bp

Scott T. Hooton
Portfolio Manager

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

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

May 11, 2001

Mr. Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

MAY 2 2 2001

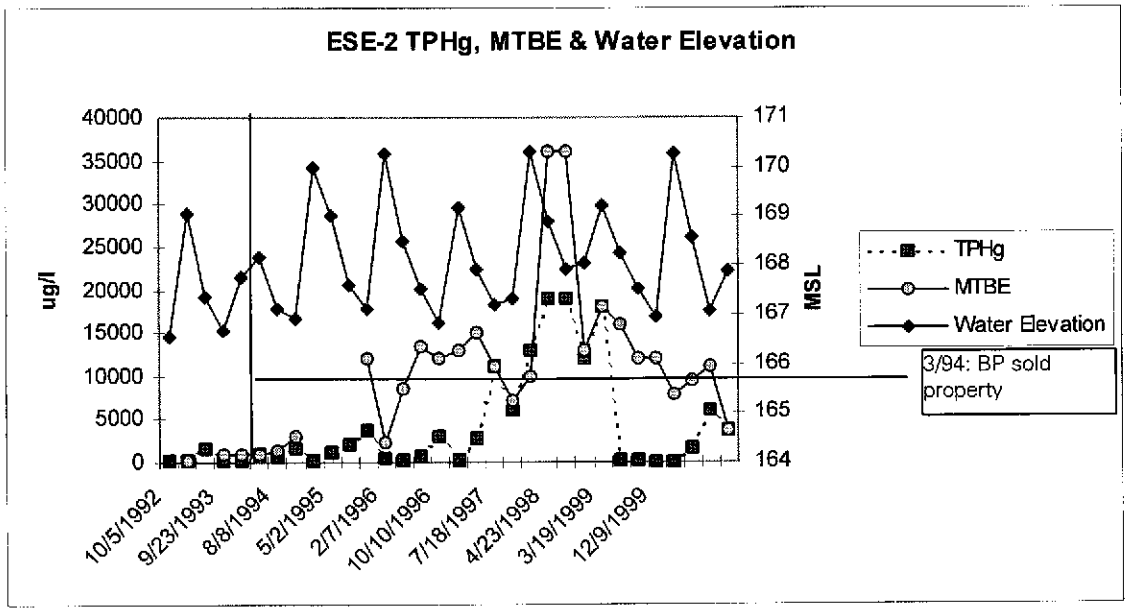
Re: Former BP Oil site No. 11105
3159 Castro Valley Boulevard
Castro Valley, CA

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

Dear Mr. Seery:

Enclosed find the 21 March 2001 *First Quarter 2001 Groundwater Monitoring* report prepared by Blaine Tech Services on behalf of BP. The report summarizes monitoring data obtained since 1992, including the results for samples recently obtained on 21 March 2001.

It is noted that petroleum hydrocarbons were reported to be present in the soil and groundwater at this site at the time the property was sold during 1994. Concentrations detected since that time have increased and raise the concern that petroleum releases have occurred subsequent to BP's operation of the facility. To illustrate the basis for BP's concern, water elevation data, together with MTBE and TPHg concentration data for well ESE-2 is depicted below.



In contrast to the ESE-1 and ESE-2 data, well ESE-5 shows decreasing TPHg concentrations. Well ESE-5 is located south of a former dispenser island, and west of Redwood Road and the XTRA retail gasoline outlet.

Please contact me at (425) 251-0689 if you have any questions or concerns regarding this submittal.

Sincerely,

Scott Hooton

Attachment

cc: site file
A. Fagorala - RWQCB-SFBR
Mr. Azim Shakoori, Castro Valley Chevron, 3519 Castro Valley Boulevard, Castro Valley, CA 94546 (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

April 26, 2001

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

1st Quarter 2001 Monitoring at 11105

First Quarter 2001 Groundwater Monitoring at
BP Service Station Number 11105
3519 Castro Valley Blvd.
Castro Valley, CA

Monitoring Performed on March 21, 2001

Groundwater Sampling Report **010321-N-1**

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

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

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater elevation calculations taken from the computer plotted gradient map, which is located in the **Professional Engineering Appendix**.

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

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

Please call if you have any questions.

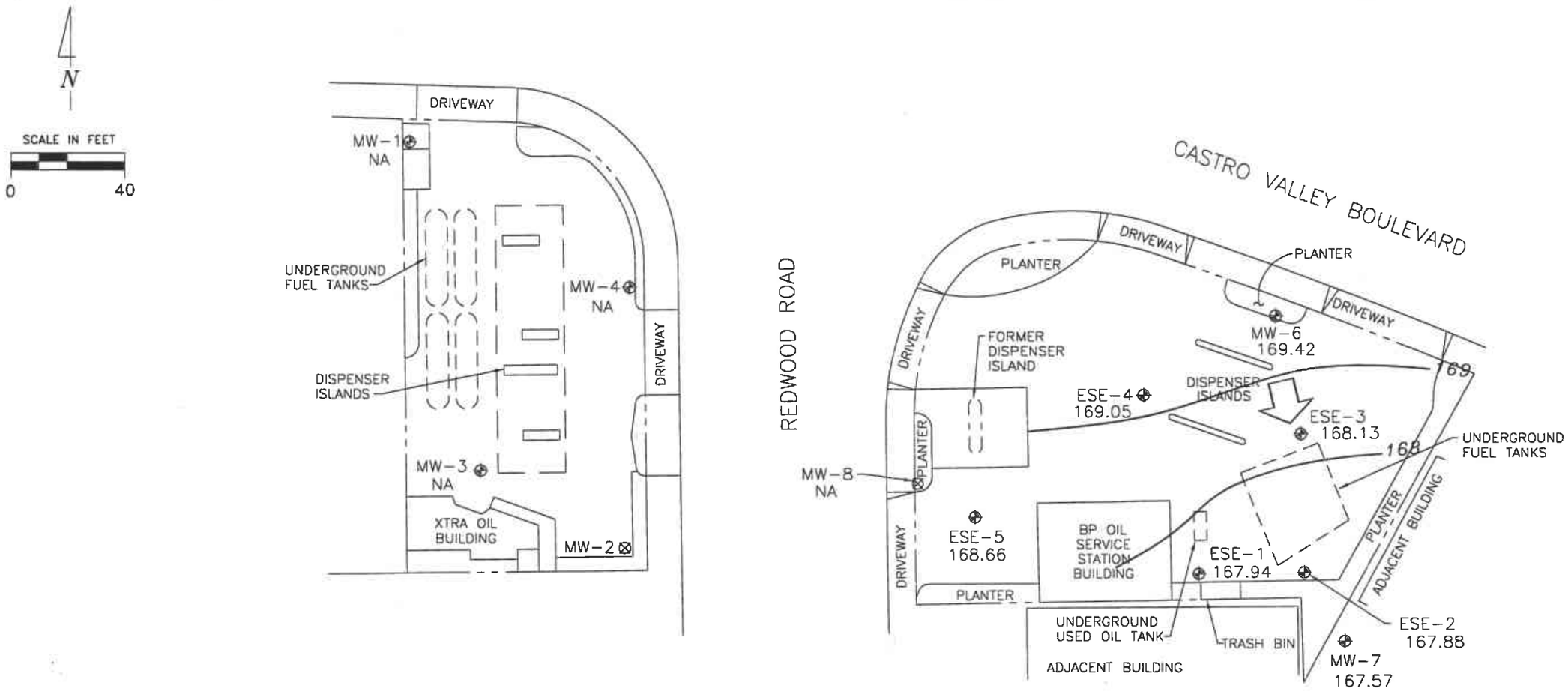
Yours truly,

Francis Thie
Vice President

FPT/ks

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

Professional Engineering Appendix



EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- ⊗ DESTROYED WELL
- 168.66 GROUNDWATER ELEVATION (FT, MSL)
- 169 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- NA DATA NOT AVAILABLE
- ⇩ APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.01

