 11	ND 28	ND 43	---	---	---
MW-3	07/03/92	167.17	19.59	---	147.58	71	9.4	0.9	5.0	13	---	---	ANA
MW-3	10/05/92	167.17	21.22	---	145.95	67	5.1	1.1	6.1	8.1	---	---	ANA
QC-1 (c)	10/05/92	---	---	---	---	ND<50	2.2	ND<0.5	1.5	2.8	---	---	ANA
MW-3	01/13/93	167.17	13.63	---	153.54	830	50	34	42	89	---	---	PACE
MW-3	04/23/93	167.17	15.02	---	152.15	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-1 (c)	04/23/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-3	07/12/93	167.17	19.16	---	148.01	250	12	4.2	12	16	---	---	PACE
MW-3	10/21/93	167.17	21.81	---	145.36	52	4.4	1.4	4.7	3.3	---	---	PACE
QC-1 (c)	10/21/93	---	---	---	---	65	7.4	1.0	6.9	4.2	---	---	PACE
MW-3	01/21/94	167.17	19.94	---	147.23	57	3.0	3.4	3.6	9.0	---	---	PACE
MW-3	04/20/94	167.17	20.24	---	146.93	600	26	23	33	88	---	1.8	PACE
MW-3	08/01/94	167.17	20.74	---	146.43	99	6.2	1.1	4.5	5.2	---	1.4	PACE
QC-1 (c)	08/01/94	---	---	---	---	120	7.7	1.6	5.9	6.7	---	---	PACE
MW-3	12/23/94	167.17	14.70	---	152.47	ND<50	ND<0.5	0.78	ND<0.5	ND<0.5	---	1.7	PACE
QC-1 (c)	12/23/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-3	01/26/95	167.17	12.89	---	154.28	190	16	0.5	35	24	---	6.6	ATI
MW-3	06/08/95	167.17	19.95	---	147.22	330	21	4.0	34	32	---	7.0	ATI
MW-3	08/22/95	167.17	21.41	---	145.76	150	14	ND<0.50	ND<0.50	1.6	ND<5.0	(d) 6.6	ATI
MW-3	10/27/95	167.17	22.43	---	144.74	---	---	---	---	---	---	---	---
MW-3	10/30/95	167.17	---	---	---	51	2.4	ND<0.50	ND<0.50	ND<1.0	ND<5.0	6.9	ATI
MW-3	01/25/96	167.17	14.03	---	153.14	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	5.1	---	CEI
MW-3	04/19/96	167.17	15.26	---	151.91	460	55	4	33	63	ND<10	9.4	SPL
MW-3	07/23/96	167.17	19.19	---	147.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	9.2	SPL
MW-3	11/11/96	167.17	20.24	---	146.93	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	8.4	SPL
MW-3	01/21/97	167.17	13.09	---	154.08	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.4	SPL
MW-3	04/29/97	167.17	18.14	---	149.03	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.3	SPL
MW-3	08/21/97	167.17	19.64	---	147.53	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.9	SPL
MW-3	11/05/97	167.17	19.95	---	147.22	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	4.5	SPL
MW-3	02/03/98	167.17	10.57	---	156.60	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	4.7	SPL
MW-3	05/28/98	167.17	14.65	---	152.52	330	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	4.2	SPL
MW-3	12/30/98	167.17	16.63	---	150.54	---	---	---	---	---	---	---	---
MW-3	02/02/99	167.17	13.12	---	154.05	<250	<5.0	<5.0	<5.0	<5.0	<5.0	---	SPL

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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-3	05/10/99	167.17	14.21	---	152.96	---	---	---	---	---	---	---	---
MW-3	08/24/99	167.17	14.36	---	152.81	---	---	---	---	---	---	---	---
MW-3	11/03/99	167.17	19.21	---	147.96	---	---	---	---	---	---	---	---

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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-4	07/09/90	170.36	21.36	---	---	ND	ND	ND	ND	ND	---	---	---
MW-4	12/21/90	170.36	22.25	---	---	ND	ND	ND	ND	0.8	---	---	---
MW-4	03/07/91	170.36	20.72	---	149.64	ND	2.2	3.8	1.5	2.8	---	---	---
MW-4	06/27/91	170.36	---	---	---	ND	6.3	1.8	0.4	1.0	---	---	---
MW-4	09/27/91	170.36	---	---	---	ND	ND	ND	ND	ND	---	---	---
MW-4	12/18/91	170.36	---	---	---	ND	ND	ND	ND	ND	---	---	---
MW-4	04/01/91	170.36	17.49	---	152.87	ND	ND	ND	ND	ND	---	---	---
MW-4	07/03/92	170.36	22.16	---	148.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-4	10/05/92	170.36	23.38	---	146.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-4	01/13/93	170.36	17.58	---	152.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	04/23/93	170.36	15.72	---	154.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	07/12/93	170.36	21.74	---	148.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	10/21/93	170.36	23.84	---	146.52	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	01/21/94	170.36	22.42	---	147.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-4	04/20/94	170.36	22.66	---	147.70	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	2.2	PACE
MW-4	08/01/94	170.36	23.01	---	147.35	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	1.9	PACE
MW-4	12/23/94	170.36	17.03	---	153.33	---	---	---	---	---	---	---	---
MW-4	01/26/95	170.36	17.42	---	152.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	7.5	ATI
MW-4	06/08/95	170.36	21.55	---	148.81	---	---	---	---	---	---	---	---
MW-4	08/22/95	170.36	23.47	---	146.89	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	(d) 6.4	ATI
MW-4	10/27/95	170.36	24.50	---	145.86	---	---	---	---	---	---	---	---
MW-4	01/25/96	170.36	18.74	---	151.62	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	58	---	CEI
MW-4	04/19/96	170.36	18.63	---	151.73	---	---	---	---	---	---	---	---
MW-4	07/23/96	170.36	22.56	---	147.80	---	---	---	---	---	---	---	---
MW-4	11/11/96	170.36	23.63	---	146.73	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	34	8.2	SPL
MW-4	01/21/97	170.36	16.59	---	153.77	---	---	---	---	---	---	---	---
MW-4	04/29/97	170.36	21.43	---	148.93	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.7	SPL
MW-4	08/21/97	170.36	22.91	---	147.45	---	---	---	---	---	---	---	---
MW-4	11/05/97	170.36	22.34	---	148.02	60	ND<0.5	ND<1.0	ND<1.0	ND<1.0	76	4.9	SPL
MW-4	02/03/98	170.36	12.26	---	158.10	---	---	---	---	---	---	---	SPL
MW-4	05/28/98	170.36	18.50	---	151.86	70	ND<0.5	ND<1.0	ND<1.0	ND<1.0	160	4.2	SPL
MW-4	12/30/98	170.36	19.69	---	150.67	---	---	---	---	---	---	---	---
MW-4	02/02/99	170.36	18.26	---	152.10	70	<1.0	<1.0	<1.0	<1.0	130	---	SPL
MW-4	05/10/99	170.36	17.86	---	152.50	---	---	---	---	---	---	---	---
MW-4	08/24/99	170.36	17.93	---	152.43	---	---	---	---	---	---	---	---
MW-4	11/03/99	170.36	22.78	---	147.58	---	---	---	---	---	---	---	---

