



Scott T. Hooton  
Portfolio Manager

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

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

October 12, 2001

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

RE: Former BP Oil Site No. 11133  
2220 98<sup>th</sup> Avenue (at Bancroft)  
Oakland, CA

~~Why wasn't well RW-1 sampled?  
Don't understand notation - no  
product, no DTW or DT bottom  
measured - What was nature of  
product?~~

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

Dear Ms. Chu:

This letter transmits the 25 September 2001 *Third Quarter 2001 Groundwater Monitoring* report prepared by Blaine Tech Services on behalf of BP. The report summarizes monitoring data obtained since 1991, including results associated with samples obtained on 24 July 2001.

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

Sincerely,

Scott Hooton

Ask Hooton to clean well RW-1 so it  
can be sampled next week

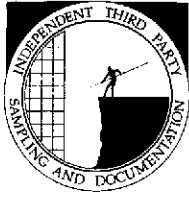
Attachment

Ask if PACE is a CA certified lab  
- search Pacelabs.com  
- call Blaine

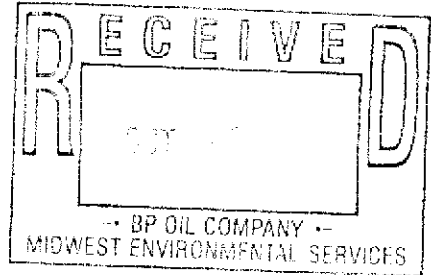
cc: site file  
David Camille - Tosco (w/attachment)  
City of Oakland, Public Works Agency - Environmental Services, Attention Mr. Mark Gomez, 250  
Frank Ogawa Plaza, STE 5301, Oakland, CA 94612 (w/attachment)

lab: Paula Curtly - (281) 488-1810  
yes - CA certified 01143CA

**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



September 25, 2001

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

### **3rd Quarter 2001 Monitoring at 11133**

Third Quarter 2001 Groundwater Monitoring  
BP Service Station Number 11133  
2220 98th Avenue  
Oakland, CA

Monitoring Performed on July 24, 2001

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#### **Groundwater Sampling Report 010724-B-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.

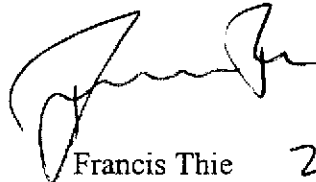
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The **Professional Engineering Appendix**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



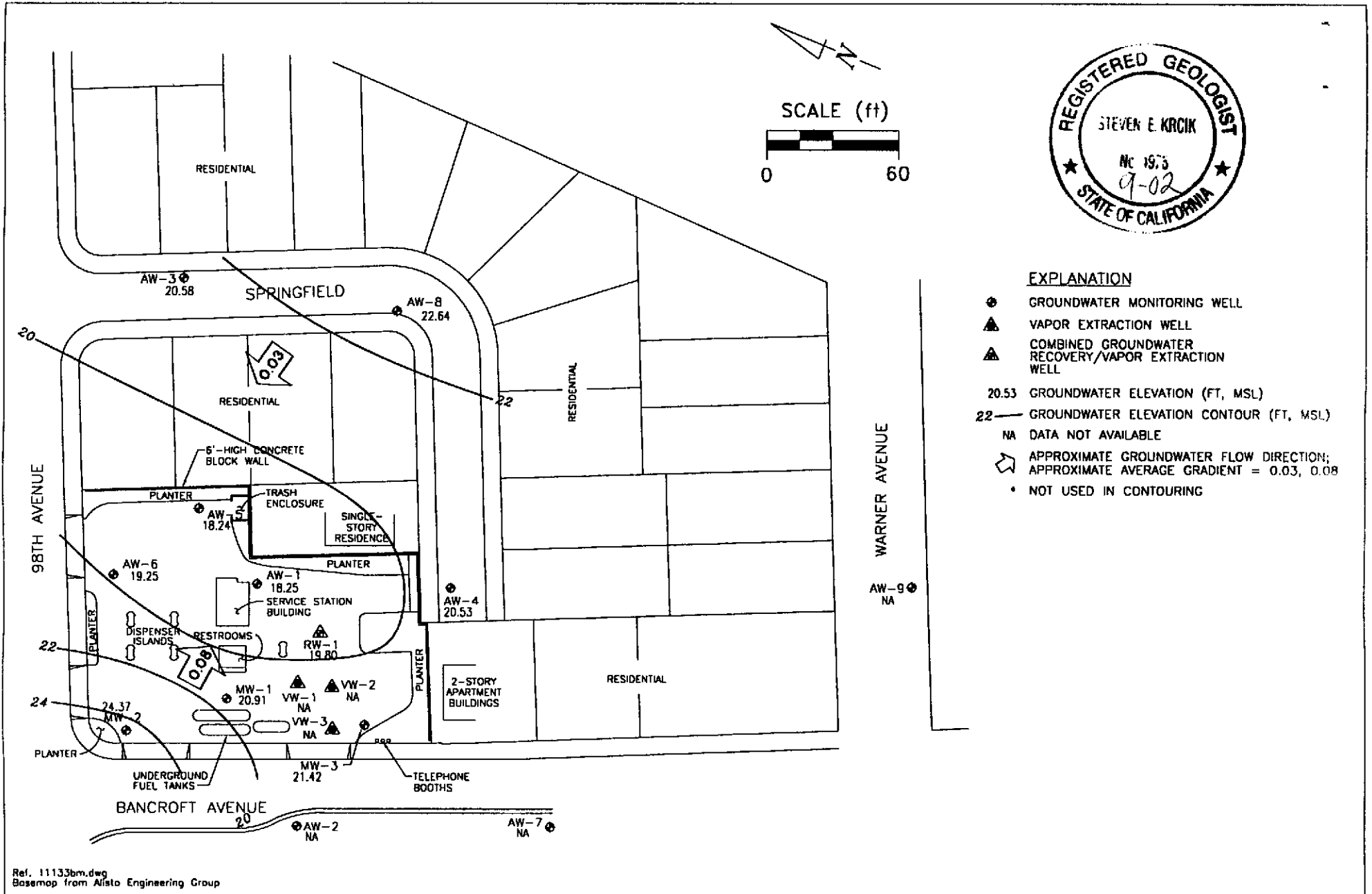
Francis Thie  
Vice President

261

FPT/ks

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

# **Professional Engineering Appendix**



Ref. 11133bm.dwg  
 Basemap from Alisto Engineering Group

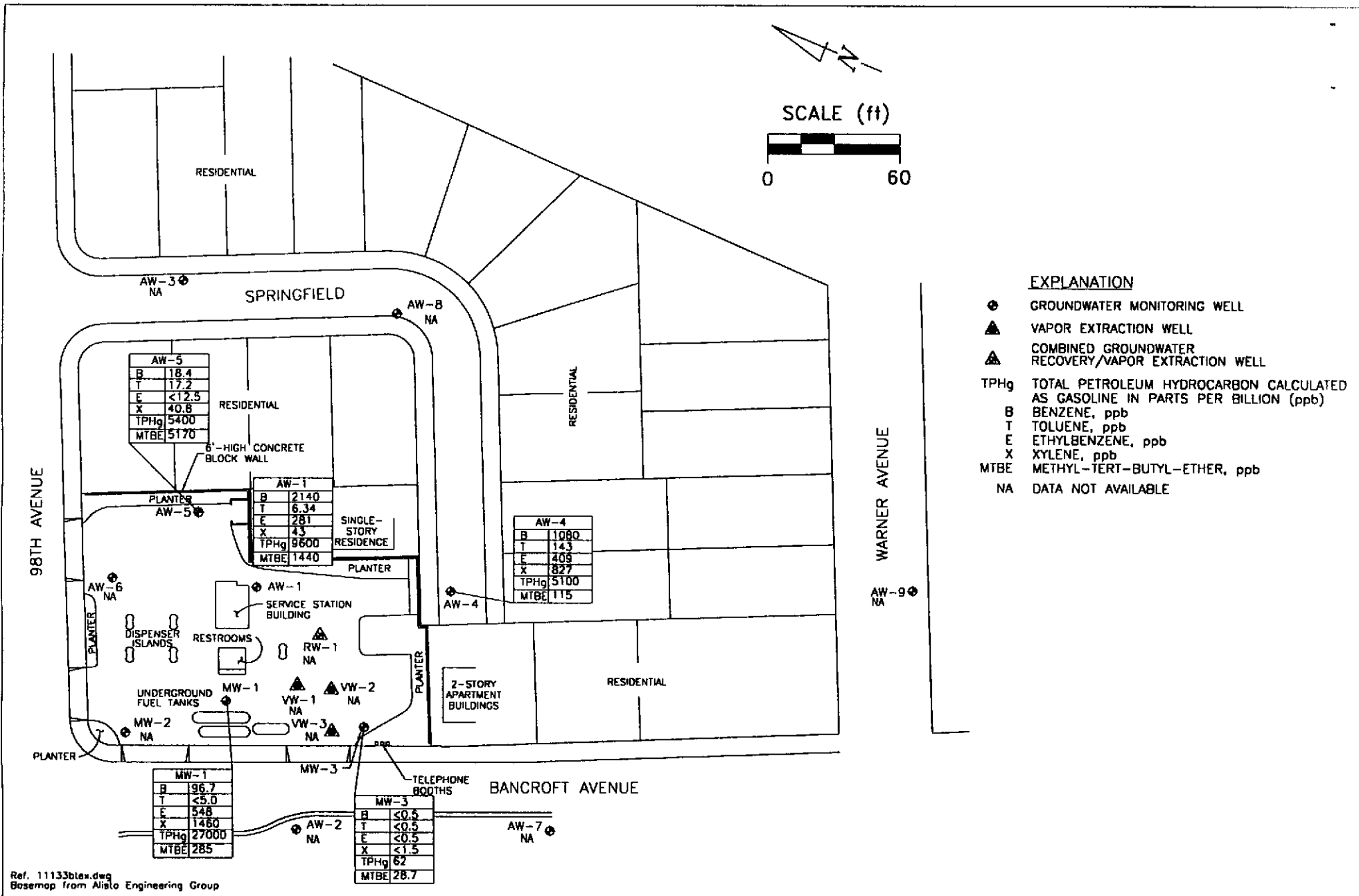
PREPARED BY

**RRM**  
 engineering contracting firm

**BP Service Station 1133**  
 2220 98th Avenue  
 Oakland, California

**GROUNDWATER ELEVATION CONTOUR MAP,**  
 JULY 24, 2001

**FIGURE:**  
**1**  
**PROJECT:**  
 DAC04



Ref. 11133btax.dwg  
Base map from Alisto Engineering Group

PREPARED BY

**RRM**  
engineering contracting firm

**BP Service Station 1133**  
2220 98th Avenue  
Oakland, California

**HYDROCARBON CONCENTRATION MAP,**  
JULY 24, 2001

**FIGURE:**  
**2**  
**PROJECT:**  
DAC04

# **Table of Well Data and Analytical Results**

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (b) (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)	LAB	
MW-1	04/05/91	34.46	---	---	---	---	---	---	---	---	---	---	---	
MW-1	04/01/92	34.46	11.25	0.01	23.22	---	---	---	---	---	---	---	---	
MW-1	07/06/92	34.46	13.61	0.02	20.87	---	---	---	---	---	---	---	---	
MW-1	10/07/92	34.46	15.15	0.09	19.38	---	---	---	---	---	---	---	---	
MW-1	01/14/93	34.46	10.73	0.01	23.74	---	---	---	---	---	---	---	---	
MW-1	04/22/93	34.46	11.64	0.16	22.94	---	---	---	---	---	---	---	---	
MW-1	07/15/93	34.46	13.50	1.11	21.79	---	---	---	---	---	---	---	---	
MW-1	10/21/93	34.46	15.21	1.00	20.00	---	---	---	---	---	---	---	---	
MW-1	01/27/94	34.46	17.48	0.81	17.59	---	---	---	---	---	---	---	---	
MW-1	04/21/94	34.46	10.94	---	23.52	110000	1400	9100	3400	30000	11000	(c)	1.6	PACE
MW-1	09/09/94	34.46	13.80	---	20.66	---	---	---	---	---	---	---	---	---
MW-1	12/21/94	34.46	12.60	0.02	21.88	---	---	---	---	---	---	---	---	---
MW-1	01/30/95	34.46	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	04/10/95	34.46	10.62	---	23.84	---	---	---	---	---	---	---	---	---
MW-1	06/29/95	34.46	18.72	---	15.74	---	---	---	---	---	---	---	---	---
MW-1	09/18/95	34.46	12.92	---	21.54	---	---	---	---	---	---	---	---	---
MW-1	12/07/95	34.46	13.82	---	20.64	---	---	---	---	---	---	---	---	---
MW-1	03/28/96	34.46	10.03	0.01	24.44	---	---	---	---	---	---	---	---	---
MW-1	06/20/96	34.46	11.29	0.02	23.19	---	---	---	---	---	---	---	---	---
MW-1	10/11/96	34.46	14.86	0.01	19.61	---	---	---	---	---	---	---	---	---
MW-1	01/02/97	34.46	11.03	0.01	23.44	---	---	---	---	---	---	---	---	---
MW-1	04/14/97	34.46	12.25	0.01	22.22	---	---	---	---	---	---	---	---	---
MW-1	04/15/97	34.46	---	---	---	35000	130	650	1700	8200	4800	---	---	SPL
MW-1	07/02/97	34.46	14.11	---	20.35	42000	ND<250	ND<500	2000	9600	ND<5000	5.5	---	SPL
MW-1	09/30/97	34.46	14.40	---	20.06	61000	130	1100	2700	14600	2000	6.7	---	SPL
MW-1	01/21/98	34.46	7.99	0.01	26.48	14000	11	60	310	1790	1300	4.5	---	SPL
MW-1	04/09/98	34.46	7.89	---	26.57	---	---	---	---	---	---	---	---	---
MW-1	04/10/98	34.46	---	---	---	45000	380	520	2100	6800	9300	5.3	---	SPL
MW-1	06/19/98	34.46	10.31	---	24.15	35000	170	100	1100	3590	5000	4.9	---	SPL
MW-1	11/30/98	34.46	11.16	---	23.30	10000	100	24	350	1040	1800/2800 (g)	---	---	SPL
MW-1	01/21/99	34.46	10.76	---	23.70	18000	120	37	590	1800	2700	---	---	SPL
MW-1	04/30/99	34.46	10.78	---	23.68	17000	240	89	1100	1900	1600	---	---	SPL
MW-1	07/09/99	34.46	12.62	---	21.84	58000	140	100	1800	6900	1200	---	---	SPL
MW-1	11/03/99	34.46	14.00	---	20.46	20000	62	42	620	2100	630	---	---	PACE
MW-1	01/12/00	34.46	15.25	---	19.21	72000	110	120	2400	8200	630	---	---	PACE
MW-1	04/13/00	34.46	15.57	---	18.89	37000	300	32	1000	1700	810	---	---	PACE
MW-1	05/24/00	34.46	11.75	---	22.71	---	---	---	---	---	---	---	---	---
MW-1	06/01/00	34.46	11.41	---	23.05	---	---	---	---	---	---	---	---	---
MW-1	06/08/00	34.46	11.68	---	22.78	---	---	---	---	---	---	---	---	---



TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)	LAB
MW-1	06/15/00	34.46	11.85	—	22.61	---	---	---	—	—	—	—	---
MW-1	07/26/00	34.46	16.19	—	18.27	10000	480	210	470	710	1100	—	PACE
MW-1	10/24/00	34.46	13.89	—	20.57	9900	31	7.2	550	1200	4400	—	PACE
MW-1	01/19/01	34.46	12.90	—	21.56	57000	199	7.66	1170	3260	514	—	PACE
MW-1	07/24/01	34.46	13.55	—	20.91	27000	96.7	ND<5.0	548	1460	285	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)	LAB
MW-2	04/05/91	35.50	16.62	---	18.88	ND<50	0.6	0.9	ND<0.3	ND<0.3	---	---	SUP
MW-2	04/01/92	35.50	11.25	---	24.25	---	---	---	---	---	---	---	---
MW-2	04/02/92	35.50	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	APP
MW-2	07/06/92	35.50	12.72	---	22.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-2	10/07/92	35.50	15.08	---	20.42	ND<50	ND<0.5	1.8	ND<0.5	2.3	---	---	ANA
MW-2	01/14/93	35.50	9.69	---	25.81	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
MW-2	04/22/93	35.50	10.46	---	25.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	30	(c)	PACE
MW-2	07/15/93	35.50	12.02	---	23.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	21.7	(c), (m)	PACE
MW-2	10/21/93	35.50	13.12	---	22.38	ND<50	0.7	0.9	ND<0.5	0.9	14.9	(m)	PACE
MW-2	01/27/94	35.50	12.01	---	23.49	ND<50	0.6	ND<0.5	ND<0.5	ND<0.5	11.5	(m)	PACE
MW-2	04/21/94	35.50	10.60	---	24.90	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11.4	(m)	PACE
MW-2	09/09/94	35.50	12.42	---	23.08	ND<50	ND<0.5	ND<0.5	ND<0.5	0.6	---	(m)	PACE
MW-2	12/21/94	35.50	10.85	---	24.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
MW-2	01/30/95	35.50	8.38	---	27.12	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
MW-2	04/10/95	35.50	9.00	---	26.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
MW-2	06/29/95	35.50	9.91	---	25.59	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
MW-2	09/18/95	35.50	10.98	---	24.52	---	---	---	---	---	---	---	---
MW-2	09/19/95	35.50	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.2	ATI
MW-2	12/07/95	35.50	12.30	---	23.20	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	2.4	ATI
MW-2	03/28/96	35.50	8.57	---	26.93	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	3.2	SPL
MW-2	06/20/96	35.50	9.77	---	25.73	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.2	SPL
MW-2	10/11/96	35.50	13.32	---	22.18	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.3	SPL
MW-2	01/02/97	35.50	9.60	---	25.90	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.7	SPL
MW-2	04/14/97	35.50	10.93	---	24.57	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.7	SPL
MW-2	07/02/97	35.50	12.57	---	22.93	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.9	SPL
MW-2	09/30/97	35.50	12.91	---	22.59	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.3	SPL
MW-2	01/21/98	35.50	10.12	---	25.38	160	ND<0.5	ND<1.0	ND<1.0	ND<1.0	100	5.4	SPL
MW-2	04/09/98	35.50	6.82	---	28.68	---	---	---	---	---	---	---	---
MW-2	04/10/98	35.50	---	---	---	ND<50	1.0	ND<1.0	ND<1.0	ND<1.0	23	5.0	SPL
MW-2	06/19/98	35.50	9.00	---	26.50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.9	SPL
MW-2	11/30/98	35.50	9.44	---	26.06	---	---	---	---	---	---	---	---
MW-2	01/21/99	35.50	8.96	---	26.54	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.9	---	SPL
MW-2	04/30/99	35.50	9.15	---	26.35	---	---	---	---	---	---	---	---
MW-2	07/09/99	35.50	10.82	---	24.68	---	---	---	---	---	---	---	---
MW-2	11/03/99	35.50	11.86	---	23.64	---	---	---	---	---	---	---	---
MW-2	01/12/00	35.50	12.35	---	23.15	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-2	04/13/00	35.50	13.01	---	22.49	---	---	---	---	---	---	---	---
MW-2	07/26/00	35.50	13.01	---	22.49	---	---	---	---	---	---	---	---
MW-2	10/24/00	35.50	11.57	---	23.93	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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	01/19/01	35.50	10.52	—	24.98	—	—	—	—	—	—	—	—
MW-2	07/24/01	35.50	11.13	—	24.37	—	—	—	—	—	—	—	—

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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	04/05/91	36.53	17.84	---	18.69	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	---	---	SUP
MW-3	04/01/92	36.53	15.64	---	20.89	---	---	---	---	---	---	---	---
MW-3	04/02/92	36.53	---	---	---	ND<50	1.4	ND<0.5	ND<0.5	ND<0.5	---	---	APP
MW-3	07/06/92	36.53	19.03	---	17.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-3	10/07/92	36.53	21.83	---	14.70	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
MW-3	01/14/93	36.53	15.96	---	20.57	350	ND<0.5	ND<0.5	ND<0.5	ND<0.5	714	(c), (m)	PACE
MW-3	04/22/93	36.53	16.20	---	20.33	2800	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3600	(c), (m)	PACE
MW-3	07/15/93	36.53	16.82	---	19.71	1400	1.2	ND<0.5	2.0	3.5	2204	(c), (m)	PACE
MW-3	10/21/93	36.53	18.84	---	17.69	370	2.1	2.3	2.3	6.0	847	(c), (m)	PACE
MW-3	01/27/94	36.53	18.00	---	18.53	1300	6.3	ND<0.5	ND<0.5	ND<0.5	3892	(c), (m)	PACE
MW-3	04/21/94	36.53	16.62	---	19.91	2000	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3864	(c), (m)	PACE
MW-3	09/09/94	36.53	18.38	---	18.15	1300	ND<0.5	ND<0.5	0.5	1.2	---	(m)	PACE
MW-3	12/21/94	36.53	15.28	---	21.25	420	16	0.7	3.5	5.9	800	(m)	PACE
MW-3	01/30/95	36.53	12.62	---	23.91	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	2.5	ATI
MW-3	04/10/95	36.53	12.41	---	24.12	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	6.9	ATI
MW-3	06/29/95	36.53	14.95	---	21.58	100	(d) ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	6.4	ATI
MW-3	09/18/95	36.53	15.82	---	20.71	---	---	---	---	---	---	---	---
MW-3	09/19/95	36.53	---	---	---	82	ND<0.50	ND<0.50	ND<0.50	ND<1.0	260	7.0	ATI
MW-3	12/07/95	36.53	17.09	---	19.44	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	91	4.5	ATI
MW-3	03/28/96	36.53	11.90	---	24.63	ND<50	ND<0.5	ND<1	ND<1	ND<1	230	4.2	SPL
MW-3	06/20/96	36.53	12.66	---	23.87	260	ND<0.5	ND<1	ND<1	ND<1	370	4.4	SPL
MW-3	10/11/96	36.53	16.23	---	20.30	330	ND<0.5	ND<1.0	ND<1.0	ND<1.0	440	5.8	SPL
MW-3	01/02/97	36.53	12.17	---	24.36	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	140	6.0	SPL
MW-3	04/14/97	36.53	13.45	---	23.08	---	---	---	---	---	---	---	---
MW-3	04/15/97	36.53	---	---	---	1500	ND<0.5	ND<1.0	ND<1.0	ND<1.0	1800	5.6	SPL
MW-3	07/02/97	36.53	15.60	---	20.93	880	ND<0.5	ND<1.0	ND<1.0	ND<1.0	940	5.3	SPL
MW-3	09/30/97	36.53	17.16	---	19.37	40000	13000	2400	870	3100	510	6.6	SPL
MW-3	01/21/98	36.53	11.77	---	24.76	120	ND<0.5	ND<1.0	ND<1.0	ND<1.0	98	4.7	SPL
MW-3	04/09/98	36.53	9.42	---	27.11	950	ND<0.5	ND<1.0	ND<1.0	ND<1.0	890	5.7	SPL
MW-3	06/19/98	36.53	12.09	---	24.44	1800	ND<0.5	ND<1.0	ND<1.0	ND<1.0	1900	4.7	SPL
MW-3	06/19/98	36.53	15.28	---	21.25	1800	ND<0.5	ND<1.0	ND<1.0	ND<1.0	1900	4.7	SPL
MW-3	01/21/99	36.53	14.67	---	21.86	1100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1200	---	SPL
MW-3	04/30/99	36.53	16.00	---	20.53	---	---	---	---	---	---	---	---
MW-3	07/09/99	36.53	14.64	---	21.89	470	ND<1.0	ND<1.0	ND<1.0	ND<1.0	460/470	(g)	SPL
MW-3	11/03/99	36.53	16.39	---	20.14	---	---	---	---	---	---	---	---
MW-3	01/12/00	36.53	16.80	---	19.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	34	---	PACE
MW-3	04/13/00	36.53	16.43	---	20.10	---	---	---	---	---	---	---	---
MW-3	07/26/00	36.53	16.93	---	19.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-3	10/24/00	36.53	15.69	---	20.84	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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	01/19/01	36.53	14.84	—	21.69	ND<50	ND<0.5	ND<0.5	ND<0.5	0.996	25.9	—	PACE
MW-3	07/23/01	36.53	15.11	—	21.42	62	ND<0.5	ND<0.5	ND<0.5	ND<1.5	28.7	—	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-1	04/05/91	38.11	25.44	—	12.67	4100	1500	69	100	83	—	—	SUP
AW-1	04/01/92	38.11	23.22	—	14.89	—	—	—	—	—	—	—	—
AW-1	04/02/92	38.11	—	—	—	11000	1800	210	210	490	—	—	APP
AW-1	07/06/92	38.11	24.89	—	13.22	6500	4000	40	290	530	—	—	ANA
AW-1	10/07/92	38.11	26.55	—	11.56	4700	1500	41	47	300	—	—	ANA
QC-1 (e)	10/07/92	—	—	—	—	2900	1200	25	37	210	—	—	ANA
AW-1	01/14/93	38.11	23.73	—	14.38	2800	830	31	140	240	—	(m)	PACE
QC-1 (e)	01/14/93	—	—	—	—	4100	1700	28	130	230	—	(m)	PACE
AW-1	04/22/93	38.11	—	—	38.11	39000	14000	530	1800	6100	987	(c), (m)	PACE
AW-1	07/15/93	38.11	22.50	—	15.61	6200	2200	28	210	540	838	(c), (m)	PACE
AW-1	10/21/93	38.11	24.32	—	13.79	2400	820	13	55	120	832	(c), (m)	PACE
AW-1	01/27/94	38.11	23.72	—	14.39	3500	1400	26	130	220	650	(c), (n)	PACE
AW-1	04/21/94	38.11	22.48	—	15.63	40000	12000	1900	1600	5000	1119	(m)	PACE
AW-1	09/09/94	38.11	23.04	—	15.07	3500	1600	5.0	200	250	—	(m)	PACE
QC-1 (e)	09/09/94	—	—	—	—	3900	1900	5.5	190	240	—	—	PACE
AW-1	12/21/94	38.11	21.70	—	16.41	7600	3100	36	370	320	855	(m)	PACE
AW-1	01/30/95	38.11	17.71	—	20.40	35000	23000	650	3200	4100	—	—	ATI
AW-1	04/10/95	38.11	20.04	—	18.07	60000	18000	2000	4300	11000	—	—	ATI
QC-1 (e)	04/10/95	—	—	—	—	56000	17000	2000	3900	10000	—	—	ATI
AW-1	06/29/95	38.11	20.60	—	17.51	72000	10000	7300	4200	15000	—	—	ATI
QC-1 (e)	06/29/95	—	—	—	—	86000	12000	8400	4800	18000	—	—	ATI
AW-1	09/18/95	38.11	21.87	—	16.24	—	—	—	—	—	—	—	—
AW-1	09/19/95	38.11	—	—	—	65000	12000	3100	4400	14000	1000	—	ATI
AW-1	12/07/95	38.11	22.06	—	16.05	25000	8700	ND<50	2500	1300	1100	—	ATI
AW-1	03/28/96	38.11	16.91	—	21.20	24000	11000	ND<100	3200	3390	ND<1000	—	SPL
AW-1	06/20/96	38.11	20.82	—	17.29	38000	6900	1100	3200	7300	ND<100	—	SPL
AW-1	10/11/96	38.11	23.20	—	14.91	33000	8500	69	3300	4230	580	—	SPL
AW-1	01/02/97	38.11	20.41	—	17.70	32000	8000	ND<50	3100	2300	700	—	SPL
AW-1	04/14/97	38.11	21.61	—	16.50	—	—	—	—	—	—	—	—
AW-1	04/15/97	38.11	—	—	—	31000	5000	160	2400	4540	340	—	SPL
AW-1	07/02/97	38.11	21.17	—	16.94	26000	5800	ND<100	2600	2200	ND<1000	—	SPL
AW-1	09/30/97	38.11	21.48	—	16.63	29000	9200	17	1400	130	560	—	SPL
AW-1	01/21/98	38.11	20.02	—	18.09	50000	6900	450	3200	4450	720	—	SPL
AW-1	04/09/98	38.11	13.37	—	24.74	—	—	—	—	—	—	—	—
AW-1	04/10/98	38.11	—	—	—	46000	5800	1900	3000	7400	1000	—	SPL
AW-1	06/19/98	38.11	19.12	—	18.99	42000	6600	200	3000	3350	660	—	SPL
QC-1 (e)	06/19/98	—	—	—	—	43000	6800	260	3100	3490	620	—	SPL
AW-1	11/30/98	38.11	21.13	—	16.98	23000	6700	ND<25	3100	130	710/820	(g)	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-1	01/21/99	38.11	20.77	---	17.34	25000	4800	54	2800	780	1000	---	SPL
AW-1	04/30/99	38.11	20.80	---	17.31	21000	5300	67	2800	750	1500	---	SPL
AW-1	07/09/99	38.11	20.41	---	17.70	11000	3000	ND<10	760	180	1300	---	SPL
AW-1	11/03/99	38.11	20.82	---	17.29	---	---	---	---	---	---	---	---
AW-1	01/12/00	38.11	19.99	---	18.12	330000	5300	10	2900	560	2200	---	PACE
AW-1	04/13/00	38.11	20.14	---	17.97	---	---	---	---	---	---	---	---
AW-1	05/24/00	38.11	20.17	---	17.94	---	---	---	---	---	---	---	---
AW-1	06/01/00	38.11	23.05	---	15.06	---	---	---	---	---	---	---	---
AW-1	06/08/00	38.11	17.08	---	21.03	---	---	---	---	---	---	---	---
AW-1	06/15/00	38.11	16.93	---	21.18	---	---	---	---	---	---	---	---
AW-1	07/26/00	38.11	20.07	---	18.04	15000	290	98	77	220	37000	---	PACE
AW-1	10/24/00	38.11	20.10	---	18.01	---	---	---	---	---	---	---	---
AW-1	01/19/01	38.11	19.82	---	18.29	7600	2220	10.9	415	58.4	1630	---	PACE
AW-1	07/24/01	38.11	19.86	---	18.25	9600	2140	6.34	281	43	1440	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-2	04/05/91	36.83	22.36	---	14.47	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	---	---	SUP
AW-2	04/01/92	36.83	20.81	---	16.02	---	---	---	---	---	---	---	---
AW-2	04/02/92	36.83	---	---	---	130	25	2.3	0.7	2.1	---	---	APP
AW-2	07/06/92	36.83	23.57	---	13.26	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
AW-2	10/07/92	36.83	25.24	---	11.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
AW-2	01/14/93	36.83	20.82	---	16.01	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
AW-2	04/22/93	36.83	19.37	---	17.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
AW-2	07/15/93	36.83	21.29	---	15.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-2	10/21/93	36.83	23.14	---	13.69	ND<50	1.3	1.1	0.9	2.1	ND<5.0	(m)	PACE
AW-2	01/27/94	36.83	22.34	---	14.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
AW-2	04/21/94	36.83	21.15	---	15.68	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-2	09/09/94	36.83	22.09	---	14.74	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
AW-2	12/21/94	36.83	20.12	---	16.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-2	01/30/95	36.83	16.65	---	20.18	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	2.5	ATI
AW-2	04/10/95	36.83	16.22	---	20.61	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	4.4	ATI
AW-2	06/29/95	36.83	17.55	---	19.28	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	7.8	ATI
AW-2	09/18/95	36.83	19.87	---	16.96	---	---	---	---	---	---	---	---
AW-2	09/19/95	36.83	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	4.5	ATI
QC-1 (e)	09/19/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
AW-2	12/07/95	36.83	21.31	---	15.52	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	4.9	ATI
AW-2	03/28/96	36.83	15.61	---	21.22	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.1	SPL
AW-2	06/20/96	36.83	16.30	---	20.53	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	5.2	SPL
AW-2	10/11/96	36.83	19.60	---	17.23	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.0	SPL
AW-2	01/02/97	36.83	15.97	---	20.86	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.1	SPL
AW-2	04/14/97	36.83	17.19	---	19.64	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.3	SPL
AW-2	07/02/97	36.83	18.11	---	18.72	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.7	SPL
AW-2	09/30/97	36.83	18.52	---	18.31	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	860	5.4	SPL
AW-2	01/21/98	36.83	14.46	---	22.37	160	13	ND<1.0	ND<1.0	ND<1.0	110	4.9	SPL
AW-2	04/09/98	36.83	12.85	---	23.98	---	---	---	---	---	---	---	---
AW-2	04/10/98	36.83	---	---	---	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	3.9	SPL
AW-2	06/19/98	36.83	14.37	---	22.46	60	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	3.6	SPL
AW-2	11/30/98	36.83	16.90	---	19.93	---	---	---	---	---	---	---	---
AW-2	01/21/99	36.83	16.87	---	19.96	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	SPL
AW-2	04/30/99	36.83	17.01	---	19.82	---	---	---	---	---	---	---	---
AW-2	07/09/99	36.83	17.83	---	19.00	---	---	---	---	---	---	---	---
AW-2	11/03/99	36.83	19.74	---	17.09	---	---	---	---	---	---	---	---
AW-2	01/12/00	36.83	19.90	---	16.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
AW-2	04/13/00	36.83	19.75	---	17.08	---	---	---	---	---	---	---	---
AW-2	07/26/00	36.83	19.86	---	16.97	---	---	---	---	---	---	---	---



TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-2	10/24/00	36.83	18.77	--	18.06	--	--	--	--	--	--	--	--
AW-2 (f)	01/19/01	36.83	--	--	--	--	--	--	--	--	--	--	--
AW-2 (f)	07/24/01	36.83	--	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-3	04/05/91	39.13	23.90	---	15.23	5200	980	450	95	310	---	---	SUP
AW-3	04/01/92	39.13	22.50	---	16.63	4700	890	47	43	110	---	---	APP
AW-3	07/06/92	39.13	23.26	---	15.87	3900	3100	30	80	99	---	---	ANA
AW-3	10/07/92	39.13	24.75	---	14.38	5000	2600	ND<0.5	ND<0.5	59	---	---	ANA
AW-3	01/14/93	39.13	23.59	---	15.54	350	250	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
AW-3	04/22/93	39.13	19.42	---	19.71	240	71	2.4	0.6	4.0	---	(m)	PACE
AW-3	07/15/93	39.13	20.09	---	19.04	650	71	2.8	1.5	1.1	37.3	(c), (m)	PACE
AW-3	10/21/93	39.13	21.88	---	17.25	160	4.8	1.7	1.6	3.6	8.95	(m)	PACE
QC-1 (e)	10/21/93	---	---	---	---	170	6.1	2.0	1.7	4.4	---	---	PACE
AW-3	01/27/94	39.13	22.33	---	16.80	92	2.1	ND<0.5	ND<0.5	ND<0.5	7.37	(m)	PACE
QC-1 (e)	01/27/94	---	---	---	---	90	2.9	0.5	ND<0.5	ND<0.5	---	---	PACE
AW-3	04/21/94	39.13	20.96	---	18.17	150	3.6	0.8	0.9	2.5	9.36	(m)	PACE
AW-3	09/09/94	39.13	21.60	---	17.53	53	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
AW-3 (f)	12/21/94	39.13	---	---	---	---	---	---	---	---	---	---	---
AW-3 (f)	01/30/95	39.13	---	---	---	---	---	---	---	---	---	---	---
AW-3 (f)	04/10/95	39.13	---	---	---	---	---	---	---	---	---	---	---
AW-3	06/29/95	39.13	15.41	---	23.72	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	8.0	ATI
AW-3	09/18/95	39.13	17.83	---	21.30	---	---	---	---	---	---	---	---
AW-3	09/19/95	39.13	---	---	---	61000	11000	2900	4100	13000	790	7.4	ATI
AW-3	12/07/95	39.13	19.27	---	19.86	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	3.4	ATI
QC-1 (e)	12/07/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
AW-3	03/28/96	39.13	13.85	---	25.28	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.1	SPL
QC-1 (e)	03/28/96	---	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	SPL
AW-3	06/20/96	39.13	14.47	---	24.66	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.2	SPL
QC-1 (e)	06/20/96	---	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	SPL
AW-3	10/11/96	39.13	17.97	---	21.16	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.7	SPL
QC-1 (e)	10/11/96	---	---	---	---	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	SPL
AW-3	01/02/97	39.13	13.00	---	26.13	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.6	SPL
AW-3	04/14/97	39.13	14.36	---	24.77	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.0	SPL
QC-1 (e)	04/15/97	---	---	---	---	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	SPL
AW-3	07/02/97	39.13	15.87	---	23.26	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.4	SPL
AW-3	09/30/97	39.13	17.50	---	21.63	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	810	5.7	SPL
AW-3	01/21/98	39.13	11.98	---	27.15	140	ND<0.5	ND<1.0	ND<1.0	ND<1.0	99	4.6	SPL
QC-1 (e)	01/21/98	---	---	---	---	150	ND<0.5	ND<1.0	ND<1.0	1.2	110	---	SPL
AW-3	04/09/98	39.13	9.45	---	29.68	---	---	---	---	---	---	---	---
AW-3	04/10/98	39.13	---	---	---	ND<50	ND<0.5	ND<1.0	ND<1.0	1.6	ND<10	4.5	SPL
QC-1 (e)	04/10/98	---	---	---	---	ND<50	ND<0.5	ND<1.0	1.4	1.7	ND<10	---	SPL
AW-3	06/19/98	39.13	12.13	---	27.00	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.4	SPL
AW-3	11/30/98	39.13	15.91	---	23.22	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)	LAB
AW-3	01/21/99	39.13	15.93	--	23.20	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	SPL
AW-3	04/30/99	39.13	15.98	--	23.15	--	--	--	--	--	--	--	--
AW-3	07/09/99	39.13	14.58	--	24.55	--	--	--	--	--	--	--	--
AW-3	11/03/99	39.13	17.43	--	21.70	--	--	--	--	--	--	--	--
AW-3	01/12/00	39.13	18.30	--	20.83	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	PAGE
AW-3	04/13/00	39.13	18.89	--	20.24	--	--	--	--	--	--	--	--
AW-3	07/26/00	39.13	18.67	--	20.46	--	--	--	--	--	--	--	--
AW-3	10/24/00	39.13	18.98	--	20.15	--	--	--	--	--	--	--	--
AW-3	01/19/01	39.13	16.74	--	22.39	--	--	--	--	--	--	--	--
AW-3	07/24/01	39.13	18.55	--	20.58	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-4	04/05/91	39.08	25.12	---	13.96	110000	40000	13000	2000	5500	---	---	SUP
AW-4	04/01/92	39.08	23.56	---	15.52	230000	57000	31000	2900	7600	---	---	APP
QC-1 (e)	04/01/92	---	---	---	---	210000	55000	23000	2900	7000	---	---	APP
AW-4	07/06/92	39.08	25.87	---	13.21	38000	16000	5400	2000	6100	---	---	ANA
AW-4	10/07/92	39.08	27.53	---	11.55	120000	41000	26000	4700	13000	---	---	ANA
AW-4	01/14/93	39.08	24.12	---	14.96	62000	18000	14000	2700	7700	1400	(c), (m)	PACE
AW-4	04/22/93	39.08	21.47	---	17.61	18000	1100	2100	320	3500	---	(m)	PACE
AW-4	07/15/93	39.08	23.30	---	15.78	21000	820	2300	590	3800	1978	(c), (m)	PACE
AW-4	10/21/93	39.08	25.08	---	14.00	11000	570	83	630	2300	4600	(c), (m)	PACE
AW-4	01/27/94	39.08	24.61	---	14.47	12000	420	460	600	2200	6400	(c), (m)	PACE
AW-4	04/21/94	39.08	22.96	---	16.12	12000	110	250	150	1900	16010	(c), (m)	PACE
QC-1 (e)	04/21/94	---	---	---	---	14000	71	160	29	1200	13000	(c)	PACE
AW-4	09/09/94	39.08	23.85	---	15.23	9700	75	64	280	2000	---	(m)	PACE
AW-4 (f)	12/21/94	39.08	---	---	---	---	---	---	---	---	---	---	---
AW-4 (f)	01/30/95	39.08	---	---	---	---	---	---	---	---	---	---	---
AW-4	04/10/95	39.08	18.07	---	21.01	3700	69	8.7	44	130	---	---	---
AW-4	06/29/95	39.08	19.25	---	19.83	8000	62	190	190	1100	---	---	8.5 ATI
AW-4	09/18/95	39.08	20.73	---	18.35	---	---	---	---	---	---	---	---
AW-4	09/19/95	39.08	---	---	---	12000	660	1600	200	1900	7100	---	8.3 ATI
AW-4	12/07/95	39.08	22.49	---	16.59	41000	8400	7200	710	6300	5200	---	3.6 ATI
AW-4 (f)	03/28/96	39.08	16.49	---	22.59	---	---	---	---	---	---	---	---
AW-4	06/20/96	39.08	16.00	---	23.08	ND<50	ND<0.5	ND<1	ND<1	ND<1	12	---	SPL
AW-4	10/11/96	39.08	19.52	---	19.56	36000	12000	5500	ND<25	3800	880/1000	(g)	6.2 SPL
AW-4	01/02/97	39.08	15.80	---	23.28	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	22	---	6.4 SPL
QC-1 (e)	01/02/97	---	---	---	---	ND<50	61	3.8	3.5	8.1	110	---	SPL
AW-4	04/14/97	39.08	17.01	---	22.07	---	---	---	---	---	---	---	---
AW-4	04/15/97	39.08	---	---	---	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	5.4 SPL
AW-4	07/02/97	39.08	19.68	---	19.40	ND<50	21	ND<1.0	ND<1.0	ND<1.0	41	---	4.1 SPL
AW-4 (f)	09/30/97	39.08	22.71	---	16.37	---	---	---	---	---	---	---	---
AW-4	01/21/98	39.08	15.89	---	23.19	13000	2900	ND<10	230	314	3100	---	3.9 SPL
AW-4	04/09/98	39.08	13.50	---	25.58	---	---	---	---	---	---	---	---
AW-4	04/10/98	39.08	---	---	---	890	ND<0.5	ND<1	ND<1	ND<1	730	---	4.9 SPL
AW-4	06/19/98	39.08	14.75	---	24.33	60	ND<0.5	ND<1.0	ND<1.0	ND<1.0	34	---	4.3 SPL
AW-4	11/30/98	39.08	19.25	---	19.83	---	---	---	---	---	---	---	---
AW-4	01/21/99	39.08	18.94	---	20.14	3700	830	93	200	360	30	---	---
AW-4	04/30/99	39.08	19.10	---	19.98	---	---	---	---	---	---	---	---
AW-4	07/09/99	39.08	18.93	---	20.15	76000	12000	6600	2000	8700	320	---	SPL
AW-4	11/03/99	39.08	20.65	---	18.43	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-4	01/12/00	39.08	21.21	---	17.87	67000	12000	3500	2900	15000	280	---	PACE
AW-4	04/13/00	39.08	21.33	---	17.75	---	---	---	---	---	---	---	---
AW-4	05/24/00	39.08	19.84	---	19.24	---	---	---	---	---	---	---	---
AW-4	06/01/00	39.08	19.04	---	20.04	---	---	---	---	---	---	---	---
AW-4	06/08/00	39.08	18.32	---	20.76	---	---	---	---	---	---	---	---
AW-4	06/15/00	39.08	16.70	---	22.38	---	---	---	---	---	---	---	---
AW-4	07/26/00	39.08	21.50	---	17.58	910	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3500	---	PACE
AW-4	10/24/00	39.08	22.00	---	17.08	---	---	---	---	---	---	---	---
AW-4	01/19/01	39.08	18.97	---	20.11	6600	2460	24	497	534	267	---	PACE
AW-4	07/24/01	39.08	18.55	---	20.53	5100	1080	143	409	827	115	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-5	04/05/91	38.51	25.48	---	13.03	420	31	7.5	20	68	---	---	SUP
AW-5	04/01/92	38.51	23.95	---	14.56	---	---	---	---	---	---	---	---
AW-5	04/02/92	38.51	---	---	---	4000	270	63	190	290	---	---	APP
AW-5	07/06/92	38.51	26.48	---	12.03	1400	160	ND<2.5	250	58	---	---	ANA
AW-5	10/07/92	38.51	28.18	---	10.33	360	12	0.6	8.7	5	---	---	ANA
AW-5	01/14/93	38.51	24.15	---	14.36	1700	270	7.5	130	62	---	(m)	PACE
AW-5	04/22/93	38.51	22.43	---	16.08	2700	780	30	220	180	---	(m)	PACE
QC-1 (e)	04/22/93	---	---	---	---	3500	780	29	240	210	---	(m)	PACE
AW-5	07/15/93	38.51	24.31	---	14.20	1300	69	16	67	120	ND<50	(m)	PACE
QC-1 (e)	07/15/93	---	---	---	---	1300	68	8.3	64	99	ND<50	(m)	PACE
AW-5	10/21/93	38.51	26.05	---	12.46	510	9.6	1.5	17	45	75	(c), (m)	PACE
AW-5	01/27/94	38.51	26.42	---	12.09	420	3.3	ND<0.5	1.0	0.9	48.9	(m)	PACE
AW-5	04/21/94	38.51	24.36	---	14.15	1000	110	25	56	27	75	(c), (m)	1.3 PACE
AW-5	09/09/94	38.51	24.55	---	13.96	210	ND<0.5	ND<0.5	0.5	0.9	---	(m)	2.7 PACE
AW-5	12/21/94	38.51	22.30	---	16.21	410	ND<0.5	20	4.3	1.4	114	(m)	1.1 PACE
QC-1 (e)	12/21/94	---	---	---	---	340	ND<0.5	15	3.3	1.4	104	(m)	---
AW-5	01/30/95	38.51	18.88	---	19.63	210	0.6	11	8.8	2	---	1.5	ATI
AW-5	04/10/95	38.51	18.44	---	20.07	500	1.4	0.59	6.5	4.3	---	8.3	ATI
AW-5	06/29/95	38.51	19.92	---	18.59	490 (d)	1.2	0.58	7.3	2.2	---	6.9	ATI
AW-5	09/18/95	38.51	22.15	---	16.36	---	---	---	---	---	---	---	---
AW-5	09/19/95	38.51	---	---	---	260	0.62	ND<0.50	3.1	1.1	110	8.2	ATI
AW-5	12/07/95	38.51	23.75	---	14.76	60	ND<0.50	ND<0.50	ND<0.50	ND<1.0	210	4.3	ATI
AW-5	03/28/96	38.51	17.76	---	20.75	ND<50	ND<0.5	ND<1	ND<1	ND<1	63	3.0	SPL
AW-5	06/20/96	38.51	18.46	---	20.05	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	3.6	SPL
AW-5	10/11/96	38.51	21.84	---	16.67	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.5	SPL
AW-5	01/02/97	38.51	18.01	---	20.50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.6	SPL
AW-5	04/14/97	38.51	19.35	---	19.16	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.1	SPL
AW-5	07/02/97	38.51	20.29	---	18.22	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.0	SPL
AW-5	09/30/97	38.51	23.15	---	15.36	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	1300	6.3	SPL
AW-5	01/21/98	38.51	17.33	---	21.18	6100	ND<0.5	2.1	ND<1.0	ND<1.0	3700	4.5	SPL
AW-5	04/09/98	38.51	15.25	---	23.26	---	---	---	---	---	---	---	---
AW-5	04/10/98	38.51	---	---	---	3500	ND<0.5	ND<1.0	ND<1.0	ND<1.0	3000	5.4	SPL
AW-5	06/19/98	38.51	17.39	---	21.12	3300	ND<0.5	ND<1.0	ND<1.0	ND<1.0	2500	5.2	SPL
AW-5 (f)	11/30/98	38.51	---	---	---	---	---	---	---	---	---	---	---
AW-5	01/21/99	38.51	21.22	---	17.29	2800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1800	---	SPL
AW-5	04/30/99	38.51	21.50	---	17.01	---	---	---	---	---	---	---	---
AW-5	07/09/99	38.51	20.15	---	18.36	4000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3400/3500 (g)	---	SPL
AW-5	11/03/99	38.51	22.04	---	16.47	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-5	01/12/00	38.51	22.59	---	15.92	1000 (j)	7.3	30	6.7	40	4600	---	PACE
AW-5	04/13/00	38.51	23.11	---	15.40	---	---	---	---	---	---	---	---
AW-5	07/26/00	38.51	22.72	---	15.79	1800	94	35	5.9	27	16000	---	PACE
AW-5	10/24/00	38.51	20.15	---	18.36	---	---	---	---	---	---	---	---
AW-5	01/19/01	38.51	19.79	---	18.72	2600	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4580	---	PACE
AW-5	07/24/01	38.51	20.17	---	18.34	5400	18.4	17.2	ND<12.5	40.8	5170	---	PACE