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

Ref. 11105bm1.dwg
Basemap from Alisto Engineering Group

PREPARED BY
RRM
engineering contracting firm

GROUNDWATER ELEVATION CONTOUR MAP, MARCH 21, 2001

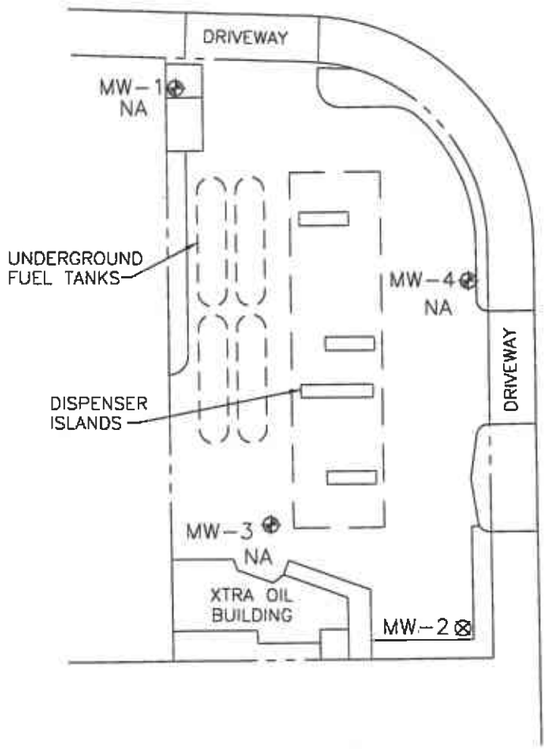
BP Oil Service Station No. 11105
3519 Castro Valley Boulevard
Castro Valley, California

FIGURE: 1
PROJECT: DAC04

N

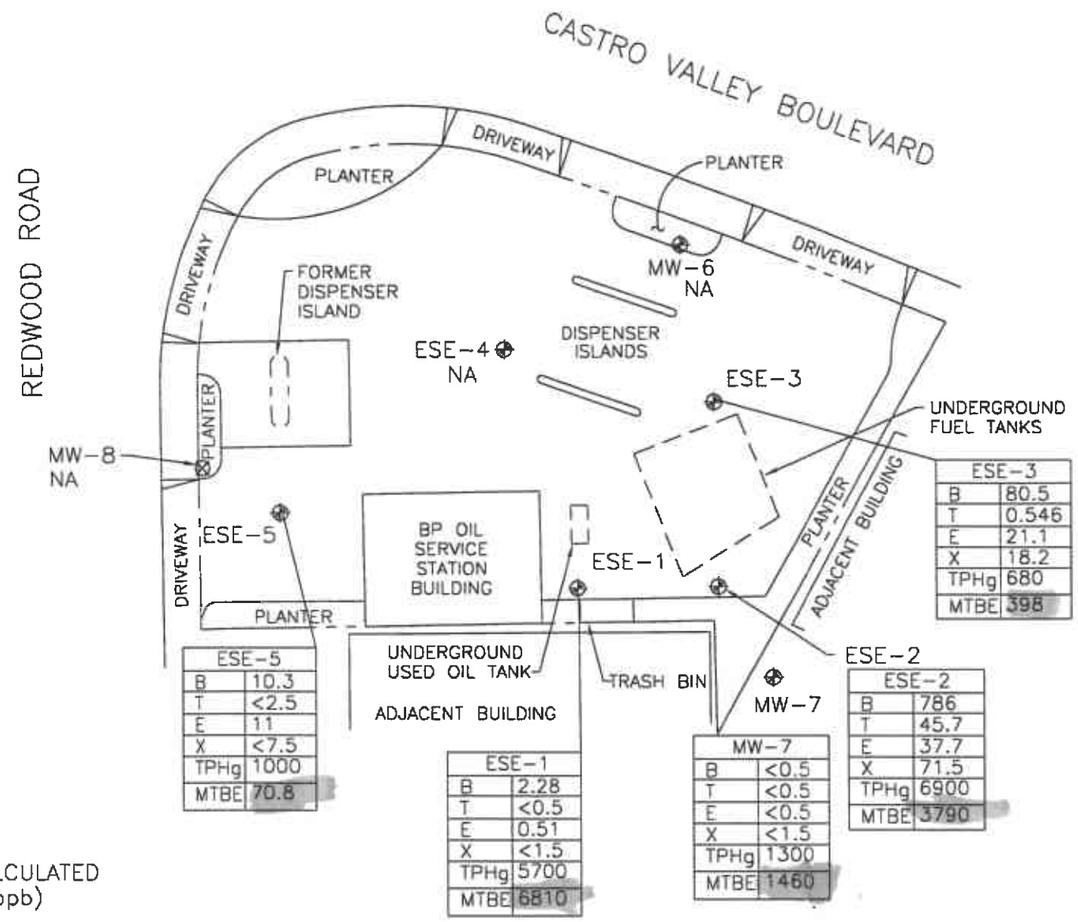
SCALE IN FEET

0 40



REDWOOD ROAD

CASTRO VALLEY BOULEVARD



ESE-5	
B	10.3
T	<2.5
E	11
X	<7.5
TPHg	1000
MTBE	70.8

ESE-1	
B	2.28
T	<0.5
E	0.51
X	<1.5
TPHg	5700
MTBE	6810

MW-7	
B	<0.5
T	<0.5
E	<0.5
X	<1.5
TPHg	1300
MTBE	1460

ESE-3	
B	80.5
T	0.546
E	21.1
X	18.2
TPHg	680
MTBE	398

ESE-2	
B	786
T	45.7
E	37.7
X	71.5
TPHg	6900
MTBE	3790

EXPLANATION

⊕	GROUNDWATER MONITORING WELL
⊗	DESTROYED WELL
TPHg	TOTAL PETROLEUM HYDROCARBON CALCULATED AS GASOLINE IN PARTS PER BILLION (ppb)
B	BENZENE, ppb
T	TOLUENE, ppb
E	ETHYLBENZENE, ppb
X	XYLENE, ppb
MTBE	METHYL-TERT-BUTYL-ETHER, ppb
NA	DATA NOT AVAILABLE