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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-5	07/09/90	165.14	17.97	---	---	280	200	210	46	290	---	---	---
MW-5	12/21/90	165.14	18.93	---	---	0.69	300	34	8.4	39	---	---	---
MW-5	03/07/91	165.14	16.60	---	148.54	ND	17	0.9	0.7	1.6	---	---	---
MW-5	06/27/91	165.14	---	---	---	330	120	10	12	8	---	---	---
MW-5	09/27/91	165.14	---	---	---	0.73	230	16	20	22	---	---	---
MW-5	12/18/91	165.14	---	---	---	ND	ND	ND	ND	ND	---	---	---
MW-5	04/01/91	165.14	11.99	---	153.15	800	250	54	11	60	---	---	---
MW-5	07/03/92	165.14	18.65	---	146.49	150	36	ND<0.5	ND<0.5	1.1	---	---	ANA
MW-5	10/05/92	165.14	20.32	---	144.82	270	79	4	1.7	2.9	---	---	ANA
MW-5	01/13/93	165.14	13.03	---	152.11	180	59	6.0	1.8	7.6	---	---	PACE
MW-5	04/23/93	165.14	13.51	---	151.63	8700	440	96	35	136	---	---	PACE
MW-5	07/12/93	165.14	18.06	---	147.08	250	57	2.9	2.1	6.0	---	---	PACE
MW-5	10/21/93	165.14	20.41	---	144.73	210	82	1.5	ND<0.5	1.4	---	---	PACE
MW-5	01/21/94	165.14	18.86	---	146.28	110	36	1.2	ND<0.5	0.7	---	---	PACE
MW-5	04/20/94	165.14	17.30	---	147.84	690	230	4.5	1.6	11	---	1.3	PACE
MW-5	08/01/94	165.14	17.53	---	147.61	170	44	1.6	0.9	2.7	---	0.9	PACE
MW-5	12/23/94	165.14	11.63	---	153.51	630	180	1.9	0.66	1.9	---	1.4	PACE
MW-5	01/26/95	165.14	11.25	---	153.89	160	68	ND<0.5	ND<0.5	22	---	5.9	ATI
MW-5	06/08/95	165.14	16.80	---	148.34	2000	630	58	61	180	---	6.5	ATI
QC-1 (c)	06/08/95	---	---	---	---	1700	560	51	55	170	---	---	ATI
MW-5	08/22/95	165.14	19.02	---	146.12	3700	1100	18	27	59	ND<130	(d) 7.3	ATI
MW-5	10/27/95	165.14	20.94	---	144.20	---	---	---	---	---	---	---	---
MW-5	10/30/95	165.14	---	---	---	6500	2200	55	180	270	ND<250	7.5	ATI
MW-5	01/25/96	165.14	13.30	---	151.84	590	37	0.70	ND<0.50	ND<1.0	ND<5.0	---	CEI
QC-1 (c)	01/25/96	---	---	---	---	540	37	0.66	ND<0.50	ND<1.0	ND<5.0	---	CEI
MW-5	04/19/96	165.14	13.63	---	151.51	1500	470	38	49	210	ND<50	8.1	SPL
MW-5	07/23/96	165.14	17.61	---	147.53	140	4.6	ND<0.5	ND<0.5	ND<0.5	ND<10	8.0	SPL
MW-5	11/11/96	165.14	18.70	---	146.44	140	40	ND<1.0	ND<1.0	ND<1.0	ND<10	7.9	SPL
MW-5	01/21/97	165.14	11.63	---	153.51	730	300	ND<5.0	7.8	26	ND<50	5.0	SPL
MW-5	04/29/97	165.14	16.74	---	148.40	340	530	ND<5.0	ND<5.0	ND<5.0	ND<50	4.8	SPL
MW-5	08/21/97	165.14	18.26	---	146.88	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.9	SPL
MW-5	11/05/97	165.14	18.84	---	146.30	120	13	ND<1.0	ND<1.0	ND<1.0	ND<10	4.4	SPL
MW-5	02/03/98	165.14	9.49	---	155.65	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	4.3	SPL
MW-5	05/28/98	165.14	13.57	---	151.57	4900	1500	34	180	311	ND<10	4.1	SPL
MW-5	12/30/98	165.14	14.65	---	150.49	---	---	---	---	---	---	---	---
MW-5	02/02/99	165.14	12.56	---	152.58	100	<1.0	<1.0	<1.0	<1.0	9.1	---	SPL
MW-5	05/10/99	165.14	13.36	---	151.78	---	---	---	---	---	---	---	---
MW-5	08/24/99	165.14	13.50	---	151.64	---	---	---	---	---	---	---	---
MW-5	11/03/99	165.14	18.48	---	146.66	---	---	---	---	---	---	---	---

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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-6	07/09/90	165.40 ✓	17.20	---	---	ND	ND	ND	ND	ND	---	---	---
MW-6	12/21/90	165.40	17.88	---	---	0.17	2.6	7.0	4.9	26	---	---	---
MW-6 (e)	03/07/91	165.40	---	---	---	---	---	---	---	---	---	---	---
MW-6 (e)	06/27/91	165.40	---	---	---	---	---	---	---	---	---	---	---
MW-6 (e)	09/27/91	165.40	---	---	---	---	---	---	---	---	---	---	---
MW-6	12/18/91	165.40	---	---	---	ND	1.3	22	ND	2.7	---	---	---
MW-6	04/01/91 ✓	165.40	11.79	---	153.61	ND	ND	ND	ND	ND	---	---	---
MW-6	07/03/92	165.40	17.77	---	147.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-6	10/05/92	165.40	19.46	---	145.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-6	01/13/93	165.40	11.34	---	154.06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-6	04/23/93	165.40	12.92	---	152.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-6	07/12/93	165.40	17.36	---	148.04	ND<50	ND<0.5	ND<0.5	ND<0.5	0.7	---	---	PACE
MW-6	10/21/93	165.40	19.98	---	145.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-6	01/21/94	165.40	18.10	---	147.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-6	04/20/94	165.40	18.68	---	146.72	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	2.0	PACE
MW-6	08/01/94	165.40	18.90	---	146.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	1.5	PACE
MW-6	12/23/94	165.40	12.94	---	152.46	---	---	---	---	---	---	---	---
MW-6	01/26/95	165.40	10.46	---	154.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	7.3	ATI
MW-6	06/08/95	165.40	16.84	---	148.56	---	---	---	---	---	---	---	---
MW-6	08/22/95	165.40	19.48	---	145.92	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0 (d)	6.7	ATI
MW-6	10/27/95	165.40	20.39	---	145.01	---	---	---	---	---	---	---	---
MW-6	01/25/96	165.40	12.24	---	153.16	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	9.9	---	CEI
MW-6	04/19/96	165.40	13.90	---	151.50	---	---	---	---	---	---	---	---
MW-6	07/23/96	165.40	17.83	---	147.57	---	---	---	---	---	---	---	---
MW-6	11/11/96	165.40	18.90	---	146.50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	7.7	SPL
MW-6	01/21/97	165.40	11.97	---	153.43	---	---	---	---	---	---	---	---
MW-6	04/29/97	165.40	17.04	---	148.36	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.5	SPL
MW-6	08/21/97	165.40	18.58	---	146.82	---	---	---	---	---	---	---	---
MW-6	11/05/97	165.40	19.17	---	146.23	70	ND<0.5	ND<1.0	ND<1.0	ND<1.0	85	4.3	SPL
MW-6	02/03/98	165.40	9.87	---	155.53	---	---	---	---	---	---	---	---
MW-6	05/28/98	165.40	13.38	---	152.02	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	3.7	SPL
MW-6	12/30/98	165.40	14.45	---	150.95	---	---	---	---	---	---	---	---
MW-6	02/02/99	165.40	18.29	---	147.11	---	---	---	---	---	---	---	---
MW-6	05/10/99	165.40	17.49	---	147.91	---	---	---	---	---	---	---	---
MW-6	08/24/99	165.40	17.61	---	147.79	---	---	---	---	---	---	---	---
MW-6	11/03/99	165.40	16.26	---	149.14	---	---	---	---	---	---	---	---

