Scott T. Hooton
Team Leader

BP Amoco Oil Corporation
295 SW 41st Street
Bldg 13, Suite N
Renton, WA 98055
425/251-0689
425/251-0736 FAX

May 5, 2000

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

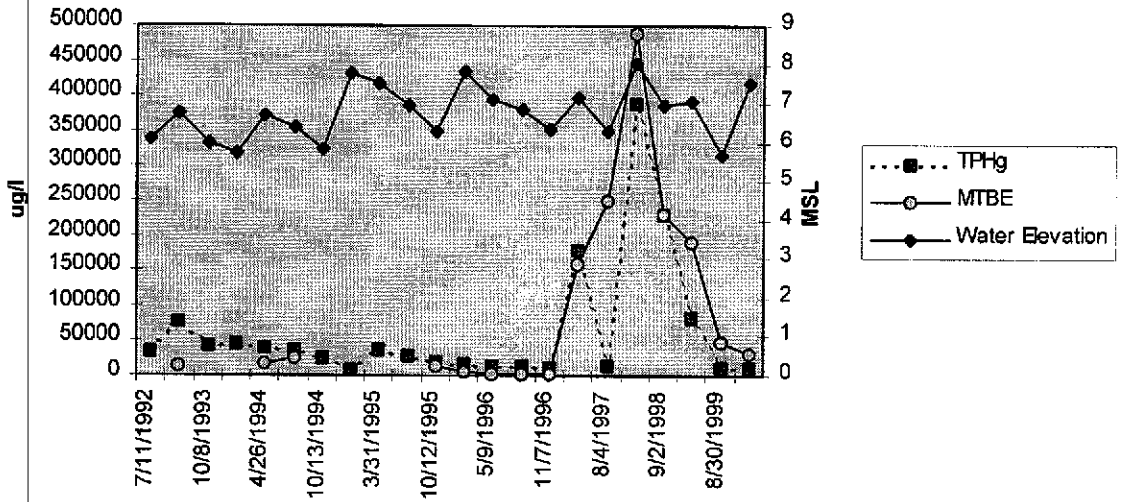
RE: Former BP Oil Site No. 11104
1716 Webster Street (at Buena Vista)
Alameda, CA

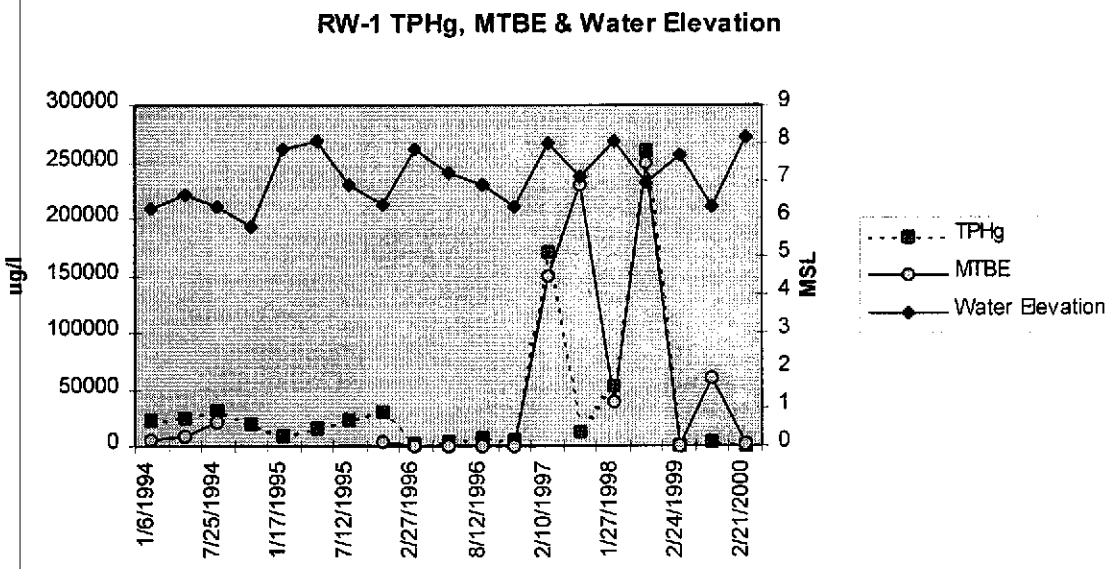
Dear Ms. Chu:

Enclosed find the 19 April 2000 *First Quarter 2000 Groundwater Monitoring* report prepared by Blaine Tech Services on behalf of BP. The report summarizes chemical data obtained since 1992, including the results associated with samples obtained on 21 February 2000.

The report shows that aromatic petroleum hydrocarbons were detected in samples obtained in two of the wells sampled this quarter. The highest benzene concentration (1,200 ug/l) was detected in a sample obtained from well MW-1, located immediately adjacent to the underground storage tank area. MTBE concentrations were also reported in samples obtained from wells RW-1 (2,500 ug/l) and MW-1 (31,000 ug/l). TPHg and MTBE concentration trends are depicted on the graphs shown below.

MW-1 TPHg, MTBE & Water Elevation





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

Sincerely,

Scott Hooton

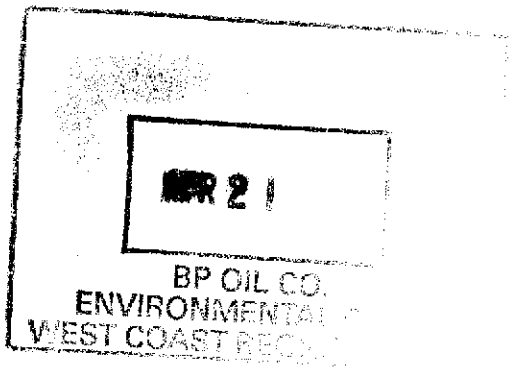
attachment

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

. . . Once/week, 5000 gal Stg of GW extracted from tank pt since Jan 2000

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 19, 2000

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

1st Quarter 2000 Monitoring at 11104

First Quarter 2000 Groundwater Monitoring
BP Service Station Number 11104
1716 Webster Street
Alameda, CA

Monitoring Performed on February 21, 2000

Groundwater Sampling Report **000221-G-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 **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.