Ref. 11105btex.dwg
Basemap from Alisto Engineering Group

PREPARED BY
RRM
engineering contracting firm

HYDROCARBON CONCENTRATION MAP, MARCH 21, 2001

BP Oil Service Station No. 11105
3519 Castro Valley Boulevard
Castro Valley, 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)	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
ESE-1 (c)	10/05/92	177.69	11.22	166.47	2100	370	150	17	110	---	---	---
ESE-1D (d)	10/05/92	---	---	---	2300	370	160	16	110	---	---	---
ESE-1	04/01/93	177.69	8.79	168.90	5900	1500	410	110	390	---	---	PACE
ESE-1	06/29/93	177.69	10.34	167.35	7600	2900	390	130	460	---	---	PACE
ESE-1	09/23/93	177.69	10.91	166.78	2000	490	40	20	56	600 (e)	---	PACE
QC-1 (d)	09/23/93	---	---	---	1500	420	39	19	56	550 (e)	---	PACE
ESE-1	12/10/93	177.69	9.93	167.76	1800	480	42	19	66	921 (e)	3.2	PACE
QC-1 (d)	12/10/93	---	---	---	1500	380	38	17	55	770 (e)	---	PACE
ESE-1	02/17/94	177.69	9.64	168.05	1900	380	48	24	80	590 (e)	---	PACE
QC-1 (d)	02/17/94	---	---	---	2200	430	42	19	65	680 (e)	---	PACE
ESE-1	08/08/94	177.69	11.72	165.97	2100	450	46	16	50	760 (e)	5.1	PACE
ESE-1	10/12/94	177.69	10.48	167.21	760	240	16	51	39	230 (e)	3.5	PACE
ESE-1	01/19/95	177.69	7.77	169.92	840	600	120	22	58	---	8.0	ATI
ESE-1	05/02/95	177.69	8.69	169.00	2000	640	67	24	98	---	8.5	ATI
ESE-1	07/28/95	177.69	10.12	167.57	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	7.9	ATI
ESE-1	11/17/95	177.69	10.57	167.12	200	3.4	ND<1.0	1	ND<2.0	600	7.7	ATI
ESE-1	02/07/96	177.69	7.41	170.28	750	370	23	21	64	680	2.5	SPL
ESE-1	04/23/96	177.69	9.12	168.57	310	100	ND<1	ND<1	ND<1	1500	6.3	SPL
ESE-1	07/09/96	177.69	10.12	167.57	730	230	74	13	63	750	2.9	SPL
ESE-1	10/10/96	177.69	10.80	166.89	420	26	1.6	7.3	12	430	7.4	SPL
ESE-1	01/20/97	177.69	8.52	169.17	660	290	4.2	13	36	450	5.9	SPL
ESE-1	04/25/97	177.69	9.77	167.92	410	ND<0.5	ND<1.0	ND<1.0	ND<1.0	580	5.3	SPL
ESE-1	07/18/97	177.69	10.55	167.14	420	ND<0.5	ND<1.0	ND<1.0	ND<1.0	370	5.0	SPL
ESE-1	10/27/97	177.69	10.36	167.33	300	56	ND<1.0	6.5	ND<1.0	220	4.8	SPL
ESE-1	01/22/98	177.69	7.52	170.17	4200	440	9	15	17.7	1300	4.2	SPL
ESE-1	04/23/98	177.69	8.80	168.89	15000	3400	190	910	900	4900	4.2	SPL
QC-1	04/23/98	---	---	---	15000	2800	140	730	730	4400	---	SPL
ESE-1	07/29/98	177.69	9.73	167.96	---	---	---	---	---	---	---	---
ESE-1	07/30/98	---	---	---	15000	ND<2.5	ND<5.0	ND<5.0	ND<5.0	15000	4.0	SPL
ESE-1	12/17/98	177.69	9.51	168.18	2400	73	1.0	2.8	4.6	2000/2500*	---	SPL
ESE-1	03/19/99	177.69	8.65	169.04	4700	58	ND<1.0	ND>1.0	ND<1.0	4700	---	SPL
ESE-1	06/23/99	177.69	10.51	167.18	600	170	ND<1.0	7.2	5.0	3900	---	SPL
ESE-1	09/27/99	177.69	10.32	167.37	920	200	ND<25	ND<25	ND<25	4900	---	SPL
ESE-1	12/09/99	177.69	10.24	167.45	460	130	1.2	5.2	1.5	5100	---	PACE
ESE-1	03/09/00	177.69	7.72	169.97	3000 (j)	1300	120	80	140	7300	---	PACE
ESE-1	06/08/00	177.69	9.40	168.29	2900	540	9.7	20	17	5200	---	PACE
ESE-1	09/18/00	177.69	10.05	167.64	890	3.4	ND<0.5	1.4	ND<0.5	2800	---	PACE
ESE-1	12/14/00	177.69	8.20	169.49	1600	11.1	ND<0.5	ND<0.5	ND<0.5	2730	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (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
ESE-1	03/21/01	177.69	9.75	167.94	5700	2.28	ND<0.5	0.51	ND<1.5	6810	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (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
ESE-2		10/05/92	178.23	11.68	166.55	300	5.4	16	3.9	45	---		---	---
ESE-2		04/01/93	178.23	9.17	169.06	240	27	ND<0.5	17	2.6	123	(e)	---	PACE
ESE-2		06/29/93	178.23	10.88	167.35	1700	260	24	110	23	---		---	PACE
QC-1	(d)	06/29/93	---	---	---	1300	240	17	110	25	---		---	PACE
ESE-2		09/23/93	178.23	11.56	166.67	240	3.1	0.5	0.6	2.5	900	(e)	---	PACE
ESE-2		12/10/93	178.23	10.48	167.75	250	2.4	2.4	1.5	11	940	(e)	2.6	PACE
ESE-2		02/17/94	178.23	10.06	168.17	900	ND<0.5	ND<0.5	ND<0.5	ND<0.5	930	(e)	---	PACE
ESE-2		08/08/94	178.23	11.11	167.12	750	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1400	(e)	5.1	PACE
ESE-2		10/12/94	178.23	11.31	166.92	1700	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3000	(e)	3.6	PACE
ESE-2		01/19/95	178.23	8.25	169.98	300	2	0.9	0.7	1	---		8.1	ATI
ESE-2		05/02/95	178.23	9.21	169.02	1200	4	ND<2.5	ND<2.5	ND<5.0	---		8.4	ATI
ESE-2		07/28/95	178.23	10.64	167.59	2000	ND<2.5	ND<2.5	ND<2.5	ND<5.0	---		7.7	ATI
ESE-2		11/17/95	178.23	11.13	167.10	3600	ND<25	ND<25	ND<25	ND<50	12000		7.4	ATI
QC-1	(d)	11/17/95	---	---	---	3400	ND<25	ND<25	ND<25	ND<50	12000		---	ATI
ESE-2		02/07/96	178.23	7.94	170.29	450	ND<0.5	ND<1	ND<1	ND<1	2300		1.8	SPL
ESE-2		04/23/96	178.23	9.73	168.50	260	0.9	ND<1	ND<1	ND<1	8600		7.2	SPL
ESE-2		07/09/96	178.23	10.70	167.53	780	ND<2.5	ND<5	ND<5	ND<5	13393		3.0	SPL
ESE-2		10/10/96	178.23	11.39	166.84	2900	ND<0.5	ND<1.0	ND<1.0	ND<1.0	12000		7.0	SPL
ESE-2		01/20/97	178.23	9.04	169.19	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	13000		6.2	SPL
ESE-2		04/25/97	178.23	10.31	167.92	2700	ND<0.5	ND<1.0	ND<1.0	ND<1.0	15000		5.9	SPL
ESE-2		07/18/97	178.23	11.02	167.21	11000	ND<5	ND<10	ND<10	ND<10	11000		5.0	SPL
ESE-2		10/27/97	178.23	10.93	167.30	6100	ND<2.5	ND<5.0	ND<5.0	ND<5.0	7100		4.8	SPL
QC-1	(d)	10/27/97	---	---	---	6600	ND<2.5	ND<5.0	ND<5.0	ND<5.0	7400		---	SPL
ESE-2		01/22/98	178.23	7.93	170.30	13000	ND<0.5	ND<1.0	ND<1.0	ND<1.0	10000		4.6	SPL
QC-1	(d)	01/22/98	---	---	---	13000	ND<0.5	ND<1.0	ND<1.0	ND<1.0	10000		---	SPL
ESE-2		04/23/98	178.23	9.34	168.89	19000	ND<5	ND<10	ND<10	ND<10	36000		4.2	SPL
ESE-2		07/29/98	178.23	10.29	167.94	---	---	---	---	---	---		---	---
ESE-2		07/30/98	---	---	---	19000	ND<5	ND<10	ND<10	ND<10	36000		4.2	SPL
ESE-2		12/17/98	178.23	10.20	168.03	12000	ND<5.0	ND<5.0	ND<5.0	ND<5.0	13000/17000*		---	SPL
ESE-2		03/19/99	178.23	9.02	169.21	18000	160	ND<1.0	ND<1.0	ND<1.0	18000		---	SPL
ESE-2		06/23/99	178.23	9.99	168.24	280	ND<1.0	ND<1.0	ND<1.0	ND<1.0	16000		---	SPL
ESE-2		09/27/99	178.23	10.69	167.54	ND<500	ND<25	ND<25	ND<25	ND<25	12000		---	SPL
ESE-2		12/09/99	178.23	11.26	166.97	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.6	12000		---	PACE
ESE-2		03/09/00	178.23	7.95	170.28	ND<50	1.6	ND<0.5	ND<0.5	ND<0.5	7900		---	PACE
ESE-2		06/08/00	178.23	9.66	168.57	1600	ND<0.5	0.73	ND<0.5	2.2	9400		---	PACE
ESE-2	(k)	09/18/00	178.23	---	---	---	---	---	---	---	---		---	---
ESE-2		12/14/00	178.23	11.15	167.08	6000	0.75	ND<0.5	ND<0.5	ND<0.5	11200		---	PACE
ESE-2		03/21/01	178.23	10.35	167.88	6900	786	45.7	37.7	71.5	3790		---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (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
