S. T. Hooton
Team Leader
Environmental Remediation Management

ENVIRONMENTAL
PROTECTION

00 FEB 30 PM 3: 34

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

BP OIL

February 24, 2000

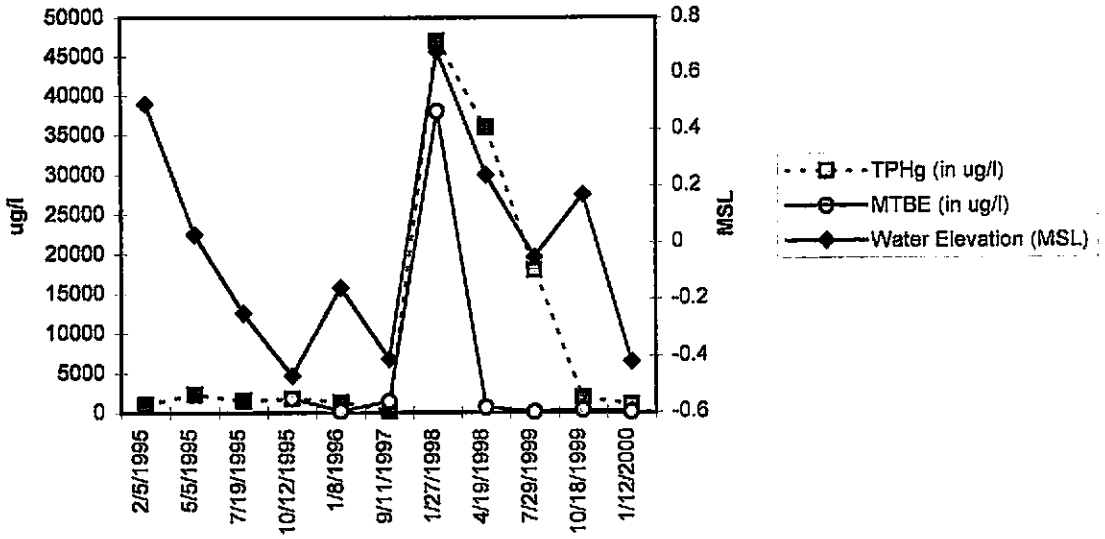
Alameda County Health Care Services Agency
Attention Mr. Larry Seto - Sr. Hazardous Materials Specialist
1131 Harbor Bay Parkway, STE 250
Alameda, CA 94502-6577

RE: Former BP Oil Site No. 11270
3255 MeCartney Road (at Island)
Alameda, CA

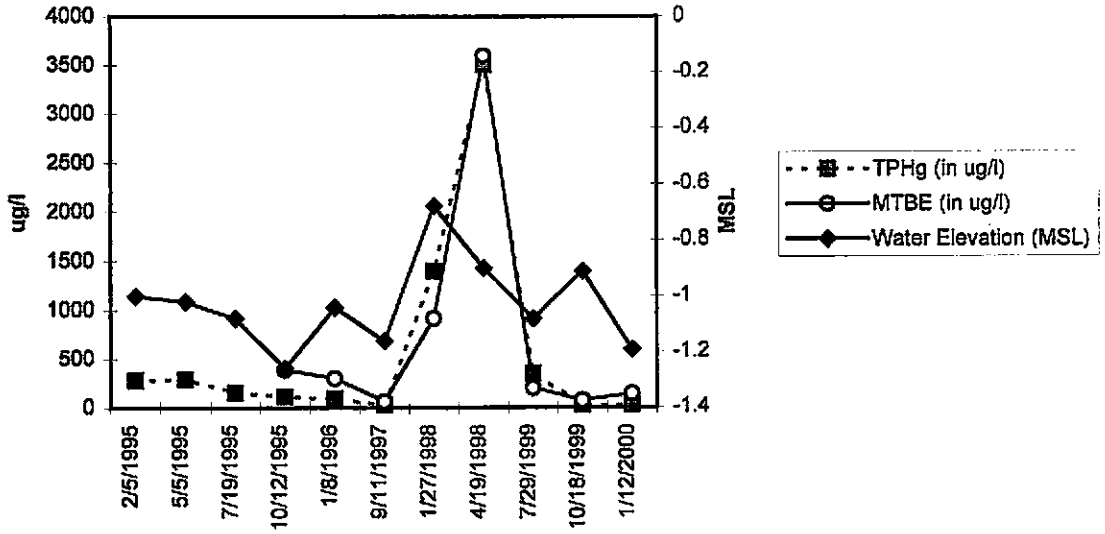
Dear Mr. Seto:

Enclosed find the 18 February 2000 *First Quarter 2000 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 12 January 2000. BP believes that this data lends further support for a finding for "case closure" and "no further action." Graphical depiction of data from wells MW-6, MW-7 and XW-3 follows.

