



Scott T. Hooton
Portfolio Manager

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

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

Roldo

June 4, 2001

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

JUN 11 2001

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

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

Dear Ms. Hugo:

Enclosed find the 23 May 2001 *First Quarter 2001 Groundwater Monitoring* report prepared on behalf of BP by Blaine Tech Services. The report summarizes chemical data obtained since 1992, including results associated with samples obtained on 29 March 2001.

The enclosed report shows that the liquid petroleum hydrocarbon previously documented in well MW-9 has not been found in measurable accumulations since 1996. On 29 March 2001, MTBE was detected in samples obtained from wells MW-3, MW-6 and MW-7, with the highest concentrations associated with well MW-6.

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

Sincerely,


Scott Hooton

Attachment

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

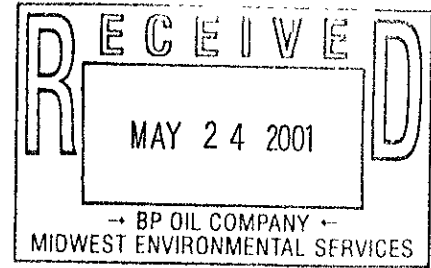
BLAINE
TECH SERVICES, INC.



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

May 23, 2001

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



JUN 11 2001

1st Quarter 2001 Monitoring at 11126

First Quarter 2001 Groundwater Monitoring
BP Service Station Number 11126
1700 Powell St.
Emeryville, CA

Monitoring Performed on March 29, 2001

Groundwater Sampling Report 010329-F-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.

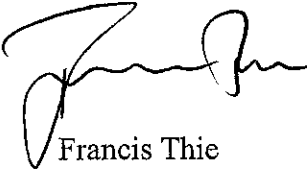
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The **Professional Engineering Appendix**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

A handwritten signature in black ink, appearing to read 'Francis Thie', is written over a horizontal line.

Francis Thie
Vice President

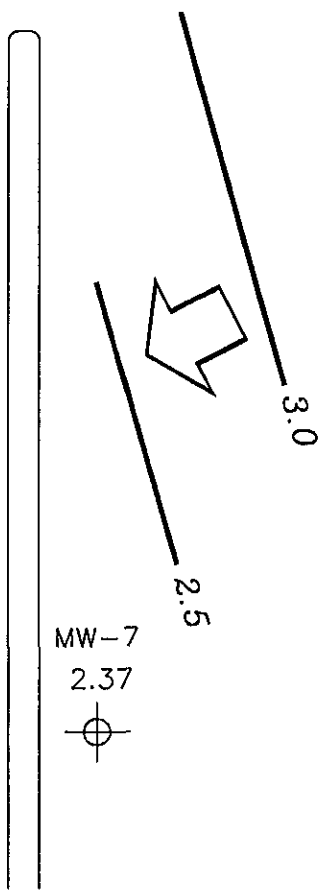
FPT/ks

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

Professional Engineering Appendix



MW-6
3.18



FOR
USED (



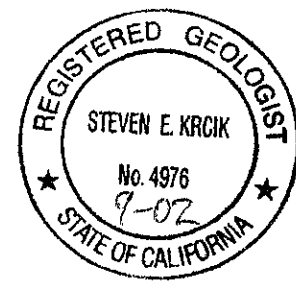
USED



- EXPLANATION
- MONITORING WELL
 - GROUNDWATER ELEVATION (FT, MSL)
 - GROUNDWATER ELEVATION CONTOUR (FT, MSL)
 - DATA NOT AVAILABLE
 - APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.01
 - DATA NOT USED IN CONTOURING

MW-3
3.21

MW
N.



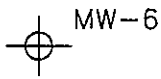
TER ELEVATION CONTOUR MAP,
MARCH 29, 2001

Service Station No. 11126
1700 Powell Street
Emeryville, California

FIGURE:
1
PROJECT:
DAC04



SCALE IN FEET



MW-6	
B	<2.5
T	2.91
E	<2.5
X	11.8
TPHg	750
MTBE	820

FC
USED



USED



EXPLANATION

MONITORING WELL

TOTAL PETROLEUM HYDROCARBON CALCULATED AS GASOLINE IN PARTS PER BILLION (ppb)

BENZENE, ppb

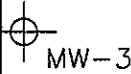
TOLUENE, ppb

ETHYLBENZENE, ppb

XYLENE, ppb

METHYL-TERT-BUTYL-ETHER, ppb

DATA NOT AVAILABLE



MW-3	
B	<
T	<
E	<
X	<
TPHg	6
MTBE	6

M
N



MW-7	
B	<2.5
T	<2.5
E	<2.5
X	<7.5
TPHg	600
MTBE	636

ARBON CONCENTRATION MAP,
MARCH 29, 2001

Service Station No. 11126
1700 Powell Street
Emeryville, California

FIGURE:

2

PROJECT:

DAC04

Table of Well Data and Analytical Results

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-1	11/04/92	7.76	4.96	--	2.80	5300	--	1100	480	ND<0.5	1500	--	--	--	--	PACE
MW-1 (j)	10/12/93	7.76	5.26	--	2.50	3600	--	970	71	100	550	6111	--	--	--	PACE
MW-1 (j)	02/15/94	7.76	4.98	--	2.78	17000	--	4200	510	360	1600	5495	--	--	3.9	PACE
MW-1 (j)	05/11/94	7.76	4.55	--	3.21	5500	--	2900	37	56	64	705	--	--	8.0	PACE
MW-1 (j)	08/01/94	7.76	5.51	--	2.25	15000	--	3600	740	510	2800	9718	(d)	--	2.9	PACE
QC-1 (e)	08/01/94	--	--	--	--	16000	--	3600	750	510	2800	9800	(d)	--	--	PACE
MW-1 (j)	10/18/94	7.76	5.11	--	2.65	16000	--	1800	61	160	890	15668	--	--	2.9	PACE
QC-1 (e)	10/18/94	--	--	--	--	16000	--	1900	64	170	950	--	--	--	--	PACE
MW-1	01/13/95	7.76	3.05	--	4.71	220	--	7	ND<0.5	1	23	--	--	--	6.6	ATI
QC-1 (e)	01/13/95	--	--	--	--	590	--	88	0.7	ND<0.5	55	--	--	--	--	ATI
MW-1	04/13/95	7.76	3.84	--	3.92	9300	--	4000	300	200	950	--	--	--	7.7	ATI
MW-1	07/11/95	7.76	3.60	--	4.16	15000	--	2200	84	ND<25	2500	--	--	--	8.8	ATI
MW-1	11/02/95	7.76	4.58	--	3.18	19000	--	920	ND<100	ND<100	430	52000	--	--	7.3	ATI
MW-1	02/05/96	7.76	4.43	--	3.33	4600	--	1400	330	54	247	8700	--	--	3.2	SPL
MW-1	04/24/96	7.76	4.00	--	3.76	2000	--	510	33	61	228	4500	--	--	7.5	SPL
MW-1	07/15/96	7.76	4.30	--	3.46	--	--	--	--	--	--	--	--	--	--	--
MW-1	07/16/96	7.76	--	--	--	12000	--	2800	170	390	1630	64000	--	--	7.9	SPL
QC-1 (e)	07/16/96	--	--	--	--	12000	--	2800	160	390	1610	63000	--	--	--	SPL
MW-1	07/30/96	7.76	4.64	--	3.12	--	--	--	--	--	--	--	--	--	--	--
MW-1	08/12/96	7.76	--	--	--	11000	--	2500	160	ND<10	1740	440000	--	--	7.0	SPL
MW-1	11/04/96	7.76	5.98	--	1.78	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/05/96	7.76	--	--	--	53000	--	1300	43	100	349	42000/19000	(f)	--	6.6	SPL
MW-1	05/17/97	7.76	4.65	--	3.11	52000	--	1958	55	305	1216	140198	--	--	5.7	SPL
MW-1	08/11/97	7.76	4.90	--	2.86	25000	--	540	6.7	ND<5.0	57	360000	--	--	7.9	SPL
MW-1	11/17/97	7.76	6.12	--	1.64	93000	--	1200	31	180	40	400000	--	--	7.6	SPL
MW-1	01/29/98	7.76	4.90	--	2.86	4800	--	320	24	52	19.9	ND<50	--	--	6.6	SPL
MW-1	06/22/98	7.76	4.62	--	3.14	63000	--	180	ND<5.0	15	69	57000	--	--	6.0	SPL
MW-1	12/30/98	7.76	5.41	--	2.35	22000	--	2500	24	120	400	15000/13000	(f)	--	--	SPL
MW-1	03/09/99	7.76	3.40	--	4.36	16000	--	2000	84	290	510	13000	--	--	--	SPL
MW-1	06/23/99	7.76	4.60	--	3.16	9600	--	4500	21	160	260	24000	--	--	--	SPL
MW-1	09/23/99	7.76	4.21	--	3.55	3800	--	1600	32	150	240	7100	--	--	--	SPL
MW-1	12/28/99	7.76	4.10	--	3.66	3400	--	ND<2200	17	53	130	5500	--	--	--	PACE
MW-1	03/22/00	7.76	5.51	--	2.25	6400	--	1100	45	190	330	4900	--	--	--	PACE
MW-1	05/26/00	7.76	4.79	--	2.97	110000	--	700	44	140	250	320000	--	--	--	PACE
MW-1	09/06/00	7.76	5.19	--	2.57	5600	--	1000	13	57	90	19000	--	--	--	PACE
MW-1	09/15/00	7.76	5.73	--	2.03	--	--	--	--	--	--	--	--	--	--	--
MW-1	12/11/00	7.76	5.82	--	1.94	5500	--	1160	47.1	155	292	3900	--	--	--	PACE
MW-1 (h)	03/29/01	7.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-2	11/04/92	8.56	5.88	--	2.68	12000	--	3900	1300	ND<0.5	2300	--	--	--	--	PACE
QC-1 (e)	11/04/92	--	--	--	--	12000	--	3200	980	ND<0.5	1900	--	--	--	--	PACE
MW-2 (j)	10/12/93	8.56	6.29	--	2.27	4500	--	3400	180	230	940	442	--	--	--	PACE
MW-2 (j)	02/15/94	8.56	5.56	--	3.00	2000	--	430	270	28	390	127	--	--	4.0	PACE
QC-1 (e)	02/15/94	--	--	--	--	1800	--	290	160	14	250	--	--	--	--	PACE
MW-2 (j)	05/11/94	8.56	5.17	--	3.39	14000	--	3900	1200	440	1900	953	--	--	8.9	PACE
QC-1 (e)	05/11/94	--	--	--	--	15000	--	5600	1500	470	2000	740	(d)	--	--	PACE
MW-2 (j)	08/01/94	8.56	5.43	--	3.13	8200	--	3000	420	230	680	1676	--	--	2.6	PACE
MW-2 (j)	10/18/94	8.56	5.71	--	2.85	9000	--	2000	140	150	420	2417	--	--	7.2	PACE
MW-2	01/13/95	8.56	4.67	--	3.89	7900	--	2200	42	ND<5	770	--	--	--	6.8	ATI
MW-2	04/13/95	8.56	4.37	--	4.19	33000	--	8000	2500	1100	6600	--	--	--	7.5	ATI
QC-1 (e)	04/13/95	--	--	--	--	25000	--	6500	1500	110	5300	--	--	--	--	ATI
MW-2	07/11/95	8.56	4.51	--	4.05	19000	--	3300	99	7.5	4600	--	--	--	7.8	ATI
QC-1 (e)	07/11/95	--	--	--	--	28000	--	6800	1000	900	4900	--	--	--	--	ATI
MW-2	11/02/95	8.56	5.55	--	3.01	20000	--	3800	1200	570	2700	15000	--	--	7.3	ATI
QC-1 (e)	11/02/95	--	--	--	--	22000	--	4000	1200	600	2700	19000	--	--	--	ATI
MW-2	02/05/96	8.56	5.10	--	3.46	1200	--	320	220	26	187	99	--	--	2.2	SPL
QC-1 (e)	02/05/96	--	--	--	--	910	--	290	180	19	137	93	--	--	--	SPL
MW-2	04/24/96	8.56	4.95	--	3.61	ND<500	--	70	22	ND<10	61	ND<50	--	--	7.0	SPL
QC-1 (e)	04/24/96	--	--	--	--	ND<500	--	100	30	ND<10	71	ND<100	--	--	--	SPL
MW-2	07/15/96	8.56	5.40	--	3.16	--	--	--	--	--	--	--	--	--	--	--
MW-2	07/16/96	8.56	--	--	--	12000	--	3300	1400	250	2610	1400	--	--	7.8	SPL
MW-2	07/30/96	8.56	5.44	--	3.12	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/04/96	8.56	7.06	--	1.50	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/05/96	8.56	--	--	--	7200	--	1400	230	38	2110	1100	--	--	7.4	SPL
QC-1 (e)	11/05/96	--	--	--	--	9200	--	1300	170	ND<25	2240	1100	--	--	--	SPL
MW-2	05/17/97	8.56	5.77	--	2.79	570	--	42	ND<5.0	5.0	60	210	--	--	6.9	SPL
MW-2	08/11/97	8.56	5.71	--	2.85	6300	--	1800	130	86	397	2400	--	--	8.5	SPL
MW-2	11/17/97	8.56	6.91	--	1.65	2400	--	220	30	33	259	130	--	--	7.9	SPL
MW-2	01/29/98	8.56	4.61	--	3.95	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	--	6.2	SPL
MW-2	06/22/98	8.56	4.80	--	3.76	4200	--	640	150	120	650	560	--	--	5.4	SPL
MW-2	12/30/98	8.56	5.21	--	3.35	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/23/99	8.56	5.30	--	3.26	--	--	--	--	--	--	--	--	--	--	--
MW-2	09/23/99	8.56	4.75	--	3.81	3800	--	760	19	210	960	910	--	--	--	SPL
MW-2	12/28/99	8.56	4.51	--	4.05	--	--	--	--	--	--	--	--	--	--	--
MW-2	03/22/00	8.56	4.21	--	4.35	2500	--	780	17	44	270	2800	--	--	--	PACE
MW-2	05/26/00	8.56	4.66	--	3.90	--	--	--	--	--	--	--	--	--	--	--
MW-2	09/06/00	8.56	4.71	--	3.85	3700	--	1200	5.5	12	170	12000	--	--	--	PACE
MW-2	09/15/00	8.56	4.74	--	3.82	--	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-2	12/11/00	8.56	4.79	—	3.77	---	---	---	---	---	---	---	---	---	---	---
MW-2 (h)	03/29/01	8.56	—	—	—	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-3	11/04/92	8.25	6.38	---	1.87	200	690	1.6	ND<0.5	ND<0.5	1.1	---	ND<5000	ND	---	PACE
MW-3 (j)	10/12/93	8.25	5.84	---	2.41	270	2100	5.0	0.7	ND<0.5	2.6	96.3	ND<5000	ND	---	PACE