ESE-3	10/05/92	178.20	10.58	167.62	430	57	31	3.6	34	---	---	---
ESE-3	04/01/93	178.20	8.14	170.06	2400	460	220	74	210	---	---	PACE
ESE-3	06/29/93	178.20	9.72	168.48	280	56	14	15	13	---	---	PACE
ESE-3	09/23/93	178.20	10.46	167.74	72	13	3.5	1.7	4.1	---	---	PACE
ESE-3	12/10/93	178.20	9.30	168.90	270	71	32	6.1	33	---	2.7	PACE
ESE-3	02/17/94	178.20	8.97	169.23	520	140	10	20	33	---	---	PACE
ESE-3	08/08/94	178.20	10.02	168.18	ND<50	8.8	1.6	1.6	2.3	---	6.2	PACE
ESE-3	10/12/94	178.20	10.32	167.88	470	190	6.4	15	18	---	3.5	PACE
ESE-3	01/19/95	178.20	7.40	170.80	330	260	27	21	20	---	6.7	ATI
ESE-3	05/02/95	178.20	8.26	169.94	530	180	30	23	44	---	8.6	ATI
ESE-3	07/28/95	178.20	9.54	168.66	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	8.8	ATI
ESE-3	11/17/95	178.20	10.04	168.16	ND<50	1.7	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.3	ATI
ESE-3	02/07/96	178.20	7.08	171.12	ND<50	8.6	ND<1	ND<1	ND<1	ND<10	3.9	SPL
ESE-3	04/23/96	178.20	8.79	169.41	ND<50	7.6	ND<1	ND<1	ND<1	65	6.9	SPL
ESE-3	07/09/96	178.20	10.09	168.11	ND<50	12	2.6	2	3.9	26	3.4	SPL
ESE-3	10/10/96	178.20	10.48	167.72	---	---	---	---	---	---	---	---
ESE-3	10/11/96	178.20	---	---	260	140	ND<1.0	ND<1.0	2.6	ND<10	7.2	SPL
ESE-3	01/20/97	178.20	8.65	169.55	ND<50	1.5	1.7	ND<1.0	ND<1.0	14	5.7	SPL
ESE-3	04/25/97	178.20	10.02	168.18	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	14	5.4	SPL
ESE-3	07/18/97	178.20	10.66	167.54	10000	1400	1400	300	1280	ND<250	5.2	SPL
ESE-3	10/27/97	178.20	9.83	168.37	ND<250	ND<2.5	ND<5.0	ND<5.0	36	ND<50	5.0	SPL
ESE-3	01/22/98	178.20	7.06	171.14	130	ND<0.5	ND<1.0	ND<1.0	ND<1.0	120	4.3	SPL
ESE-3	04/23/98	178.20	8.44	169.76	4800	560	ND<10	15	ND<10	4000	3.9	SPL
ESE-3	07/29/98	178.20	9.27	168.93	---	---	---	---	---	---	---	---
ESE-3	07/30/98	---	---	---	1800	6.2	ND<5.0	ND<5.0	ND<5.0	1700	4.1	SPL
ESE-3	12/17/98	178.20	9.15	169.05	600	54	ND<1.0	2.1	4.9	340/480*	---	SPL
ESE-3	03/19/99	178.20	8.14	170.06	2000	260	4.4	13	28	870	---	SPL
ESE-3	06/23/99	178.20	9.44	168.76	290	91	ND<1.0	8.3	16	240	---	SPL
ESE-3	09/27/99	178.20	9.69	168.51	130	35	ND<1.0	2.7	3.8	100	---	SPL
ESE-3	12/09/99	178.20	10.99	167.21	380	84	1.7	8.7	6.3	160	---	PACE
ESE-3	03/09/00	178.20	7.12	171.08	950	190	4.6	39	62	350	---	PACE
ESE-3	06/08/00	178.20	10.92	167.28	300	37	ND<0.5	2.3	1.3	400	---	PACE
ESE-3	09/18/00	178.20	11.12	167.08	920	140	1.3	15	4.8	170	---	PACE
ESE-3	12/14/00	178.20	9.70	168.50	320	64	ND<0.5	6.24	1.76	201	---	PACE
ESE-3	03/21/01	178.20	10.07	168.13	680	80.5	0.546	21.1	18.2	398	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (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
ESE-4	10/05/92	177.73	10.33	167.40	98	7.2	1.3	1.1	6.1	---	---	---
ESE-4	04/01/93	177.73	7.88	169.85	550	93	20	23	33	---	---	PACE
ESE-4	06/29/93	177.66 (f)	8.33	169.33	150	23	0.6	5.4	0.5	54 (e)	---	PACE
ESE-4	09/23/93	177.66	10.05	167.61	110	14	1.7	3.2	4.6	---	---	PACE
ESE-4	12/10/93	177.66	8.95	168.71	110	21	7.2	4.2	10	---	2.8	PACE
ESE-4	02/17/94	177.66	8.65	169.01	210	26	1.2	4.7	11	110 (e)	---	PACE
ESE-4	08/08/94	177.66	9.76	167.90	76	9.6	ND<0.5	2	ND<0.5	62 (e)	7.0	PACE
ESE-4	10/12/94	177.66	9.62	168.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	44 (e)	3.2	PACE
ESE-4	01/19/95	177.66	6.97	170.69	140	56	14	24	23	---	6.9	ATI
ESE-4	05/02/95	177.66	7.85	169.81	130	21	2.8	8.6	8.2	---	9.1	ATI
ESE-4	07/28/95	177.66	9.20	168.46	ND<50	ND<0.5	ND<0.50	ND<0.50	ND<1.0	---	8.1	ATI
ESE-4	11/17/95	177.66	9.68	167.98	ND<50	ND<0.5	0.6	ND<0.50	ND<1.0	18	5.7	ATI
ESE-4	02/07/96	177.66	6.59	171.07	100	2.6	ND<1	1.6	4.1	42	2.0	SPL
ESE-4	04/23/96	177.66	8.30	169.36	160	37	15	16	31	43	5.4	SPL
ESE-4	07/09/96	177.66	9.21	168.45	60	17	1.5	6.8	11.6	27	3.9	SPL
ESE-4	10/10/96	177.66	9.97	167.69	---	---	---	---	---	---	---	---
ESE-4	10/11/96	177.66	---	---	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	18	5.5	SPL
ESE-4	01/20/97	177.66	7.68	169.98	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	130	4.9	SPL
ESE-4	04/25/97	177.66	9.15	168.51	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	4.3	SPL
ESE-4	07/18/97	177.66	9.71	167.95	ND<50	15	ND<10	ND<10	ND<10	ND<100	4.5	SPL
ESE-4	10/27/97	177.66	9.38	168.28	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	4.9	SPL
ESE-4	01/22/97	177.66	6.59	171.07	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.3	SPL
ESE-4	04/23/98	177.66	7.90	169.76	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	4.0	SPL
ESE-4	07/29/98	177.66	8.96	168.70	---	---	---	---	---	---	---	---
ESE-4	07/30/98	---	---	---	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.2	SPL
ESE-4	12/17/98	177.66	8.32	169.34	---	---	---	---	---	---	---	---
ESE-4	03/19/99	177.66	7.71	169.95	---	---	---	---	---	---	---	---
ESE-4	06/23/99	177.66	8.78	168.88	---	---	---	---	---	---	---	---
ESE-4	09/27/99	177.66	9.27	168.39	---	---	---	---	---	---	---	---
ESE-4	12/09/99	177.66	9.21	168.45	---	---	---	---	---	---	---	---
ESE-4	03/09/00	177.66	6.82	170.84	---	---	---	---	---	---	---	---
ESE-4	06/08/00	177.66	8.72	168.94	---	---	---	---	---	---	---	---
ESE-4	09/18/00	177.66	9.02	168.64	---	---	---	---	---	---	---	---
ESE-4	12/14/00	177.66	8.61	169.05	---	---	---	---	---	---	---	---
ESE-4	03/21/01	177.66	8.61	169.05	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (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
ESE-5	10/05/92	176.08	9.22	166.86	1300	200	3.8	1.2	18	---	---	---
ESE-5	04/01/93	176.08	7.02	169.06	13000	2200	26	730	1000	---	---	PACE
QC-1 (d)	04/01/93	---	---	---	13000	2500	25	740	1100	---	---	PACE
ESE-5	06/29/93	176.08	10.21	165.87	7600	1500	9.3	170	100	---	---	PACE
ESE-5	09/23/93	176.08	10.64	165.44	560	19	1.2	0.9	1.8	---	---	PACE
ESE-5	12/10/93	176.08	9.42	166.66	1700	300	3	76	110	---	2.5	PACE
ESE-5	02/07/94	176.08	9.35	166.73	3500	640	7.8	90	130	---	---	PACE
ESE-5	08/08/94	176.08	8.76	167.32	2600	210	4.6	9.4	4.4	33 (e)	5.8	PACE
QC-1 (d)	08/08/94	---	---	---	2500	230	4.6	13	4.8	32 (e)	---	PACE
ESE-5	10/12/94	176.08	8.95	167.13	5600	560	9.5	75	21	---	3.6	PACE
QC-1 (d)	10/12/94	---	---	---	6000	550	10	78	22	77 (e)	---	PACE
ESE-5	01/19/95	176.08	5.40	170.68	1900	620	ND<5	95	15	---	7.6	ATI
QC-1 (d)	01/19/95	---	---	---	1600	620	ND<5	93	17	---	---	ATI
ESE-5	05/02/95	176.08	6.48	169.60	5700	1100	ND<10	180	58	---	8.2	ATI
QC-1 (d)	05/02/95	---	---	---	5300	1100	ND<10	180	58	---	---	ATI
ESE-5	07/28/95	176.08	7.97	168.11	520	15	ND<0.50	1.7	1.3	---	8.2	ATI