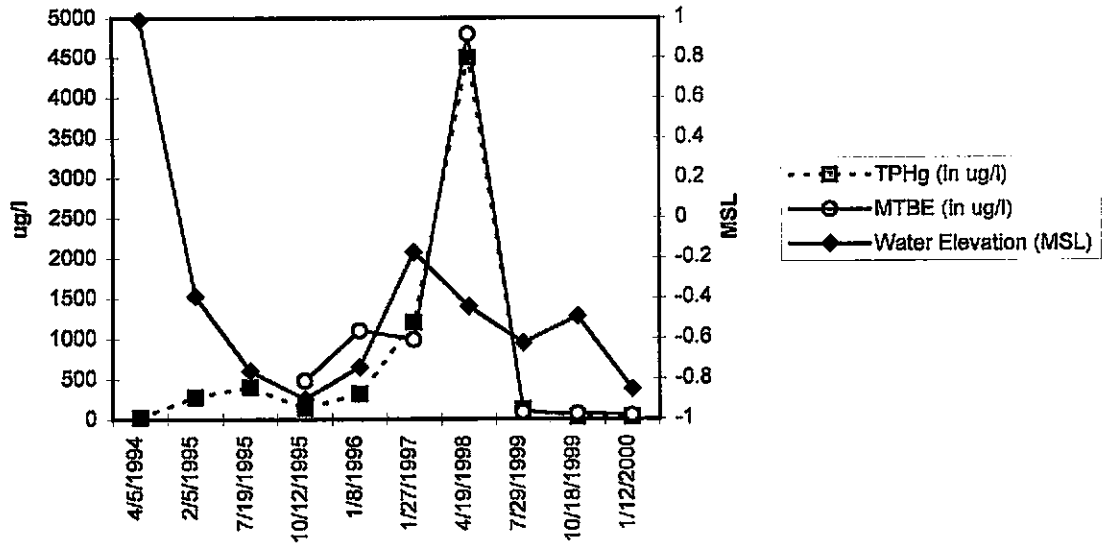
MW-6 TPHg, MTBE & Water Elevation



MW-7 TPHg, MTBE & Water Elevation



XW-3 TPHg, MTBE & Water Elevation



You should also note that the monitoring wells have been previously sampled for total dissolved solids (TDS). I believe that you can agree that the TDS concentrations show that groundwater in the vicinity of the site should not be considered to be of present or future beneficial use. You will note that the averaged TDS concentrations (including upgradient well XW-1) are over two times higher than the 3,000 mg/l TDS ceiling that defines a present or future beneficial use aquifer. It seems reasonable, then, to conclude that the petroleum release at this site has not affected groundwater with a present or future beneficial use.

The UST system at site was upgraded by Tosco during 1998. Since MTBE concentration data obtained since that time shows lower concentrations, a finding for "no further action" and "case closure" seems consistent with water quality objectives in the basin plan.

Based on the data obtained for this site, BP has no further plans for groundwater monitring. If ACHSA finds that further activities are warranted, please let me know. This information is relevant to BP's efforts to reconcile contractual issues with the current operator.

Please contact me at (425) 251-0689 if you have questions.

Sincerely,

Scott Hooton

attachment

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

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

February 18, 2000

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

1st Quarter 2000 Monitoring at 11270

First Quarter 2000 Groundwater Monitoring
BP Service Station Number 11270
3255 Mecartney Rd.
Alameda, CA

Monitoring Performed on January 12, 2000

Groundwater Sampling Report **000112-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.