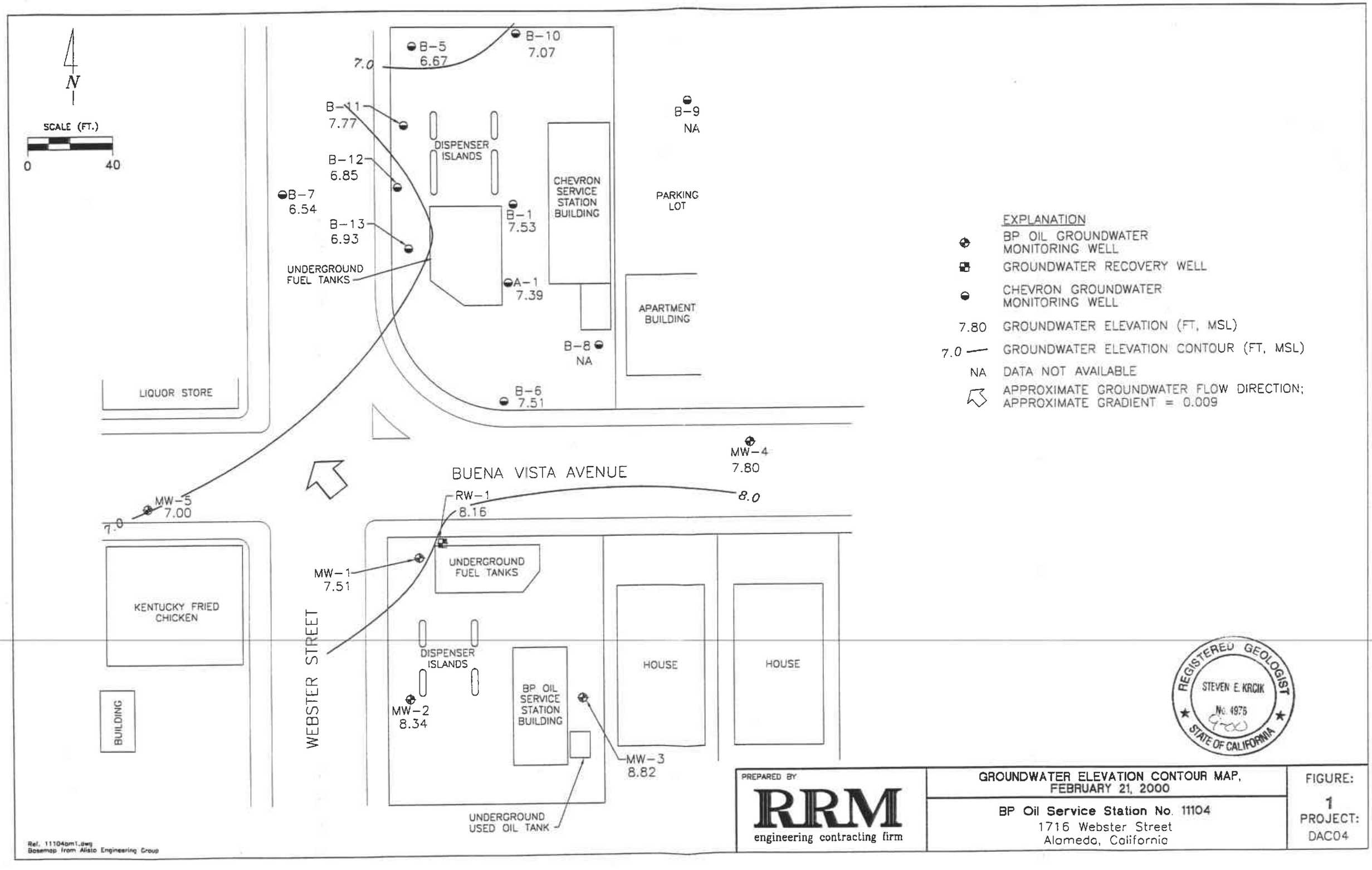
Please call if you have any questions.