QC-1 (e)	10/12/93	---	---	---	---	150	---	5.6	0.6	ND<0.5	1.6	---	---	---	---	PACE
MW-3 (j)	02/15/94	8.25	6.60	---	1.65	140	2.3	5.7	ND<0.5	ND<0.5	ND<0.5	30.1	90	ND	3.9	PACE
MW-3 (j)	05/11/94	8.25	5.86	---	2.39	190	2500	2.7	1.9	ND<0.5	1.9	51	(d) ND<5000	ND	9.2	PACE
MW-3 (j)	08/01/94	8.25	6.13	---	2.12	120	1300	1.3	ND<0.5	0.5	1.1	17.6	ND<5000	ND	2.9	PACE
MW-3 (j)	10/18/94	8.25	6.39	---	1.86	100	2200	2.3	ND<0.5	ND<0.5	ND<0.5	21	ND<5000	ND	3.6	PACE
MW-3	01/13/95	8.25	5.47	---	2.78	ND<50	970	0.8	ND<0.5	ND<0.5	ND<1	---	---	ND	7.7	ATI
MW-3	04/13/95	8.25	5.17	---	3.08	530	ND<500	8.7	1.9	ND<0.5	3.9	---	2100	ND	8.4	ATI
MW-3	07/11/95	8.25	5.37	---	2.88	78	2100	0.57	ND<0.50	ND<0.50	ND<1.0	---	1900	ND	8.3	ATI
MW-3	11/02/95	8.25	6.29	---	1.96	250	2000	0.73	ND<0.50	ND<0.50	1.8	270	1400	ND	8.3	ATI
MW-3	02/05/96	8.25	5.80	---	2.45	ND<50	1600	ND<0.5	ND<1	ND<1	2.7	11	9000	ND	3.5	SPL
MW-3	04/24/96	8.25	5.69	---	2.56	ND<50	2800	ND<5	ND<10	ND<10	ND<10	150	6000	ND	8.6	SPL
MW-3	07/15/96	8.25	6.18	---	2.07	ND<250	3700	ND<2.5	ND<5	ND<5	ND<5	ND<500	1000	ND	7.7	SPL
MW-3	07/30/96	8.25	6.04	---	2.21	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/04/96	8.25	7.84	---	0.41	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/05/96	8.25	---	---	---	90	890	ND<0.5	ND<1.0	ND<1.0	ND<1.0	30	2000	ND	6.8	SPL
MW-3	05/17/97	8.25	6.49	---	1.76	ND<50	2100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	52	700	ND	6.3	SPL
MW-3	08/11/97	8.25	6.15	---	2.10	490	1900	ND<2.5	ND<5.0	ND<5.0	ND<5.0	170	ND<5000	ND	7.4	SPL
MW-3	11/17/97	8.25	7.15	---	1.10	120	2500	ND<0.5	ND<1.0	ND<1.0	ND<1.0	46	ND<5000	ND	7.0	SPL
MW-3	01/29/98	8.25	5.10	---	3.15	270	1700	0.53	ND<1.0	ND<1.0	ND<1.0	330	2000	ND	6.4	SPL
MW-3	06/22/98	8.25	5.50	---	2.75	200	2200	ND<0.5	ND<1.0	ND<1.0	ND<1.0	130	ND<5	ND	5.5	SPL
MW-3	12/30/98	8.25	6.68	---	1.57	---	---	---	---	---	---	---	---	---	---	---
MW-3	03/09/99	8.25	5.53	---	2.72	60	840	ND<1.0	ND<1.0	ND<1.0	ND<1.0	19	7600	---	---	SPL
MW-3	06/23/99	8.25	6.60	---	1.65	---	---	---	---	---	---	---	---	---	---	---
MW-3	09/23/99	8.25	6.17	---	2.08	---	---	---	---	---	---	---	---	---	---	---
MW-3	12/28/99	8.25	6.00	---	2.25	---	---	---	---	---	---	---	---	---	---	---
MW-3	03/22/00	8.25	4.77	---	3.48	690	ND<58	4.2	3.1	0.81	2.7	2900	13000	---	---	PACE
MW-3	05/26/00	8.25	5.28	---	2.97	---	---	---	---	---	---	---	---	---	---	---
MW-3	09/15/00	8.25	5.58	---	2.67	---	---	---	---	---	---	---	---	---	---	---
MW-3	12/11/00	8.25	(i) 11.74	---	-3.49	---	---	---	---	---	---	---	---	---	---	---
MW-3	03/29/01	8.25	5.04	---	3.21	650	ND<50	ND<2.5	ND<2.5	ND<2.5	ND<7.5	680	6540	---	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-4	11/04/92	8.12	6.66	---	1.46	340	---	4.5	ND<0.5	4.3	ND<0.5	---	---	---	---	PACE
MW-4 (j)	10/12/93	8.12	6.87	---	1.25	160	---	5.8	1.4	0.8	2.7	261	---	---	---	PACE
MW-4 (j)	02/15/94	8.12	6.61	---	1.51	110	---	4.4	0.7	ND<0.5	2.5	118	(d)	---	4.3	PACE
MW-4 (j)	05/11/94	8.12	5.89	---	2.23	120	---	0.5	0.8	ND<0.5	ND<0.5	137	(d)	---	9.3	PACE
MW-4 (j)	08/01/94	8.12	6.87	---	1.25	140	---	0.7	2.0	5.2	15	138	---	---	3.3	PACE
MW-4 (j)	10/18/94	8.12	6.62	---	1.50	140	---	3.5	ND<0.5	0.5	ND<0.5	197	---	---	3.0	PACE
MW-4	01/13/95	8.12	7.27	---	0.85	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	7.9	ATI
MW-4	04/13/95	8.12	6.51	---	1.61	73	---	1.2	ND<0.5	ND<0.5	ND<1	---	---	---	9.9	ATI
MW-4	07/11/95	8.12	6.21	---	1.91	82	---	0.57	ND<0.50	ND<0.50	ND<1.0	---	---	---	7.2	ATI
MW-4	11/02/95	8.12	6.78	---	1.34	71	---	1.4	0.96	0.99	2.8	140	---	---	8.6	ATI
MW-4	02/05/96	8.12	6.41	---	1.71	ND<50	---	ND<5	ND<10	ND<10	ND<10	200	---	---	4.4	SPL
MW-4	04/24/96	8.12	6.18	---	1.94	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	510	---	---	8.3	SPL
MW-4	07/15/96	8.12	6.63	---	1.49	ND<50	---	5.7	ND<1	ND<1	ND<1	550	---	---	7.4	SPL
MW-4	07/30/96	8.12	6.34	---	1.78	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/04/96	8.12	8.27	---	-0.15	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/05/96	8.12	---	---	---	460	---	ND<2.5	11	ND<5.0	ND<5.0	620/610	(f)	---	7.3	SPL
MW-4	05/17/97	8.12	7.00	---	1.12	---	---	---	---	---	---	---	---	---	---	---
MW-4	08/11/97	8.12	6.81	---	1.31	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/17/97	8.12	9.19	---	-1.07	840	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	880	---	---	7.3	SPL
MW-4	01/29/98	8.12	7.94	---	0.18	---	---	---	---	---	---	---	---	---	---	---
MW-4	06/22/98	8.12	7.49	---	0.63	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/30/98	8.12	8.21	---	-0.09	---	---	---	---	---	---	---	---	---	---	---
MW-4	03/09/99	8.12	7.70	---	0.42	1200	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2000	---	---	---	SPL
MW-4	06/23/99	8.12	8.81	---	-0.69	---	---	---	---	---	---	---	---	---	---	---
MW-4	09/23/99	8.12	8.32	---	-0.20	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/28/99	8.12	8.21	---	-0.09	---	---	---	---	---	---	---	---	---	---	---
MW-4	03/22/00	8.12	6.74	---	1.38	910	---	ND<0.5	ND<0.5	0.54	1.7	3800	---	---	---	PACE
MW-4	05/26/00	8.12	5.13	---	2.99	---	---	---	---	---	---	---	---	---	---	---
MW-4	09/15/00	8.12	8.20	---	-0.08	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/11/00	8.12	8.31	---	-0.19	---	---	---	---	---	---	---	---	---	---	---
MW-4 (h)	03/29/01	8.12	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-5	10/12/93	7.69	6.01	---	1.68	---	---	---	---	---	---	---	---	---	---	---
MW-5	10/13/93	7.69	---	---	---	2300	---	160	10	ND<0.5	26	---	---	---	---	PACE
MW-5 (j)	02/15/94	7.69	5.74	---	1.95	5100	---	710	16	33	35	153	(d)	---	4.0	PACE
MW-5 (j)	05/11/94	7.69	5.28	---	2.41	11000	---	1100	39	110	57	165	(d)	---	8.0	PACE
MW-5 (j)	08/01/94	7.69	5.84	---	1.85	9000	---	730	35	61	41	196	(d)	---	2.6	PACE
MW-5 (j)	10/18/94	7.69	6.01	---	1.68	7800	---	330	30	27	27	559	---	---	5.6	PACE
MW-5	01/13/95	7.69	4.74	---	2.95	ND<500	---	290	6	ND<5	18	---	---	---	6.8	ATI
MW-5	04/13/95	7.69	5.50	---	2.19	9100	---	400	15	52	27	---	---	---	7.4	ATI
MW-5	07/11/95	7.69	5.75	---	1.94	7300	---	390	13	28	23	---	---	---	7.2	ATI
MW-5	11/03/95	7.69	6.65	---	1.04	7200	---	270	15	38	23	200	---	---	8.4	ATI
MW-5	02/05/96	7.69	4.83	---	2.86	4600	---	370	15	53	28	ND<50	---	---	1.9	SPL
MW-5	04/24/96	7.69	6.09	---	1.60	3000	---	180	ND<10	32	14	ND<100	---	---	8.1	SPL
MW-5	07/15/96	7.69	6.57	---	1.12	---	---	---	---	---	---	---	---	---	---	---