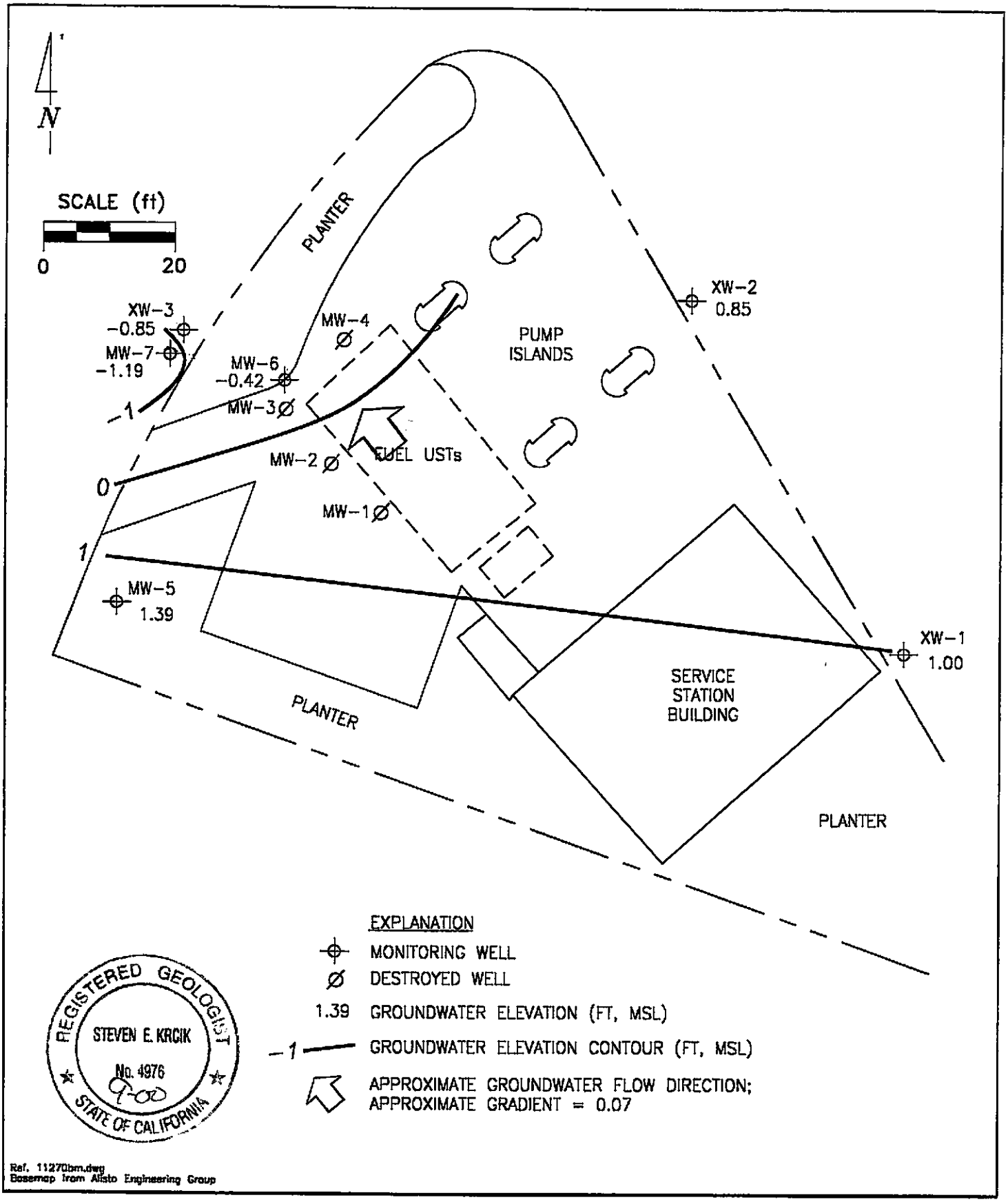
Yours truly,

Francis Thie
Vice President

FPT/cm

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

Professional Engineering Appendix



Ref. 11270bm.dwg
Basemap from Alisto Engineering Group

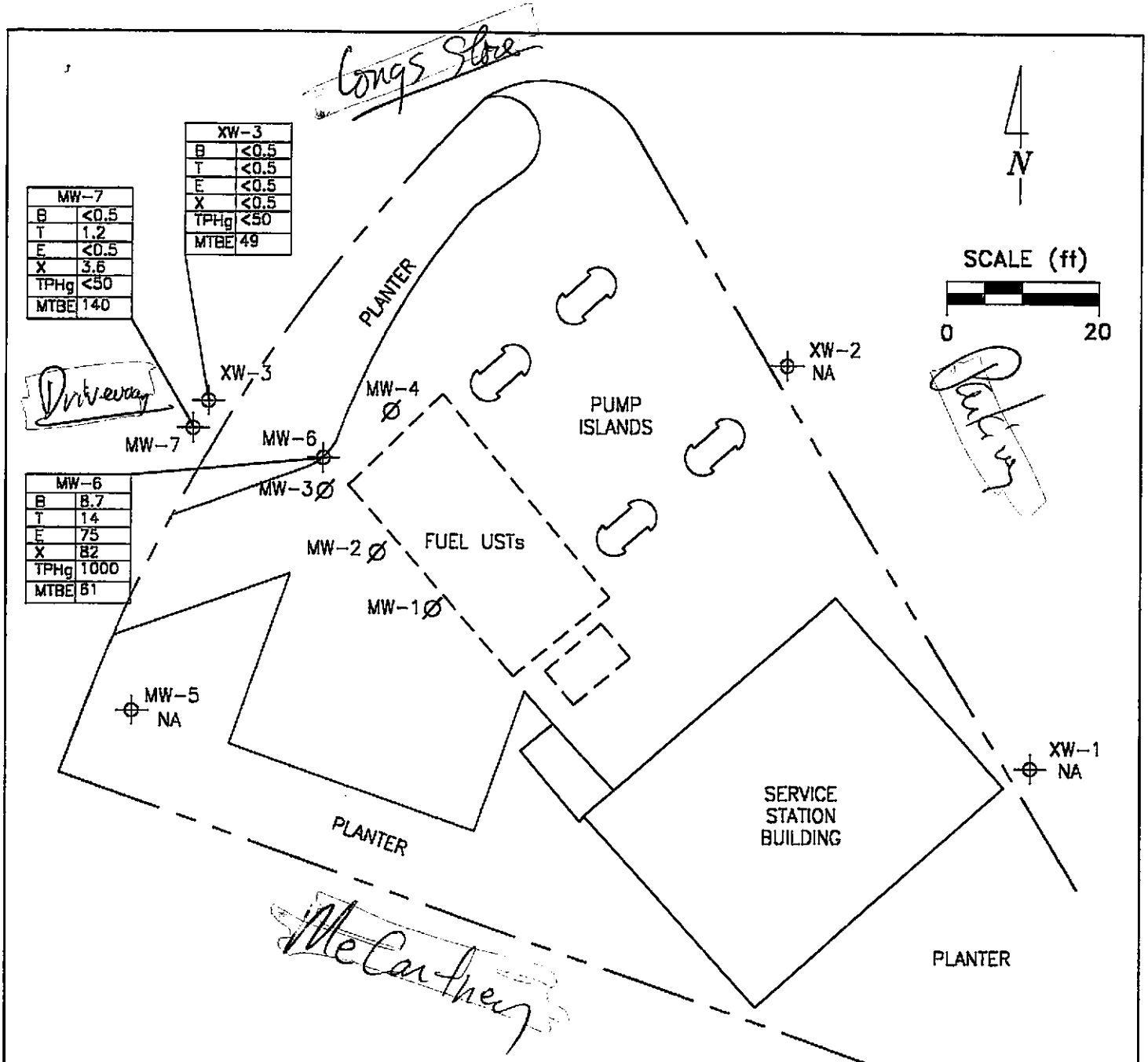
PREPARED BY

RRM
engineering contracting firm

BP Oil Service Station No. 11270
3255 Mecartney Road
Alameda, California

GROUNDWATER ELEVATION CONTOUR MAP, JANUARY 12, 2000

FIGURE:
1
PROJECT:
DAC04



Ref. 11270btex.dwg
Basemap from Alisto Engineering Group

PREPARED BY RRM engineering contracting firm	**BP Oil Service Station No. 11270** 3255 Mecartney Road Alameda, California **HYDROCARBON CONCENTRATION MAP, JANUARY 12, 2000**	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)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)		TDS (mg/l)	DO (ppm)	LAB
MW-1	(c)	10/29/92	7.49	7.28	0.21	---	---	---	---	---	---	---		---	---	---
MW-1	(c)	06/21/93	7.49	5.40	2.09	---	---	---	---	---	---	---		---	---	---
MW-1		04/05/94	7.49	5.64	1.85	1700	---	20	1.1	3.9	7.6	---		---	---	PACE
MW-1		07/28/94	7.49	6.22	1.27	---	---	---	---	---	---	---		---	---	PACE
MW-1		10/26/94	7.49	6.40	1.09	---	---	---	---	---	---	---		---	---	---
MW-1	(d)	02/05/95	---	---	---	---	---	---	---	---	---	---		---	---	---
MW-2		10/29/92	7.07	6.84	0.23	2500	3900	140	ND<10	65	22	---		---	---	---