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WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-6	04/05/91	37.08	22.48	—	14.60	1100	80	19	1.4	230	—	—	SUP
AW-6	04/01/92	37.08	22.50	—	14.58	—	—	—	—	—	—	—	—
AW-6	04/02/92	37.08	—	—	—	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	APP
AW-6	07/06/92	37.08	22.74	—	14.34	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	ANA
AW-6	10/07/92	37.08	24.64	—	12.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	ANA
AW-6	01/14/93	37.08	22.36	—	14.72	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
AW-6	04/22/93	37.08	22.82	—	14.26	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(m)	PACE
AW-6	07/15/93	37.08	20.49	—	16.59	ND<50	ND<0.5	ND<0.5	ND<0.5	0.8	ND<5.0	(m)	PACE
AW-6	10/21/93	37.08	22.84	—	14.24	ND<50	0.5	0.6	ND<0.5	0.7	ND<5.0	(m)	PACE
AW-6	01/27/94	37.08	22.33	—	14.75	ND<50	ND<0.5	0.9	3.1	12	ND<5.0	(m)	PACE
AW-6	04/21/94	37.08	20.66	—	16.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	1.7 PACE
AW-6	09/09/94	37.08	21.57	—	15.51	ND<50	0.9	ND<0.5	ND<0.5	0.5	—	(m)	2.9 PACE
AW-6	12/21/94	37.08	19.40	—	17.68	ND<50	1.8	0.8	0.8	3.2	5.19	(m)	1.1 PACE
AW-6	01/30/95	37.08	16.74	—	20.34	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	2.2	ATI
QC-1 (e)	01/30/95	—	—	—	—	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	ATI
AW-6	04/10/95	37.08	16.01	—	21.07	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	8.6	ATI
AW-6	06/29/95	37.08	17.54	—	19.54	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	6.3	ATI
AW-6	09/18/95	37.08	19.65	—	17.43	—	—	—	—	—	—	—	—
AW-6	09/19/95	37.08	—	—	—	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	25	8.3	ATI
AW-6	12/07/95	37.08	20.35	—	16.73	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	16	4.7	ATI
AW-6	03/28/96	37.08	14.99	—	22.09	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.0	SPL
AW-6	06/20/96	37.08	15.59	—	21.49	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	4.6	SPL
AW-6	10/11/96	37.08	19.09	—	17.99	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.3	SPL
AW-6	01/02/97	37.08	15.11	—	21.97	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.5	SPL
AW-6	04/14/97	37.08	16.25	—	20.83	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	3.9	SPL
AW-6	07/02/97	37.08	17.99	—	19.09	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.2	SPL
AW-6	09/30/97	37.08	20.50	—	16.58	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.0	SPL
AW-6	01/21/98	37.08	15.72	—	21.36	160	ND<0.5	ND<1.0	ND<1.0	ND<1.0	110	5.0	SPL
AW-6	04/09/98	37.08	13.31	—	23.77	—	—	—	—	—	—	—	—
AW-6	04/10/98	37.08	—	—	—	370	ND<0.5	ND<1.0	ND<1.0	ND<1.0	300	4.3	SPL
AW-6	06/19/98	37.08	15.18	—	21.90	830	2.0	ND<1.0	ND<1.0	ND<1.0	690	4.0	SPL
AW-6 (f)	11/30/98	37.08	—	—	—	—	—	—	—	—	—	—	—
AW-6	01/21/99	37.08	15.78	—	21.30	2300	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1900	—	SPL
AW-6	04/30/99	37.08	16.01	—	21.07	—	—	—	—	—	—	—	—
AW-6	07/09/99	37.08	17.63	—	19.45	—	—	—	—	—	—	—	—
AW-6	11/03/99	37.08	18.42	—	18.66	—	—	—	—	—	—	—	—
AW-6	01/12/00	37.08	19.92	—	17.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2700	—	PACE
AW-6	04/13/00	37.08	19.87	—	17.21	—	—	—	—	—	—	—	—



TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-6	07/26/00	37.08	19.99	---	17.09	---	---	---	---	---	---	---	---
AW-6	10/24/00	37.08	18.12	---	18.96	---	---	---	---	---	---	---	---
AW-6	01/19/01	37.08	17.04	---	20.04	2700	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4850	---	PAGE
AW-6	07/24/01	37.08	17.83	---	19.25	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-7	04/05/91	37.60	23.38	—	14.22	ND<50	0.4	0.7	ND<0.3	ND<0.3	—	—	SUP
AW-7	04/01/92	37.60	21.92	—	15.68	—	—	—	—	—	—	—	—
AW-7	04/02/92	37.60	—	—	—	ND<50	ND<0.5	3.2	1.0	5.4	—	—	APP
AW-7	07/06/92	37.60	24.50	—	13.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	ANA
AW-7	10/07/92	37.60	26.18	—	11.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	ANA
AW-7	01/14/93	37.60	22.03	—	15.57	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(m)	PACE
AW-7	04/22/93	37.60	21.18	—	16.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(m)	PACE
AW-7	07/15/93	37.60	22.09	—	15.51	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-7	10/21/93	37.60	24.05	—	13.55	51	5.0	4.2	3.5	8.2	ND<5.0	(m)	PACE
AW-7	01/27/94	37.60	23.40	—	14.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-7	04/21/94	37.60	22.24	—	15.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-7	09/09/94	37.60	22.94	—	14.66	ND<50	ND<0.5	ND<0.5	ND<0.5	0.5	—	(m)	PACE
AW-7	12/21/94	37.60	20.86	—	16.74	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-7	01/30/95	37.60	17.51	—	20.09	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	2.7	ATI
AW-7	04/10/95	37.60	16.69	—	20.91	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	4.8	ATI
AW-7	06/29/95	37.60	18.33	—	19.27	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	7.6	ATI
AW-7	09/18/95	37.60	20.68	—	16.92	—	—	—	—	—	—	—	—
AW-7	09/19/95	37.60	—	—	—	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	5.1	ATI
AW-7	12/07/95	37.60	22.15	—	15.45	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	5.2	ATI
AW-7	03/28/96	37.60	16.38	—	21.22	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	3.9	SPL
AW-7	06/20/96	37.60	17.02	—	20.58	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	5.0	SPL
AW-7	10/11/96	37.60	20.47	—	17.13	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.3	SPL
AW-7	01/02/97	37.60	16.70	—	20.90	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.2	SPL
AW-7	04/14/97	37.60	17.96	—	19.64	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.0	SPL
AW-7	07/02/97	37.60	19.11	—	18.49	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.4	SPL
AW-7	09/30/97	37.60	22.97	—	14.63	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	1100	6.5	SPL
AW-7	01/21/98	37.60	16.50	—	21.10	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.9	SPL
AW-7	04/09/98	37.60	13.56	—	24.04	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.9	SPL
AW-7	06/19/98	37.60	15.41	—	22.19	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.4	SPL
AW-7	11/30/98	37.60	18.90	—	18.70	—	—	—	—	—	—	—	—
AW-7	01/21/99	37.60	18.39	—	19.21	—	—	—	—	—	—	—	—
AW-7	04/30/99	37.60	18.54	—	19.06	—	—	—	—	—	—	—	—
AW-7	07/09/99	37.60	17.98	—	19.62	—	—	—	—	—	—	—	—
AW-7	11/03/99	37.60	20.22	—	17.38	—	—	—	—	—	—	—	—
AW-7	01/12/00	37.60	19.46	—	18.14	—	—	—	—	—	—	—	—
AW-7	04/13/00	37.60	19.59	—	18.01	—	—	—	—	—	—	—	—
AW-7	07/26/00	37.60	19.69	—	17.91	—	—	—	—	—	—	—	—
AW-7	10/24/00	37.60	18.78	—	18.82	—	—	—	—	—	—	—	—

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-7 (f)	01/19/01	37.60	—	—	—	—	—	—	—	—	—	—	—
AW-7 (f)	07/25/01	37.60	—	—	—	—	—	—	—	—	—	—	—