MW-5	07/16/96	7.69	---	---	---	ND<50	---	190	ND<10	31	16	ND<100	---	---	8.3	SPL
MW-5	07/30/96	7.69	5.61	---	2.08	---	---	---	---	---	---	---	---	---	---	---
MW-5	08/12/96	7.69	---	---	---	2000	---	150	12	25	18.2	ND<50	---	---	7.6	SPL
MW-5	11/04/96	7.69	8.25	---	-0.56	---	---	---	---	---	---	---	---	---	---	---
MW-5	11/05/96	7.69	---	---	---	5200	---	42	5.5	13	ND<5.0	1700	---	---	7.4	SPL
MW-5	05/17/97	7.69	6.95	---	0.74	80	---	0.56	ND<1.0	ND<1.0	ND<1.0	46	---	---	6.7	SPL
MW-5	08/11/97	7.69	6.72	---	0.97	2700	---	20	12	6.7	9.7	1900	---	---	8.5	SPL
MW-5	11/17/97	7.69	9.49	---	-1.80	8400	---	25	12	8.7	5.4	13000	---	---	7.9	SPL
MW-5	01/29/98	7.69	7.88	---	-0.19	110000	---	2500	110	180	589	180000	---	---	6.8	SPL
MW-5	06/22/98	7.69	7.40	---	0.29	4400	---	47	10	29	20.5	47	---	---	6.6	SPL
MW-5	12/30/98	7.69	6.13	---	1.56	6000	---	18	9.1	22	16	63/44	(f)	---	---	SPL
MW-5	03/09/99	7.69	4.79	---	2.90	4600	---	8.8	5.5	12	11	24	---	---	---	SPL
MW-5	06/23/99	7.69	5.95	---	1.74	3400	---	1500	8.9	54	87	7500	---	---	---	SPL
MW-5	09/23/99	7.69	5.43	---	2.26	2600	---	510	14	140	650	580	---	---	---	SPL
MW-5	12/28/99	7.69	5.30	---	2.39	3500	---	900	18	57	140	4800	---	---	---	PACE
MW-5 (h)	03/22/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	05/26/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	09/06/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	09/15/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	12/11/00	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5 (h)	03/29/01	7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-6 (j)	10/12/93	8.52	6.59	---	1.93	63	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	44.4	---	---	---	PACE
MW-6 (j)	02/15/94	8.52	6.31	---	2.21	68	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	38.1	(d)	---	3.1	PACE
MW-6 (j)	05/11/94	8.52	6.15	---	2.37	68	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	48.5	(d)	---	8.7	PACE
MW-6 (j)	08/01/94	8.52	6.46	---	2.06	91	---	ND<0.5	ND<0.5	ND<0.5	0.6	59.6	---	---	2.4	PACE
MW-6 (j)	10/18/94	8.52	6.72	---	1.80	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	84.6	---	---	6.0	PACE
MW-6	01/13/95	8.52	5.95	---	2.57	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	7.0	ATI
MW-6	04/13/95	8.52	5.44	---	3.08	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	8.5	ATI
MW-6	07/11/95	8.52	5.68	---	2.84	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	8.4	ATI
MW-6	11/02/95	8.52	6.57	---	1.95	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	35	---	---	8.3	ATI
MW-6	02/05/96	8.52	6.27	---	2.25	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100	---	---	2.2	SPL
MW-6	04/24/96	8.52	5.95	---	2.57	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	62	---	---	8.0	SPL
MW-6	07/15/96	8.52	6.39	---	2.13	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	ND<50	---	---	8.0	SPL
MW-6	07/30/96	8.52	6.44	---	2.08	---	---	---	---	---	---	---	---	---	---	---
MW-6	11/04/96	8.52	8.05	---	0.47	---	---	---	---	---	---	---	---	---	---	---
MW-6	11/05/96	8.52	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	7.3	SPL
MW-6	05/17/97	8.52	6.75	---	1.77	---	---	---	---	---	---	---	---	---	---	---
MW-6	08/11/97	8.52	6.48	---	2.04	---	---	---	---	---	---	---	---	---	---	---
MW-6	11/17/97	8.52	9.27	---	-0.75	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	7.7	SPL
MW-6	01/29/98	8.52	7.98	---	0.54	---	---	---	---	---	---	---	---	---	---	---
MW-6	06/22/98	8.52	7.68	---	0.84	---	---	---	---	---	---	---	---	---	---	---
MW-6	12/30/98	8.52	6.98	---	1.54	---	---	---	---	---	---	---	---	---	---	---
MW-6	03/09/99	8.52	5.90	---	2.62	---	---	---	---	---	---	---	---	---	---	---
MW-6	06/23/99	8.52	6.93	---	1.59	---	---	---	---	---	---	---	---	---	---	---
MW-6	09/23/99	8.52	6.45	---	2.07	---	---	---	---	---	---	---	---	---	---	---
MW-6	12/28/99	8.52	6.33	---	2.19	---	---	---	---	---	---	---	---	---	---	---
MW-6	03/22/00	8.52	5.15	---	3.37	---	---	---	---	---	---	---	---	---	---	---
MW-6	05/26/00	8.52	5.72	---	2.80	---	---	---	---	---	---	---	---	---	---	---
MW-6	09/15/00	8.52	6.02	---	2.50	---	---	---	---	---	---	---	---	---	---	---
MW-6	12/11/00	8.52	6.20	---	2.32	---	---	---	---	---	---	---	---	---	---	---
MW-6	03/29/01	8.52	5.34	---	3.18	750	---	ND<2.5	2.91	ND<2.5	11.8	820	---	---	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-7 (j)	10/12/93	7.61	6.14	---	1.47	ND<50	---	ND<0.5	ND<0.5	ND<0.5	0.7	ND<5.0	---	---	---	PACE
MW-7 (j)	02/15/94	7.61	5.88	---	1.73	78	---	ND<0.5	ND<0.5	ND<0.5	0.6	ND<5.0	---	---	4.0	PACE
MW-7 (j)	05/11/94	7.61	5.76	---	1.85	70	---	ND<0.5	ND<0.5	ND<0.5	0.9	11.5	---	---	9.1	PACE
MW-7 (j)	08/01/94	7.61	5.97	---	1.64	77	---	ND<0.5	ND<0.5	ND<0.5	0.5	182	---	---	2.5	PACE
MW-7 (j)	10/18/94	7.61	6.24	---	1.37	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	51.7	---	---	6.3	PACE
MW-7	01/13/95	7.61	5.39	---	2.22	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	8.2	ATI
MW-7	04/13/95	7.61	5.17	---	2.44	63	---	ND<0.5	ND<0.5	ND<0.5	1.4	---	---	---	8.4	ATI
MW-7	07/11/95	7.61	5.25	---	2.36	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	7.9	ATI
MW-7	11/02/95	7.61	6.19	---	1.42	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	55	---	---	8.0	ATI
MW-7	02/05/96	7.61	5.69	---	1.92	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	40	---	---	1.9	SPL
MW-7	04/24/96	7.61	5.59	---	2.02	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	53	---	---	8.2	SPL
MW-7	07/15/96	7.61	6.07	---	1.54	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	ND<50	---	---	7.8	SPL
MW-7	07/30/96	7.61	6.04	---	1.57	---	---	---	---	---	---	---	---	---	---	---
MW-7	11/04/96	7.61	7.76	---	-0.15	---	---	---	---	---	---	---	---	---	---	---
MW-7	11/05/96	7.61	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	7.8	SPL
MW-7	05/17/97	7.61	6.42	---	1.19	---	---	---	---	---	---	---	---	---	---	---
MW-7	08/11/97	7.61	6.06	---	1.55	---	---	---	---	---	---	---	---	---	---	---
MW-7	11/17/97	7.61	9.07	---	-1.46	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	7.1	SPL
MW-7	01/29/98	7.61	7.44	---	0.17	---	---	---	---	---	---	---	---	---	---	---
MW-7	06/22/98	7.61	7.39	---	0.22	---	---	---	---	---	---	---	---	---	---	---
MW-7	12/30/98	7.61	5.51	---	2.10	---	---	---	---	---	---	---	---	---	---	---
MW-7	03/09/99	7.61	5.57	---	2.04	---	---	---	---	---	---	---	---	---	---	---