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



Ref. 11104bm1.dwg
Basemap from Alisto Engineering Group

PREPARED BY
RRM
engineering contracting firm

GROUNDWATER ELEVATION CONTOUR MAP, FEBRUARY 21, 2000

BP Oil Service Station No. 11104
1716 Webster Street
Alameda, California

FIGURE: 1
PROJECT: DAC04

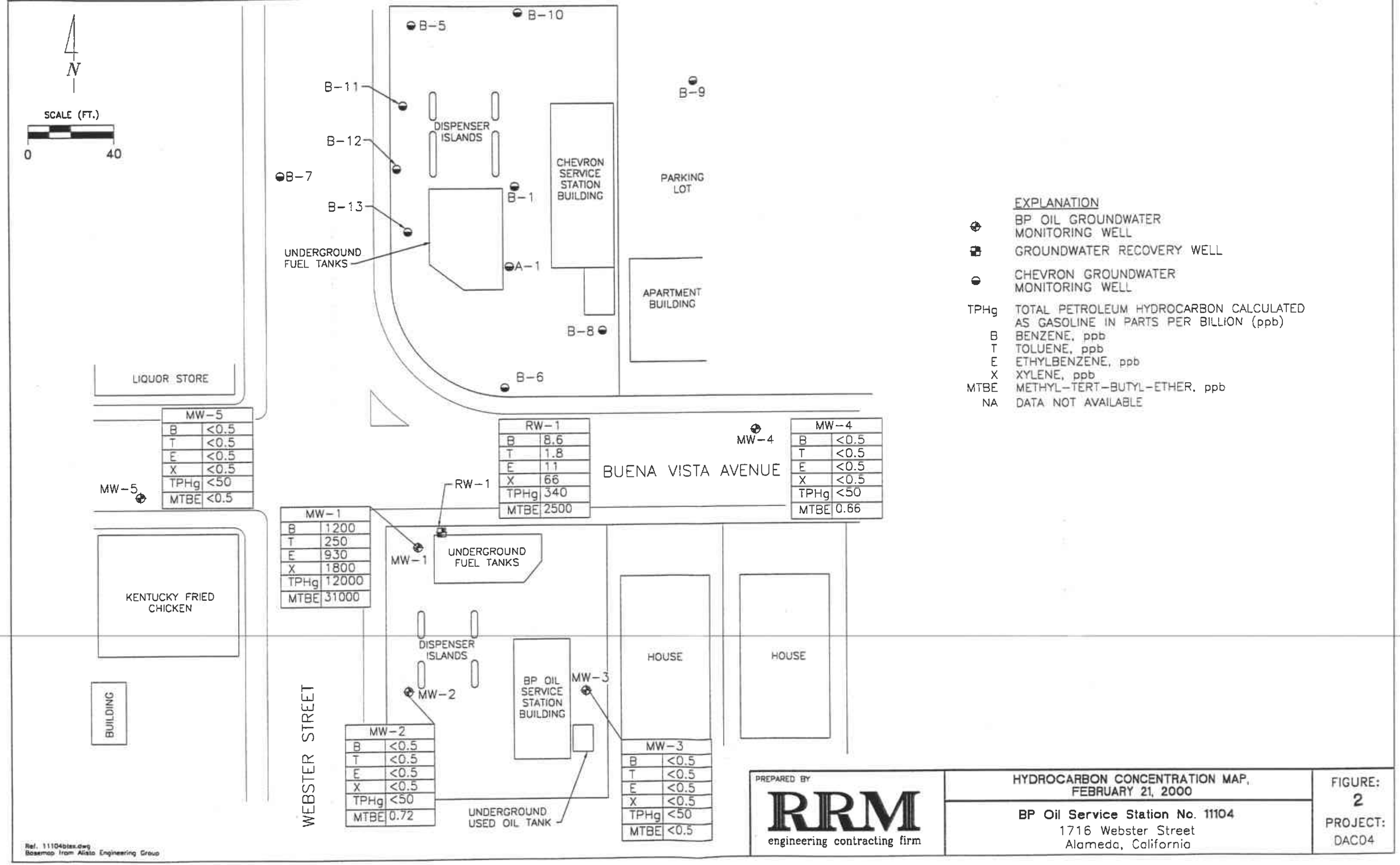

N
SCALE (FT.)
0
40
B-5
B-10
B-11
B-12
B-13
B-7
B-1
A-1
B-9
B-8
B-6
DISPENSER ISLANDS
CHEVRON SERVICE STATION BUILDING
PARKING LOT
UNDERGROUND FUEL TANKS
APARTMENT BUILDING
LIQUOR STORE
MW-5
B <0.5
T <0.5
E <0.5
X <0.5
TPHg <50
MTBE <0.5
RW-1
B 8.6
T 1.8
E 11
X 66
TPHg 340
MTBE 2500
MW-4
B <0.5
T <0.5
E <0.5
X <0.5
TPHg <50
MTBE 0.66
BUENA VISTA AVENUE
MW-1
B 1200
T 250
E 930
X 1800
TPHg 12000
MTBE 31000
KENTUCKY FRIED CHICKEN
UNDERGROUND FUEL TANKS
DISPENSER ISLANDS
MW-2
B <0.5
T <0.5
E <0.5
X <0.5
TPHg <50
MTBE 0.72
BP OIL SERVICE STATION BUILDING
MW-3
B <0.5
T <0.5
E <0.5
X <0.5
TPHg <50
MTBE <0.5
HOUSE
HOUSE
BUILDING
WEBSTER STREET
UNDERGROUND USED OIL TANK
EXPLANATION
BP OIL GROUNDWATER MONITORING WELL
GROUNDWATER RECOVERY WELL
CHEVRON GROUNDWATER MONITORING 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. 11104bfss.dwg
Basemap from Alisto Engineering Group
PREPARED BY
RRM
engineering contracting firm
HYDROCARBON CONCENTRATION MAP, FEBRUARY 21, 2000
BP Oil Service Station No. 11104
1716 Webster Street
Alameda, 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)		TDS (mg/l)	DO (ppm)	LAB
MW-1		07/21/92	11.98	5.91	6.07	34000		7000	1700	2500	6900	---		---	---	---
MW-1		10/20/92	11.98	6.66	5.32	---		---	---	---	---	---		---	---	---
MW-1		03/05/93	11.98	4.56	7.42	---		---	---	---	---	---		---	---	---
MW-1		04/01/93	11.98	4.57	7.41	---		---	---	---	---	---		---	---	---
MW-1		07/09/93	11.98	5.25	6.73	77000		15000	1400	2100	7400	13,000	(c)	---	---	PACE
QC-1	(d)	07/09/93	---	---	---	79000		16000	1500	2200	7700	14,000	(c)	---	---	PACE
MW-1		10/08/93	11.98	6.01	5.97	42000		7100	270	2700	4700	---		---	---	PACE
MW-1		01/06/94	11.98	6.24	5.74	45000		12000	4300	3000	6700	---		---	---	PACE
MW-1		04/26/94	11.98	5.26	6.72	39000		6500	500	1800	1200	17000	(c)	---	6.3	PACE
MW-1		07/25/94	11.98	5.60	6.38	38000		6300	240	1500	1100	26000	(c)	---	1.7	PACE
MW-1		10/13/94	11.98	6.15	5.83	25000		6300	130	1300	830	---		---	2.3	PACE
QC-1	(d)	10/13/94	---	---	---	25000		7300	120	1200	740	---		---	---	PACE
MW-1		01/17/95	11.98	4.19	7.79	7800		3100	1100	460	850	---		---	7.9	ATI
QC-1	(d)	01/17/95	---	---	---	8400		3100	1200	470	1000	---		---	---	ATI
MW-1		03/31/95	11.98	4.48	7.50	37000		6700	6900	1200	4500	---		---	6.4	ATI
QC-1	(d)	03/31/95	---	---	---	40000		6900	7300	1300	5000	---		---	---	ATI
MW-1		05/01/95	11.98	4.39	7.59	---		---	---	---	---	---		---	---	---
MW-1		07/12/95	11.98	5.02	6.96	29000		7000	300	1500	3900	---		---	7.2	ATI
QC-1	(d)	07/12/95	---	---	---	29000		6600	380	1500	3900	---		---	---	ATI
MW-1		10/12/95	11.98	5.68	6.30	20000		3400	310	1100	3000	15000		---	6.3	ATI
QC-1	(d)	10/12/95	---	---	---	20000		3500	310	1100	3000	14000		---	---	ATI
MW-1		02/27/96	11.98	4.18	7.80	18000		4400	2900	860	2380	5500		472	7.9	SPL
MW-1		05/08/96	11.98	4.89	7.09	---		---	---	---	---	---		---	---	---
MW-1		05/09/96	11.98	---	---	14000		2300	1900	540	3340	2700		---	6.1	SPL
MW-1		08/09/96	11.98	5.13	6.85	---		---	---	---	---	---		---	---	---
MW-1		08/12/96	11.98	---	---	13000		2800	190	1300	3040	1800		---	7.1	SPL
MW-1		11/07/96	11.98	5.65	6.33	12000		2100	35	ND<25	ND<25	2100		---	7.2	SPL
MW-1		02/10/97	11.98	4.80	7.18	180000		1900	ND<500	ND<500	ND<500	160000		---	6.8	SPL
QC-1	(d)	02/10/97	---	---	---	180000		2100	ND<500	ND<500	ND<500	160000		---	---	SPL
MW-1		08/04/97	11.98	5.69	6.29	14000		2700	ND<50	1200	1220	250000		---	7.2	SPL
QC-1	(d)	08/04/97	---	---	---	ND<25000		2600	ND<50	1200	1100	260000		---	---	SPL
MW-1		01/27/98	11.98	3.96	8.02	390000		4400	4300	1600	2890	490000		---	6.4	SPL
MW-1		09/02/98	11.98	5.03	6.95	230000		3900	ND<50	1900	1000	230000		---	6.3	SPL
MW-1		02/24/99	11.98	4.94	7.04	82000		3000	520	2600	3200	190000/200000	(h)	---	---	SPL
MW-1		08/30/99	11.98	6.31	5.67	11000		2100	ND<25	1800	580	48000		---	---	SPL
MW-1		02/21/00	11.98	4.47	7.51	12000	(i)	1200	250	930	1800	31000		---	---	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)	TDS (mg/l)	DO (ppm)	LAB
MW-2	07/21/92	12.98	6.44	6.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-2	10/20/92	12.98	7.39	5.59	---	---	---	---	---	---	---	---	---
MW-2	03/05/93	12.98	4.91	8.07	---	---	---	---	---	---	---	---	---
MW-2	04/01/93	12.98	4.92	8.06	---	---	---	---	---	---	---	---	---
MW-2	07/09/93	12.98	5.60	7.38	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-2	10/08/93	12.98	6.50	6.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-1 (d)	10/08/93	12.98	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-2	01/06/94	12.98	6.25	6.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-2	04/26/94	12.98	5.73	7.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	7.5	PACE
MW-2	07/25/94	12.98	6.07	6.91	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	2.4	PACE
MW-2	10/13/94	12.98	6.80	6.18	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	2.4	PACE
MW-2	01/17/95	12.98	5.10	7.88	---	---	---	---	---	---	---	---	---