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 (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-7	07/09/90	167.61	16.6	---	---	ND	ND	ND	ND	ND	---	---	---
MW-7	12/21/90	167.61	19.70	---	---	ND	ND	ND	ND	ND	---	---	---
MW-7	03/07/91	167.61	19.04	---	148.57	ND	ND	0.4	0.3	2.4	---	---	---
MW-7	06/27/91	167.61	---	---	---	70	17	4	0.8	2.2	---	---	---
MW-7	09/27/91	167.61	---	---	---	ND	0.4	ND	ND	0.4	---	---	---
MW-7	12/18/91	167.61	---	---	---	ND	0.7	2.9	0.8	3.3	---	---	---
MW-7	04/01/91	167.61	15.18	---	152.43	ND	ND	ND	ND	ND	---	---	---
MW-7	07/03/92	167.61	20.28	---	147.33	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-7	10/05/92	167.61	21.56	---	146.05	ND<50	ND<0.5	ND<0.5	ND<0.5	1.5	---	---	ANA
MW-7	01/13/93	167.61	15.41	---	152.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-7	04/23/93	167.61	15.84	---	151.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-7	07/12/93	167.61	19.84	---	147.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-7	10/21/93	167.61	21.61	---	146.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-7	01/21/94	167.61	20.49	---	147.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-1 (c)	01/21/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-7	04/20/94	167.61	20.54	---	147.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	1.5	PACE
MW-7	08/01/94	167.61	20.99	---	146.62	ND<50	0.7	ND<0.5	ND<0.5	ND<0.5	---	1.9	PACE
MW-7	12/23/94	167.61	15.00	---	152.61	---	---	---	---	---	---	---	---
MW-7	01/26/95	167.61	14.69	---	152.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	7.0	ATI
MW-7	06/08/95	167.61	19.87	---	147.74	---	---	---	---	---	---	---	---
MW-7	08/22/95	167.61	21.49	---	146.12	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0 (d)	6.4	ATI
MW-7	10/27/95	167.61	22.53	---	145.08	---	---	---	---	---	---	---	---
MW-7	01/25/96	167.61	17.21	---	150.40	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	CEI
MW-7	04/19/96	167.61	17.09	---	150.52	---	---	---	---	---	---	---	---
MW-7	07/23/96	167.61	21.02	---	146.59	---	---	---	---	---	---	---	---
MW-7	11/11/96	167.61	22.03	---	145.58	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	7.8	SPL
MW-7	01/21/97	167.61	15.06	---	152.55	---	---	---	---	---	---	---	---
MW-7	04/29/97	167.61	20.11	---	147.50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.4	SPL
MW-7	08/21/97	167.61	21.59	---	146.02	---	---	---	---	---	---	---	---
MW-7	11/05/97	167.61	20.05	---	147.56	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.4	SPL
MW-7	02/03/98	167.61	9.97	---	157.64	---	---	---	---	---	---	---	SPL
MW-7	05/28/98	167.61	13.52	---	154.09	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.3	SPL
MW-7	12/30/98	167.61	18.33	---	149.28	---	---	---	---	---	---	---	---
MW-7	02/02/99	167.61	12.33	---	149.28	---	---	---	---	---	---	---	---
MW-7	05/10/99	167.61	13.52	---	154.09	---	---	---	---	---	---	---	---
MW-7	08/24/99	167.61	14.01	---	153.60	---	---	---	---	---	---	---	---
MW-7	11/03/99	167.61	19.91	---	147.70	---	---	---	---	---	---	---	---

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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-8	03/07/91	165.74	16.72	---	149.02	272700	780	450	64	310	---	---	---
MW-8	06/27/91	165.74	---	---	---	12000	3400	1100	240	750	---	---	---
MW-8	09/27/91	165.74	---	---	---	48 4100	5700	5200	1100	4300	---	---	---
MW-8	12/18/91	165.74	---	---	---	32 3250	990	150	120	250	---	---	---
MW-8	04/01/92	165.74	12.54	---	153.20	15000	3600	2600	410	1900	---	---	---
MW-8	07/03/92	165.74	18.78	---	146.96	72000 ✓	19000	32000	3000	15000	---	---	ANA
MW-8	10/05/92	165.74	20.48	0.01	145.27	---	---	---	---	---	---	---	---
MW-8	01/13/93	165.74	12.87	0.01	152.88	---	---	---	---	---	---	---	---
MW-8	04/23/93	165.74	13.90	SHEEN	151.84	---	---	---	---	---	---	---	---
MW-8	07/12/93	165.74	18.30	SHEEN	147.44	---	---	---	---	---	---	---	---
MW-8	10/21/93	165.74	21.91	0.95	144.54	---	---	---	---	---	---	---	---
MW-8	01/21/94	165.74	19.12	0.03	146.64	---	---	---	---	---	---	---	---
MW-8	04/20/94	165.74	19.28	0.03	146.48	26000	1700	4100	960	4000	---	1.1	PACE
MW-8	08/01/94	165.74	---	---	---	---	---	---	---	---	---	---	---
MW-8	12/23/94	165.74	13.81	0.03	151.95	---	---	---	---	---	---	---	---
MW-8	01/26/95	165.74	---	---	---	---	---	---	---	---	---	---	---
MW-8	06/08/95	165.74	17.82	0.29	148.14	---	---	---	---	---	---	---	---
MW-8	08/22/95	165.74	19.41	0.20	146.48	---	---	---	---	---	---	---	---
MW-8	10/27/95	165.74	20.47	0.14	145.38	---	---	---	---	---	---	---	---
MW-8	01/25/96	165.74	13.35	0.22	152.56	---	---	---	---	---	---	---	---
MW-8	04/19/96	165.74	14.40	0.20	151.49	---	---	---	---	---	---	---	---
MW-8	07/23/96	165.74	18.35	0.14	147.50	---	---	---	---	---	---	---	---
MW-8	11/11/96	165.74	19.41	0.02	146.35	---	---	---	---	---	---	---	---
MW-8	01/21/97	165.74	12.29	0.01	153.46	---	---	---	---	---	---	---	---
MW-8 (e)	04/29/97	165.74	---	---	---	---	---	---	---	---	---	---	---
MW-8	08/21/97	165.74	19.61	---	146.13	240000	1100	9300	4100	31100	ND<1000	5.2	SPL
MW-8	11/05/97	165.74	19.45	0.10	146.37	57000	790	2700	2300	15200	ND<1000	5.0	SPL
MW-8	02/03/98	165.74	9.33	0.03	156.43	---	---	---	---	---	---	---	---
MW-8	02/04/98	---	---	---	---	94000	570	1500	2100	15200	ND<2500	5.5	SPL
MW-8 (e)	05/28/98	165.74	---	---	---	---	---	---	---	---	---	---	---
MW-8	12/30/98	165.74	15.48	0.05	150.30	120000	460	2300	2200	15000	150	---	SPL
MW-8	02/02/99	165.74	18.29	--	147.45	82000	450	2200	3700	26000	ND<500	---	SPL
MW-8	05/10/99	165.74	15.62	--	150.12	28000	740	1800	1100	5800	ND<25	---	SPL
MW-8	08/24/99	165.74	18.41	--	147.33	75000	530	1400	3300	21000	150	---	SPL
MW-8	11/03/99	165.74	18.71	--	147.03	70000	600	1300	3600	20500	750	---	PACE