QC-1 (d)	07/28/95	---	---	---	460	7.2	ND<0.50	1.9	1.5	---	---	ATI
ESE-5	11/17/95	176.08	8.39	167.69	850	39	1.8	7.6	2.7	24	6.3	ATI
ESE-5	02/07/96	176.08	4.71	171.37	4100	670	6	190	140	ND<50	1.5	SPL
ESE-5	04/23/96	176.08	7.35	168.73	3000	570	ND<5	79	100	84	6.5	SPL
ESE-5	07/09/96	176.08	9.40	166.68	620	150	1.7	9.3	6.4	25	3.7	SPL
ESE-5	10/10/96	176.08	9.04	167.04	1100	29	ND<5.0	ND<5.0	ND<5.0	ND<50	6.3	SPL
QC-1 (d)	10/10/96	---	---	---	1100	31	ND<5.0	ND<5.0	ND<5.0	ND<50	---	SPL
ESE-5	01/20/97	176.08	5.82	170.26	2100	980	ND<25	280	80	ND<250	5.4	SPL
QC-1 (d)	01/20/97	---	---	---	2700	910	8.8	280	84	180	---	SPL
ESE-5	04/25/97	176.08	7.24	168.84	---	---	---	---	---	---	---	---
ESE-5	04/28/97	176.08	---	---	ND<250	7.9	ND<5.0	ND<5.0	ND<5.0	ND<50	4.9	SPL
ESE-5	07/18/97	176.08	7.86	168.22	1200	ND<5	ND<10	ND<10	ND<10	ND<100	5.0	SPL
QC-1 (d)	07/18/97	---	---	---	630	31	ND<5.0	ND<5.0	ND<5.0	130	---	SPL
ESE-5	10/27/97	176.08	7.91	168.17	ND<250	5.4	ND<5.0	ND<5.0	ND<5.0	ND<50	5.2	SPL
ESE-5	01/22/98	176.08	4.64	171.44	170	7.7	ND<1.0	ND<1.0	ND<1.0	130	4.6	SPL
ESE-5	04/23/98	176.08	6.31	169.77	720	79	ND<5.0	9.0	ND<5.0	180	4.6	SPL
ESE-5	07/29/98	176.08	7.43	168.65	---	---	---	---	---	---	---	---
ESE-5	07/30/98	---	---	---	840	9.8	ND<1.0	4.0	ND<1.0	710	4.3	SPL
ESE-5	12/17/98	176.08	7.05	169.03	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (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
ESE-5	03/19/99	176.08	5.00	171.08	ND<250	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	---	SPL
ESE-5	06/23/99	176.08	7.77	168.31	---	---	---	---	---	---	---	SPL
ESE-5	09/27/99	176.08	8.11	167.97	450	10	ND<5.0	6.3	ND<5.0	220	---	SPL
ESE-5	12/09/99	176.08	7.66	168.42	---	---	---	---	---	---	---	---
ESE-5	03/09/00	176.08	5.08	171.00	1700	170	2.5	45	6.4	140	---	PACE
ESE-5	06/08/00	176.08	7.36	168.72	---	---	---	---	---	---	---	---
ESE-5	09/18/00	176.08	7.71	168.37	130	0.65	ND<0.5	0.71	ND<0.5	51	---	PACE
ESE-5	12/14/00	176.08	2.36	173.72	---	---	---	---	---	---	---	---
ESE-5	03/21/01	176.08	7.42	168.66	1000	10.3	ND<2.5	11	ND<7.5	70.8	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-6	07/28/95	179.24	10.00	169.24	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	8.1	ATI
MW-6	11/17/95	179.24	10.44	168.80	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	6.8	ATI
MW-6	02/07/96	179.24	7.68	171.56	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	2.4	SPL
MW-6	04/23/96	179.24	9.33	169.91	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	6.6	SPL
MW-6	07/09/96	179.24	10.10	169.14	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	2.7	SPL
MW-6	10/10/96	179.24	11.00	168.24	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.9	SPL
MW-6	01/20/97	179.24	8.70	170.54	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.5	SPL
MW-6	04/25/97	179.24	10.16	169.08	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.1	SPL
MW-6	07/18/97	179.24	10.66	168.58	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.8	SPL
MW-6	10/27/97	179.24	10.25	168.99	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.8	SPL
MW-6	01/22/98	179.24	7.76	171.48	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.0	SPL
MW-6	04/23/98	179.24	9.10	170.14	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.2	SPL
MW-6	07/29/98	179.24	10.40	168.84	---	---	---	---	---	---	---	---
MW-6	07/30/98	---	---	---	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	3.8	SPL
MW-6	12/17/98	179.24	9.40	169.84	---	---	---	---	---	---	---	---
MW-6	03/19/99	179.24	9.10	170.14	---	---	---	---	---	---	---	---
MW-6	06/23/99	179.24	9.79	169.45	---	---	---	---	---	---	---	---
MW-6	09/27/99	179.24	10.10	169.14	---	---	---	---	---	---	---	---
MW-6	12/09/99	179.24	9.97	169.27	---	---	---	---	---	---	---	---
MW-6	03/09/00	179.24	8.56	170.68	---	---	---	---	---	---	---	---
MW-6	06/08/00	179.24	9.11	170.13	---	---	---	---	---	---	---	---
MW-6	09/18/00	179.24	9.77	169.47	---	---	---	---	---	---	---	---
MW-6	12/14/00	179.24	9.17	170.07	---	---	---	---	---	---	---	---
MW-6	03/21/01	179.24	9.82	169.42	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-7	07/28/95	176.55	9.25	167.30	ND<50	0.54 (g	0.54	ND<0.50	ND<1.0	---	7.1	ATI
MW-7	11/17/95	176.55	9.73	166.82	1100	ND<10	ND<10	ND<10	ND<20	4000	6.3	ATI
MW-7	02/07/96	176.55	6.48	170.07	610	ND<0.5	ND<1	ND<1	ND<1	2500	4.1	SPL
QC-1 (d)	02/07/96	---	---	---	280	ND<0.5	ND<1	ND<1	ND<1	2600	---	SPL
MW-7	04/23/96	176.55	8.37	168.18	110	ND<0.5	ND<1	ND<1	ND<1	3500	6.4	SPL
QC-1 (d)	04/23/96	---	---	---	230	ND<0.5	ND<1	ND<1	ND<1	3500	---	SPL
MW-7	07/09/96	176.55	9.24	167.31	230	ND<0.5	ND<1	ND<1	ND<1	4296	3.1	SPL
QC-1 (d)	07/09/96	---	---	---	220	ND<0.5	ND<1	ND<1	ND<1	4400	---	SPL
MW-7	10/10/96	176.55	10.05	166.50	---	---	---	---	---	---	---	---
MW-7	10/11/96	176.55	---	---	1600	ND<0.5	ND<1.0	ND<1.0	ND<1.0	3000	6.9	SPL
MW-7	01/20/97	176.55	7.51	169.04	ND<50	0.63	1	ND<1.0	ND<1.0	2600	5.7	SPL
MW-7	04/25/97	176.55	8.79	167.76	---	---	---	---	---	---	---	---
MW-7	04/28/97	176.55	---	---	1500	ND<0.5	ND<1.0	ND<1.0	ND<1.0	3600	5.1	SPL
QC-1 (d)	04/28/97	---	---	---	7700	3500	ND<25	74	37	ND<250	---	SPL
MW-7	07/18/97	176.55	9.50	167.05	1400	ND<0.5	ND<1.0	ND<1.0	ND<1.0	2600	5.2	SPL
MW-7	10/27/97	176.55	9.19	167.36	420	ND<0.5	ND<1.0	ND<1.0	ND<1.0	560	4.9	SPL
MW-7	01/22/98	176.55	6.45	170.10	3100	ND<0.5	ND<1.0	ND<1.0	1.4	2300	4.2	SPL
MW-7	04/23/98	176.55	8.02	168.53	3800	ND<0.5	ND<1.0	ND<1.0	ND<1.0	3800	3.9	SPL
MW-7	07/29/98	176.55	8.88	167.67	---	---	---	---	---	---	---	---
MW-7	07/30/98	---	---	---	500	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	4.1	SPL
QC-1 (d)	07/30/98	---	---	---	4700	ND<12	ND<25	ND<25	ND<25	4700	---	SPL
MW-7	12/17/98	176.55	8.62	167.93	---	---	---	---	---	---	---	---
MW-7	03/19/99	176.55	7.52	169.03	3800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3800	---	SPL
MW-7	06/23/99	176.55	9.63	166.92	---	---	---	---	---	---	---	---
MW-7	09/27/99	176.55	9.39	167.16	140	ND<10	ND<10	ND<10	ND<10	3800	---	SPL
MW-7	12/09/99	176.55	9.94	166.61	---	---	---	---	---	---	---	---
MW-7	03/09/00	176.55	6.72	169.83	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1400	---	PACE
MW-7	06/08/00	176.55	7.38	169.17	---	---	---	---	---	---	---	---
MW-7	09/18/00	176.55	9.18	167.37	190	ND<0.5	ND<0.5	ND<0.5	ND<0.5	580	---	PACE
MW-7	12/14/00	176.55	8.13	168.42	---	---	---	---	---	---	---	---
MW-7	03/21/01	176.55	8.98	167.57	1300	ND<0.5	ND<0.5	ND<0.5	ND<1.5	1460	---	PACE