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-8	04/05/91	40.86	26.68	---	14.18	80	1.9	2.2	0.5	1.3	---	---	SUP
AW-8	04/01/92	40.86	25.11	---	15.75	73	ND<0.5	0.7	ND<0.5	0.6	---	---	APP
AW-8	07/06/92	40.86	26.43	---	14.43	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
AW-8	10/07/92	40.86	28.59	---	12.27	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
AW-8	01/14/93	40.86	25.55	---	15.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
AW-8	04/22/93	40.86	22.29	---	18.57	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
AW-8	07/15/93	40.86	23.42	---	17.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-8	10/21/93	40.86	25.15	---	15.71	ND<50	1.9	1.8	1.3	3.3	ND<5.0	(m)	PACE
AW-8	01/27/94	40.86	25.42	---	15.44	ND<50	ND<0.5	0.5	0.6	8.5	ND<5.0	(m)	PACE
AW-8	04/21/94	40.86	24.14	---	16.72	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-8	09/09/94	40.86	24.55	---	16.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
AW-8	12/21/94	40.86	22.72	---	18.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
AW-8	01/30/95	40.86	19.75	---	21.11	ND<50	ND<0.50	1	ND<0.50	1	---	0.8	ATI
AW-8	04/10/95	40.86	17.78	---	23.08	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	8.3	ATI
AW-8	06/29/95	40.86	18.18	---	22.68	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	8.3	ATI
AW-8	09/18/95	40.86	20.20	---	20.66	---	---	---	---	---	---	---	---
AW-8	09/19/95	40.86	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.7	ATI
AW-8	12/07/95	40.86	21.54	---	19.32	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	4.4	ATI
AW-8	03/28/96	40.86	15.77	---	25.09	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	3.8	SPL
AW-8	06/20/96	40.86	16.41	---	24.45	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	3.6	SPL
AW-8	10/11/96	40.86	19.90	---	20.96	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.4	SPL
AW-8	01/02/97	40.86	15.89	---	24.97	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.9	SPL
AW-8	04/14/97	40.86	17.07	---	23.79	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.6	SPL
AW-8	07/02/97	40.86	18.67	---	22.19	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.6	SPL
AW-8	09/30/97	40.86	22.52	---	18.34	ND<50	ND<5	ND<10	ND<10	ND<10	820	6.7	SPL
AW-8	01/21/98	40.86	16.01	---	24.85	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.2	SPL
AW-8	04/09/98	40.86	11.18	---	29.68	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.4	SPL
AW-8	06/19/98	40.86	13.01	---	27.85	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.1	SPL
AW-8	11/30/98	40.86	17.46	---	23.40	---	---	---	---	---	---	---	---
AW-8	01/21/99	40.86	17.47	---	23.39	---	---	---	---	---	---	---	---
AW-8	04/30/99	40.86	17.60	---	23.26	---	---	---	---	---	---	---	---
AW-8	07/09/99	40.86	16.50	---	24.36	---	---	---	---	---	---	---	---
AW-8	11/03/99	40.86	19.29	---	21.57	---	---	---	---	---	---	---	---
AW-8	01/12/00	40.86	21.49	---	19.37	---	---	---	---	---	---	---	---
AW-8	04/13/00	40.86	21.60	---	19.26	---	---	---	---	---	---	---	---
AW-8	07/26/00	40.86	21.53	---	19.33	---	---	---	---	---	---	---	---
AW-8	10/24/00	40.86	19.37	---	21.49	---	---	---	---	---	---	---	---
AW-8	01/19/01	40.86	18.60	---	22.26	---	---	---	---	---	---	---	---
AW-8	07/24/01	40.86	18.22	---	22.64	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
AW-9	01/02/97	37.78	10.00	---	27.78	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.7	SPL
AW-9 (f)	04/14/97	37.78	---	---	---	---	---	---	---	---	---	---	---
AW-9	07/02/97	37.78	12.71	---	25.07	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.0	SPL
AW-9	09/30/97	37.78	21.22	---	16.56	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.8	SPL
AW-9	01/21/98	37.78	10.26	---	27.52	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.3	SPL
AW-9	04/09/98	37.78	6.77	---	31.01	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.6	SPL
AW-9	06/19/98	37.78	8.96	---	28.82	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.8	SPL

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WELL ID	DATE OF MONITORING/ SAMPLING	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	04/05/91	37.73	---	---	---	---	---	---	---	---	---	---	---
RW-1	04/01/92	37.73	22.81	0.30	15.15	---	---	---	---	---	---	---	---
RW-1	07/06/92	37.73	26.92	0.41	11.12	---	---	---	---	---	---	---	---
RW-1	10/07/92	37.73	28.51	1.26	10.17	---	---	---	---	---	---	---	---
RW-1	01/14/93	37.73	23.75	0.25	14.17	---	---	---	---	---	---	---	---
RW-1	04/22/93	37.73	22.70	1.38	16.07	---	---	---	---	---	---	---	---
RW-1	07/15/93	37.73	26.10	0.81	12.24	---	---	---	---	---	---	---	---
RW-1	10/21/93	37.73	25.40	0.49	12.70	---	---	---	---	---	---	---	---
RW-1	10/21/93	37.73	25.40	0.49	12.70	---	---	---	---	---	---	---	---
RW-1	01/27/94	37.73	28.02	0.37	9.99	---	---	---	---	---	---	---	---
RW-1	04/21/94	37.73	23.10	0.91	15.31	---	---	---	---	---	---	---	---
RW-1	09/09/94	37.73	24.39	1.04	14.12	---	---	---	---	---	---	---	---
RW-1 (h)	12/21/94	37.73	---	---	---	---	---	---	---	---	---	---	---
RW-1	12/07/95	37.73	25.71	1.04	12.80	150000	34000	35000	4300	21000	2700	---	ATI
RW-1	03/28/96	37.73	16.75	0.18	21.12	---	---	---	---	---	---	---	---
RW-1 (h)	06/20/96	37.73	25.10	0.02	12.65	---	---	---	---	---	---	---	---
RW-1	10/11/96	37.73	25.51	0.00	12.22	130000	20000	32000	2800	20700	1400/1200 (g)	7.4	SPL
RW-1	01/02/97	37.73	24.49	0.01	13.25	---	---	---	---	---	---	---	---
RW-1	04/14/97	37.73	23.99	0.04	13.77	---	---	---	---	---	---	---	---
RW-1	04/15/97	37.73	---	---	---	1800000	38000	190000	48000	281000	ND<25000	---	SPL
RW-1	07/02/97	37.73	16.40	0.20	21.48	140000	19000	55000	4400	32400	ND<10000	5.7	SPL
QC-1 (e)	07/02/97	---	---	---	---	130000	19000	54000	4700	33400	ND<10000	---	SPL
RW-1	09/30/97	37.73	27.97	0.02	9.78	110000	13000	22000	2000	12500	1100	7.0	SPL
QC-1 (e)	09/30/97	---	---	---	---	140000	17000	29000	2500	15900	1200	---	SPL
RW-1	01/21/98	37.73	14.14	0.44	23.92	270000	21000	48000	3500	25000	1100	4.8	SPL
RW-1	04/09/98	37.73	25.01	0.05	12.76	---	---	---	---	---	---	---	---
RW-1	04/10/98	37.73	---	---	---	220000	26000	46000	4400	24500	ND<2500	5.1	SPL
RW-1	06/19/98	37.73	11.43	---	26.30	180000	19000	32000	3000	17400	ND<2500	4.6	SPL
RW-1	11/30/98	37.73	7.87	---	29.86	---	---	---	---	---	---	---	---
RW-1	01/21/99	37.73	18.90	0.03	18.85	260000	24000	46000	5100	30000	1700	---	SPL
RW-1	07/09/99	37.73	18.58	0.26	19.36	---	---	---	---	---	---	---	---
RW-1	11/03/99	37.73	20.85	0.60	17.36	160000	19000	37000	3800	25000	1500	---	PACE
RW-1	01/12/00	37.73	21.20	0.23	16.71	240000	18000	46000	5800	26000	2100	---	PACE
RW-1	04/13/00	37.73	21.71	0.11	16.11	120000	2100	33000	2800	28000	1500	---	PACE
RW-1	05/24/00	37.73	21.89	0.24	16.03	---	---	---	---	---	---	---	---
RW-1	06/01/00	37.73	16.30	0.01	21.44	---	---	---	---	---	---	---	---
RW-1	06/08/00	37.73	17.88	0.20	20.01	---	---	---	---	---	---	---	---
RW-1	06/15/00	37.73	16.72	0.04	21.04	---	---	---	---	---	---	---	---
RW-1	06/20/00	37.73	21.04	0.20	16.85	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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	07/07/00	37.73	17.21	0.01	20.53	---	---	---	---	---	---	---	---
RW-1	07/20/00	37.73	21.87	0.18	16.00	---	---	---	---	---	---	---	---
RW-1	07/26/00	37.73	21.45	0.13	16.38	67000	160	5300	2100	18000	1100	---	PACE
RW-1	07/31/00	37.73	22.11	---	15.62	---	---	---	---	---	---	---	---
RW-1	08/08/00	37.73	17.80	0.01	19.94	---	---	---	---	---	---	---	---
RW-1	08/16/00	37.73	17.92	---	19.81	---	---	---	---	---	---	---	---
RW-1	08/23/00	37.73	18.11	0.02	19.64	---	---	---	---	---	---	---	---
RW-1	10/24/00	37.73	18.93	---	18.80	---	---	---	---	---	---	---	---
RW-1 (k)	10/25/00	37.73	19.04	---	18.69	360000	18000	78000	34000	180000	2100	---	PACE
RW-1	01/19/01	37.73	18.19	0.05	19.58	110000	9450	19600	3510	21100	1270	---	PACE
RW-1 (l)	07/24/01	37.73	17.93	---	19.80	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING/ SAMPLING	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
QC-2	(i) 10/07/92	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	ANA
QC-2	(i) 01/14/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
QC-2	(i) 04/22/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(m)	PACE
QC-2	(i) 07/15/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(m)	PACE
QC-2	(i) 10/21/93	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(i) 01/27/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(i) 04/21/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(i) 09/09/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(i) 12/21/94	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(i) 01/30/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2	(i) 04/10/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2	(i) 06/27/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2	(i) 09/19/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
QC-2	(i) 12/07/95	---	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
QC-2	(i) 03/28/96	---	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	SPL
QC-2	(i) 06/20/96	---	---	---	---	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
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 available/applicable/measurable
ND	Not detected above reported detection limit
PACE	Pace, Inc.
SUP	Superior Analytical Laboratories, Inc.
APP	Applied Analytical Laboratory
ANA	Anametrix, Inc.
ATI	Analytical Technologies, Inc.
SPL	Southern Petroleum Laboratories

NOTES:

- (a) Top of casing elevations surveyed to the nearest 0.01 foot above mean sea level.
- (b) Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.
- (c) A copy of the documentation for this data is included in Appendix C of Alisto report 10-025-13-003.
- (d) MTBE peak. See documentation in Appendix C of Alisto report 10-025-13-003.
- (e) Blind duplicate.
- (f) Well inaccessible.
- (g) EPA Methods 8020/8260 used.
- (h) Well not monitored and/or sampled due to vapor extraction system.
- (i) Travel blank.
- (j) This gasoline does not include MTBE.
- (k) Well was sampled on a different date from the other wells due to lack of proper equipment.
- (l) Unable to sample due to nature of product.
- (m) A copy of the documentation for this data is included in Blaine Tech Services, Inc., Report 010724-B-2. The data for sampling events January 14, 1993 and April 22, 1993 has been destroyed. No chromatograms could be located for samples AW-2 on January 27, 1994, and for samples AW-1, AW-2, AW-3, AW-4, AW-5, AW-6, AW-7, AW-8, MW-2 and MW-3 on September 9, 1994.
- (n) On June 1, 2001, after reviewing chromatograms, Sequoia reported the value as <5.0.

TABLE 2 - PRODUCT REMOVAL STATUS

WELL ID	DATE OF MONITORING	PRODUCT REMOVED (Gallons)	PRODUCT REMOVED CUMULATIVE (Gallons)
RW-1	10/06/93	1.00	1.00
	10/14/94	1.00	2.00
	10/20/94	18.00	20.00
	10/26/94	3.00	23.00
	11/02/93	5.00	28.00
	11/10/94	6.00	34.00
	11/16/94	2.50	36.50
	11/23/94	5.00	41.50
	11/30/93	2.00	43.50
	12/07/93	4.00	47.50
	12/17/93	1.50	49.00
	01/04/94	5.00	54.00
	01/12/94	3.50	57.50
	01/20/94	2.50	60.00
	02/11/94	4.00	64.00
	02/18/93	3.50	67.50
	02/25/94	3.00	70.50
	03/04/94	3.50	74.00
	03/18/94	5.50	79.50
	03/30/94	4.00	83.50
	04/13/94	4.60	88.10
	04/21/94	4.20	92.30
	04/29/94	4.50	96.80
	05/06/94	5.50	102.30
	05/13/94	3.50	105.80
	05/20/94	3.50	109.30
	05/26/94	4.50	113.80
	06/02/94	3.50	117.30
	06/09/94	2.50	119.80
	06/16/94	3.50	123.30
	06/23/94	4.00	127.30
	06/29/94	2.50	129.80
	07/07/94	2.00	131.80
	07/12/94	3.00	134.80
	07/20/94	1.50	136.30
	07/29/94	3.50	139.80
	08/05/94	1.50	141.30
	08/12/94	2.00	143.30
	08/18/94	2.50	145.80
	09/09/94	3.50	149.30
	09/16/94	4.00	153.30
	09/23/94	2.00	155.30
	12/07/95	0.00	155.30
	03/28/96	0.01	155.31
	06/20/96	0.00	155.31
	04/14/97	<0.05	155.31
	07/02/97	0.25	155.56
	09/30/97	<0.01	155.56
	01/21/98	0.5	156.06
	04/10/98	0.09	156.15
	06/19/98	<0.01	156.15
	11/30/98	0.00	156.15
	01/21/99	0.00	156.15
	04/30/99	0.11	156.26
	07/09/99	0.00	156.26
	11/03/99	1.06	157.32
	01/12/00	0.53	157.85
	04/13/00	0.26	158.11
	05/24/00	0.53	158.64
	06/01/00	0.00	158.64
	06/08/00	0.26	158.90
	06/15/00	0.13	159.03
	06/20/00	0.53	159.56

TABLE 2 - PRODUCT REMOVAL STATUS

WELL ID	DATE	PRODUCT REMOVED (Gallons)	PRODUCT REMOVED CUMULATIVE (Gallons)
RW-1	07/07/00	0.01	159.57
	07/20/00	0.11	159.68
	07/26/00	0.13	159.81
	07/31/00	0.00	159.81
	08/08/00	0.01	159.82
	08/16/00	0.00	159.82
	08/23/00	0.13	159.95
	08/31/00	0.40	160.35
	09/08/00	0.53	160.88
	09/25/00	0.01	160.89
	10/24/00	0.00	160.89
	02/14/00	0.01	160.90
	03/20/00	0.13	161.03
	04/26/00	0.00	161.03
	05/17/00	0.00	161.03
	06/28/00	0.00	161.03
	01/19/01	0.11	161.14
	02/14/01	0.01	161.15
	03/20/01	0.13	161.28
	04/26/01	0.00	161.28
	05/17/01	0.00	161.28
	06/28/01	0.00	161.28
	07/24/01	0.00	161.28
MW-1	10/20/93	0.10	0.10
	11/10/93	0.10	0.20
	09/09/94	SHEEN	0.20
	10/26/94	SHEEN	0.20
	11/16/94	SHEEN	0.20
	12/21/94	0.25	0.45
	02/08/95	0.00	0.45
	04/10/95	0.25	0.70
	06/29/95	SHEEN	0.70
	09/18/95	SHEEN	0.70
	12/07/95	SHEEN	0.70
	03/28/96	<.001	0.70
	06/20/96	0.002	0.70
	10/11/96	<0.001	0.70
	01/02/97	<0.01	0.70
	04/14/97	<0.01	0.70
	07/02/97	<0.01	0.70
	01/21/98	<0.01	0.70
	06/19/98	<0.01	0.70
	11/30/98	0.00	0.70
	01/21/99	SHEEN	0.70
	04/30/99	SHEEN	0.70
	07/09/99	SHEEN	0.70
11/03/99	0.00	0.70	
01/12/00	0.00	0.70	
04/13/00	0.00	0.70	
05/24/00	0.00	0.70	
06/01/00	0.00	0.70	
06/08/00	0.00	0.70	
06/15/00	0.00	0.70	

NOTE: Groundwater and soil vapor extraction equipment installed in RW-1 in October 1994.