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 (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-9	03/07/91	166.20	16.79	---	149.41	7.7 7100	220	4	2.4	2400	---	---	---
MW-9	06/27/91	166.20	---	---	---	3600	520	400	85	310	---	---	---
MW-9	09/27/91	166.20	---	---	---	3.2 3200	720	150	50	180	---	---	---
MW-9	12/18/91	166.20	---	---	---	ND	2.5	1.1	0.3	5.8	---	---	---
MW-9	04/01/91 ✓	166.20	12.89	---	153.31	12000	2000	2600	360	1600	---	---	---
MW-9	07/03/92	166.20	18.89	---	147.31	5700	17000	840	230	800	---	---	ANA
MW-9	10/05/92	166.20	20.52	---	145.68	1400	440	17	14	100	---	---	ANA
MW-9	01/13/93	166.20	12.92	---	153.28	11000	1200	1700	340	1400	---	---	PACE
QC-1 (c)	01/13/93	---	---	---	---	11000	1200	1600	330	1300	---	---	PACE
MW-9	04/23/93	166.20	14.08	---	152.12	24000	2800	4500	730	3400	---	---	PACE
MW-9	07/12/93	166.20	18.44	---	147.76	13000	1400	1100	360	1400	---	---	PACE
QC-1 (c)	07/12/93	---	---	---	---	10000	1200	900	310	1200	---	---	PACE
MW-9	10/21/93	166.20	21.81	0.89	145.06	---	---	---	---	---	---	---	---
MW-9	01/21/94	166.20	19.28	---	146.92	---	---	---	---	---	---	---	---
MW-9	04/20/94	166.20	19.72	---	146.48	43000	2800	6800	1300	7900	---	1.7	PACE
QC-1 (c)	04/20/94	---	---	---	---	45000	2700	6800	1200	8200	740 (d)	---	PACE
MW-9	08/01/94	166.20	20.18	0.05	146.06	---	---	---	---	---	---	---	---
MW-9	12/23/94	166.20	14.22	0.02	152.00	---	---	---	---	---	---	---	---
MW-9	01/26/95	166.20	11.85	0.13	154.45	---	---	---	---	---	---	---	---
MW-9	06/08/95	166.20	18.33	0.80	148.47	---	---	---	---	---	---	---	---
MW-9	08/22/95	166.20	19.95	0.01	146.26	---	---	---	---	---	---	---	---
MW-9	10/27/95	166.20	20.88	0.01	145.33	---	---	---	---	---	---	---	---
MW-9	01/25/96	166.20	13.84	0.07	152.41	---	---	---	---	---	---	---	---
MW-9 (e)	04/19/96	166.20	---	---	---	---	---	---	---	---	---	---	---
MW-9	07/23/96	166.20	18.84	0.03	147.38	---	---	---	---	---	---	---	---
MW-9	11/11/96	166.20	19.91	0.01	146.30	---	---	---	---	---	---	---	---
MW-9	01/21/97	166.20	12.93	0.01	153.28	---	---	---	---	---	---	---	---
MW-9	04/29/97	166.20	18.03	SHEEN	148.17	---	---	---	---	---	---	---	---
MW-9	04/30/97	166.20	---	---	---	78000	1900	3600	3100	20600	ND<5000	5.5	SPL
MW-9	08/21/97	166.20	19.56	0.01	146.65	110000	2100	3400	2300	18800	ND<500	5.1	SPL
MW-9	11/05/97	166.20	20.59	0.01	145.62	59000	1400	1700	2200	17000	ND<500	4.5	SPL
MW-9	02/03/98	166.20	10.56	---	155.64	55000	490	1200	1400	10200	ND<1000	4.9	SPL
MW-9	05/28/98	166.20	14.21	0.01	152.00	41000	250	1200	1500	11400	ND<250	3.8	SPL
QC-1 (c)	05/28/98	---	---	---	---	53000	290	830	1400	10500	ND<500	---	SPL
MW-9	12/30/98	166.20	15.61	---	150.59	83000	860	1300	2400	21000	180	---	SPL
MW-9	02/02/99	166.20	12.33	---	153.87	75000	530	960	1900	17000	ND<50	---	SPL
MW-9	05/10/99	166.20	15.67	---	150.53	22000	600	1500	1100	4400	72	---	SPL
MW-9	08/24/99	166.20	19.10	---	147.10	85000	850	1300	1700	20000	ND<250	---	SPL
MW-9	11/03/99	166.20	19.58	---	146.62	72000	700	780	1900	19000	ND<5.0	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet)	DEPTH TO WATER (a) (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB	
MW-10	03/07/91	167.01	18.09	---	148.92	1.8/6.03	120	190	32	230	---	---	---	
MW-10	06/27/91	167.01	---	---	---	12000	7300	500	150	300	---	---	---	
MW-10	09/27/91	167.01	---	---	---	57 57000	12000	7200	1400	4600	---	---	---	
MW-10	12/18/91	167.01	---	---	---	5.3 5300	2500	120	36	79	---	---	---	
MW-10	04/01/92	167.01	13.92	---	153.09	ND	ND	ND	ND	ND	---	---	---	
MW-10	07/03/92	167.01	19.92	---	147.09	8600	5100	1300	180	690	---	---	ANA	
MW-10	10/05/92	167.01	21.92	0.19	145.23	---	---	---	---	---	---	---	---	
MW-10	01/13/93	167.01	14.43	0.03	152.60	---	---	---	---	---	---	---	---	
MW-10	04/23/93	167.01	15.26	0.06	151.80	---	---	---	---	---	---	---	---	
MW-10	07/12/93	167.01	19.78	0.45	147.57	---	---	---	---	---	---	---	---	
MW-10	10/21/93	167.01	22.90	0.69	144.63	---	---	---	---	---	---	---	---	
MW-10	01/21/94	167.01	20.25	0.06	146.81	---	---	---	---	---	---	---	---	
MW-10	04/20/94	167.01	20.74	---	146.27	100000	12000	24000	2400	14000	1600	(d)	1.0	PACE
MW-10	08/01/94	167.01	22.00	0.28	145.22	---	---	---	---	---	---	---	---	
MW-10	12/23/94	167.01	16.08	0.25	151.12	---	---	---	---	---	---	---	---	
MW-10	01/26/95	167.01	13.68	0.80	153.93	---	---	---	---	---	---	---	---	
MW-10	06/08/95	167.01	19.08	0.75	148.49	---	---	---	---	---	---	---	---	
MW-10	08/22/95	167.01	20.73	0.70	146.81	---	---	---	---	---	---	---	---	
MW-10	10/27/95	167.01	21.69	0.63	145.79	---	---	---	---	---	---	---	---	
MW-10	01/25/96	167.01	15.05	0.81	152.57	---	---	---	---	---	---	---	---	
MW-10	04/19/96	167.01	16.26	0.58	151.19	---	---	---	---	---	---	---	---	
MW-10	07/23/96	167.01	20.18	0.62	147.30	---	---	---	---	---	---	---	---	
MW-10	11/11/96	167.01	21.20	0.20	145.96	---	---	---	---	---	---	---	---	
MW-10	01/21/97	167.01	13.66	0.14	153.46	---	---	---	---	---	---	---	---	
MW-10	04/29/97	167.01	18.71	0.21	148.46	---	---	---	---	---	---	---	---	
MW-10	04/30/97	167.01	---	---	---	170000	9700	38000	4700	30500	ND<5000	5.6	SPL	
MW-10	08/21/97	167.01	20.19	0.14	146.93	170000	9500	35000	4300	27100	ND<5000	5.3	SPL	
MW-10	11/05/97	167.01	20.52	0.02	146.51	80000	3800	12000	2700	15700	ND<500	4.4	SPL	
MW-10	02/03/98	167.01	10.62	0.01	156.40	---	---	---	---	---	---	---	---	
MW-10	02/04/98	---	---	---	---	72000	500	1300	1700	12000	ND<1000	5.1	SPL	
MW-10	05/28/98	167.01	15.46	---	151.55	220000	3200	24000	5200	43000	ND<1000	4.8	SPL	
MW-10	12/30/98	167.01	16.65	---	150.36	110000	3500	14000	5800	50000	ND<50	---	SPL	
MW-10	02/02/99	167.01	14.58	---	152.43	74000	1000	2800	1000	26000	860	---	SPL	
MW-10	05/10/99	167.01	15.72	---	151.29	81000	2800	2800	3000	17000	220	---	SPL	
MW-10	08/24/99	167.01	19.85	---	147.16	54000	3500	3800	1500	9100	ND<250	---	SPL	
MW-10	11/03/99	167.01	20.00	---	147.01	30000	3000	3500	1200	5000	31	---	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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
RW-1	07/09/90	168.01	27.932	1.21	---	---	---	---	---	---	---	---	---
RW-1	12/21/90	168.01	20.79	0.01	---	---	---	---	---	---	---	---	---
RW-1	03/07/91	168.01	17.62	SHEEN	150.39	---	---	---	---	---	---	---	---
RW-1	06/27/91	168.01	---	0.04	---	---	---	---	---	---	---	---	---
RW-1	09/27/91	168.01	---	0.02	---	---	---	---	---	---	---	---	---
RW-1	12/18/91	168.01	---	0.02	---	---	---	---	---	---	---	---	---
RW-1	04/01/91	168.01	14.40	0.11	153.69	---	---	---	---	---	---	---	---
RW-1	07/03/92	168.01	20.66	SHEEN	147.35	---	---	---	---	---	---	---	---
RW-1	10/05/92	168.01	23.34	0.08	144.73	---	---	---	---	---	---	---	---
RW-1	01/13/93	168.01	16.59	0.05	151.46	---	---	---	---	---	---	---	---
RW-1	04/23/93	168.01	16.17	0.18	151.98	---	---	---	---	---	---	---	---
RW-1	07/12/93	168.01	20.18	0.06	147.88	---	---	---	---	---	---	---	---
RW-1	10/21/93	168.01	25.70	0.56	142.73	---	---	---	---	---	---	---	---
RW-1	01/21/94	168.01	21.24	0.4	147.07	---	---	---	---	---	---	---	---
RW-1	04/20/94	168.01	32.20	---	135.81	---	---	---	---	---	---	---	---
RW-1	08/01/94	168.01	21.70	---	146.31	29000	580	950	300	7800	1200	(d) 1.1	PACE
RW-1	12/23/94	168.01	16.02	---	151.99	1300	25	8.6	1.4	69	---	1.8	PACE
RW-1	01/26/95	168.01	13.78	---	154.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	ATI
QC-1 (c)	01/26/95	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	ATI
RW-1	06/08/95	168.01	20.05	---	147.96	1300	130	ND<1.0	ND<1.0	36	---	---	ATI
RW-1	08/22/95	168.01	21.74	---	146.27	3300	230	13	4.9	280	ND<25	(d) 6.6	ATI
QC-1 (c)	08/22/95	---	---	---	---	2800	210	9.3	4.3	250	ND<25	(d) ---	ATI
RW-1	10/27/95	168.01	32.00	---	136.01	---	---	---	---	---	---	---	---
RW-1	10/30/95	168.01	---	---	---	230	1.4	ND<1.0	ND<1.0	ND<2.0	650	6.9	ATI
QC-1 (c)	10/30/95	---	---	---	---	240	1.6	ND<1.0	ND<1.0	ND<2.0	630	---	ATI
RW-1	01/25/96	168.01	15.41	---	152.60	15000	3400	930	330	2500	5300	---	CEI
RW-1	04/19/96	168.01	16.83	---	151.18	35000	5500	3300	1700	9400	14000	7.6	SPL
QC-1 (c)	04/19/96	---	---	---	---	33000	5600	3200	1700	8800	15000	---	SPL
RW-1	07/23/96	168.01	20.76	---	147.25	46000	3600	2300	900	5100	36000	7.4	SPL
QC-1 (c)	07/23/96	---	---	---	---	47000	3700	2500	930	5300	35000	---	SPL
RW-1	11/11/96	168.01	21.73	---	146.28	34000	3000	1200	880	4600	22000	8.3	SPL
QC-1 (c)	11/11/96	---	---	---	---	31000	2900	1000	860	4600	22000	---	SPL
RW-1	01/21/97	168.01	14.20	---	153.81	260	40	16	2.7	34	1500	6.1	SPL
QC-1 (c)	01/21/97	---	---	---	---	270	42	17	2.7	36	1500	---	SPL
RW-1	04/29/97	168.01	19.15	---	148.86	32000	3100	590	1300	6000	46000	5.3	SPL
RW-1	08/21/97	168.01	20.67	---	147.34	7600	730	58	370	1780	9500	4.7	SPL
RW-1	11/05/97	168.01	21.01	---	147.00	39000	2300	86	1300	3840	56000	4.5	SPL
RW-1	02/03/98	168.01	10.68	---	157.33	3400	31	11	29	161	3200	5.1	SPL
RW-1	05/28/98	168.01	15.55	---	152.46	2000	90	15	60	305	2700	4.3	SPL