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-8	07/28/95	176.34	7.80	168.54	1100	ND<2.5	ND<2.5	ND<2.5	ND<5.0	---	7.2	ATI
MW-8	11/17/95	176.34	8.29	168.05	8300	75	5.3	670	240	140	7.0	ATI
MW-8	02/07/96	176.34	4.99	171.35	2300	33	ND<10	190	216	ND<100	1.7	SPL
MW-8	04/23/96	176.34	6.09	170.25	2000	390	ND<20	150	26	ND<250	5.1	SPL
MW-8 (h)	07/09/96	---	---	---	---	---	---	---	---	---	---	---
QC-2 (i)	04/01/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	06/29/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	09/23/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	12/10/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	02/17/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	08/08/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	10/12/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	01/19/95	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	ATI
QC-2 (i)	05/02/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2 (i)	07/28/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2 (i)	11/17/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
QC-2 (i)	02/07/96	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	SPL
QC-2 (i)	04/23/96	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	SPL
QC-2 (i)	07/09/96	---	---	---	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
ND	Not detected above reported detection limit
—	Not applicable/available/measured/analyzed
PACE	Pace, Inc.
ATI	Analytical Technologies, Inc.
SPL	Southern Petroleum Laboratories

NOTES:

(a) Top of casing elevations surveyed relative to mean sea level.

(b) Groundwater elevations in feet relative to mean sea level.

(c) Additional analysis of the sample collected from ESE-1 on 10/5/92 detected 96 ug/l total petroleum hydrocarbons as diesel and 1.8 ug/l 1,2-dichloroethane.

(d) Blind duplicate.

(e) A copy of the documentation for this data is included in Appendix C of Alisto report 10-138-09-004.

(f) Top of casing lowered by 0.07 foot after the monitoring event on 4/01/93.

(g) Sample result may be falsely elevated due to matrix interference.

(h) Well destroyed.

(i) Travel blank.

(j) Gasoline does not include MTBE.

(k) Well Inaccessible.

(*) MTBE by EPA 8020/8260.