MW-2		06/21/93	7.07	5.49	1.58	720	770	12	1.5	11	12	---		---	---	---
MW-2		04/05/94	7.07	5.40	1.67	420	1300	ND<0.5	ND<0.5	ND<0.5	4	4500	(e)	---	1.8	PACE
MW-2		07/28/94	7.07	5.97	1.10	---	---	---	---	---	---	---		---	---	PACE
MW-2		10/26/94	7.07	6.10	0.97	---	---	---	---	---	---	---		---	---	---
MW-2	(d)	02/05/95	---	---	---	---	---	---	---	---	---	---		---	---	---
MW-3	(c)	10/29/92	7.08	7.14	-0.06	---	---	---	---	---	---	---		---	---	---
MW-3	(c)	06/21/93	7.08	5.84	1.24	---	---	---	---	---	---	---		---	---	---
MW-3		04/05/94	7.08	5.83	1.25	990	4300	3.2	ND<0.5	ND<0.5	1.3	790	(e)	---	---	PACE
MW-3		07/28/94	7.08	6.32	0.76	---	---	---	---	---	---	---		---	---	PACE
MW-3		10/26/94	7.08	6.42	0.66	---	---	---	---	---	---	---		---	---	---
MW-3	(d)	02/05/95	---	---	---	---	---	---	---	---	---	---		---	---	---
MW-4		10/29/92	7.13	6.90	0.23	2600	---	250	2.5	74	6.6	---		---	---	---
MW-4		06/21/93	7.13	5.54	1.59	1400	1100	24	2.9	2.6	7.9	---		---	---	---
MW-4		04/05/94	7.13	5.46	1.67	930	940	33	0.8	ND<0.5	2.8	8700	(e)	---	2.7	PACE
MW-4		07/28/94	7.13	6.02	1.11	2400	1400	19	1.8	0.5	8	---		---	6.7	PACE
QC-1	(f)	07/28/94	---	---	---	2300	---	19	1.7	0.5	7.4	---		---	---	PACE
MW-4		10/26/94	7.13	6.13	1.00	---	---	---	---	---	---	---		---	---	---
MW-4	(d)	02/05/95	---	---	---	---	---	---	---	---	---	---		---	---	---