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)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
RW-1	12/30/98	168.01	17.35	---	150.66	---	---	---	---	---	---	---	---
RW-1	02/02/99	168.01	14.58	---	153.43	82000	2300	120	2000	3200	51000/78000 (g)	---	SPL
RW-1	05/10/99	168.01	16.00	---	152.01	15000	620	88	340	660	61000	---	SPL
RW-1	08/24/99	168.01	20.00	---	148.01	52000	1400	170	2200	2900	37000	---	SPL
RW-1	11/03/99	168.01	20.39	---	147.62	17000	2500	86	1500	970	54000	---	PACE

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 (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
QC-2	(f) 10/05/92	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
QC-2	(f) 01/13/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 04/23/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 07/12/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 10/21/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 01/21/94	---	---	---	---	ND<50	ND<0.5	2.1	ND<0.5	2.1	---	---	PACE
QC-2	(f) 04/20/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 04/20/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 12/23/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ATI
QC-2	(f) 01/26/95	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	ATI
QC-2	(f) 06/08/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2	(f) 08/22/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	(d)	ATI
QC-2	(f) 10/30/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
QC-2	(f) 01/25/96	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	CEI
QC-2	(f) 04/19/96	---	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	SPL

ABBREVIATIONS:

TPH-G Total petroleum hydrocarbons as gasoline
 B Benzene
 T Toluene
 E Ethylbenzene
 X Total xylenes
 MTBE Methyl tert butyl ether
 DO Dissolved oxygen
 ug/l Micrograms per liter
 ppm Parts per million
 --- Not analyzed/available/applicable/measurable
 ND Not detected above reported detection limit
 PACE Pace, Inc.
 ANA Anametrix, Inc.
 ATI Analytical Technologies, Inc.
 CEI Ceimic Corporation
 SPL Southern Petroleum Laboratories

NOTES:

- (a) Casing elevations surveyed to the nearest 0.01 foot relative to mean sea level.
- (b) Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.
- (c) Blind duplicate.
- (d) A copy of the documentation for this data is included in Appendix C of Alisto report 10-024-10-001.
- (e) Well inaccessible.
- (f) Travel blank.
- (g) EPA Methods 8020/8260 used.