Analytical Appendix

Pace Analytical™
www.pacelabs.com

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

April 03, 2001

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

RE: Lab Project Number: 8520529
Client Project ID: BP Site# 11105

Dear Mr. Metzger:

Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 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: 8520529
Client Project ID: BP Site# 11105

Attn: Mr. Aidan Metzger
Phone:

Lab Sample No: 851683323 Project Sample Number: 8520529-001 Date Collected: 03/21/01 07:28
Client Sample ID: 11105 #A Matrix: Water Date Received: 03/23/01 09:00

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	1000	ug/l	250	5.0	03/31/01 00:25	WRIC			
1,4-Difluorobenzene (S)	119	%		1.0	03/31/01 00:25	WRIC			
4-Bromofluorobenzene (S)	99	%		1.0	03/31/01 00:25	WRIC	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	10.3	ug/l	2.50	5.0	03/31/01 00:25	WRIC	71-43-2		
Ethylbenzene	11.0	ug/l	2.50	5.0	03/31/01 00:25	WRIC	100-41-4		
Toluene	ND	ug/l	2.50	5.0	03/31/01 00:25	WRIC	108-88-3		
Xylene (Total)	ND	ug/l	7.50	5.0	03/31/01 00:25	WRIC	1330-20-7		
Methyl-tert-butyl ether	70.8	ug/l	2.50	5.0	03/31/01 00:25	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	99	%		1.0	03/31/01 00:25	WRIC			
4-Bromofluorobenzene (S)	98	%		1.0	03/31/01 00:25	WRIC	460-00-4		

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Fax: 281.488.4661

Lab Project Number: 8520529
Client Project ID: BP Site# 11105

Lab Sample No: 851683324 Project Sample Number: 8520529-002 Date Collected: 03/21/01 08:00
Client Sample ID: 11105 #B Matrix: Water Date Received: 03/23/01 09:00

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	1300	ug/l	50.	1.0	03/30/01 21:02	WRIC			
1,4-Difluorobenzene (S)	159	%		1.0	03/30/01 21:02	WRIC		1	
4-Bromofluorobenzene (S)	82	%		1.0	03/30/01 21:02	WRIC	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	ND	ug/l	0.500	1.0	03/30/01 21:02	WRIC	71-43-2		
Ethylbenzene	ND	ug/l	0.500	1.0	03/30/01 21:02	WRIC	100-41-4		
Toluene	ND	ug/l	0.500	1.0	03/30/01 21:02	WRIC	108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	03/30/01 21:02	WRIC	1330-20-7		
Methyl-tert-butyl ether	1460	ug/l	5.00	10.0	03/30/01 21:02	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	175	%		1.0	03/30/01 21:02	WRIC		1	
4-Bromofluorobenzene (S)	91	%		1.0	03/30/01 21:02	WRIC	460-00-4		

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Fax: 281.488.4661

Lab Project Number: 8520529
Client Project ID: BP Site# 11105

Lab Sample No: 851683325 Project Sample Number: 8520529-003 Date Collected: 03/21/01 08:37
Client Sample ID: 11105 #C Matrix: Water Date Received: 03/23/01 09:00

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	680	ug/l	50.	1.0	03/30/01 22:34	WRIC			
1,4-Difluorobenzene (S)	117	%		1.0	03/30/01 22:34	WRIC			
4-Bromofluorobenzene (S)	91	%		1.0	03/30/01 22:34	WRIC	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	80.5	ug/l	0.500	1.0	03/30/01 22:34	WRIC	71-43-2		
Ethylbenzene	21.1	ug/l	0.500	1.0	03/30/01 22:34	WRIC	100-41-4		
Toluene	0.546	ug/l	0.500	1.0	03/30/01 22:34	WRIC	108-88-3		
Xylene (Total)	18.2	ug/l	1.50	1.0	03/30/01 22:34	WRIC	1330-20-7		
Methyl-tert-butyl ether	398.	ug/l	0.500	1.0	03/30/01 22:34	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	113	%		1.0	03/30/01 22:34	WRIC			
4-Bromofluorobenzene (S)	96	%		1.0	03/30/01 22:34	WRIC	460-00-4		

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Fax: 281.488.4661

Lab Project Number: 8520529
Client Project ID: BP Site# 11105

Lab Sample No: 851683327 Project Sample Number: 8520529-004 Date Collected: 03/21/01 09:04
Client Sample ID: 11105 #D Matrix: Water Date Received: 03/23/01 09:00

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	5700	ug/l	50.	1.0	03/30/01 22:53	WRIC			
1,4-Difluorobenzene (S)	405	%		1.0	03/30/01 22:53	WRIC		1	
4-Bromofluorobenzene (S)	85	%		1.0	03/30/01 22:53	WRIC	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	2.28	ug/l	0.500	1.0	03/30/01 22:53	WRIC	71-43-2		
Ethylbenzene	0.510	ug/l	0.500	1.0	03/30/01 22:53	WRIC	100-41-4		
Toluene	ND	ug/l	0.500	1.0	03/30/01 22:53	WRIC	108-88-3		
Xylene (Total)	ND	ug/l	1.50	1.0	03/30/01 22:53	WRIC	1330-20-7		
Methyl-tert-butyl ether	6810	ug/l	12.5	25.0	03/30/01 22:53	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	471	%		1.0	03/30/01 22:53	WRIC		1	
4-Bromofluorobenzene (S)	92	%		1.0	03/30/01 22:53	WRIC	460-00-4		

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Lab Project Number: 8520529
Client Project ID: BP Site# 11105

Lab Sample No: 851683328 Project Sample Number: 8520529-005 Date Collected: 03/21/01 09:36
Client Sample ID: 11105 #E Matrix: Water Date Received: 03/23/01 09:00

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	6900	ug/l	500	10.0	04/02/01 15:16	WRIC			
1,4-Difluorobenzene (S)	137	%		1.0	04/02/01 15:16	WRIC		1	
4-Bromofluorobenzene (S)	89	%		1.0	04/02/01 15:16	WRIC	460-00-4		
SW8021 Aromatics, Water		Method: EPA 8021			Prep Method: See analytical meth				
Benzene	786.	ug/l	5.00	10.0	04/02/01 15:16	WRIC	71-43-2		
Ethylbenzene	37.7	ug/l	5.00	10.0	04/02/01 15:16	WRIC	100-41-4		
Toluene	45.7	ug/l	5.00	10.0	04/02/01 15:16	WRIC	108-88-3		
Xylene (Total)	71.5	ug/l	15.0	10.0	04/02/01 15:16	WRIC	1330-20-7		
Methyl-tert-butyl ether	3790	ug/l	5.00	10.0	04/02/01 15:16	WRIC	1634-04-4		
1,4-Difluorobenzene (S)	122	%		1.0	04/02/01 15:16	WRIC			
4-Bromofluorobenzene (S)	94	%		1.0	04/02/01 15:16	WRIC	460-00-4		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8520529
Client Project ID: BP Site# 11105

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[1]	Surrogate recovery outside of control limits. The data was accepted based upon valid recovery of remaining surrogate.

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QUALITY CONTROL DATA

Lab Project Number: 8520529
Client Project ID: BP Site# 11105

QC Batch: 50750
Analysis Method: EPA 8021
Associated Lab Samples: 851683323 851683324 851683325 851683327 851683328

QC Batch Method: See analytical meth
Analysis Description: SW8021 Aromatics, Water

METHOD BLANK: 851684516
Associated Lab Samples: 851683323 851683324 851683325 851683327 851683328

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)	%	95		
4-Bromofluorobenzene (S)	%	87		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851684901 851684902

Parameter	Units	851683342	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Benzene	ug/l	0	50.00	51.73	104	46.32	93	11	
Ethylbenzene	ug/l	0	50.00	55.60	111	50.45	101	10	
Toluene	ug/l	0	50.00	51.97	104	46.43	93	11	
Xylene (Total)	ug/l	0	100.00	118.2	118	105.1	140	12	
Methyl-tert-butyl ether	ug/l	0.9913	50.00	49.45	97	49.98	98	1	
1,4-Difluorobenzene (S)					100		99		
4-Bromofluorobenzene (S)					97		99		