MW-7	06/23/99	7.61	6.69	---	0.92	---	---	---	---	---	---	---	---	---	---	---
MW-7	09/23/99	7.61	6.23	---	1.38	---	---	---	---	---	---	---	---	---	---	---
MW-7	12/28/99	7.61	6.08	---	1.53	---	---	---	---	---	---	---	---	---	---	---
MW-7	03/22/00	7.61	4.88	---	2.73	---	---	---	---	---	---	---	---	---	---	---
MW-7	05/26/00	7.61	5.42	---	2.19	---	---	---	---	---	---	---	---	---	---	---
MW-7	09/15/00	7.61	5.79	---	1.82	---	---	---	---	---	---	---	---	---	---	---
MW-7	12/11/00	7.61	5.93	---	1.68	---	---	---	---	---	---	---	---	---	---	---
MW-7	03/29/01	7.61	5.24	---	2.37	600	---	ND<2.5	ND<2.5	ND<2.5	ND<7.5	636	---	---	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-8 (j)	10/12/93	8.60	5.86	---	2.74	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11.1	---	---	---	PACE
MW-8 (f)	02/15/94	8.60	5.50	---	3.10	380	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	3.3	PACE
MW-8 (j)	05/11/94	8.60	5.09	---	3.51	330	---	ND<0.5	1.2	ND<0.5	1.9	ND<5.0	---	---	8.5	PACE
MW-8 (j)	08/01/94	8.60	5.20	---	3.40	260	---	ND<0.5	1.2	2.9	5.8	ND<5.0	---	---	2.3	PACE
MW-8 (j)	10/18/94	8.60	5.70	---	2.90	82	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	6.4	PACE
MW-8	01/13/95	8.60	4.96	---	3.64	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	6.9	ATI
MW-8	04/13/95	8.60	5.40	---	3.20	270	---	ND<0.5	ND<0.5	ND<0.5	4.4	---	---	---	8.4	ATI
MW-8	07/11/95	8.60	6.01	---	2.59	320	---	ND<0.50	ND<0.50	ND<0.50	3.5	---	---	---	8.0	ATI
MW-8	11/02/95	8.60	6.81	---	1.79	100	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	8.7	ATI
MW-8	02/05/96	8.60	6.12	---	2.48	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100	---	---	1.5	SPL
MW-8	04/24/96	8.60	6.23	---	2.37	ND<50	---	ND<5	ND<10	ND<10	ND<10	ND<100	---	---	8.7	SPL
MW-8	07/15/96	8.60	6.70	---	1.90	ND<250	---	ND<2.5	ND<5	ND<5	ND<5	ND<50	---	---	8.4	SPL
MW-8	07/30/96	8.60	6.64	---	1.96	---	---	---	---	---	---	---	---	---	---	---
MW-8	11/04/96	8.60	8.36	---	0.24	---	---	---	---	---	---	---	---	---	---	---
MW-8	11/05/96	8.60	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	7.2	SPL
MW-8	05/17/97	8.60	7.03	---	1.57	---	---	---	---	---	---	---	---	---	---	---
MW-8	08/11/97	8.60	6.05	---	2.55	---	---	---	---	---	---	---	---	---	---	---
MW-8	11/17/97	8.60	9.14	---	-0.54	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	7.7	SPL
MW-8	01/29/98	8.60	7.90	---	0.70	---	---	---	---	---	---	---	---	---	---	---
MW-8	06/22/98	8.60	7.72	---	0.88	---	---	---	---	---	---	---	---	---	---	---
MW-8 (h)	12/30/98	8.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-8 (h)	03/09/99	8.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	06/23/99	8.60	4.70	---	3.90	---	---	---	---	---	---	---	---	---	---	---
MW-8	09/23/99	8.60	4.22	---	4.38	---	---	---	---	---	---	---	---	---	---	---
MW-8	12/28/99	8.60	4.12	---	4.48	---	---	---	---	---	---	---	---	---	---	---
MW-8	03/22/00	8.60	4.71	---	3.89	---	---	---	---	---	---	---	---	---	---	---
MW-8	05/26/00	8.60	4.98	---	3.62	---	---	---	---	---	---	---	---	---	---	---
MW-8	09/15/00	8.60	4.62	---	3.98	---	---	---	---	---	---	---	---	---	---	---
MW-8	12/11/00	8.60	4.77	---	3.83	---	---	---	---	---	---	---	---	---	---	---
MW-8 (h)	03/29/01	8.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet)	DEPTH TO WATER (a) (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	HVOC (ug/l)	DO (ppm)	LAB
MW-9	10/12/93	8.08	5.66	0.08	2.48	---	---	---	---	---	---	---	---	---	---	---
MW-9	02/15/94	8.08	5.32	0.05	2.80	---	---	---	---	---	---	---	---	---	---	---
MW-9	05/11/94	8.08	5.57	---	2.51	---	---	---	---	---	---	---	---	---	---	---
MW-9	08/01/94	8.08	6.25	---	1.83	---	---	---	---	---	---	---	---	---	---	---
MW-9	10/18/94	8.08	5.59	0.13	2.59	---	---	---	---	---	---	---	---	---	---	---
MW-9	01/13/95	8.08	4.42	0.14	3.77	---	---	---	---	---	---	---	---	---	---	---
MW-9	04/13/95	8.08	4.06	0.11	4.10	---	---	---	---	---	---	---	---	---	---	---
MW-9	07/11/95	8.08	4.21	0.08	3.93	---	---	---	---	---	---	---	---	---	---	---
MW-9	11/02/95	8.08	5.22	0.05	2.90	---	---	---	---	---	---	---	---	---	---	---
MW-9	02/05/96	8.08	4.76	0.01	3.33	---	---	---	---	---	---	---	---	---	---	---
MW-9	04/24/96	8.08	4.62	0.09	3.53	---	---	---	---	---	---	---	---	---	---	---
MW-9	07/15/96	8.08	5.11	0.04	3.00	---	---	---	---	---	---	---	---	---	---	---
MW-9	07/30/96	8.08	5.15	---	2.93	---	---	---	---	---	---	---	---	---	---	---
MW-9	11/04/96	8.08	6.75	0.01	1.34	---	---	---	---	---	---	---	---	---	---	---
MW-9	05/17/97	8.08	5.42	---	2.66	97000	---	16000	7700	2300	18400	40000	---	---	7.0	SPL
QC-1 (e)	05/17/97	---	---	---	---	97000	---	16000	8200	2300	17300	39000	---	---	---	SPL
MW-9	08/11/97	8.08	5.37	---	2.71	71000	---	12000	340	2100	4300	26000	---	---	9.1	SPL
QC-1 (e)	08/11/97	---	---	---	---	100000	---	14000	360	3200	5790	27000	---	---	---	SPL
MW-9	11/17/97	8.08	5.62	Sheen	2.46	100000	---	22000	4800	3100	17900	32000	---	---	8.3	SPL
QC-1 (e)	11/17/97	---	---	---	---	100000	---	24000	5300	3500	19300	35000	---	---	---	SPL
MW-9	01/29/98	8.08	4.07	Sheen	4.01	250000	---	20000	21000	3100	18500	110000	---	---	6.6	SPL
QC-1 (e)	01/29/98	---	---	---	---	250000	---	20000	20000	3100	18400	110000	---	---	---	SPL
MW-9	06/22/98	8.08	4.28	---	3.80	280000	---	21000	18000	3800	21200	110000	---	---	5.8	SPL
QC-1 (e)	06/22/98	---	---	---	---	290000	---	20000	17000	3800	21200	110000	---	---	---	SPL
MW-9	12/30/98	8.08	4.95	---	3.13	150000	---	10000	3800	2000	9600	86000/89000 (f)	---	---	---	SPL
MW-9	03/09/99	8.08	3.95	---	4.13	82000	---	6800	570	1400	4700	100000	---	---	---	SPL
MW-9	06/23/99	8.08	5.12	---	2.96	41000	---	11000	820	2300	5200	92000	---	---	---	SPL
MW-9	09/23/99	8.08	4.74	---	3.34	57000	---	12000	5400	1900	9500	89000	---	---	---	SPL
MW-9	12/28/99	8.08	4.58	---	3.50	46000	---	15000	490	2500	3500	100000	---	---	---	PACE
MW-9	03/22/00	8.08	3.90	---	4.18	86000	---	18000	1800	2300	6800	120000	---	---	---	PACE
MW-9	05/26/00	8.08	4.15	---	3.93	82000	---	17000	680	1800	3800	100000	---	---	---	PACE
MW-9	09/06/00	8.08	4.47	---	3.61	100000	---	19000	280	2400	6400	84000	---	---	---	PACE
MW-9	09/15/00	8.08	4.34	---	3.74	---	---	---	---	---	---	---	---	---	---	---
MW-9	12/11/00	8.08	4.41	---	3.67	110000	---	14400	768	2610	6670	123000	---	---	---	PACE
MW-9 (h)	03/29/01	8.08	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