MW-2	03/31/95	12.98	4.69	8.29	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	7.3	ATI
MW-2	05/01/95	12.98	5.23	7.75	---	---	---	---	---	---	---	---	---
MW-2	07/12/95	12.98	5.40	7.58	---	---	---	---	---	---	---	---	---
MW-2	10/12/95	12.98	6.06	6.92	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	6.9	ATI
MW-2	02/27/96	12.98	4.66	8.32	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	412	8.7	SPL
MW-2	05/08/96	12.98	5.28	7.70	---	---	---	---	---	---	---	---	---
MW-2	08/09/96	12.98	5.59	7.39	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	7.8	SPL
MW-2	11/07/96	12.98	6.11	6.87	---	---	---	---	---	---	---	---	---
MW-2	02/10/97	12.98	5.26	7.72	---	---	---	---	---	---	---	---	---
MW-2	08/04/97	12.98	6.14	6.84	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.5	SPL
MW-2	01/27/98	12.98	4.42	8.56	---	---	---	---	---	---	---	---	---
MW-2	09/02/98	12.98	5.47	7.51	100	0.56	3.6	ND<1.0	3.0	110	---	6.9	SPL
MW-2	02/24/99	12.98	5.12	7.86	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	8.2	---	---	SPL
MW-2	08/30/99	12.98	6.60	6.38	---	---	---	---	---	---	---	---	---
MW-2	02/21/00	12.98	4.64	8.34	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.72	---	---	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)	TDS (mg/l)	DO (ppm)	LAB
MW-3 (e)	07/21/92	13.38	7.07	6.31	ND<50	0.95	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-3	10/20/92	13.38	8.06	5.32	---	---	---	---	---	---	---	---	---
MW-3	03/05/93	13.38	5.16	8.22	---	---	---	---	---	---	---	---	---
MW-3	04/01/93	13.38	5.25	8.13	---	---	---	---	---	---	---	---	---
MW-3	07/09/93	13.38	5.80	7.58	ND<50	0.6	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-3	10/08/93	13.38	7.17	6.21	ND<50	0.6	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-3	01/06/94	13.38	6.94	6.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-3	04/26/94	13.38	6.18	7.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	3.1	PACE
MW-3	07/25/94	13.38	6.67	6.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	2.2	PACE
MW-3	10/13/94	13.38	7.43	5.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	2.1	PACE
MW-3	01/17/95	13.38	5.07	8.31	---	---	---	---	---	---	---	---	---
MW-3	03/31/95	13.38	4.03	9.35	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	6.6	ATI
MW-3	05/01/95	13.38	4.94	8.44	---	---	---	---	---	---	---	---	---
MW-3	07/12/95	13.38	5.80	7.58	---	---	---	---	---	---	---	---	---
MW-3	10/12/95	13.38	6.64	6.74	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	6.4	ATI
MW-3	02/27/96	13.38	4.75	8.63	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	316	8.5	SPL
MW-3	05/08/96	13.38	5.86	7.52	---	---	---	---	---	---	---	---	---
MW-3	08/09/96	13.38	5.70	7.68	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	7.9	SPL
MW-3	11/07/96	13.38	6.21	7.17	---	---	---	---	---	---	---	---	---
MW-3	02/10/97	13.38	5.14	8.24	---	---	---	---	---	---	---	---	---
MW-3	08/04/97	13.38	6.01	7.37	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.6	SPL
MW-3	01/27/98	13.38	4.30	9.08	---	---	---	---	---	---	---	---	---
MW-3	09/02/98	13.38	5.80	7.58	ND<50	ND<0.5	2.2	ND<1.0	ND<1.0	ND<10	---	6.6	SPL
MW-3	02/24/99	13.38	4.34	9.04	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	---	SPL
MW-3	08/30/99	13.38	6.59	6.79	---	---	---	---	---	---	---	---	---
MW-3	02/21/00	13.38	4.56	8.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	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)	TDS (mg/l)	DO (ppm)	LAB
MW-4	03/05/93	11.80	4.81	6.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-4	04/01/93	11.80	4.80	7.00	---	---	---	---	---	---	---	---	---
MW-4	07/09/93	11.80	5.54	6.26	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-4	10/08/93	11.80	6.28	5.52	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-4	01/06/94	11.80	5.82	5.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-4	04/26/94	11.80	5.50	6.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	7.4	PACE
MW-4	07/25/94	11.80	5.83	5.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	7.2	PACE
MW-4	10/13/94	11.80	6.26	5.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	6.7	PACE
MW-4	01/17/95	11.80	4.19	7.61	---	---	---	---	---	---	---	---	---
MW-4	03/31/95	11.80	3.96	7.84	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	7.1	ATI
MW-4	05/01/95	11.80	4.49	7.31	---	---	---	---	---	---	---	---	---
MW-4	07/12/95	11.80	5.16	6.64	---	---	---	---	---	---	---	---	---
MW-4	10/12/95	11.80	5.80	6.00	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	6.9	ATI
MW-4	02/27/96	11.80	4.22	7.58	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	256	8.9	SPL
MW-4	05/08/96	11.80	5.00	6.80	---	---	---	---	---	---	---	---	---
MW-4	08/09/96	11.80	5.13	6.67	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	8.5	SPL
MW-4	11/07/96	11.80	5.65	6.15	---	---	---	---	---	---	---	---	---
MW-4	02/10/97	11.80	4.81	6.99	---	---	---	---	---	---	---	---	---
MW-4	08/04/97	11.80	5.72	6.08	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.4	SPL
MW-4	01/27/98	11.80	4.06	7.74	---	---	---	---	---	---	---	---	---
MW-4	09/02/98	11.80	4.89	6.91	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	5.8	SPL
MW-4	02/24/99	11.80	3.89	7.91	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	---	SPL
MW-4	08/30/99	11.80	5.62	6.18	---	---	---	---	---	---	---	---	---