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MW-5		06/21/93	8.36	7.44	0.92	ND<50	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-5		04/05/94	8.36	7.42	0.94	ND<50	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	2.5	PACE
QC-1	(f)	04/05/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-5		07/28/94	8.36	7.88	0.48	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	7.4	PACE
MW-5		10/26/94	8.36	7.92	0.44	ND<50	160	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	5.5	PACE
QC-1	(f)	10/26/94	---	---	---	ND<50	---	ND<0.5	0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-5		02/05/95	8.36	7.83	0.53	ND<50	ND<500	ND<0.25	ND<0.25	ND<0.25	ND<0.50	---	---	---	ATI
QC-1	(f)	02/05/95	---	---	---	ND<50	---	ND<0.25	ND<0.25	ND<0.25	ND<0.50	---	---	---	ATI
MW-5		05/05/95	8.36	9.00	-0.64	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	3.1	ATI
MW-5		07/19/95	8.36	9.03	-0.67	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	14700	4.6	ATI
MW-5		10/12/95	8.36	9.15	-0.79	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	8490	4.3	ATI
MW-5		01/08/96	8.36	9.04	-0.68	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	10000	4.9	ATI
MW-5		09/11/97	8.36	8.90	-0.54	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4	SPL
MW-5		01/27/98	8.36	8.27	0.09	---	---	---	---	---	---	---	---	---	---
MW-5		04/19/98	8.36	8.60	-0.24	---	---	---	---	---	---	---	---	---	---
MW-5		07/29/99	8.36	8.85	-0.49	---	---	---	---	---	---	---	---	---	---
MW-5		10/18/99	8.36	8.49	-0.13	---	---	---	---	---	---	---	---	---	---
MW-5		01/12/00	8.36	6.97	1.39	---	---	---	---	---	---	---	---	---	---

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MW-6		02/05/95	6.88	6.39	0.49	1000	1000	7.6	19	9.1	96	---	(g)	---	5	ATI
MW-6		05/05/95	6.88	6.85	0.03	2300	---	49	9	130	46	---		---	3.3	ATI
QC-1	(f)	05/05/95	---	---	---	2400	---	49	9.2	140	48	---		---	---	ATI
MW-6		07/19/95	6.88	7.13	-0.25	1500	---	84	3.3	28	24	---	(g)	818	3.7	ATI
QC-1	(f)	07/19/95	---	---	---	1500	---	89	3.8	30	26	---	(g)	---	---	ATI
MW-6		10/12/95	6.88	7.35	-0.47	1800	---	38	13	38	86	2500		868	4.1	ATI
QC-1	(f)	10/12/95	---	---	---	1100	---	33	7	18	44	2200		---	---	ATI
MW-6		01/08/96	6.88	7.04	-0.16	1300	---	31	4.7	60	53	170		474	4.2	ATI
QC-1	(f)	01/08/96	---	---	---	1000	---	27	4	49	44	150		---	---	ATI
MW-6		09/11/97	6.88	7.29	-0.41	ND<250	---	8.5	ND<5.0	11	6	1400		---	3.5	SPL
QC-1	(f)	09/11/97	---	---	---	210	---	8.7	ND<5.0	14	8	1400		---	---	SPL
MW-6		01/27/98	6.88	6.20	0.68	47000	---	350	150	360	690	38000		---	4.6	SPL
QC-1	(f)	01/27/98	---	---	---	51000	---	290	120	300	580	35000		---	---	SPL
MW-6		04/19/98	6.88	6.64	0.24	36000	---	40	510	140	10500	660		---	4	SPL
QC-1	(f)	04/19/98	---	---	---	24000	---	20	360	81	7100	480		---	---	SPL
MW-6		07/29/99	6.88	6.93	-0.05	18000	---	10	4.0	18	210	96		---	---	SPL
MW-6		10/18/99	6.88	6.71	0.17	1900	---	14	12	100	390	320		---	---	SPL
MW-6		01/12/00	6.88	7.30	-0.42	1000	---	8.7	14	75	82	61		---	---	PACE