LABORATORY CONTROL SAMPLE: 851684517

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Benzene	ug/l	50	50.35	101	
Ethylbenzene	ug/l	50	48.69	97	
Toluene	ug/l	50	50.17	100	
Xylene (Total)	ug/l	100	96.02	96	

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QUALITY CONTROL DATA

Lab Project Number: 8520529
Client Project ID: BP Site# 11105

LABORATORY CONTROL SAMPLE: 851684517

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Methyl-tert-butyl ether	ug/l	50	52.95	106	
1,4-Difluorobenzene (S)				100	
4-Bromofluorobenzene (S)				96	

Date: 04/03/01

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 8520529
Client Project ID: BP Site# 11105

QC Batch: 50752
QC Batch Method: EPA 8015 Modified
Analysis Method: EPA 8015 Modified
Analysis Description: GAS by Mod 8015, Water
Associated Lab Samples: 851683323 851683324 851683325 851683327 851683328

METHOD BLANK: 851684523
Associated Lab Samples: 851683323 851683324 851683325 851683327 851683328

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Organics	ug/l	ND	50	
1,4-Difluorobenzene (S)	%	96		
4-Bromofluorobenzene (S)	%	78		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851684526 851684527

Parameter	Units	851683336	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Organics	ug/l	1055	1000.00	2008	95	1977	92	2	
1,4-Difluorobenzene (S)					100		100		
4-Bromofluorobenzene (S)					101		101		

LABORATORY CONTROL SAMPLE: 851684524

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Organics	ug/l	1000	1145	115	
1,4-Difluorobenzene (S)				95	
4-Bromofluorobenzene (S)				92	

REPORT OF LABORATORY ANALYSIS

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Phone: 281.488.1810
Fax: 281.488.4661

Lab Project Number: 8520529
Client Project ID: BP Site# 11105

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

BP

CHAIN OF CUSTODY

Page 1 of 1

CONSULTANT'S NAME	CONSULTANT'S ADDRESS		
Blaine Tech Services, Inc.	1680 Rogers Ave., San Jose CA 95112		
BP SITE NUMBER: 11105	BP SITE / FACILITY ADDRESS: 3519 Castro Valley Blvd., Castro Valley		CONSULTANT PROJECT NUMBER: 030321-N
CONSULTANT PROJECT MANAGER: Scott Boor	PHONE NUMBER: (408) 573-0555 x 223	FAX NUMBER: (408) 573-7771	CONSULTANT CONTRACT NUMBER: J587918
BP CONTACT: Scott Hooton	BP ADDRESS: 295 SW 41st Street, Suite N, Renton WA	PHONE NUMBER: (425) 251-0689	FAX NO.: (425) 251-0736
LAB CONTACT: Pace - Paula Kirtley	LABORATORY ADDRESS: 900 Gemini Ave., Houston, TX 77058	PHONE NUMBER: (281) 488-1810	FAX NO.: (281) 488-4661

BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name)	RUSH REQUESTED OF (Print Consultant Contact Name)	DATE/TIME	SHIPMENT DATE	SHIPMENT METHOD

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

ANALYSIS REQUIRED

AIRBILL NUMBER

SAMPLE DESCRIPTION	COLLECTION DATE	COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS NO.	CONTAINERS TYPE (VOL)	PRESERVATIVE LAB SAMPLE #	TPH-G + BTEX / MTBE (8015M) (8020)	TPH-D (8015M)	FUEL OXYGENATES (8260)	1,2 DCA + EDB (8010)						COMMENTS
		728														
A	03/21/01	907 TWM	W	3	HCl		X									85 1683323
B	03/21/01	800	↓	3	HCl		X									3324
C	03/21/01	837		3	HCl		X									3325
D	03/21/01	904		3	HCl		X									3327
E	03/21/01	936	↓	3	HCl		X									3328

SAMPLED BY (Please Print Name): MATTHEW J MILLER

SAMPLED BY (Signature): Matthew J Miller

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
Matthew J Miller			Fedex		
Fedex				3/23/01	0900AM

Field
Data
Sheets

WELL GAUGING DATA

Project # 010321-N1 Date 03/21/01 Client BP

Site 3519 CASTRO VALLEY BLVD

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	
ESE 1	2					9.75	29.23	TOC	D
ESE 2	2					10.35	27.04	TOC	E
ESE 3	2					10.07	29.70	TOC	C
ESE 4	2					8.61	22.55	TOC	—
ESE 5	2					7.92	23.71	TOC	A
MW 6	2					9.82	29.39	TOC	—
MW 7	2					8.98	28.77	TOC	B

BP WELL MONITORING DATA SHEET

Project #: 010321-N1	Station # 11105
Sampler: NICKS + MATTHEW	Date: 03/21/01
Well I.D.: ESE #1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 29.23	Depth to Water: 9.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / (Middleburg) / ~~Electric Submersible~~ / Extraction Pump / Other: ___

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

3.1	X	3	=	9.3 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
853	64.4	6.8	990	3.1	Clear water
857	64.6	6.8	978	6.2	
859	64.7	6.8	975	9.3	

Did well dewater? Yes (No)		Gallons actually evacuated: 9.5	
Sampling Time: 904		Sampling Date: 03/21/01	
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 #: 010231-N1	Station # 11105
Sampler: NICK S + MATTHEW	Date: 03/21/01
Well I.D.: ESE 2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 27.04	Depth to Water: 10.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / ~~Disposable Bailer~~ / (Middleburg) / Electric Submersible / Extraction Pump / Other: ___

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

2.7	x	3	=	9.1 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
925	64.9	6.7	969	3	silty/turbid
928	65.0	6.8	971	6	odor
931	65.1	6.8	987	9	

Did well dewater? Yes (No)		Gallons actually evacuated: 9.5	
Sampling Time: 936		Sampling Date: 03/21/01	
Sample I.D. (Blind): E		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 #: 010321-N1	Station # 1105
Sampler: NICK S + MATTHEW	Date: 03/21/01
Well I.D.: MW3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 29.70	Depth to Water: 10.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / (Middleburg) / ~~Electric Submersible~~ / Extraction Pump / Other: ___

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

3.1	x	3	=	9.3 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
825	67	6.6	1201	3.1	turbid
828	67	6.7	1129	6.2	
832	67.2	6.7	1110	9.3	

Did well dewater? Yes (No)		Gallons actually evacuated: 9.5	
Sampling Time: 8:37		Sampling Date: 03/21/01	
Sample I.D. (Blind): C		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 #: 010321-N1	Station # 1105
Sampler: NICKS & MATTHEW	Date: 03/21/01
Well I.D.: ESE-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 23.71	Depth to Water: 7.42
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer; ~~Disposable Bailer~~; (Middleburg); Electric Submersible; Extraction Pump; Other: ___

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: ___

2.6	x	3	=	7.8 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
7:11	67.4	6.4	635	2.5	turbid/odor
7:14	64.7	6.4	539	5	clear
7:17	65.3	6.4	922	8	
7:21	65.4	6.6	934	10.5	
7:24	65.6	6.8	858	13	

Did well dewater? Yes (No) Gallons actually evacuated: 13

Sampling Time: 7:29 Sampling Date: 03/21/01

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 #: 010321-N1	Station # 11105
Sampler: NICK & MATHEW	Date: 03/21/01
Well I.D.: MW7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 28.77	Depth to Water: 8.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer; Disposable Bailer; (Middleburg); Electric Submersible; Extraction Pump; Other: ____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: ____

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
3.2	X	3	=	9.6 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
747	63.6	7.0	786	3.2	turbid
750	64.3	7.0	817	6.4	less turbid
755	64.5	6.8	830	10	

Did well dewater? Yes (No)		Gallons actually evacuated: 10	
Sampling Time: 8:00		Sampling Date: 03/21/01	
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