MW-4	02/21/00	11.80	4.00	7.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.66	---	---	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)	TDS (mg/l)	DO (ppm)	LAB
MW-5	04/01/93	11.62	4.77	6.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-5	07/09/93	11.62	5.40	6.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-5	10/08/93	11.62	5.87	5.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-5	01/06/94	11.62	5.75	5.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
MW-5	04/26/94	11.62	5.49	6.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	7.1	PACE
MW-5	07/25/94	11.62	5.69	5.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	6.6	PACE
MW-5	10/13/94	11.62	6.03	5.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	3.0	PACE
MW-5	01/17/95	11.62	4.74	6.88	---	---	---	---	---	---	---	---	---
MW-5	03/31/95	11.62	4.58	7.04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	7.1	ATI
MW-5	05/01/95	11.62	4.79	6.83	---	---	---	---	---	---	---	---	---
MW-5	07/12/95	11.62	5.32	6.30	---	---	---	---	---	---	---	---	---
MW-5	10/12/95	11.62	5.70	5.92	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	6.7	ATI
MW-5 (f)	02/27/96	11.62	---	---	---	---	---	---	---	---	---	---	---
MW-5	05/08/96	11.62	4.91	6.71	---	---	---	---	---	---	---	---	---
MW-5	08/09/96	11.62	5.01	6.61	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	7.7	SPL
MW-5	11/07/96	11.62	5.54	6.08	---	---	---	---	---	---	---	---	---
MW-5	02/10/97	11.62	4.66	6.96	---	---	---	---	---	---	---	---	---
MW-5	08/04/97	11.62	5.51	6.11	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.9	SPL
MW-5	01/27/98	11.62	4.01	7.61	---	---	---	---	---	---	---	---	---
MW-5	09/02/98	11.62	5.17	6.45	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.4	SPL
MW-5	02/24/99	11.62	4.52	7.10	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	---	SPL
MW-5	08/30/99	11.62	6.02	5.60	---	---	---	---	---	---	---	---	---
MW-5	02/21/00	11.62	4.62	7.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	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)		TDS (mg/l)	DO (ppm)	LAB
RW-1		01/06/94	11.84	5.59	6.25	23000		3800	210	840	2100	4600	(c)	---	---	PACE
QC-1	(d)	01/06/94	---	---	---	24000		3700	210	830	2000	4700	(c)	---	---	PACE
RW-1		04/26/94	11.84	5.21	6.63	24000		3500	120	800	1700	8100	(c)	---	6.4	PACE
QC-1	(d)	04/26/94	---	---	---	22000		3300	110	700	1700	6900	(c)	---	---	PACE
RW-1		07/25/94	11.84	5.52	6.32	31000		4800	290	1100	1700	21000	(c)	---	5.5	PACE
QC-1	(d)	07/25/94	---	---	---	28000		4400	240	960	1400	19000	(c)	---	---	PACE
RW-1		10/13/94	11.84	6.05	5.79	20000		4200	46	990	440	---		---	6.8	PACE
RW-1		01/17/95	11.84	4.02	7.82	9600		1500	65	300	2700	---		---	7.7	ATI
RW-1		03/31/95	11.84	3.81	8.03	16000		1500	780	370	2000	---		---	7.8	ATI
RW-1		05/01/95	11.84	4.21	7.63	---		---	---	---	---	---		---	---	---
RW-1		07/12/95	11.84	4.93	6.91	22000		3700	150	950	2800	---		---	7.2	ATI
RW-1		10/12/95	11.84	5.46	6.38	30000		1600	1500	1700	8500	4300		---	7.0	ATI
RW-1		02/27/96	11.84	4.00	7.84	1800		30	24	41	440	52		194	7.7	SPL
QC-1	(d)	02/27/96	---	---	---	1600		30	23	38	420	50		---	---	SPL
RW-1		05/08/96	11.84	4.65	7.19	---		---	---	---	---	---		---	---	---
RW-1		05/09/96	11.84	---	---	3200		19	19	97	800	ND<50		---	7.1	SPL
QC-1	(d)	05/09/96	---	---	---	2900		15	15	78	700	ND<50		---	---	SPL
RW-1		08/09/96	11.84	4.96	6.88	---		---	---	---	---	---		---	---	---
RW-1		08/12/96	11.84	---	---	6900		210	270	390	1920	ND<100		---	7.9	SPL
QC-1	(d)	08/12/96	---	---	---	8200		270	330	450	2330	ND<100		---	---	SPL
RW-1		11/07/96	11.84	5.50	6.34	6100		320	45	ND<10	ND<10	430		---	6.9	SPL
QC-1	(d)	11/07/96	---	---	---	6800		360	45	ND<10	ND<10	500		---	---	SPL
RW-1		02/10/97	11.84	3.85	7.99	170000		ND<120	ND<250	ND<250	ND<250	150000		---	6.7	SPL
RW-1		08/04/97	11.84	4.72	7.12	ND<25000		580	450	630	3700	230000		---	6.9	SPL
RW-1		01/27/98	11.84	3.80	8.04	52000		380	330	490	2970	38000		---	6.1	SPL
QC-1	(d)	01/27/98	---	---	---	51000		380	300	480	2980	36000		---	---	SPL
RW-1		09/02/98	11.84	4.91	6.93	260000		2500	56	1400	3070	250000		---	6.6	SPL
QC-1	(d)	09/02/98	---	---	---	280000		2400	ND<50	1400	3170	270000		---	---	SPL
RW-1		02/24/99	11.84	4.16	7.68	120		ND<1.0	ND<1.0	1.5	13	130/140	(h)	---	---	SPL
RW-1		08/30/99	11.84	5.52	6.32	3100		320	ND<25	120	28	60000		---	---	SPL
RW-1		02/21/00	11.84	3.68	8.16	340	(i)	8.6	1.8	11	66	2500		---	---	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)	TDS (mg/l)	DO (ppm)	LAB
QC-2 (g)	07/09/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	10/08/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	01/06/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	04/26/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	07/25/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	10/13/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	01/17/95	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	ATI
QC-2 (g)	03/31/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
QC-2 (g)	07/12/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
QC-2 (g)	10/12/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	ATI
QC-2 (g)	02/27/96	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	SPL
QC-2 (g)	05/09/96	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	SPL