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MW-7	02/05/95	6.62	7.62	-1.00	280	ND<500	ND<0.25	ND<0.25	ND<0.25	ND<0.50	---	(g)	---	5.1	ATI
MW-7	05/05/95	6.62	7.64	-1.02	290	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---		---	3.6	ATI
MW-7	07/19/95	6.62	7.70	-1.08	150	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	(g)	12100	4.6	ATI
MW-7	10/12/95	6.62	7.88	-1.26	110	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	390		14000	4.7	ATI
MW-7	01/08/96	6.62	7.66	-1.04	90	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	300		12060	4.9	ATI
MW-7	09/11/97	6.62	7.78	-1.16	ND<50	---	ND<2.5	ND<5.0	ND<5.0	ND<5.0	63		---	3.8	SPL
MW-7	01/27/98	6.62	7.30	-0.68	1400	---	7.7	ND<1.0	ND<1.0	ND<1.0	920		---	4.4	SPL
MW-7	04/19/98	6.62	7.52	-0.90	3500	---	15	7.7	11	19.3	3600		---	4.7	SPL
MW-7	07/29/99	6.62	7.70	-1.08	350	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	200		---	---	SPL
MW-7	10/18/99	6.62	7.53	-0.91	ND<50	---	ND<1.0	ND<1.0	ND<1.0	2.2	76		---	---	SPL
MW-7	01/12/00	6.62	7.81	-1.19	ND<50	---	ND<0.5	1.2	ND<0.5	3.6	140		---	---	PACE
XW-1	06/21/93	---	---	---	---	---	---	---	---	---	---		---	---	---
XW-1	04/05/94	---	5.36	---	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---	3	PACE
XW-1	07/28/94	---	5.92	---	---	---	---	---	---	---	---		---	---	PACE
XW-1	10/26/94	---	6.05	---	---	---	---	---	---	---	---		---	---	---
XW-1	02/05/95	7.49	5.82	1.67	ND<50	ND<500	ND<0.25	ND<0.25	ND<0.25	ND<0.50	---		---	4.9	ATI
XW-1	05/05/95	7.49	5.57	1.92	---	---	---	---	---	---	---		---	---	---
XW-1	07/19/95	7.49	6.12	1.37	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---		1680	4.3	ATI
XW-1	10/12/95	7.49	6.82	0.67	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		1150	3.8	ATI
XW-1	01/08/96	7.49	6.11	1.38	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		1300	4.7	ATI
XW-1	09/11/97	7.49	6.57	0.92	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	3.3	SPL
XW-1	01/27/98	7.49	5.27	2.22	---	---	---	---	---	---	---		---	---	---
XW-1	04/19/98	7.49	5.24	2.25	---	---	---	---	---	---	---		---	---	---
XW-1	07/29/99	7.49	6.30	1.19	---	---	---	---	---	---	---		---	---	---
XW-1	10/18/99	7.49	6.47	1.02	---	---	---	---	---	---	---		---	---	---
XW-1	01/12/00	7.49	6.49	1.00	---	---	---	---	---	---	---		---	---	---

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XW-2	06/21/93	7.48	5.89	1.59	---	---	---	---	---	---	---		---	---	---
XW-2	04/05/94	7.48	5.77	1.71	ND<50	160	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---	3	PACE
XW-2	07/28/94	7.48	6.25	1.23	---	---	---	---	---	---	---		---	---	PACE
XW-2	10/26/94	7.48	6.39	1.09	---	---	---	---	---	---	---		---	---	---
XW-2	02/05/95	7.48	5.62	1.86	ND<50	ND<500	ND<0.25	0.38	ND<0.25	ND<0.50	---		---	5.2	ATI
XW-2	05/05/95	7.48	5.66	1.82	---	---	---	---	---	---	---		---	---	---
XW-2	07/19/95	7.48	6.8	0.68	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---		4750	3.9	ATI
XW-2	10/12/95	7.48	7.21	0.27	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		3630	4.3	ATI
XW-2	01/08/96	7.48	6.79	0.69	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		3440	4.2	ATI
XW-2	09/11/97	7.48	6.86	0.62	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		---	3.6	SPL
XW-2	01/27/98	7.48	5.88	1.60	---	---	---	---	---	---	---		---	---	---
XW-2	04/19/98	7.48	5.42	2.06	---	---	---	---	---	---	---		---	---	---
XW-2	07/29/99	7.48	9.97	-2.49	---	---	---	---	---	---	---		---	---	---
XW-2	10/18/99	7.48	9.65	-2.17	---	---	---	---	---	---	---		---	---	---
XW-2	01/12/00	7.48	6.63	0.85	---	---	---	---	---	---	---		---	---	---
XW-3	06/21/93	6.84	5.85	0.99	---	---	---	---	---	---	---		---	---	---
XW-3	04/05/94	6.84	5.85	0.99	ND<50	150	ND<0.5	0.7	ND<0.5	ND<0.5	---		---	3.1	PACE
XW-3	07/28/94	6.84	6.28	0.56	---	---	---	---	---	---	---		---	---	PACE
XW-3	10/26/94	6.84	6.4	0.44	---	---	---	---	---	---	---		---	---	---
XW-3	02/05/95	6.84	7.23	-0.39	280	ND<500	ND<0.50	ND<0.50	0.63	ND<1.0	---	(g)	---	4.9	ATI
XW-3	05/05/95	6.84	7.43	-0.59	---	---	---	---	---	---	---		---	---	---
XW-3	07/19/95	6.84	7.6	-0.76	400	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---		10400	4.3	ATI
XW-3	10/12/95	6.84	7.74	-0.90	130	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	480	(e)	8430	4.7	ATI
XW-3	01/08/96	6.84	7.58	-0.74	320	---	ND<2.5	ND<2.5	ND<2.5	ND<5.0	1100		10000	4.4	ATI
XW-3	01/27/98	6.84	7.01	-0.17	1200	---	2.8	ND<1.0	ND<1.0	ND<1.0	990		---	4.3	SPL
XW-3	04/19/98	6.84	7.28	-0.44	4500	---	ND<2.5	ND<5.0	ND<5.0	ND<5.0	4800		---	4.3	SPL
XW-3	07/29/99	6.84	7.46	-0.62	ND<250	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	90		---	---	SPL
XW-3	10/18/99	6.84	7.33	-0.49	ND<50	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	73		---	---	SPL
XW-3	01/12/00	6.84	7.69	-0.85	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	49		---	---	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)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TDS (mg/l)	DO (ppm)	LAB
QC-2 (h)	04/05/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (h)	07/28/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (h)	10/26/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (h)	02/05/95	---	---	---	ND<50	---	ND<0.25	ND<0.25	ND<0.25	ND<0.50	---	---	---	ATI
QC-2 (h)	05/05/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
QC-2 (h)	07/19/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
QC-2 (h)	10/12/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	ATI
QC-2 (h)	01/08/96	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	ATI