TABLE 2 - PRODUCT REMOVAL STATUS
 BP OIL COMPANY SERVICE STATION NO. 11132
 3201 35TH STREET, OAKLAND, CALIFORNIA

ALISTO PROJECT NO. 10-024

WELL ID	DATE	PRODUCT REMOVED (Gallons)	PRODUCT REMOVED CUMULATIVE (Gallons)
MW-1	01/26/95	3.00	3.00
MW-2	09/29/93	0.10	0.10
	10/05/93	0.10	0.20
	10/14/93	0.10	0.30
	10/20/93	0.25	0.55
	11/02/93	0.10	0.65
	12/07/93	0.05	0.70
	12/17/93	-0.01	0.70
	12/23/93	-0.30	1.00
	01/12/94	0.05	1.05
	02/02/94	0.01	1.06
	02/11/94	0.01	1.07
	03/18/94	-0.01	1.07
	10/26/94	0.76	1.83
	11/12/94	0.08	1.91
	12/12/94	0.03	1.94
	01/26/95	0.19	2.13
MW-8	11/02/93	0.25	0.25
	11/10/93	0.10	0.35
	11/18/93	0.10	0.45
	11/23/93	0.10	0.55
	11/30/93	0.10	0.65
	12/17/93	-0.01	0.65
	12/23/93	-0.01	0.65
	01/12/94	0.01	0.66
	02/02/94	0.05	0.71
	02/11/94	0.08	0.79
	02/18/94	-0.01	0.79
	03/18/94	0.01	0.80
	04/27/94	-0.01	0.80
	05/27/94	-0.01	0.80
	10/26/94	0.10	0.90
	11/12/94	0.02	0.92
	12/12/94	0.01	0.93
MW-9	11/02/93	0.10	0.10
	11/10/93	0.10	0.20
	11/18/93	0.10	0.30
	12/23/93	-0.01	0.30
	01/12/94	0.01	0.31
	01/20/94	0.05	0.36
	02/02/94	0.05	0.41
	02/11/94	0.01	0.42
	02/18/94	-0.01	0.42
	03/18/94	0.10	0.52
	10/26/94	0.15	0.67
	11/12/94	-0.01	0.67
	12/12/94	-0.01	0.67
	01/26/95	0.10	0.77
MW-10	09/07/93	0.10	0.10
	09/14/93	0.10	0.20
	09/29/93	0.10	0.30
	10/05/93	1.60	1.90
	10/14/93	2.10	4.00
	10/20/93	1.00	5.00
	10/27/93	1.00	6.00
	11/02/93	0.30	6.30
	11/10/93	0.20	6.50
	11/18/93	0.10	6.60
	11/23/93	0.10	6.70
	11/30/93	0.30	7.00
	12/07/93	0.20	7.20
	12/17/93	0.30	7.50
	12/23/93	-0.01	7.50
	01/04/94	0.01	7.51
	01/12/94	0.01	7.52
	01/20/94	0.20	7.72
	02/02/94	0.01	7.73
	02/11/94	0.01	7.74
	02/18/94	0.20	7.94
	05/27/94	-0.01	7.94
	10/26/94	0.60	8.54
	11/12/94	0.43	8.97
	12/12/94	0.26	9.23
	01/26/95	0.13	9.36

TABLE 2 - PRODUCT REMOVAL STATUS

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (Feet)	PRODUCT REMOVED (Gallons)	PRODUCT REMOVED CUMULATIVE (Gallons)
MW-1	07/09/90	0.22	---	0.00
MW-1	12/21/90	0.58	---	0.00
MW-1	03/07/91	0.00	---	0.00
MW-1	06/27/91	0.18	---	0.00
MW-1	09/27/91	0.27	---	0.00
MW-1	12/18/91	0.28	---	0.00
MW-1	04/01/91	0.15	---	0.00
MW-1	07/03/92	0.27	---	0.00
MW-1	10/05/92	0.24	---	0.00
MW-1	01/13/93	0.24	---	0.00
MW-1	04/23/93	0.42	---	0.00
MW-1	07/12/93	0.49	---	0.00
MW-1	10/21/93	1.09	---	0.00
MW-1	01/21/94	0.76	---	0.00
MW-1	04/20/94	1.80	---	0.00
MW-1	08/01/94	0.35	---	0.00
MW-1	12/23/95	0.29	---	0.00
MW-1	01/26/99	1.10	---	0.00
MW-1	06/08/95	1.20	---	0.00
MW-1	08/22/95	0.85	---	0.00
MW-1	10/27/95	0.69	---	0.00
MW-1	01/25/96	1.40	---	0.00
MW-1	04/19/96	1.22	---	0.00
MW-1	07/23/96	0.89	---	0.00
MW-1	11/11/96	0.98	---	0.00
MW-1	01/21/97	0.90	---	0.00
MW-1	04/29/97	0.85	---	0.00
MW-1	04/30/97	---	---	0.00
MW-1	08/21/97	0.87	---	0.00
MW-1	11/05/97	0.54	---	0.00
MW-1	02/03/98	0.32	---	0.00
MW-1	02/04/98	---	---	0.00
MW-1	05/28/98	0.17	---	0.00
MW-1	12/30/98	0.08	0.02	0.02
MW-1	02/02/99	0.03	0.01	0.03
MW-1	05/10/99	0.03	0.01	0.04
MW-1	08/24/99	0.06	0.01	0.05
MW-1	11/03/99	0.36	0.05	0.10

Analytical Appendix

Pace Analytical

Pace Analytical Services, Inc.
3970 Gilman St.
Long Beach, CA 90815

Tel: 562-498-9515
Fax: 562-597-0786

November 16, 1999

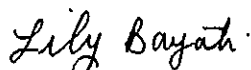
Mr. MORGAN HARGRAVE
BLAINE TECH SERVICES, INC.
1680 ROGERS AVE.
SAN JOSE, CA 95112

RE: Pace Project Number: 6035451
Client Project ID: BP 11132

Dear Mr. HARGRAVE:

Enclosed are the results of analyses for sample(s) received on November 5, 1999. 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: 11/16/99
PAGE: 1

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

Pace Project Number: 6035451
Client Project ID: BP 11132

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

Solid results are reported on a wet weight basis

Pace Sample No:	603015611	Date Collected:	11/03/99	Matrix:	Water
Client Sample ID:	A	Date Received:	11/05/99		

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

Long Beach Laboratory

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GAS BTEX by 8015m/8020, Water							
Gasoline	17000	ug/l	3000	11/09/99	VN		1
Benzene	2500	ug/l	75	11/09/99	VN	71-43-2	
Toluene	86	ug/l	75	11/09/99	VN	108-88-3	
Ethylbenzene	1500	ug/l	75	11/09/99	VN	100-41-4	
Xylenes(Total)	970	ug/l	150	11/09/99	VN		
Methyl-tert-butyl Ether	54000	ug/l	7500	11/09/99	VN	1634-04-4	
a,a,a-Trifluorotoluene (S)	116	%		11/09/99	VN	2164-17-2	

REPORT OF LABORATORY ANALYSIS

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DATE: 11/16/99
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Pace Project Number: 6035451
Client Project ID: BP 11132

Pace Sample No: 603015629 Date Collected: 11/03/99 Matrix: Water
Client Sample ID: B Date Received: 11/05/99

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

Long Beach Laboratory

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GAS BTEX by 8015m/8020, Water Method: EPA 8015m/8020							
Gasoline	30000	ug/l	3000	11/09/99	VN		
Benzene	3000	ug/l	750	11/09/99	VN	71-43-2	
Toluene	3500	ug/l	750	11/09/99	VN	108-88-3	
Ethylbenzene	1200	ug/l	75	11/09/99	VN	100-41-4	
Xylenes(Total)	5000	ug/l	1500	11/09/99	VN		
Methyl-tert-butyl Ether	31	ug/l	9	11/09/99	VN	1634-04-4	
a,a,a-Trifluorotoluene (S)	132	%		11/09/99	VN	2164-17-2	2