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

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

ABBREVIATIONS:

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

NOTES:

- (a) Top of casing elevations surveyed relative to an established benchmark with an elevation of 8.11 feet above mean sea level
- (b) Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.
- (c) Detection limits vary; see laboratory report.
- (d) A copy of the documentation for this data is included in Appendix C of Alisto report 10-061-07-004.
- (e) Blind duplicate.
- (f) EPA Methods 8020/8260 used.
- (g) Travel blank.
- (h) Inaccessible.
- (i) Depth to water anomalous, not used in contouring.
- (j) MTBE results added to table in May, 2001 at the request of BP.

Analytical Appendix



Pace Analytical Services, Inc.

900 Gemini Avenue
Houston, TX 77058

Phone: 281.488.1810

Fax: 281.488.4661

April 11, 2001

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

RE: Lab Project Number: 8520666
Client Project ID: BP Site#11126

Dear Mr. Metzger:

Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 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: 8520666
Client Project ID: BP Site#11126

Attn: Mr. Aidan Metzger
Phone:

Lab Sample No: 851684763 Project Sample Number: 8520666-001 Date Collected: 03/29/01 14:05
Client Sample ID: A (11126) Matrix: Water Date Received: 03/31/01 09:30

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Fnote	Limit
------------	---------	-------	-----	----------	----------	---------	------	-------	-------

GC Volatiles

GAS by Mod 8015, Water		Method: EPA 8015 Modified		Prep Method: EPA 8015 Modified	
Gasoline Range Organics	750	ug/l	250	5.0	04/06/01 12:04 WRIC
1,4-Difluorobenzene (S)	112	%		1.0	04/06/01 12:04 WRIC
4-Bromofluorobenzene (S)	85	%		1.0	04/06/01 12:04 WRIC 460-00-4

SW8021 Aromatics, Water		Method: EPA 8021		Prep Method: See analytical meth	
Benzene	ND	ug/l	2.50	5.0	04/06/01 12:04 WRIC 71-43-2
Ethylbenzene	ND	ug/l	2.50	5.0	04/06/01 12:04 WRIC 100-41-4
Toluene	2.91	ug/l	2.50	5.0	04/06/01 12:04 WRIC 108-88-3
Xylene (Total)	11.8	ug/l	7.50	5.0	04/06/01 12:04 WRIC 1330-20-7
Methyl-tert-butyl ether	820.	ug/l	2.50	5.0	04/06/01 12:04 WRIC 1634-04-4
1,4-Difluorobenzene (S)	120	%		1.0	04/06/01 12:04 WRIC
4-Bromofluorobenzene (S)	90	%		1.0	04/06/01 12:04 WRIC 460-00-4

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8520666

Client Project ID: BP Site#11126

Lab Sample No: 851684764 Project Sample Number: 8520666-002 Date Collected: 03/29/01 14:24
Client Sample ID: B (11126) Matrix: Water Date Received: 03/31/01 09:30

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
------------	---------	-------	-----	----------	----------	---------	------	--------	-------

GC Volatiles

GAS by Mod 8015, Water		Method: EPA 8015 Modified		Prep Method: EPA 8015 Modified					
Gasoline Range Organics	600	ug/l	250	5.0	04/10/01 14:11	WRIC			
1,4-Difluorobenzene (S)	102	%		1.0	04/10/01 14:11	WRIC			
4-Bromofluorobenzene (S)	72	%		1.0	04/10/01 14:11	WRIC	460-00-4		

SW8021 Aromatics, Water		Method: EPA 8021		Prep Method: See analytical meth					
Benzene	ND	ug/l	2.50	5.0	04/10/01 14:11	WRIC	71-43-2		
Ethylbenzene	ND	ug/l	2.50	5.0	04/10/01 14:11	WRIC	100-41-4		
Toluene	ND	ug/l	2.50	5.0	04/10/01 14:11	WRIC	108-88-3		
Xylene (Total)	ND	ug/l	7.50	5.0	04/10/01 14:11	WRIC	1330-20-7		
Methyl-tert-butyl ether	636.	ug/l	2.50	5.0	04/10/01 14:11	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	104	%		1.0	04/10/01 14:11	WRIC			
4-Bromofluorobenzene (S)	72	%		1.0	04/10/01 14:11	WRIC	460-00-4		

Date: 04/11/01

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REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8520666

Client Project ID: BP Site#11126

Lab Sample No: 851684897 Project Sample Number: 8520666-003 Date Collected: 03/29/01 14:49
Client Sample ID: C (11126) Matrix: Water Date Received: 03/31/01 09:30

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Fnote	Limit
------------	---------	-------	-----	----------	----------	---------	------	-------	-------

Organics Prep

TPH in water by 418.1									
Total Petroleum Hydrocarbons	6.54	mg/l	1.00	1.0	04/09/01 18:00	CHAR			

GC Volatiles

GAS by Mod 8015, Water									
Gasoline Range Organics	650	ug/l	250	5.0	04/10/01 14:29	WRIC			
1,4-Difluorobenzene (S)	108	%		1.0	04/10/01 14:29	WRIC			
4-Bromofluorobenzene (S)	76	%		1.0	04/10/01 14:29	WRIC	460-00-4		

SW8021 Aromatics, Water									
Benzene	ND	ug/l	2.50	5.0	04/10/01 14:29	WRIC	71-43-2		
Ethylbenzene	ND	ug/l	2.50	5.0	04/10/01 14:29	WRIC	100-41-4		
Toluene	ND	ug/l	2.50	5.0	04/10/01 14:29	WRIC	108-88-3		
Xylene (Total)	ND	ug/l	7.50	5.0	04/10/01 14:29	WRIC	1330-20-7		
Methyl-tert-butyl ether	680.	ug/l	2.50	5.0	04/10/01 14:29	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	113	%		1.0	04/10/01 14:29	WRIC			
4-Bromofluorobenzene (S)	75	%		1.0	04/10/01 14:29	WRIC	460-00-4		

GC Semivolatiles

Diesel Components in Water									
DRO C10-C28	ND	ug/l	50.	1.0	04/05/01 09:01	FOSE			
Date Extracted					04/03/01				

Date: 04/11/01

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REPORT OF LABORATORY ANALYSIS

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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: 8520666

Client Project ID: BP Site#11126

PARAMETER FOOTNOTES

ND Not Detected
NC Not Calculable
PRL Pace Reporting Limit
(S) Surrogate

Date: 04/11/01

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REPORT OF LABORATORY ANALYSIS

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QC Batch: 50993
Analysis Method: EPA 8021
Associated Lab Samples: 851684763

Lab Project Number: 8520666

Client Project ID: BP Site#11126

QC Batch Method: See analytical meth

Analysis Description: SW8021 Aromatics, Water

METHOD BLANK: 851685534

Associated Lab Samples:

851684763

Parameter	Units	Method Blank Result	PRL	Footnotes
Benzene	ug/l	ND	0.5	
Ethylbenzene	ug/l	ND	0.5	
Toluene	ug/l	ND	0.5	
Xylene (Total)	ug/l	ND	1.5	
Methyl-tert-butyl ether	ug/l	ND	0.5	
1,4-Difluorobenzene (S)	%	94		
4-Bromofluorobenzene (S)	%	90		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851685536 851685537

Parameter	Units	851684757	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Benzene	ug/l	0	50.00	43.60	87	49.65	99	13	
Ethylbenzene	ug/l	0	50.00	45.08	90	54.18	108	18	
Toluene	ug/l	0	50.00	42.32	85	50.37	101	17	
Xylene (Total)	ug/l	0.2375	100.00	88.19	88	103.2	103	16	
Methyl-tert-butyl ether	ug/l	1.668	50.00	43.01	83	45.44	88	6	
1,4-Difluorobenzene (S)					98		98		
4-Bromofluorobenzene (S)					96		100		

LABORATORY CONTROL SAMPLE: 851685535

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Benzene	ug/l	50	47.24	94	
Ethylbenzene	ug/l	50	51.28	103	
Toluene	ug/l	50	47.85	96	
Xylene (Total)	ug/l	100	109.1	109	

Date: 04/11/01

Page: 5

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8520666

Client Project ID: BP Site#11126

LABORATORY CONTROL SAMPLE: 851685535

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Methyl-tert-butyl ether	ug/l	50	42.90	86	
1,4-Difluorobenzene (S)				99	
4-Bromofluorobenzene (S)				97	

REPORT OF LABORATORY ANALYSIS

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QC Batch: 50994
Analysis Method: EPA 8015 Modified
Associated Lab Samples: 851684763

Lab Project Number: 8520666
Client Project ID: BP Site#11126

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

METHOD BLANK: 851685538
Associated Lab Samples:

851684763

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Organics	ug/l	ND	50	
1,4-Difluorobenzene (S)	%	94		
4-Bromofluorobenzene (S)	%	85		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851685540 851685541

Parameter	Units	851684758	851685541 Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Organics	ug/l	59.83	1000.00	1027	97	917.9	86	11	
1,4-Difluorobenzene (S)					93		94		
4-Bromofluorobenzene (S)					110		103		

LABORATORY CONTROL SAMPLE: 851685539

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Organics	ug/l	1000	1027	103	
1,4-Difluorobenzene (S)				93	
4-Bromofluorobenzene (S)				96	

REPORT OF LABORATORY ANALYSIS

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QC Batch: 51090
Analysis Method: EPA 8021
Associated Lab Samples: 851684764