# **Analytical Appendix**



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

August 06, 2001

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

RE: Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

Dear Ms. Magyar:

Enclosed are the analytical results for sample(s) received by the laboratory on July 26, 2001. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

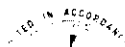


Paula Kirtley  
Project Manager

Enclosures

## **REPORT OF LABORATORY ANALYSIS**

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

Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

Attn: Ms. Cindy Magyar  
Phone:

Lab Sample No: 851703703      Project Sample Number: 8522478-001      Date Collected: 07/24/01 16:28  
Client Sample ID: 11133-A      Matrix: Water      Date Received: 07/26/01 09:05

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Req Limit
<b>GC Volatiles</b>								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	62.	ug/l	50.	1.0	07/27/01 18:05	WRIC		
1,4-Difluorobenzene (S)	102	%		1.0	07/27/01 18:05	WRIC		
4-Bromofluorobenzene (S)	92	%		1.0	07/27/01 18:05	WRIC 460-00-4		
SW8021 Aromatics, Water	Prep/Method: See analytical meth / EPA 8021							
Benzene	ND	ug/l	0.500	1.0	07/27/01 18:05	WRIC 71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	07/27/01 18:05	WRIC 100-41-4		
Toluene	ND	ug/l	0.500	1.0	07/27/01 18:05	WRIC 108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	07/27/01 18:05	WRIC 1330-20-7		
Methyl-tert-butyl ether	28.7	ug/l	0.500	1.0	07/27/01 18:05	WRIC 1634-04-4		
1,4-Difluorobenzene (S)	101	%		1.0	07/27/01 18:05	WRIC		
4-Bromofluorobenzene (S)	100	%		1.0	07/27/01 18:05	WRIC 460-00-4		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

Lab Sample No: 851703704      Project Sample Number: 8522478-002      Date Collected: 07/24/01 16:47  
Client Sample ID: 11133-B      Matrix: Water      Date Received: 07/26/01 09:05

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Req Limi
<b>GC Volatiles</b>								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	5400	ug/l	1200	25.0	08/02/01 22:34	WRIC		
1,4-Difluorobenzene (S)	117	%		1.0	08/02/01 22:34	WRIC		
4-Bromofluorobenzene (S)	95	%		1.0	08/02/01 22:34	WRIC 460-00-4		
<b>SW8021 Aromatics, Water</b>								
Prep/Method: See analytical meth / EPA 8021								
Benzene	18.4	ug/l	12.5	25.0	08/02/01 22:34	WRIC 71-43-2		
Ethylbenzene	ND	ug/l	12.5	25.0	08/02/01 22:34	WRIC 100-41-4		
Toluene	17.2	ug/l	12.5	25.0	08/02/01 22:34	WRIC 108-88-3		
Xylene (Total)	40.8	ug/l	37.5	25.0	08/02/01 22:34	WRIC 1330-20-7		
Methyl-tert-butyl ether	5170	ug/l	12.5	25.0	08/02/01 22:34	WRIC 1634-04-4		
1,4-Difluorobenzene (S)	117	%		1.0	08/02/01 22:34	WRIC		
4-Bromofluorobenzene (S)	102	%		1.0	08/02/01 22:34	WRIC 460-00-4		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

Lab Sample No: 851703705      Project Sample Number: 8522478-003      Date Collected: 07/24/01 17:05  
Client Sample ID: 11133-C      Matrix: Water      Date Received: 07/26/01 09:05

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Limi
<b>GC Volatiles</b>								
GAS by Mod 8015, Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	9600	ug/l	500	10.0	07/31/01 18:36	WRIC		
1,4-Difluorobenzene (S)	123	%		1.0	07/31/01 18:36	WRIC		
4-Bromofluorobenzene (S)	127	%		1.0	07/31/01 18:36	WRIC	460-00-4	
<b>SW8021 Aromatics, Water</b>								
Prep/Method: See analytical meth / EPA 8021								
Benzene	2140	ug/l	5.00	10.0	07/31/01 18:36	WRIC	71-43-2	
Ethylbenzene	281.	ug/l	5.00	10.0	07/31/01 18:36	WRIC	100-41-4	
Toluene	6.34	ug/l	5.00	10.0	07/31/01 18:36	WRIC	108-88-3	
Xylene (Total)	43.0	ug/l	15.0	10.0	07/31/01 18:36	WRIC	1330-20-7	
Methyl-tert-butyl ether	1440	ug/l	5.00	10.0	07/31/01 18:36	WRIC	1634-04-4	
1,4-Difluorobenzene (S)	110	%		1.0	07/31/01 18:36	WRIC		
4-Bromofluorobenzene (S)	115	%		1.0	07/31/01 18:36	WRIC	460-00-4	

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

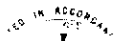
Lab Project Number: 8522478  
 Client Project ID: BP Site# 11133

Lab Sample No: 851703706      Project Sample Number: 8522478-004      Date Collected: 07/24/01 17:19  
 Client Sample ID: 11133-D      Matrix: Water      Date Received: 07/26/01 09:05

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Req Limit
<b>GC Volatiles</b>								
GAS by Mod 8015, Water      Prep/Method: EPA 8015 Modified / EPA 8015 Modified								
Gasoline Range Organics	27000	ug/l	2500	50.0	08/03/01 16:25	WRIC		
1,4-Difluorobenzene (S)	105	%		1.0	08/03/01 16:25	WRIC		
4-Bromofluorobenzene (S)	103	%		1.0	08/03/01 16:25	WRIC 460-00-4		
SW8021 Aromatics, Water      Prep/Method: See analytical meth / EPA 8021								
Benzene	96.7	ug/l	5.00	10.0	08/02/01 20:57	WRIC 71-43-2		
Ethylbenzene	548.	ug/l	5.00	10.0	08/02/01 20:57	WRIC 100-41-4		
Toluene	ND	ug/l	5.00	10.0	08/02/01 20:57	WRIC 108-88-3		
Xylene (Total)	1460	ug/l	15.0	10.0	08/02/01 20:57	WRIC 1330-20-7		
Methyl-tert-butyl ether	285.	ug/l	5.00	10.0	08/02/01 20:57	WRIC 1634-04-4		
1,4-Difluorobenzene (S)	103	%		1.0	08/02/01 20:57	WRIC		
4-Bromofluorobenzene (S)	122	%		1.0	08/02/01 20:57	WRIC 460-00-4		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

Lab Sample No: 851703707      Project Sample Number: 8522478-005      Date Collected: 07/24/01 16:15  
Client Sample ID: 11133-F      Matrix: Water      Date Received: 07/26/01 09:05

Parameters	Results	Units	Report Limit	Dilution	Analyzed	CAS No.	Ftnote	Reg Limi
<b>GC Volatiles</b>								
GAS by Mod 8015. Water	Prep/Method: EPA 8015 Modified / EPA 8015 Modified							
Gasoline Range Organics	5100	ug/l	250	5.0	08/02/01 19:19	WRIC		
1,4-Difluorobenzene (S)	107	%		1.0	08/02/01 19:19	WRIC		
4-Bromofluorobenzene (S)	111	%		1.0	08/02/01 19:19	WRIC	460-00-4	
<b>SW8021 Aromatics. Water</b>								
Prep/Method: See analytical meth / EPA 8021								
Benzene	1080	ug/l	2.50	5.0	08/02/01 19:19	WRIC	71-43-2	
Ethylbenzene	409.	ug/l	2.50	5.0	08/02/01 19:19	WRIC	100-41-4	
Toluene	143.	ug/l	2.50	5.0	08/02/01 19:19	WRIC	108-88-3	
Xylene (Total)	827.	ug/l	7.50	5.0	08/02/01 19:19	WRIC	1330-20-7	
Methyl-tert-butyl ether	115.	ug/l	2.50	5.0	08/02/01 19:19	WRIC	1634-04-4	
1,4-Difluorobenzene (S)	107	%		1.0	08/02/01 19:19	WRIC		
4-Bromofluorobenzene (S)	108	%		1.0	08/02/01 19:19	WRIC	460-00-4	

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Phone: 281.488.1810  
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Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

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**PARAMETER FOOTNOTES**

ND Not Detected  
NC Not Calculable  
(S) Surrogate

Date: 08/06/01

Page: 6

**REPORT OF LABORATORY ANALYSIS**

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✓

**QUALITY CONTROL DATA**

Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

QC Batch: 56046      Analysis Method: EPA 8021  
QC Batch Method: See analytical meth      Analysis Description: SW8021 Aromatics, Water  
Associated Lab Samples: 851703703

METHOD BLANK: 851704085  
Associated Lab Samples: 851703703

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Benzene	ug/l	ND	0.500	
Ethylbenzene	ug/l	ND	0.500	
Toluene	ug/l	ND	0.500	
Xylene (Total)	ug/l	ND	1.50	
Methyl-tert-butyl ether	ug/l	ND	0.500	
1,4-Difluorobenzene (S)	%	96		
4-Bromofluorobenzene (S)	%	106		

LABORATORY CONTROL SAMPLE: 851704086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Benzene	ug/l	50	50.53	101	
Ethylbenzene	ug/l	50	52.37	105	
Toluene	ug/l	50	50.66	101	
Xylene (Total)	ug/l	100	104.3	104	
Methyl-tert-butyl ether	ug/l	50	53.19	106	
1,4-Difluorobenzene (S)				99	
4-Bromofluorobenzene (S)				108	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851704087 851704088

Parameter	Units	851703694 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Benzene	ug/l	0	50.00	52.79	50.97	106	102	4	
Ethylbenzene	ug/l	0	50.00	54.09	53.03	108	106	2	
Toluene	ug/l	0	50.00	52.50	51.41	105	103	2	
Xylene (Total)	ug/l	0	100.00	106.2	105.6	106	106	1	

Date: 08/06/01

Page: 7

**REPORT OF LABORATORY ANALYSIS**

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QUALITY CONTROL DATA

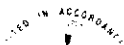
Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851704087 851704088

Parameter	Units	851703694	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Methyl-tert-butyl ether	ug/l	0	50.00	53.75	50.78	108	102	6	
1,4-Difluorobenzene (S)						99	98		
4-Bromofluorobenzene (S)						107	106		

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Houston, TX 77058  
Phone: 281.488.1810  
Fax: 281.488.4661

### QUALITY CONTROL DATA

Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

QC Batch: 56048      Analysis Method: EPA 8015 Modified  
QC Batch Method: EPA 8015 Modified      Analysis Description: GAS by Mod 8015, Water  
Associated Lab Samples: 851703703

METHOD BLANK: 851704091  
Associated Lab Samples: 851703703

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Gasoline Range Organics	ug/l	ND	50.	
1,4-Difluorobenzene (S)	%	97		
4-Bromofluorobenzene (S)	%	101		

LABORATORY CONTROL SAMPLE: 851704092

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Gasoline Range Organics	ug/l	1000	1022	102	
1,4-Difluorobenzene (S)				107	
4-Bromofluorobenzene (S)				117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851704126 851704127

Parameter	Units	851703703	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Gasoline Range Organics	ug/l	62.22	1000.00	950.2	856.2	89	79	10	
1,4-Difluorobenzene (S)						103	105		
4-Bromofluorobenzene (S)						106	107		

### REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

QC Batch: 56168                                  Analysis Method: EPA 8021  
QC Batch Method: See analytical meth      Analysis Description: SW8021 Aromatics, Water  
Associated Lab Samples:                      851703705

METHOD BLANK: 851704626  
Associated Lab Samples:                      851703705

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Benzene	ug/l	ND	0.500	
Ethylbenzene	ug/l	ND	0.500	
Toluene	ug/l	ND	0.500	
Xylene (Total)	ug/l	ND	1.50	
Methyl-tert-butyl ether	ug/l	ND	0.500	
1,4-Difluorobenzene (S)	%	98		
4-Bromofluorobenzene (S)	%	103		

LABORATORY CONTROL SAMPLE: 851704627

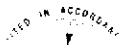
Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Benzene	ug/l	50	51.16	102	
Ethylbenzene	ug/l	50	53.20	106	
Toluene	ug/l	50	51.41	103	
Xylene (Total)	ug/l	100	106.1	106	
Methyl-tert-butyl ether	ug/l	50	53.51	107	
1,4-Difluorobenzene (S)				101	
4-Bromofluorobenzene (S)				104	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851704628 851704629