ABBREVIATIONS:

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

NOTES:

(a) Top of casing elevations surveyed in reference to USGS benchmark (14.108 feet above mean sea level) at northwest corner of Webster Street and Pacific Avenue.

(b) Groundwater elevations in feet above mean sea level.

(c) A copy of the documentation for this data is included in Appendix C of Alisto report 10-155-07-001.

(d) Blind duplicate.

(e) Sample also analyzed for cadmium, nickel, chromium, lead, and zinc. None were detected above the reported detection limit.

(f) Well inaccessible.

(g) Travel blank.

(h) MTBE by EPA Methods 8020/8260

(i) Gasoline does not include MTBE.

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)
A-1	05/01/95	11.56	5.80	0.60	6.21
A-1	05/08/96	11.56	5.49	0.28	6.28
A-1	08/23/96	11.56	6.43	0.22	5.30
A-1	02/10/97	11.56	4.45	0.17	7.24
A-1	08/05/97	11.56	5.96	0.10	5.68
A-1	02/04/98	11.56	3.20	0.04	8.39
A-1	02/24/99	11.56	4.41	0.60	7.60
A-1	08/30/99	11.56	6.04	---	5.52
A-1	02/21/00	11.56	4.23	0.08	7.39
B-1	02/15/95	12.12	5.37	---	6.75
B-1	05/01/95	12.12	5.12	---	7.00
B-1	05/08/96	12.12	4.80	---	7.32
B-1	08/23/96	12.12	5.54	---	6.58
B-1	02/10/97	12.12	4.59	---	7.53
B-1	08/05/97	12.12	6.44	---	5.68
B-1	02/04/98	12.12	3.01	---	9.11
B-1	02/24/99	12.12	4.29	---	7.83
B-1	08/30/99	12.12	6.21	---	5.91
B-1	02/21/00	12.12	4.59	---	7.53
B-5	02/15/95	10.18	4.15	---	6.03
B-5	05/01/95	10.18	4.43	---	5.75
B-5	05/08/96	10.18	4.40	---	5.78
B-5	08/23/96	10.18	4.99	---	5.19
B-5	02/10/97	10.18	3.63	---	6.55
B-5	08/05/97	10.18	4.89	---	5.29
B-5	02/04/98	10.18	2.53	---	7.65
B-5	02/24/99	10.18	3.39	---	6.79
B-5	08/30/99	10.18	5.16	---	5.02
B-5	02/21/00	10.18	3.51	---	6.67
B-6	02/15/95	11.97	4.70	---	7.27
B-6	05/01/95	11.97	5.03	---	6.94
B-6	05/08/96	11.97	5.23	---	6.74
B-6	08/23/96	11.97	6.05	---	5.92
B-6	02/10/97	11.97	4.37	---	7.60
B-6	08/05/97	11.97	5.75	---	6.22
B-6	02/04/98	11.97	2.71	---	9.26
B-6	02/24/99	11.97	4.18	---	7.79
B-6	08/30/99	11.97	5.91	---	6.06
B-6	02/21/00	11.97	4.46	---	7.51
B-7	02/15/95	10.54	4.22	---	6.32
B-7	05/01/95	10.54	4.50	---	6.04
B-7	08/23/96	10.54	---	---	---
B-7	02/10/97	10.54	---	---	---
B-7	08/05/97	10.54	---	---	---
B-7	02/04/98	10.54	---	---	---
B-7	02/24/99	10.54	3.30	---	7.24
B-7	08/30/99	10.54	5.29	---	5.25
B-7	02/21/00	10.54	4.00	---	6.54

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)
B-8	02/15/95	11.99	4.72	---	7.27
B-8	05/01/95	11.99	5.00	---	6.99
B-8	08/23/96	11.99	---	---	---
B-8	02/10/97	11.99	---	---	---
B-8	08/05/97	11.99	---	---	---
B-8	02/04/98	11.99	---	---	---
B-8	02/24/99	11.99	4.23	---	7.76
B-9	02/15/95	10.70	3.61	---	7.09
B-9	05/01/95	10.70	4.29	---	6.41
B-9	08/23/96	10.70	---	---	---
B-9	02/10/97	10.70	---	---	---
B-9	08/05/97	10.70	---	---	---
B-9	02/04/98	10.70	---	---	---
B-10	05/08/96	11.42	5.55	---	5.87
B-10	08/23/96	11.42	6.19	---	5.23
B-10	02/10/97	11.42	4.58	---	6.84
B-10	08/05/97	11.42	6.30	---	5.12
B-10	02/04/98	11.42	2.89	---	8.53
B-10	02/24/99	11.42	4.23	---	7.19
B-10	08/30/99	11.42	6.36	---	5.06
B-10	02/21/00	11.42	4.35	---	7.07
B-11	05/08/96	11.98	5.00	---	6.98
B-11	08/23/96	11.98	5.61	---	6.37
B-11	02/10/97	11.98	4.07	---	7.91
B-11	08/05/97	11.98	5.60	---	6.38
B-11	02/04/98	11.98	2.59	---	9.39
B-11	02/24/99	11.98	4.19	---	7.79
B-11	08/30/99	11.98	5.80	---	6.18
B-11	02/21/00	11.98	4.21	---	7.77
B-12	05/08/96	11.16	5.08	---	6.08
B-12	08/23/96	11.16	5.65	---	5.51
B-12	02/10/97	11.16	4.11	---	7.05
B-12	08/05/97	11.16	5.61	---	5.55
B-12	02/04/98	11.16	2.63	---	8.53
B-12	02/24/99	11.16	4.00	---	7.16
B-12	08/30/99	11.16	5.84	---	5.32
B-12	02/21/00	11.16	4.31	---	6.85