Lab Project Number: 8520666
Client Project ID: BP Site#11126
QC Batch Method: See analytical meth
Analysis Description: SW8021 Aromatics, Water
851684897

METHOD BLANK: 851685844
Associated Lab Samples:

Parameter	Units	851684764	851684897	PRL	Footnotes
			Method Blank Result		
Benzene	ug/l		ND	0.5	
Ethylbenzene	ug/l		ND	0.5	
Toluene	ug/l		ND	0.5	
Xylene (Total)	ug/l		ND	1.5	
Methyl-tert-butyl ether	ug/l		ND	0.5	
1,4-Difluorobenzene (S)	%		96		
4-Bromofluorobenzene (S)	%		92		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851685846 851685847

Parameter	Units	851685379		Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
		Conc.	Conc.						
Benzene	ug/l	0.1675	50.00	46.51	93	44.62	89	4	
Ethylbenzene	ug/l	0.1610	50.00	51.23	102	49.44	99	4	
Toluene	ug/l	0.1058	50.00	47.27	94	45.41	91	4	
Xylene (Total)	ug/l	0.4501	100.00	107.7	107	105.0	104	3	
Methyl-tert-butyl ether	ug/l	57.20	50.00	100.3	86	98.31	82	2	
1,4-Difluorobenzene (S)					99		99		
4-Bromofluorobenzene (S)					102		102		

LABORATORY CONTROL SAMPLE: 851685845

Parameter	Units	Spike	LCS	Spike	Footnotes
		Conc.	Result	% Rec	
Benzene	ug/l	50	51.67	103	
Ethylbenzene	ug/l	50	52.90	106	
Toluene	ug/l	50	52.81	106	
Xylene (Total)	ug/l	100	105.2	105	

Date: 04/11/01

Page: 8

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8520666

Client Project ID: BP Site#11126

LABORATORY CONTROL SAMPLE: 851685845

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Methyl-tert-butyl ether	ug/l	50	49.40	99	
1,4-Difluorobenzene (S)				101	
4-Bromofluorobenzene (S)				102	

REPORT OF LABORATORY ANALYSIS

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QC Batch: 50960
Analysis Method: TPH by EPA 8015M
Associated Lab Samples: 851684897

QC Batch Method:
Analysis Description: Diesel Components in Water

Lab Project Number: 8520666
Client Project ID: BP Site#11126

METHOD BLANK: 851685356
Associated Lab Samples:

851684897

Parameter	Units	Method Blank Result	PRL	Footnotes
DRO C10-C28	mg/l	ND	0.05	

LABORATORY CONTROL SAMPLE & LCSD: 851685357 851685358

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
DRO C10-C28	mg/l	0.5000	0.3818	76	0.3848	77	1	

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8520666

Client Project ID: BP Site#11126

QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

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

REPORT OF LABORATORY ANALYSIS

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CHAIN OF CUSTODY

CONSULTANT'S NAME Blaine Tech Services, Inc.		CONSULTANT'S ADDRESS 1680 Rogers Ave., San Jose CA 95112	
BP SITE NUMBER 11126	BP SITE / FACILITY ADDRESS 1700 Powell St., Emeryville		CONSULTANT PROJECT NUMBER 010329-FL
CONSULTANT PROJECT MANAGER Scott Boor		PHONE NUMBER (408) 573-0555 x 223	FAX NUMBER (408) 573-7771
BP CONTACT Scott Hooton		BP ADDRESS 295 SW 41st Street, Suite N, Renton WA	PHONE NUMBER (425) 251-0689
LAB CONTACT Pace - Paula Kirtley		LABORATORY ADDRESS 900 Gemini Ave., Houston, TX 77058	PHONE NUMBER (281) 488-1810
BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name)		RUSH REQUESTED OF (Print Consultant Contact Name)	DATE/TIME
			SHIPMENT DATE
			SHIPMENT METHOD

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

ANALYSIS REQUIRED

AIRBILL NUMBER

SAMPLE DESCRIPTION	COLLECTION DATE	COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS		PRESERVATIVE	TPH-G + BTEX / MTBE (8015M)	TPH-D (8015M)	FUEL OXYGENATES (8260)	1,2 DCA + EDB (8010)	TOG (418.1)							COMMENTS	
				NO.	TYPE (VOL)	LAB SAMPLE #													
A	3/29/01	1405	W	3	WVA	Hex	X												8510847603
B	↓	1424	↓	3	WVA	↓	X												↓ 64
C	↓	1449	↓	7	WVA	MTBE	X	X			X								↓ 4897

SAMPLED BY (Please Print Name) JEREMY BURNS			SAMPLED BY (Signature) <i>[Signature]</i>			ADDITIONAL COMMENTS		
RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME			
J. Burns / Airborne	3/30/01	1600	Airborne Express Christina Pinos/Pace	3/31/01	0930			

MTBE Data Request

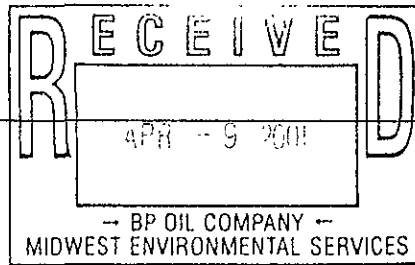
BP Project No: 11126 1700 Powell Street

sample date	sample source	field ID#	Lab ID #	analysis date
11/4/1992	mw1		700245800	11/11/1992
11/4/1992	mw2		700245818	11/11/1992
11/4/1992	mw3		700245826	11/11/1992
11/4/1992	mw4		700245834	11/11/1992
2/15/1994	mw1		700247330	2/19/1994
2/15/1994	mw2		700247349	2/19/1994
2/15/1994	mw3		700247357	2/21/1994
2/15/1994	mw4		700247322	2/19/1994
2/15/1994	mw5		700247306	2/21/1994
2/15/1994	mw6		700247314	2/19/1994
2/15/1994	mw7		700247292	2/19/1994
2/15/1994	mw8		700247284	2/19/1994
5/11/1994	mw1		700319056	5/17/1994
5/11/1994	mw2		700320348	5/16/1994
5/11/1994	mw3		700320356	5/19/1994
5/11/1994	mw4		700320364	5/16/1994
5/11/1994	mw5		700320372	5/16/1994
5/11/1994	mw6		700320380	5/16/1994
5/11/1994	mw7		700320399	5/16/1994
5/11/1994	mw8		700320402	5/16/1994
8/1/1994	mw1	s8	700364981	8/8/1994
8/1/1994	mw2	s7	700364973	8/8/1994
8/1/1994	mw3	s4	700364949	8/8/1994
8/1/1994	mw4	s5	700364957	8/8/1994
8/1/1994	mw5	s1	700364914	8/8/1994
8/1/1994	mw6	s3	700364930	8/8/1994
8/1/1994	mw7	s2	700364922	8/8/1994
8/1/1994	mw8	s6	700364965	8/8/1994



**Sequoia
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5-Apr-01

EPA 8020 Chromatogram Review

Site - 11126

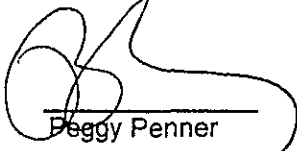
Pace Sample #	Matrix / Units	Sample ID	Date		Inst.	MTBE
			Sampled	Date Run		
70 0172578	Water / ug/L	MW-6	10/12/93	10/19/93	70-Q-6	44.4 ✓
70 0172586	Water / ug/L	MW-7	10/12/93	10/19/93	70-Q-6	<5.0 ✓
70 0172594	Water / ug/L	MW8	10/12/93	10/20/93	70-Q-6	11.1 ✓
70 0172608	Water / ug/L	MW-1	10/12/93	10/21/93	70-Q-6	6111 ✓
70 0172616	Water / ug/L	MW-2	10/12/93	10/21/93	70-Q-6	442 ✓
70 0172624	Water / ug/L	MW-4	10/12/93	10/20/93	70-Q-6	261 ✓
70 0172632	Water / ug/L	MW-3	10/12/93	10/20/93	70-Q-6	96.3 ✓
70 0172655	Water / ug/L	MW-5	10/12/93	10/21/93	*	* ✓
70 0427320	Water / ug/L	S1 MW-7	10/18/94	10/21/94	70-Q-1	51.7 ✓
70 0427339	Water / ug/L	S2 MW-6	10/18/94	10/21/94	70-Q-1	84.6 ✓
70 0427347	Water / ug/L	S3 MW-3	10/18/94	10/21/94	70-Q-1	21 ✓
70 0427355	Water / ug/L	S4 MW-4	10/18/94	10/24/94	70-Q-1	197 ✓
70 0427363	Water / ug/L	S5 MW-8	10/18/94	10/24/94	70-Q-1	<5.0 ✓
70 0427371	Water / ug/L	S6 MW-2	10/18/94	10/25/94	70-Q-1	2417 ✓ **
70 0427380	Water / ug/L	S7 MW-5	10/18/94	10/25/94	70-Q-1	559 ✓
70 0427398	Water / ug/L	S8 MW-1	10/18/94	10/25/94	70-Q-1	15668 ✓ **

* 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.