Parameter	Units	851704513	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Benzene	ug/l	0	50.00	52.18	50.26	104	100	4	
Ethylbenzene	ug/l	0	50.00	53.51	51.56	107	103	4	
Toluene	ug/l	0.1193	50.00	51.91	50.01	104	100	4	
Xylene (Total)	ug/l	0	100.00	105.3	101.8	105	102	3	

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QUALITY CONTROL DATA

Lab Project Number: 8522478  
 Client Project ID: BP Site# 11133

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851704628 851704629

Parameter	Units	851704513	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Methyl-tert-butyl ether	ug/l	0	50.00	50.81	49.74	102	100	2	
1,4-Difluorobenzene (S)						100	100		
4-Bromofluorobenzene (S)						101	102		

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Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

QC Batch: 56170      Analysis Method: EPA 8015 Modified  
QC Batch Method: EPA 8015 Modified      Analysis Description: GAS by Mod 8015, Water  
Associated Lab Samples: 851703705

METHOD BLANK: 851704637  
Associated Lab Samples: 851703705

Parameter	Units	Blank		Reporting Limit	Footnotes
		Result			
Gasoline Range Organics	ug/l	ND		50.	
1,4-Difluorobenzene (S)	%	101			
4-Bromofluorobenzene (S)	%	97			

LABORATORY CONTROL SAMPLE: 851704638

Parameter	Units	Spike		LCS		Footnotes
		Conc.	Result	% Rec		
Gasoline Range Organics	ug/l	1000	1033	103		
1,4-Difluorobenzene (S)				110		
4-Bromofluorobenzene (S)				113		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851704639 851704640

Parameter	Units	851704518		Spike		MS		MSD		RPD	Footnotes
		Result	Conc.	Conc.	Result	Result	Result	% Rec	% Rec		
Gasoline Range Organics	ug/l	359.0	1000.00	1000.00	1242	1234	88	88	88	1	
1,4-Difluorobenzene (S)							109	109			
4-Bromofluorobenzene (S)							109	109			

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

QC Batch: 56283                          Analysis Method: EPA 8021  
QC Batch Method: See analytical meth      Analysis Description: SW8021 Aromatics. Water  
Associated Lab Samples:      851703704    851703706    851703707

METHOD BLANK: 851705094  
Associated Lab Samples:    851703704    851703706    851703707

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Benzene	ug/l	ND	0.500	
Ethylbenzene	ug/l	ND	0.500	
Toluene	ug/l	ND	0.500	
Xylene (Total)	ug/l	ND	1.50	
Methyl-tert-butyl ether	ug/l	ND	0.500	
1,4-Difluorobenzene (S)	%	97		
4-Bromofluorobenzene (S)	%	105		

LABORATORY CONTROL SAMPLE: 851705095

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Benzene	ug/l	50	51.36	103	
Ethylbenzene	ug/l	50	53.61	107	
Toluene	ug/l	50	51.74	103	
Xylene (Total)	ug/l	100	106.9	107	
Methyl-tert-butyl ether	ug/l	50	53.27	107	
1,4-Difluorobenzene (S)				100	
4-Bromofluorobenzene (S)				107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851705096 851705097

Parameter	Units	851703985	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Benzene	ug/l	0.6021	50.00	55.59	54.46	110	108	2	
Ethylbenzene	ug/l	0	50.00	56.37	55.21	113	110	2	
Toluene	ug/l	0	50.00	54.10	53.38	108	107	1	
Xylene (Total)	ug/l	0.1438	100.00	109.4	107.4	109	143	2	

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QUALITY CONTROL DATA

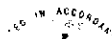
Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851705096 851705097

<u>Parameter</u>	<u>Units</u>	851703985 <u>Result</u>	Spike <u>Conc.</u>	MS <u>Result</u>	MSD <u>Result</u>	MS <u>% Rec</u>	MSD <u>% Rec</u>	<u>RPD</u>	<u>Footnotes</u>
Methyl-tert-butyl ether	ug/l	15.50	50.00	69.03	69.16	107	107	0	
1,4-Difluorobenzene (S)						99	99		
4-Bromofluorobenzene (S)						107	107		

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**QUALITY CONTROL DATA**

Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

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QC Batch: 56287	Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 8015 Modified	Analysis Description: GAS by Mod 8015, Water
Associated Lab Samples: 851703704	851703707

---

METHOD BLANK: 851705116  
Associated Lab Samples: 851703704 851703707

<u>Parameter</u>	<u>Units</u>	<u>Blank Result</u>	<u>Reporting Limit</u>	<u>Footnotes</u>
Gasoline Range Organics	ug/l	ND	50.	
1,4-Difluorobenzene (S)	%	98		
4-Bromofluorobenzene (S)	%	100		

---

LABORATORY CONTROL SAMPLE & LCSD: 851705119 851705120

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCSD Result</u>	<u>LCS % Rec</u>	<u>LCSD % Rec</u>	<u>RPD</u>	<u>Footnotes</u>
Gasoline Range Organics	ug/l	1000	961.2	935.7	96	94	3	
1,4-Difluorobenzene (S)					103	104		
4-Bromofluorobenzene (S)					103	105		

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QUALITY CONTROL DATA

Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

QC Batch: 56319  
QC Batch Method: EPA 8015 Modified  
Associated Lab Samples: 851703706

Analysis Method: EPA 8015 Modified  
Analysis Description: GAS by Mod 8015. Water

METHOD BLANK: 851705245  
Associated Lab Samples: 851703706

<u>Parameter</u>	<u>Units</u>	<u>Blank Result</u>	<u>Reporting Limit</u>	<u>Footnotes</u>
Gasoline Range Organics	ug/l	ND	50.	
1,4-Difluorobenzene (S)	%	102		
4-Bromofluorobenzene (S)	%	97		

LABORATORY CONTROL SAMPLE: 851705246

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
Gasoline Range Organics	ug/l	1000	1039	104	
1,4-Difluorobenzene (S)				110	
4-Bromofluorobenzene (S)				105	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851705247 851705248

<u>Parameter</u>	<u>Units</u>	<u>851704500 Result</u>	<u>Spike Conc.</u>	<u>MS Result</u>	<u>MSD Result</u>	<u>MS % Rec</u>	<u>MSD % Rec</u>	<u>RPD</u>	<u>Footnotes</u>
Gasoline Range Organics	ug/l	194.0	1000.00	1180	1107	99	91	6	
1,4-Difluorobenzene (S)						108	106		
4-Bromofluorobenzene (S)						106	102		

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Fax: 281.488.4661

Lab Project Number: 8522478  
Client Project ID: BP Site# 11133

---

#### QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

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

## **REPORT OF LABORATORY ANALYSIS**

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# CHAIN OF CUSTODY

CONSULTANT'S NAME Blaine Tech Services, Inc.		CONSULTANT'S ADDRESS 1680 Rogers Ave., San Jose CA 95112			
BP SITE NUMBER 11133	BP SITE / FACILITY ADDRESS 2220 98th Ave., Oakland			CONSULTANT PROJECT NUMBER <b>010724-B-2</b>	
CONSULTANT PROJECT MANAGER Scott Boor		PHONE NUMBER (408) 573-0555 x 223	FAX NUMBER (408) 573-7771		CONSULTANT CONTRACT NUMBER <b>J588468</b>
BP CONTACT Scott Hooton		BP ADDRESS 295 SW 41st Street, Suite N, Renton WA	PHONE NUMBER (425) 251-0689	FAX NO. (425) 251-0736	
LAB CONTACT Pace - Paula Kirtley		LABORATORY ADDRESS 900 Gemini Ave., Houston, TX 77058	PHONE NUMBER (281) 488-1810	FAX NO. (281) 488-4661	
BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name)		RUSH REQUESTED OF (Print Consultant Contact Name)	DATE/TIME	SHIPMENT DATE	SHIPMENT METHOD

24 HOURS   
  48 HOURS   
  72 HOURS   
  Standard 7 or 14 Days

**ANALYSIS REQUIRED**

AIRBILL NUMBER

SAMPLE DESCRIPTION	COLLECTION DATE	COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS		PRESERVATIVE	TPH-G + BTEX / MTBE (8015M)	TPH-D (8015M)	FUEL OXYGENATES (8260)	1,2 DCA + EDB (8010)									COMMENTS		
				NO.	TYPE (VOL)	LAB SAMPLE #															
A -	7/24/01	1628	W	3	NOA	HCL	X													851703703	
B -	↓	1647	↓	↓	↓	↓	↓														851703704
C -	↓	1705	↓	↓	↓	↓	↓														851703705
D -	↓	1719	↓	↓	↓	↓	↓														851703706
E -	↓	1615	↓	↓	↓	↓	↓														851703707

SAMPLED BY (Please Print Name) Shaun O'Bryan     
 SAMPLED BY (Signature) For: Shaun O'Bryan     
 ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
Airborne Express	7/25/01	1410	AIRBORNE EXPRESS	7/25/01	1410
Tracy Moody / Pace	7/26/01	0905	Tracy Moody / Pace	7/26/01	0905







# Sequoia Analytical

1455 McDowell Blvd., North, Ste. 1  
Petaluma, CA 94954  
(707) 792-1866  
FAX (707) 792-0348  
www.sequoiainlabs.com

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

23-Aug-01

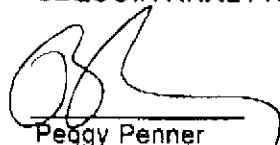
## EPA 8020 Chromatogram Review

Site - 11133

Pace Sample #	Matrix / Units	Sample ID	Date			MTBE
			Sampled	Date Run	Inst.	
70 0116007	Water / ug/L	AW1	7/15/93	7/26/93	70-Q-2	838
70 0116023	Water / ug/L	AW2	7/15/93	7/27/93	70-Q-2	<5.0
70 0116058	Water / ug/L	AW3	7/15/93	7/27/93	70-Q-2	37.3
70 0116082	Water / ug/L	AW4	7/15/93	7/27/93	70-Q-2	1978
70 0116090	Water / ug/L	AW5	7/15/93	7/27/93	70-Q-2	<50
700116104	Water / ug/L	AW6	7/15/93	7/27/93	70-Q-2	<5.0
70 0116112	Water / ug/L	AW7	7/15/93	7/28/93	70-Q-2	<5.0
70 0116120	Water / ug/L	AW8	7/15/93	7/28/93	70-Q-2	<5.0
70 0116139	Water / ug/L	MW2	7/15/93	7/28/93	70-Q-2	21.7
70 0116147	Water / ug/L	MW3	7/15/93	7/28/93	70-Q-2	2204
70 0116155	Water / ug/L	QC1	7/15/93	7/27/93	70-Q-2	<50
70 0116198	Water / ug/L	QC2	7/15/93	7/28/93	70-Q-2	<5.0

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

### SEQUOIA ANALYTICAL

  
 Peggy Penner  
 Laboratory Director

## MTBE Data Request

BP Project No: 11133 2220 98th Avenue, Oakland

sample date	sample source	field ID#	Lab ID #	analysis date
1/14/1993	aw1		700277485	1/19/1993
1/14/1993	aw2		700277442	1/19/1993
1/14/1993	aw3		700277493	1/19/1993
1/14/1993	aw4		700277507	1/19/1993
1/14/1993	aw5		700277477	1/19/1993
1/14/1993	aw6		700277418	1/19/1993
1/14/1993	aw7		700277426	1/19/1993
1/14/1993	aw8		700277434	1/19/1993
1/14/1993	mw2		700277469	1/19/1993
1/14/1993	mw3		700277450	1/19/1993
4/22/1993	aw2		700059577	4/30/1993
4/22/1993	aw3		700059585	4/30/1993
4/22/1993	aw1		700059550	5/3/1993
4/22/1993	aw6		700059623	5/3/1993
4/22/1993	aw7		700059631	5/3/1993
4/22/1993	mw2		700059658	5/3/1993
4/22/1993	aw4		700059607	5/4/1993
4/22/1993	aw5		700059615	5/4/1993
4/22/1993	aw8		700059640	5/4/1993
4/22/1993	mw3		700059666	5/4/1993
10/21/1993	aw1		700179394	10/28/1993
10/21/1993	aw2		700179408	10/28/1993
10/21/1993	aw3		700179416	10/28/1993
10/21/1993	aw4		700179424	10/28/1993
10/21/1993	aw5		700179432	10/28/1993
10/21/1993	aw7		700179459	10/28/1993
10/21/1993	aw8		700179467	10/28/1993
10/21/1993	awa6		700179440	10/28/1993
10/21/1993	mw2		700179475	10/28/1993
10/21/1993	mw3		700179483	10/28/1993
1/27/1994	aw3		700238447	2/3/1994
1/27/1994	aw4		700238455	2/3/1994
1/27/1994	aw5		700238480	2/3/1994
1/27/1994	aw6		700238498	2/3/1994
1/27/1994	aw7		700238501	2/3/1994
1/27/1994	aw8		700238510	2/3/1994
1/27/1994	mw2		700238668	2/3/1994
1/27/1994	aw2		700238439	2/4/1994
1/27/1994	mw3		700238676	2/4/1994
1/27/1994	aw1		700238420	2/8/1994
4/21/1994	aw6		700312159	5/2/1994
4/21/1994	aw8		700312175	5/2/1994
4/21/1994	mw1		700312183	5/2/1994
4/21/1994	mw2		700312191	5/2/1994
4/21/1994	aw1		700312108	5/3/1994
4/21/1994	aw2		700312116	5/3/1994

## lab request - 11133

4/21/1994	aw3		700312124	5/3/1994
4/21/1994	aw4		700312132	5/3/1994
4/21/1994	aw5		700312140	5/3/1994
4/21/1994	aw7		700312167	5/3/1994
4/21/1994	mw3		700312205	5/3/1994
9/9/1994	aw1	s10	700392721	9/17/1994
9/9/1994	aw3	s6	700392683	9/17/1994
9/9/1994	aw5	s7	700392691	9/17/1994
9/9/1994	aw6	s4	700392667	9/17/1994
9/9/1994	aw7	s1	700392632	9/17/1994
9/9/1994	aw8	s5	700392675	9/17/1994
9/9/1994	mw2	s3	700392659	9/17/1994
9/9/1994	aw4	s9	700392705	9/21/1994
9/9/1994	mw3	s8	700392705	9/21/1994
9/9/1994	aw2	s2	700392640	9/22/1994
12/21/1994	aw2	s3	700455391	12/22/1994
12/21/1994	aw5	s4	700455405	12/22/1994
12/21/1994	aw5	s5	700455413	12/22/1994
12/21/1994	aw6	s6	700455421	12/22/1994
12/21/1994	aw7	s2	700455383	12/22/1994
12/21/1994	aw8	s1	700455375	12/22/1994
12/21/1994	aw1	s8	700455448	12/23/1994
12/21/1994	mw2	s7	700455430	12/23/1994
12/21/1994	mw3	s9	700455456	12/23/1994