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DATE: 11/16/99
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Pace Project Number: 6035451
Client Project ID: BP 11132

Pace Sample No: 603015637 Date Collected: 11/03/99 Matrix: Water
Client Sample ID: C Date Received: 11/05/99

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

Long Beach Laboratory

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GAS BTEX by 8015m/8020, Water Method: EPA 8015m/8020							
Gasoline	70000	ug/l	60000	11/09/99	VN		
Benzene	600	ug/l	90	11/09/99	VN	71-43-2	
Toluene	1300	ug/l	90	11/09/99	VN	108-88-3	
Ethylbenzene	3600	ug/l	90	11/09/99	VN	100-41-4	
Xylenes(Total)	20500	ug/l	180	11/09/99	VN		
Methyl-tert-butyl Ether	750	ug/l	180	11/09/99	VN	1634-04-4	
a,a,a-Trifluorotoluene (S)	119	%		11/09/99	VN	2164-17-2	

REPORT OF LABORATORY ANALYSIS

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DATE: 11/16/99
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Pace Project Number: 6035451
Client Project ID: BP 11132

Pace Sample No: 603015652 Date Collected: 11/03/99 Matrix: Water
Client Sample ID: D Date Received: 11/05/99

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

Long Beach Laboratory

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GAS BTEX by 8015m/8020, Water Method: EPA 8015m/8020							
Gasoline	72000	ug/l	60000	11/09/99	VN		
Benzene	700	ug/l	90	11/09/99	VN	71-43-2	
Toluene	780	ug/l	90	11/09/99	VN	108-88-3	
Ethylbenzene	1900	ug/l	90	11/09/99	VN	100-41-4	
Xylenes(Total)	19000	ug/l	180	11/09/99	VN		
Methyl-tert-butyl Ether	ND	ug/l	5	11/09/99	VN	1634-04-4	
a,a,a-Trifluorotoluene (S)	116	%		11/09/99	VN	2164-17-2	

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DATE: 11/16/99
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Pace Project Number: 6035451
Client Project ID: BP 11132

Pace Sample No: 603015660 Date Collected: 11/03/99 Matrix: Water
Client Sample ID: E Date Received: 11/05/99

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

Long Beach Laboratory

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GAS BTEX by 8015m/8020, Water							
Gasoline	65000	ug/l	60000	11/09/99	VN		
Benzene	6300	ug/l	90	11/09/99	VN	71-43-2	
Toluene	1100	ug/l	90	11/09/99	VN	108-88-3	
Ethylbenzene	3300	ug/l	90	11/09/99	VN	100-41-4	
Xylenes(Total)	9500	ug/l	180	11/09/99	VN		
Methyl-tert-butyl Ether	8900	ug/l	180	11/09/99	VN	1634-04-4	
a,a,a-Trifluorotoluene (S)	101	%		11/09/99	VN	2164-17-2	

REPORT OF LABORATORY ANALYSIS

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DATE: 11/16/99
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Pace Project Number: 6035451
Client Project ID: BP 11132

Pace Sample No: 603015678 Date Collected: 11/03/99 Matrix: Water
Client Sample ID: F Date Received: 11/05/99

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

Long Beach Laboratory

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GAS BTEX by 8015m/8020, Water Method: EPA 8015m/8020							
Gasoline	120000	ug/l	30000	11/09/99	VN		
Benzene	10000	ug/l	750	11/09/99	VN	71-43-2	
Toluene	21000	ug/l	750	11/09/99	VN	108-88-3	
Ethylbenzene	4700	ug/l	750	11/09/99	VN	100-41-4	
Xylenes(Total)	30200	ug/l	1500	11/09/99	VN		
Methyl-tert-butyl Ether	2200	ug/l	750	11/09/99	VN	1634-04-4	
a,a,a-Trifluorotoluene (S)	123	%		11/09/99	VN	2164-17-2	

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DATE: 11/16/99
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Pace Project Number: 6035451
Client Project ID: BP 11132

PARAMETER FOOTNOTES

ND Not Detected
NC Not Calculable
PRL Pace Reporting Limit
(S) Surrogate
[1] This gasoline does not include MTBE
[2] Matrix Effect

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

DATE: 11/16/99
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BLAINE TECH SERVICES, INC.
449 BLOSSOM HILL RD
SAN JOSE, CA 12345

Pace Project Number: 6035451
Client Project ID: BP 11132

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

QC Batch ID: 73501
Analysis Method: EPA 8015m/8020
Associated Pace Samples: 603015611 603015629 603015637 603015652 603015660 603015678

QC Batch Method: EPA 8015m/8020
Analysis Description: GAS BTEX by 8015m/8020, Water

METHOD BLANK: 603039876
Associated Pace Samples:

Parameter	Units	603015611	603015629 Method Blank Result	603015637	603015652	603015660	603015678	PRL	Footnotes
Gasoline	ug/l		ND					200	
Benzene	ug/l		ND					0.3	
Toluene	ug/l		ND					0.3	
Ethylbenzene	ug/l		ND					0.3	
M&P-Xylene	ug/l		ND					0.6	
O-Xylene (1,2-Dimethylbenzene)	ug/l		ND					0.3	
Methyl-tert-butyl Ether	ug/l		ND					0.6	
a,a,a-Trifluorotoluene (S)	%		108						

LABORATORY CONTROL SAMPLE & LCSD: 603039884

Parameter	Units	603039892		Spike % Rec	LCSD Result	Spike Dup		RPD	Footnotes
		Spike Conc.	LCS Result			% Rec	RPD		
Gasoline	ug/l	40	43.20	108	43.40	109	1		
Benzene	ug/l	6.667	5.948	89.2	6.200	93.0	4		
Toluene	ug/l	6.667	6.007	90.1	6.140	92.1	2		
Ethylbenzene	ug/l	6.667	6.055	90.8	6.220	93.3	3		
M&P-Xylene	ug/l	13.33	11.81	88.5	12.20	91.5	3		
O-Xylene (1,2-Dimethylbenzene)	ug/l	6.667	6.400	96.0	6.530	98.0	2		
Methyl-tert-butyl Ether	ug/l	6.667	6.840	103	7.050	106	3		
a,a,a-Trifluorotoluene (S)				101		110			

REPORT OF LABORATORY ANALYSIS

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DATE: 11/16/99
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Pace Project Number: 6035451
Client Project ID: BP 11132

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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CHAIN OF CUSTODY

15537A
6035451

CONSULTANT'S NAME Blaine Tech Services, Inc.		CONSULTANT'S ADDRESS 1680 Rogers Ave., San Jose CA 95112	
BP SITE NUMBER 11132	BP SITE / FACILITY ADDRESS 3201 35th Avenue, Oakland		CONSULTANT PROJECT NUMBER 991103-62
CONSULTANT PROJECT MANAGER Morgan Hargrave		PHONE NUMBER (408) 573-0555 x 218	FAX NUMBER (408) 573-7771
BP CONTACT Scott Hooton		BP ADDRESS 295 SW 41st Street, Suite N, Renton WA	PHONE NUMBER (425) 251-0689
LAB CONTACT Pace - Lily Bayati		LABORATORY ADDRESS 3970 Gilman Street, Long Beach, CA	PHONE NUMBER (562) 498-9515
BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name)		RUSH REQUESTED OF (Print Consultant Contact Name)	DATE/TIME
			SHIPMENT DATE
			SHIPMENT METHOD