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING

WELL ID	DATE OF MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)
B-13	05/08/96	11.17	4.97	---	6.20
B-13	08/23/96	11.17	5.63	---	5.54
B-13	02/10/97	11.17	4.12	---	7.05
B-13	08/05/97	11.17	5.65	---	5.52
B-13	02/04/98	11.17	2.69	---	8.48
B-13	02/24/99	11.17	4.03	---	7.14
B-13	08/30/99	11.17	5.74	---	5.43
B-13	02/21/00	11.17	4.24	---	6.93

NOTES:

(a) Top of casing elevations surveyed relative to 1929 NGVD.
Measured in feet above mean sea level.

(b) Groundwater elevations assuming a specific gravity of 0.75 for separate-phase product.

--- Not measured.

Analytical Appendix

Pace Analytical

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

March 02, 2000

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

RE: Pace Project Number: 6038760
Client Project ID: BP 11104

Dear Mr. HARGRAVE:

Enclosed are the results of analyses for sample(s)received by the laboratory on February 28, 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: 03/02/00
PAGE: 1

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

Pace Project Number: 6038760
Client Project ID: BP 11104

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

Solid results are reported on a wet weight basis

Pace Sample No: 603279456 Date Collected: 02/21/00 Matrix: Water
Client Sample ID: A Date Received: 02/28/00

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	02/28/00	VN		
Benzene	ND	ug/l	0.5	02/28/00	VN	71-43-2	
Toluene	ND	ug/l	0.5	02/28/00	VN	108-88-3	
Ethylbenzene	ND	ug/l	0.5	02/28/00	VN	100-41-4	
Methyl-tert-butyl Ether	0.72	ug/l	0.5	02/28/00	VN	1634-04-4	
Xylene (Total)	ND	ug/l	0.5	02/28/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	122	%		02/28/00	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: 6038760
Client Project ID: BP 11104

Pace Sample No: 603279464 Date Collected: 02/21/00 Matrix: Water
Client Sample ID: B Date Received: 02/28/00

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	02/28/00	VN		
Benzene	ND	ug/l	0.5	02/28/00	VN	71-43-2	
Toluene	ND	ug/l	0.5	02/28/00	VN	108-88-3	
Ethylbenzene	ND	ug/l	0.5	02/28/00	VN	100-41-4	
Methyl-tert-butyl Ether	ND	ug/l	0.5	02/28/00	VN	1634-04-4	
Xylene (Total)	ND	ug/l	0.5	02/28/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	116	%		02/28/00	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: 6038760
Client Project ID: BP 11104

Pace Sample No: 603279472 Date Collected: 02/21/00 Matrix: Water
Client Sample ID: C Date Received: 02/28/00

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	02/28/00	VN		
Benzene	ND	ug/l	0.5	02/28/00	VN	71-43-2	
Toluene	ND	ug/l	0.5	02/28/00	VN	108-88-3	
Ethylbenzene	ND	ug/l	0.5	02/28/00	VN	100-41-4	
Methyl-tert-butyl Ether	0.66	ug/l	0.5	02/28/00	VN	1634-04-4	
Xylene (Total)	ND	ug/l	0.5	02/28/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	128	%		02/28/00	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: 6038760
Client Project ID: BP 11104

Pace Sample No: 603279480 Date Collected: 02/21/00 Matrix: Water
Client Sample ID: D Date Received: 02/28/00

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	02/28/00	VN		
Benzene	ND	ug/l	0.5	02/28/00	VN	71-43-2	
Toluene	ND	ug/l	0.5	02/28/00	VN	108-88-3	
Ethylbenzene	ND	ug/l	0.5	02/28/00	VN	100-41-4	
Methyl-tert-butyl Ether	ND	ug/l	0.5	02/28/00	VN	1634-04-4	
Xylene (Total)	ND	ug/l	0.5	02/28/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	129	%		02/28/00	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: 6038760
Client Project ID: BP 11104

Pace Sample No: 603279498 Date Collected: 02/21/00 Matrix: Water
Client Sample ID: E Date Received: 02/28/00

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	340	ug/l	50	02/28/00	VN		1
Benzene	8.6	ug/l	0.5	02/28/00	VN	71-43-2	
Toluene	1.8	ug/l	0.5	02/28/00	VN	108-88-3	
Ethylbenzene	11	ug/l	0.5	02/28/00	VN	100-41-4	
Methyl-tert-butyl Ether	2500	ug/l	75	02/28/00	VN	1634-04-4	
Xylene (Total)	66	ug/l	0.5	02/28/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	130	%		02/28/00	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: 6038760
Client Project ID: BP 11104

Pace Sample No: 603279506 Date Collected: 02/21/00 Matrix: Water
Client Sample ID: F Date Received: 02/28/00

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	12000	ug/l	7500	02/28/00	VN		1
Benzene	1200	ug/l	75	02/28/00	VN	71-43-2	
Toluene	250	ug/l	75	02/28/00	VN	108-88-3	
Ethylbenzene	930	ug/l	75	02/28/00	VN	100-41-4	
Methyl-tert-butyl Ether	31000	ug/l	750	02/28/00	VN	1634-04-4	
Xylene (Total)	1800	ug/l	75	02/28/00	VN	1330-20-7	
a,a,a-Trifluorotoluene (S)	124	%		02/28/00	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: 6038760
Client Project ID: BP 11104

PARAMETER FOOTNOTES

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

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: 6038760
Client Project ID: BP 11104

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

QC Batch ID: 78935
QC Batch Method: EPA 8015/8020 Modif
Analysis Method: EPA 8015/8020 Modif
Analysis Description: GAS BTEX by 8015, Water
Associated Pace Samples: 603279456 603279464 603279472 603279480 603279498 603279506

METHOD BLANK: 603279019
Associated Pace Samples: 603279456 603279464 603279472 603279480 603279498 603279506

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)	%	124		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 603281403 603281411