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

1-Jun-01

**EPA 8020 Chromatogram Review**

Site - 11133

Pace Sample #	Matrix / Units	Sample ID	Date		Inst.	MTBE
			Sampled	Date Run		
70 0179394	Water / ug/L	AW1	10/21/93	10/28/93	70-Q-6	832
70 0179408	Water / ug/L	AW2	10/21/93	10/28/93	70-Q-6	<5.0
70 0179416	Water / ug/L	AW3	10/21/93	10/28/93	70-Q-6	8.95
70 0179424	Water / ug/L	AW4	10/21/93	10/28/93	70-Q-6	4610
70 0179432	Water / ug/L	AW5	10/21/93	10/28/93	70-Q-6	74.8
70 0179459	Water / ug/L	AW7	10/21/93	10/28/93	70-Q-6	<5.0
70 0179467	Water / ug/L	AW8	10/21/93	10/28/93	70-Q-6	<5.0
70 0179440	Water / ug/L	AWA6	10/21/93	10/28/93	70-Q-6	<5.0
70 0179475	Water / ug/L	MW2	10/21/93	10/28/93	70-Q-6	14.9
70 0179483	Water / ug/L	MW3	10/21/93	10/28/93	70-Q-6	847
70 0238447	Water / ug/L	AW3	1/27/94	2/3/94	70-Q-5	7.37
70 0238455	Water / ug/L	AW4	1/27/94	2/3/94	70-Q-5	6403 **
70 0238480	Water / ug/L	AW5	1/27/94	2/3/94	70-Q-5	48.9
70 0238498	Water / ug/L	AW6	1/27/94	2/3/94	70-Q-5	<5.0
70 0238501	Water / ug/L	AW7	1/27/94	2/3/94	70-Q-5	<5.0
70 0238510	Water / ug/L	AW8	1/27/94	2/3/94	70-Q-5	<5.0
70 0238668	Water / ug/L	MW2	1/27/94	2/3/94	70-Q-5	11.5
70 0238439	Water / ug/L	AW2	1/27/94	2/4/94	*	*
70 0238676	Water / ug/L	MW3	1/27/94	2/4/94	70-Q-5	3892 **
70 0238420	Water / ug/L	AW1	1/27/94	2/8/94	70-Q-5	<5.0
70 0312159	Water / ug/L	AW6	4/21/94	5/2/94	70-Q-8	<5.0
70 0312175	Water / ug/L	AW8	4/21/94	5/2/94	70-Q-8	<5.0
70 0312183	Water / ug/L	MW1	4/21/94	5/2/94	70-Q-8	11061
70 0312191	Water / ug/L	MW2	4/21/94	5/2/94	70-Q-8	11.4
70 0312108	Water / ug/L	AW1	4/21/94	5/3/94	70-Q-5	1119
70 0312116	Water / ug/L	AW2	4/21/94	5/3/94	70-Q-2	<5.0
70 0312124	Water / ug/L	AW3	4/21/94	5/3/94	70-Q-5	9.36
70 0312132	Water / ug/L	AW4	4/21/94	5/3/94	70-Q-5	16010 **
70 0312140	Water / ug/L	AW5	4/21/94	5/3/94	70-Q-8	74.3
70 0312167	Water / ug/L	AW7	4/21/94	5/3/94	70-Q-8	<5.0
70 0312205	Water / ug/L	MW3	4/21/94	5/3/94	70-Q-8	3364 **
70 0392721	Water / ug/L	AW1	9/9/94	9/17/94	*	*
70 0392683	Water / ug/L	AW3	9/9/94	9/17/94	*	*
70 0392691	Water / ug/L	AW5	9/9/94	9/17/94	*	*
70 0392667	Water / ug/L	AW6	9/9/94	9/17/94	*	*
70 0392632	Water / ug/L	AW7	9/9/94	9/17/94	*	*
70 0392675	Water / ug/L	AW8	9/9/94	9/17/94	*	*
70 0392659	Water / ug/L	MW2	9/9/94	9/17/94	*	*



# Sequoia Analytical

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FAX (707) 792-0342  
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Pace Sample #	Matrix / Units	Sample ID	Date		Inst.	MTBE
			Sampled	Date Run		
70 0392705	Water / ug/L	AW4	9/9/94	9/21/94	*	*
70 0392705	Water / ug/L	MW3	9/9/94	9/21/94	*	*
70 0392640	Water / ug/L	AW2	9/9/94	9/22/94	*	*
70 0455391	Water / ug/L	AW2	12/21/94	12/22/94	70-Q-8	<5.0
70 0455405	Water / ug/L	AW5	12/21/94	12/22/94	70-Q-8	114
70 0455413	Water / ug/L	AW5	12/21/94	12/22/94	70-Q-8	104
70 0455421	Water / ug/L	AW6	12/21/94	12/22/94	70-Q-8	5.19
70 0455383	Water / ug/L	AW7	12/21/94	12/22/94	70-Q-8	<5.0
70 0455375	Water / ug/L	AW8	12/21/94	12/22/94	70-Q-8	<5.0
70 0455448	Water / ug/L	AW1	12/21/94	12/23/94	70-Q-8	855
70 0455430	Water / ug/L	MW2	12/21/94	12/23/94	70-Q-8	<5.0
70 0455456	Water / ug/L	MW3	12/21/94	12/23/94	70-Q-8	800

The data for the following sampling events has been destroyed.

January 14, 1993

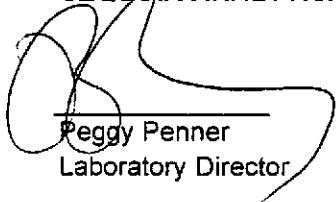
April 22, 1993

\* No chromatograms could be located for these samples.

\*\* The results for these samples was above the calibration range.

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

SEQUOIA ANALYTICAL



Peggy Penner  
Laboratory Director

# **Field Data Sheets**

WELL GAUGING DATA

Project # 610815 YZ Date Aug 15 2001 Client BP

Site: 2220 98<sup>th</sup> Oakland

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
RW-16	6	odor	—	—	—	19.25	—	TOB

## BP WELL MONITORING DATA SHEET

Project #: <i>010815 Y2</i>	Station # <i>11133</i>
Sampler: <i>Jared</i>	Date: <i>Aug 15 01</i>
Well I.D.: <i>RW 1</i>	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth:	Depth to Water: <i>19.25</i>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	<u>6"</u>	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
		<i>No Free product detected.</i>			

Did well dewater? Yes      No	Gallons actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D. (Blind):	Laboratory: Pace      Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
D.O. (if req'd):	Pre-purge: <span style="float: right;">mg/L</span> Post-purge: <span style="float: right;">mg/L</span>
O.R.P. (if req'd):	Pre-purge: <span style="float: right;">mV</span> Post-purge: <span style="float: right;">mV</span>



WELL GAUGING DATA

Project # 010724-132 Date 7/24/01 Client BP

Site 1133 - 2220 98th Ave - Oakland

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 <u>(OC)</u>
D MW-1	2					13.55	28.31	↓
MW-2	2					11.13	31.37	
A MW-3	2					15.11	34.10	
C AW-1	2	odor			19.2	<del>18.55</del> 19.2	38.38	
- AW-2		covered by		New LANDSCAPE				
AW-3	2					18.55	35.63	
F AW-4	2					<del>18.55</del> 19.2	32.77	
B AW-5	4					20.17	42.59	
AW-6	4					17.93	34.06	
- AW-7		covered by		New LANDSCAPE				
AW-8	2					18.22	37.49	
RW-1	6					17.93	37.30	↓

## BP WELL MONITORING DATA SHEET

Project #: <u>010724-152</u>	Station # <u>11133</u>
Sampler: <u>S. O'Byrne</u>	Date: <u>7/24/01</u>
Well I.D.: <u>RW1</u>	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: <u>37.30</u>	Depth to Water: <u>17.93</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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

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

<u>28.5</u>	x	<u>3</u>	=	<u>85.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
					- casing extraction pump coated w/ thick oil / SPH. Too much to stick our equipment down w/out grossly contaminating pumps. Well needs to be scrubbed & cleaned up w/ brush before sticking any pumps down

Did well dewater? Yes <input type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: _____
Sampling Time: _____	Sampling Date: <u>7/24/01</u>
Sample I.D. (Blind): <u>E</u>	Laboratory: <u>Pace</u> Other: _____
Analyzed for: <u>TPH-G BTEX MTBE TPH-D</u> 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>010724-132</u>	Station # <u>11133</u>
Sampler: <u>S. O'Boyan</u>	Date: <u>7/24/01</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>28.31</u>	Depth to Water: <u>13.55</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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer  
~~Middleburg~~  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

Sampling Method: Bailer  
~~Disposable Bailer~~  
 Extraction Port  
 Other: \_\_\_\_\_

<u>2.5</u>	X	<u>3</u>	=	<u>7.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1710</u>	<u>68.1</u>	<u>7.1</u>	<u>643</u>	<u>3</u>	<u>odor</u>
<u>1713</u>	<u>68.3</u>	<u>6.7</u>	<u>605</u>	<del>6</del>	
<u>1715</u>	<u>68.1</u>	<u>6.7</u>	<u>603</u>	<u>7.5</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 7.5

Sampling Time: 1719 Sampling Date: 7/24/01

Sample I.D. (Blind): D Laboratory: Pace Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

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

## BP WELL MONITORING DATA SHEET

Project #: <u>010724-152</u>	Station # <u>11133</u>
Sampler: <u>S. O'Byrne</u>	Date: <u>7/24/01</u>
Well I.D.: <u>MW-3</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>34.10</u>	Depth to Water: <u>15.11</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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer  
~~Middleburg~~  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

Sampling Method: Bailer  
~~Disposable Bailer~~  
 Extraction Port  
 Other: \_\_\_\_\_

<u>3.1</u>	X	<u>3</u>	=	<u>9.3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1618</u>	<u>67.8</u>	<u>5.5</u>	<u>503</u>	<u>3.5</u>	
<u>1621</u>	<u>67.0</u>	<u>6.2</u>	<u>417</u>	<u>7</u>	
<u>1624</u>	<u>67.0</u>	<u>6.4</u>	<u>387</u>	<u>10</u>	

Did well dewater? Yes  No

Gallons actually evacuated: 10

Sampling Time: 1628 Sampling Date: 7/24/01

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

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

## BP WELL MONITORING DATA SHEET

Project #: <u>010724-132</u>	Station # <u>11133</u>
Sampler: <u>S. O'Brien</u>	Date: <u>7/24/01</u>
Well I.D.: <u>AW-1</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u>    </u>
Total Well Depth: <u>38.38</u>	Depth to Water: <u>19.86</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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

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

<u>3</u>	X	<u>3</u>	=	<u>9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1655</u>	<u>67.8</u>	<u>6.5</u>	<u>809</u>	<u>3</u>	
<u>1658</u>	<u>67.1</u>	<u>6.5</u>	<u>840</u>	<u>6</u>	
<u>1701</u>	<u>66.8</u>	<u>6.8</u>	<u>820</u>	<u>9</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>9</u>	
Sampling Time: <u>1705</u>	Sampling Date: <u>7/24/01</u>	
Sample I.D. (Blind): <u>C</u>	Laboratory: <u>Face</u> Other _____	
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other:		
D.O. (if req'd):	Pre-purge: <u>    </u> mg/L	Post-purge: <u>    </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>    </u> mV	Post-purge: <u>    </u> mV

## BP WELL MONITORING DATA SHEET

Project #: <u>010724-152</u>	Station # <u>11133</u>
Sampler: <u>S. O'Boyan</u>	Date: <u>7/24/01</u>
Well I.D.: <u>AW4</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>32.77</u>	Depth to Water: <u>18.85</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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

Sampling Method: Bailer  
Disposable Bailer  
 Extraction Port  
 Other: \_\_\_\_\_

<u>2.3</u>	x	<u>3</u>	=	<u>6.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1105</u>	<u>67.9</u>	<u>6.8</u>	<u>1330</u>	<u>2.5</u>	<u>odor</u>
<u>1108</u>	<u>68.0</u>	<u>6.7</u>	<u>1296</u>	<u>5</u>	<u>"</u>
<u>1111</u>	<u>68.3</u>	<u>6.7</u>	<u>1288</u>	<u>7</u>	<u>"</u>

Did well dewater? Yes  No  Gallons actually evacuated: 7

Sampling Time: 1115 Sampling Date: 7/24/01

Sample I.D. (Blind): F Laboratory: Face 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>010724-132</u>	Station # <u>11133</u>
Sampler: <u>S. O'Byrne</u>	Date: <u>7/24/01</u>
Well I.D.: <u>AW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>42.59</u>	Depth to Water: <u>20.17</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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

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

<u>14.6</u>	X	<u>3</u>	=	<u>43.8</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1639</u>	<u>68.9</u>	<u>6.7</u>	<u>505</u>	<u>15</u>	
<u>1641</u>	<u>68.5</u>	<u>6.5</u>	<u>580</u>	<u>30</u>	
<u>1643</u>	<u>67.9</u>	<u>6.5</u>	<u>536</u>	<u>45</u>	

Did well dewater? Yes  No      Gallons actually evacuated: 45

Sampling Time: 1647      Sampling Date: 7/24/01

Sample I.D. (Blind): B      Laboratory: Pace      Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: \_\_\_\_\_

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

## BP WELL MONITORING DATA SHEET

Project #: <b>010628-R1</b>	Station #: <b>BP 1133</b>
Sampler: <b>Trei</b>	Date: <b>6/28/01</b>
Well I.D.: <b>RW-1</b>	Well Diameter: 2 3 4 <b>6</b> 8
Total Well Depth:	Depth to Water: <b>17.71</b>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <b>PVC</b> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
					— gauge well with Interphase probe, no signs of free product (Double check) Strong odor was present when I brought the Interphase probe out of the well — No DTW Taken (Depth to well Bottom)

Did well dewater? Yes No Gallons actually evacuated: \_\_\_\_\_

Sampling Time: \_\_\_\_\_ Sampling Date: \_\_\_\_\_

Sample I.D. (Blind): \_\_\_\_\_ Laboratory: Pace Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

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