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
TDS	Total dissolved solids
DO	Dissolved oxygen
ug/l	Micrograms per liter
mg/l	Milligrams per liter
ppm	Parts per million
---	Not analyzed/measured/applicable
ND	Not detected above reported detection limit
PACE	Pace, Inc.
ATI	Analytical Technologies, Inc.
SPL	Southern Petroleum Laboratories

NOTES:

(a) Casing elevations surveyed to nearest 0.01 foot relative to an arbitrary datum.

(b) Groundwater elevations in feet above an arbritary datum.

(c) Not sampled due to inadequate recharge.

(d) Wells destroyed by HETI on January 18 and 19, 1995.

(e) A copy of the documentation for this data is included in Appendix C of Alisto report 10-206-04-001.

(f) Blind duplicate.

(g) MTBE peak present. See documentation for this data included in Appendix C of Alisto report 10-206-04-001.

(h) Travel blank.

Analytical Appendix

Pace Analytical

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

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

January 26, 2000

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

RE: Pace Project Number: 6037594
Client Project ID: BP 11270

Dear Mr. HARGRAVE:

Enclosed are the results of analyses for sample(s)received by the laboratory on January 14, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lily Bayati

Lily Bayati
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical

DATE: 01/26/00

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

Pace Project Number: 6037594
Client Project ID: BP 11270

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

Solid results are reported on a wet weight basis

Pace Sample No: 603180183 Date Collected: 01/12/00 Matrix: Water
Client Sample ID: C Date Received: 01/14/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Long Beach Laboratory							
GAS BTEX by 8015, Water		Method: EPA 8015/8020 Modif			Prep Method: EPA 8015/8020 Modif		
Gasoline	ND	ug/l	50	01/22/00	VN		
Benzene	ND	ug/l	0.5	01/22/00	VN	71-43-2	
Toluene	ND	ug/l	0.5	01/22/00	VN	108-88-3	
Ethylbenzene	ND	ug/l	0.5	01/22/00	VN	100-41-4	
Methyl-tert-butyl Ether	49	ug/l	0.5	01/22/00	VN	1634-04-4	
Xylene (Total)	ND	ug/l	0.5	01/22/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	101	%		01/22/00	VN	2164-17-2	

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical

Pace Project Number: 6037594
Client Project ID: BP 11270

Pace Sample No: 603180191 Date Collected: 01/12/00 Matrix: Water
Client Sample ID: A Date Received: 01/14/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Long Beach Laboratory							
GAS BTEX by 8015, Water	Method: EPA 8015/8020 Modif			Prep Method: EPA 8015/8020 Modif			
Gasoline	1000	ug/l	50	01/22/00	VN		
Benzene	8.7	ug/l	0.5	01/22/00	VN	71-43-2	
Toluene	14	ug/l	0.5	01/22/00	VN	108-88-3	
Ethylbenzene	75	ug/l	0.5	01/22/00	VN	100-41-4	
Methyl-tert-butyl Ether	61	ug/l	0.5	01/22/00	VN	1634-04-4	
Xylene (Total)	82	ug/l	0.5	01/22/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	353	%		01/22/00	VN	2164-17-2	1

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical

Pace Project Number: 6037594
Client Project ID: BP 11270

Pace Sample No: 603180209 Date Collected: 01/12/00 Matrix: Water
Client Sample ID: B Date Received: 01/14/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Long Beach Laboratory							
GAS BTEX by 8015, Water	Method: EPA 8015/8020 Modif				Prep Method: EPA 8015/8020 Modif		
Gasoline	ND	ug/l	50	01/22/00	VN		2
Benzene	ND	ug/l	0.5	01/22/00	VN	71-43-2	
Toluene	1.2	ug/l	0.5	01/22/00	VN	108-88-3	
Ethylbenzene	ND	ug/l	0.5	01/22/00	VN	100-41-4	
Methyl-tert-butyl Ether	140	ug/l	0.5	01/22/00	VN	1634-04-4	
Xylene (Total)	3.6	ug/l	0.5	01/22/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	105	%		01/22/00	VN	2164-17-2	

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical

Pace Project Number: 6037594
Client Project ID: BP 11270

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[1]	Matrix Effect
[2]	Solvent Peak Present