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

SAMPLE DESCRIPTION	COLLECTION DATE	COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS		PRESERVATIVE	TPH-G + BTEX / MTBE (8015M)	TPH-D (8015M)	FUEL OXYGENATES (8280)	1,2-DCA + EDB (8010)							COMMENTS	
				NO.	TYPE (VOL)	LAB SAMPLE #												
AW A	11/3/99	1335	H ₂ O	3	W		X											
B	↓	1415	↓	↓	↓		X											
C	↓	1433	↓	↓	↓		X											
D	↓	1458	↓	↓	↓		X											
E	↓	1515	↓	↓	↓		X											
F	↓	1534	↓	↓	↓		X											

SAMPLED BY (Please Print Name) Morgan Gillies SAMPLED BY (Signature) [Signature] ADDITIONAL COMMENTS: - Temp. is 4°C

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION Name / Signature	(Print)	DATE	TIME
<u>Morgan Gillies</u>	<u>11/4/99</u>	<u>8:30 AM</u>	<u>NOEY TONG</u>	<u>[Signature]</u>	<u>11/5/99</u>	<u>9:00</u>

Field Data Sheets

WELL GAUGING DATA

Project # 991103-62 Date 11/3/99 Client BP 11132

Site 3201 35th Ave., Oakland, CA

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 of TOC	
* MW-1	2	Sheen odor	21.91	0.36	200	22.27	44.28	TOC	E
* MW-2	2					20.93	34.42		F
MW-3	2					19.21	34.36		
MW-4	2					22.78	39.44		
MW-5	2				18.48	18.48	29.93		
MW-6	2					16.26	34.48		
MW-7	2				19.91	19.91 22.78	39.44	34.32	
MW-8	2	odor				18.71	39.21		C
* MW-9	2	odor				19.58	29.56		D
* MW-10	2					20.00 19.92	34.02		B
RW-1	6	F.P. on Probe				20.39	38.39		A
		measured with interface probe							
		no measurable thickness							
* Skimmer broken in half.									
* Removed Skimmer to gauge									

BP WELL MONITORING DATA SHEET

Project #: <u>991103-62</u>	Station # <u>11132</u>
Sampler: <u>M6</u>	Date: <u>11/3/99</u>
Well I.D.: <u>MW - 1</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>44.28</u>	Depth to Water: <u>22.27</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

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

Other: _____

<u>3.5</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>10.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1456</u>	<u>68.1</u>	<u>6.8</u>	<u>1450</u>	<u>3.75</u>	<u>Strong Odor / Heavy Sheen</u>
<u>1504</u>	<u>67.8</u>	<u>6.8</u>	<u>1440</u>	<u>7.5</u>	
<u>1512</u>	<u>67.8</u>	<u>6.8</u>	<u>1440</u>	<u>11.0</u>	
					<u>Recovered 200 mL FP.</u>

Did well dewater? Yes No Gallons actually evacuated: 11

Sampling Time: 15:15 Sampling Date: 11/3/99

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

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

BP WELL MONITORING DATA SHEET

Project #: <u>991103-62</u>	Station # <u>11132</u>
Sampler: <u>MB</u>	Date: <u>11/3/99</u>
Well I.D.: <u>MW-2</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>34.42</u>	Depth to Water: <u>20.93</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <u>Bailer</u>	Sampling Method: <u>Bailer</u>
<input checked="" type="checkbox"/> Disposable Bailer	<input checked="" type="checkbox"/> Disposable Bailer
<u>Middleburg</u>	<u>Extraction Port</u>
<u>Electric Submersible</u>	Other: _____
<u>Extraction Pump</u>	
Other: _____	

<u>2.2</u>	x	<u>3</u>	=	<u>6.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
15:23	68.0	6.6	1840	2.5	Odor / Sheen
15:26	68.1	6.6	1894	4.5	
15:30	68.4	6.7	1850	7	
	Emptied Skimmer = \emptyset				

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>7</u>
Sampling Time: <u>1534</u>	Sampling Date: <u>11/3/99</u>
Sample I.D. (Blind): <u>F</u>	Laboratory: <u>SPL</u> Other _____
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other:	

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

BP WELL MONITORING DATA SHEET

Project #: <u>991103-62</u>	Station # <u>11132</u>
Sampler: <u>MG</u>	Date: <u>11/3/99</u>
Well I.D.: <u>MW 8</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>39.21</u>	Depth to Water: <u>18.71</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer Extraction Port Other: _____
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<u>3.3</u>	x	<u>3</u>	=	<u>9.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>14:24</u>	<u>6.5</u>	<u>6.7</u>	<u>1385</u>	<u>3.5</u>	
<u>14:29</u>	<u>6.5</u>	<u>6.7</u>	<u>1354</u>	<u>7</u>	
<u>14:32</u>	<u>6.5</u>	<u>6.8</u>	<u>1353</u>	<u>10</u>	
*					<u>F.P. on bailer heavy sheen</u>

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Gallons actually evacuated: <u>10</u>	
Sampling Time: <u>14:33</u>	Sampling Date: <u>11/3/99</u>	
Sample I.D. (Blind): <u>C</u>	Laboratory: <u>SPL</u> Other _____	
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other:		
D.O. (if req'd):	Pre-purge: mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV

BP WELL MONITORING DATA SHEET

Project #: <u>991103-62</u>	Station # <u>11132</u>
Sampler: <u>MB</u>	Date: <u>11/3/99</u>
Well I.D.: <u>MW-9</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>29.56</u>	Depth to Water: <u>19.58</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

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

<u>1.6</u>	x	<u>3</u>	=	<u>4.8</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:46	67.8	6.9	1320	1.75	grey heavy stream
14:50	68.2	6.9	1234	3.5	ODOR
14:55	68.1	6.9	1198	5.0	Little bit of FP
Emptied Skimmer = ∅					

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>5</u>
Sampling Time: <u>14:58</u>	Sampling Date: <u>11/3/99</u>
Sample I.D. (Blind): <u>D</u>	Laboratory: <u>SPL</u> Other _____
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other:	
D.O. (if req'd):	Pre-purge: mg/L Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV Post-purge: mV

BP WELL MONITORING DATA SHEET

Project #: 991103-G2	Station # 11132
Sampler: MLG	Date: 11/3/99
Well I.D.: MW 10	Well Diameter: 2 3 4 6 8
Total Well Depth: 34.02	Depth to Water: 20.00
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: Bailer Sampling Method: Bailer
 Disposable Bailer Disposable Bailer
 Middleburg Extraction Port
 Electric Submersible Other: _____
 Extraction Pump
 Other: empty skimmer

<u>2.2</u>	X	<u>3</u>	=	<u>6.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:00	66.6	6.7	1483	2.5	Heavy Sheen
14:07	66.5	6.7	1486	4.5	FP on Bailer
14:12	66.4	6.7	1486	7	
					Emptied Skimmer = 10 mL FP

Did well dewater? Yes No Gallons actually evacuated: **7**

Sampling Time: **1415** Sampling Date: **11/3/99**

Sample I.D. (Blind): **B** 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>991103-62</u>	Station # <u>11132</u>
Sampler: <u>ML</u>	Date: <u>11/3/99</u>
Well I.D.: <u>RW1</u>	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: <u>38,39</u>	Depth to Water: <u>20.39</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method:	Sampling Method:
<input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Middleburg <input checked="" type="checkbox"/> <u>Electric Submersible</u> <input type="checkbox"/> Extraction Pump	<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____

Other: _____

<u>26.4</u>	x	<u>3</u>	=	<u>79.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:25	70.7	<u>6.4</u>	915.	27	FP on pump + reel.
13:28	70.5	6.5	984.	54	Strong Odor
13:31	71.0	4.4	1039	80	
					Removed Extraction
					Pump to sample

Did well dewater? Yes No Gallons actually evacuated: 80

Sampling Time: 13:35 Sampling Date: 11/3/99

Sample I.D. (Blind): A 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