Parameter	Units	603279464	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline	ug/l	0	40	39.50	98.8	40.30	101	2	
Benzene	ug/l	0	6.667	7.600	114	7.760	116	2	
Toluene	ug/l	0	6.667	8.230	124	8.320	125	1	
Ethylbenzene	ug/l	0	6.667	7.750	116	7.890	118	2	
Methyl-tert-butyl Ether	ug/l	0.1800	6.667	8.440	124	9.086	134	8	
a,a,a-Trifluorotoluene (S)					125		130		

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

Pace Project Number: 6038760
Client Project ID: BP 11104

LABORATORY CONTROL SAMPLE & LCSD: 603279027 603279035

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Gasoline	ug/l	40	36.40	91.0	37.90	94.8	4	
Benzene	ug/l	6.667	7.210	108	7.440	112	4	
Toluene	ug/l	6.667	7.170	108	7.390	111	3	
Ethylbenzene	ug/l	6.667	7.230	108	7.610	114	5	
Methyl-tert-butyl Ether	ug/l	6.667	7.660	115	7.650	115	0	
a,a,a-Trifluorotoluene (S)				125		117		

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: 6038760
Client Project ID: BP 11104

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

60 38760

CHAIN OF CUSTODY

Page 1 of 1

CONSULTANT'S NAME: Blaine Tech Services, Inc.	CONSULTANT'S ADDRESS: 1680 Rogers Ave., San Jose CA 95112		CONSULTANT PROJECT NUMBER: 000221-G1
BP SITE NUMBER: 11104	BP SITE / FACILITY ADDRESS: 1716 Webster St., Alameda		CONSULTANT CONTRACT NUMBER:
CONSULTANT PROJECT MANAGER: Morgan Hargrave	PHONE NUMBER: (408) 573-0555 x 218	FAX NUMBER: (408) 573-7771	
BP CONTACT: Scott Hooton	BP ADDRESS: 295 SW 41st Street, Suite N, Renton WA	PHONE NUMBER: (425) 251-0689	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: AIRBILL NUMBER:

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

ANALYSIS REQUIRED

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
A	2/21/00	10:10	H_2O	3	40ml		X				
B		10:45		3			X				
C		11:15		3			X				
D		12:00		3			X				
E		13:30		3			X				
F		13:10		3			X				

SAMPLED BY (Please Print Name): STEPHEN WIKENHURT

SAMPLED BY (Signature):

ADDITIONAL COMMENTS:

RELINQUISHED BY / AFFILIATION (Print Name / Signature)	DATE	TIME	ACCEPTED BY / AFFILIATION (Print Name / Signature)	DATE	TIME
	2/25/00	2:00	Lily Bayati	2/28/00	10:35 am

Field
Data
Sheets

WELL GAUGING DATA

Project # 000221 Date 2/21/00 Client BP

Site 1716 Webster St.

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-1	2	F				4.47	16.25	TOC	
MW-2	2	A				4.64	15.74	"	
MW-3	2	B				4.56	15.35	"	
MW-4	2	C				4.00	14.25	"	
MW-5	2	D				4.62	14.80	"	
RW-1	6	E				3.68	22.50	✓✓✓	

BP WELL MONITORING DATA SHEET

Project #: 000221-G1	Station # 1104
Sampler: Morgan G. / Stephan	Date: 2/2/00
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 16.25	Depth to Water: 4.47
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1.89 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 5.65 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1700	64.5	6.4	688	2	Sheen / ODOR
1302	63.2	6.6	701	4	
1304	62.6	6.6	714	6	

Did well dewater? Yes (No)	Gallons actually evacuated: 6
Sampling Time: 1310	Sampling Date: 2/2/00
Sample I.D. (Blind): ~~FB~~ F	Laboratory: SPL Other PACE
Analyzed for: (TPH-G BTEX MTBE) TPH-D	Other:
D.O. (if req'd): Pre-purge:	mg/L Post-purge:
O.R.P. (if req'd): Pre-purge:	mV Post-purge:

BP WELL MONITORING DATA SHEET

Project #: 000221-61	Station # 11104
Sampler: Morgan G. / Stephan	Date: 2/21/00
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 15.74	Depth to Water: 4.64
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1.78 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 5.33 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1000	62.6	6.1	718	2	H^{1}0 Recharge
1002	63.6	6.0	681	4	
1004	64.1	6.0	682	6	

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Time: 1010 Sampling Date: 2/21/00

Sample I.D. (Blind): A Laboratory: SPL Other PACE

Analyzed for: (TPH-G BTEX MTBE) TPH-D Other:

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

BP WELL MONITORING DATA SHEET

Project #: 00021-61	Station # 1104
Sampler: Morgan G. / Stephan	Date: 2/21/00
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 15.35	Depth to Water: 4.56
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1.73 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 5.18 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1030	57.8	6.3	243	2	
1033	60.0	6.3	260	4	
1036	60.0	6.3	276	6	

Did well dewater? Yes (No)

Gallons actually evacuated: 6

Sampling Time: 1045

Sampling Date: 2/21/00

Sample I.D. (Blind): B

Laboratory: SPL Other PACE

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 #: 000821-61	Station # 1104
Sampler: Morgan G. / Stephan	Date: 2/2/00
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 14.75	Depth to Water: 4.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 5.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1100	61.1	6.0	475	2	H2O Brown
1104	61.5	6.0	484	4	
1108	61.6	6.0	482	6	

Did well dewater? Yes (No)

Gallons actually evacuated: 6

Sampling Time: 1115

Sampling Date: 2/2/00

Sample I.D. (Blind): 2

Laboratory: SPL Other PACE

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 #: 20021-G1	Station # 1104
Sampler: Morgan G. / Stephan	Date: 2/21/00
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 14.80	Depth to Water: 4.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1.63 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.89 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
11:45	63.0	6.2	830	2	Bailer
11:50	64.1	6.4	820	4	
11:55	64.6	6.4	825	5	

Did well dewater? Yes (No)	Gallons actually evacuated: 5
Sampling Time: 12:00	Sampling Date: 2/21/00
Sample I.D. (Blind): D	Laboratory: SPL Other PACE
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 #: 00021-61	Station # 1104
Sampler: Morgan G. / Stephan	Date: 2/21/00
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 22.50	Depth to Water: 3.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / 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
27.67	X	3	=	83 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1241	64.4	5.3	193	30	
1248	Dewatered @	31 gals		~~30~~	Dewatered DTW=19.92
~~1250~~				~~32~~	
1330	62.7	6.0	240	—	DTW=4.98'

Did well dewater? (Yes) No — Gallons actually evacuated: ~~32~~ 31

Sampling Time: 1330 — Sampling Date: 2/21/00

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

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