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical

QUALITY CONTROL DATA

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

Pace Project Number: 6037594
Client Project ID: BP 11270

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

QC Batch ID: 76973
QC Batch Method: EPA 8015/8020 Modif
Analysis Method: EPA 8015/8020 Modif
Analysis Description: GAS BTEX by 8015, Water
Associated Pace Samples: 603180183 603180191 603180209

METHOD BLANK: 603196726
Associated Pace Samples:
603180183 603180191 603180209

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline	ug/l	ND	12	
Benzene	ug/l	ND	0.05	
Toluene	ug/l	ND	0.05	
Ethylbenzene	ug/l	ND	0.05	
Methyl-tert-butyl Ether	ug/l	ND	0.05	
Xylene (Total)	ug/l	ND	0.05	
a,a,a-Trifluorotoluene (S)	%	104		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 603196734 603196742

Parameter	Units	603193723	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline	ug/l	0	40	39.90	99.8	39.90	99.8	0	
Benzene	ug/l	0	6.667	6.900	104	6.860	103	1	
Toluene	ug/l	0	6.667	7.520	113	7.540	113	0	
Ethylbenzene	ug/l	0	6.667	7.640	115	7.560	113	1	
Methyl-tert-butyl Ether	ug/l	0	6.667	6.720	101	6.930	104	3	
a,a,a-Trifluorotoluene (S)					101		105		

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical

Pace Project Number: 6037594
Client Project ID: BP 11270

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

BP CHAIN OF CUSTODY

15853 A

6037594

Page 1 of 1

CONSULTANT'S NAME	CONSULTANT'S ADDRESS		
Blaine Tech Services, Inc.	1680 Rogers Ave., San Jose CA 95112		
BP SITE NUMBER: 11270	BP SITE / FACILITY ADDRESS: 3255 McCartney Rd., Alameda		CONSULTANT PROJECT NUMBER: 000112.F2
CONSULTANT PROJECT MANAGER: Morgan Hargrave	PHONE NUMBER: (408) 573-0555 x 218	FAX NUMBER: (408) 573-7771	CONSULTANT CONTRACT NUMBER:
BP CONTACT: Scott Hooton	BP ADDRESS: 295 SW 41st Street, Suite N, Renton WA	PHONE NUMBER: (425) 251-0689	FAX NO.: (425) 251-0736
LAB CONTACT: Pace - Lily Bayati	LABORATORY ADDRESS: 3970 Gilman Street, Long Beach, CA	PHONE NUMBER: (562) 498-9515	FAX NO.: (562) 597-0786
BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name)	RUSH REQUESTED OF (Print Consultant Contact Name)	DATE/TIME	SHIPMENT DATE / 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
C	11-00	1406	W	3	HCl 40 mL VOA		X				
A	↓	1440	X	X			X				
B	↓	1427	X	X			X				

SAMPLED BY (Please Print Name): MIKE STEWART

SAMPLED BY (Signature):

ADDITIONAL COMMENTS:

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
	11/13/2000	13:30	NOEL TONAL / NDK	11/14/00	9:00

Field
Data
Sheets

WELL GAUGING DATA

Project # 000112FZ Date 1-12-00 Client BP

Site 3255 Mecartney RD. Alameda Ca.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-5	4					6.97	14.73	TOC	
MW-6	4					7.30	14.87		A
MW-7	2					7.81	14.75		B
XW-1	2					6.49	15.55		
XW-2	2					6.63	14.27		
XW-3	2					7.69	13.70	↓	C

BP WELL MONITORING DATA SHEET

Project #: 000112 F2	Station # 11270
Sampler: Mike S.	Date: 1-12-00
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.87	Depth to Water: 7.30
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
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Other: _____

4.9	X	3	=	14.7 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1434	61.9	7.4	1030	5	clear
1435	62.3	7.1	1042	10	↓
1436	62.2	7.0	1045	15	↓

Did well dewater? Yes (No)		Gallons actually evacuated: 15	
Sampling Time: 1440		Sampling Date: 1-12-00	
Sample I.D. (Blind): MW-6 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 #: 000112 SL	Station # 11270
Sampler: Mike S.	Date: 1-12-00
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 14.75	Depth to Water: 7.81
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
- X Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Other: _____

1.1	X	3	=	3.3 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1419	64.7	7.1	>10,000	2	
1422	64.9	7.0	>10,000	3	
1425	~~65~~ 65.0	7.0	>10,000	4	

Did well dewater? Yes (No)		Gallons actually evacuated: 4	
Sampling Time: 1427		Sampling Date: 1-12-00	
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 #: 000112.F2	Station # 11270
Sampler: MIKE S.	Date: 1-12-00
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.70	Depth to Water: 7.69
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
X Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other: ___

Sampling Method:
Bailer
X Disposable Bailer
Extraction Port
Other: ___

0.9	X	3	=	2.8 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1357	63.7	7.5	>10,000	1	
1400	63.5	7.3	>10,000	2	
1402	63.4	7.3	>10,000	3	

Did well dewater? Yes (No)		Gallons actually evacuated: 3	
Sampling Time: 1406		Sampling Date: 1-12-00	
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