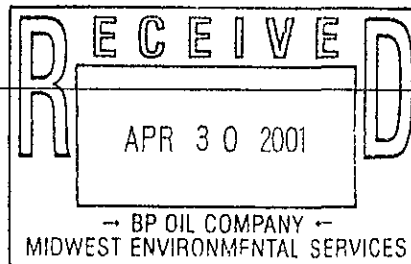
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Peggy Penner
Laboratory Director





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



24-Apr-01

EPA 8020 Chromatogram Review

Site - 11126

Pace Sample #	Matrix / Units	Sample ID	Date			MTBE /
			Sampled	Date Run	Inst.	
70 0247284	Water / ug/L	MW8	2/15/94	2/19/94	70-Q-5	<5.0 ✓
70 0247292	Water / ug/L	MW7	2/15/94	2/19/94	70-Q-5	<5.0 ✓
70 0247306	Water / ug/L	MW5	2/15/94	2/21/94	70-Q-5	153 ✓
70 0247314	Water / ug/L	MW6	2/15/94	2/19/94	70-Q-5	38.1 ✓ *
70 0247322	Water / ug/L	MW4	2/15/94	2/19/94	70-Q-5	118 ✓
70 0247330	Water / ug/L	MW1	2/15/94	2/19/94	70-Q-1Lease	5495 ✓
70 0247349	Water / ug/L	MW2	2/15/94	2/19/94	70-Q-1Lease	127 ✓
70 0247357	Water / ug/L	MW3	2/15/94	2/21/94	70-Q-1Lease	30.1 ✓
70 0319056	Water / ug/L	MW1	5/11/94	5/17/94	70-Q-5	705 ✓
70 0320348	Water / ug/L	MW2	5/11/94	5/16/94	70-Q-8	953 ✓
70 0320356	Water / ug/L	MW3	5/11/94	5/19/94	70-Q-8	51 ✓
70 0320364	Water / ug/L	MW4	5/11/94	5/16/94	70-Q-8	137 ✓
70 0320372	Water / ug/L	MW5	5/11/94	5/16/94	70-Q-8	165 ✓
70 0320380	Water / ug/L	MW6	5/11/94	5/16/94	70-Q-8	48.5 ✓
70 0320399	Water / ug/L	MW7	5/11/94	5/16/94	70-Q-8	11.5 ✓
70 0320402	Water / ug/L	MW8	5/11/94	5/16/94	70-Q-8	<5.0 ✓
70 0364914	Water / ug/L	MW5	8/1/94	8/8/94	70-Q-8	196 ✓
70 0364922	Water / ug/L	MW7	8/1/94	8/8/94	70-Q-8	182 ✓
70 0364930	Water / ug/L	MW6	8/1/94	8/8/94	70-Q-8	59.6 ✓
70 0364949	Water / ug/L	MW3	8/1/94	8/8/94	70-Q-8	17.6 ✓
70 0364957	Water / ug/L	MW4	8/1/94	8/8/94	70-Q-8	138 ✓
70 0364965	Water / ug/L	MW8	8/1/94	8/8/94	70-Q-8	<5.0 ✓
70 0364973	Water / ug/L	MW2	8/1/94	8/8/94	70-Q-8	1676 ✓
70 0364981	Water / ug/L	MW1	8/1/94	8/8/94	70-Q-1	9718 ✓ **

The chromatograms for the following sampling dates has been destroyed:
November 4, 1992

* The result reported for this sample is below the calibration limit.

** The result for this 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.





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Peggy Penner
Laboratory Director



Field Data Sheets

WELL GAUGING DATA

Project # 010829-F2 Date 3/24/07 Client BP-1186

Site 1700 Powell St, Emeryville

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB of TOC	
MW-1			WELL INACCESSIBLE DUE TO CONSTRUCTION						
MW-2	—	u	—————						
3 MW-3	2					5.04	11.87	↓	
MW-4			WELL INACCESSIBLE DUE TO CONSTRUCTION						
4 MW-5			WELL INACCESSIBLE - PAVED OVER —————						
1 MW-6						5.34	13.41		
2 MW-7						5.24	13.83		
MW-8			WELL INACCESSIBLE DUE TO CONSTRUCTION						
MW-9	—	u	—————						

BP WELL MONITORING DATA SHEET

Project #: 010329-F2	Station # 11126
Sampler: J. ALMY / HANIC	Date: 3/29/01
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8 _____
Total Well Depth:	Depth to Water:
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 ² * 0.163

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
WELL INACCESSIBLE DUE TO CONSTRUCTION					

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: 3/29/01

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

BP WELL MONITORING DATA SHEET

Project #: <u>010329-F2</u>	Station # <u>1126</u>
Sampler: <u>J. Remy / HANIK</u>	Date: <u>3/29/01</u>
Well I.D.: <u>MW-3</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>11.87</u>	Depth to Water: <u>5.04</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 ² * 0.163

Purge Method:

Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port

Other: _____

Other: _____

<u>1.1</u>	X	<u>3</u>	=	<u>3.3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1444	65.7	7.6	2172	1.25	
1445	65.7	7.5	1903	2.50	
1446	65.5	7.5	1818	3.50	

Did well dewater? Yes No Gallons actually evacuated: 3.50

Sampling Time: 1449 Sampling Date: 3/29/01

Sample I.D. (Blind): C Laboratory: Pace Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: TOG

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>010329-F2</u>	Station # <u>1126</u>
Sampler: <u>J. [unclear] / [unclear]</u>	Date: <u>3/29/01</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
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 ² * 0.163

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

Other: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>WELL INACCESSIBLE DUE TO CONSTRUCTION</u>					

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: 3/29/01

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

BP WELL MONITORING DATA SHEET

Project #: <u>010329-F2</u>	Station # <u>1126</u>
Sampler: <u>JERRY / HANK</u>	Date: <u>3/29/01</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
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 ² * 0.163

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>WELL INACCESSIBLE - PAVED OVER</u>					

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: 3/29/01

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

BP WELL MONITORING DATA SHEET

Project #: 010329-F2	Station # 11126
Sampler: J. ARMY / HANIK	Date: 3/29/01
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8
Total Well Depth: 13.41	Depth to Water: 5.34
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

Other: _____

<u>1.3</u>	X	<u>3</u>	=	<u>3.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1358	66.4	7.4	2850	1.5	
1359	66.3	7.5	2848	3.0	
1402	66.0	7.8	2788	4.0	

Did well dewater? Yes No

Gallons actually evacuated: 4.0

Sampling Time: 1405

Sampling Date: 3/29/01

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 #: 010329-F2	Station # 11126
Sampler: DISPOSABLE / HANIC	Date: 3/29/01
Well I.D.: MW-7	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 13.83	Depth to Water: 5.24
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 ² * 0.163

Purge Method:

Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port

Other: _____

Other: _____

<u>1.4</u>	X	<u>3</u>	=	<u>4.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1417	65.6	7.5	2662	1.5	
1419	66.1	7.5	2593	3.0	
1421	66.0	7.5	2501	4.5	

Did well dewater? Yes No

Gallons actually evacuated: 4.5

Sampling Time: 1424

Sampling Date: 3/29/01

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 #: <u>010329-F2</u>	Station # <u>1126</u>
Sampler: <u>J. Remy / HANIC</u>	Date: <u>3/29/01</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 4 6 8 _____
Total Well Depth:	Depth to Water:
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 ² * 0.163

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>WELL INACCESSIBLE DUE TO CONSTRUCTION</u>					
Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Gallons actually evacuated: _____			
Sampling Time: _____		Sampling Date: <u>3/29/01</u>			
Sample I.D. (Blind): _____		Laboratory: <u>Pace</u> Other: _____			
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D		Other: _____			
D.O. (if req'd):		Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):		Pre-purge:	mV	Post-purge:	mV

BP WELL MONITORING DATA SHEET

Project #: <u>010329-F2</u>	Station # <u>1126</u>
Sampler: <u>JERRY / HANIC</u>	Date: <u>3/29/01</u>
Well I.D.: <u>MW-9</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
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 ² * 0.163

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>WELL INACCESSIBLE DUE TO CONSTRUCTION</u>					

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: _____ Sampling Date: 3/29/01

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