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URS

December 19, 2003

Mr. Don Hwang
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Fourth Quarter 2003 Groundwater Monitoring Report
Former BP Service Station #11132
3201 35th Avenue
Oakland, California
URS Project #38486453

Dear Mr. Hwang:

On behalf of the Atlantic Richfield Company (ARCO – a BP affiliated company), URS Corporation (URS) is submitting the *Fourth Quarter 2003 Groundwater Monitoring Report* for the Former BP Service Station #11132, located at 3201 35th Avenue, Oakland, California.

If you have any questions regarding this submittal, please call me at (510) 874-1720.

Sincerely,

URS CORPORATION

Leonard P. Niles

Leonard P. Niles, R.G./C.H.G.
Project Manager

CERTIFIED HYDROGEOLOGIST
LEONARD P. NILES
NO.HG357
EXP. 3/31/04
STATE OF CALIFORNIA

Enclosure: Fourth Quarter 2003 Groundwater Monitoring Report

cc: Mr. Paul Supple, ARCO (electronic copy uploaded to ENFOS)
Ms. Liz Sewell, ConocoPhillips, 76 Broadway, Sacramento, CA 95818
Mr. Ade Fagorala, San Francisco Bay Regional Water Quality Control Board, 1515 Clay Street, Suite 1400, Oakland, CA 94612

URS Corporation
500 12th Street, Suite 200
Oakland, CA 94607-4014
Tel: 510.893.3600
Fax: 510.874.3268

Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

December 19, 2003

RE: Fourth Quarter 2003 Groundwater Monitoring Report
Former BP Service Station #11132
3201 35th Avenue
Oakland, CA
URS Project #38486453

I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple
Environmental Business Manager

REPORT

FOURTH QUARTER 2003 GROUNDWATER MONITORING

FORMER BP SERVICE STATION #11132
3201 35TH AVENUE
OAKLAND, CALIFORNIA

Prepared for
ARCO

December 19, 2003

URS
URS Corporation
500 12th Street, Suite 200
Oakland, California 94607

38486453

Date: December 19, 2003

Quarter: 4Q 03

BP GEM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.:	11132	Address:	3201 35th Avenue Oakland, CA
ARCO Environmental Business Manager:			Paul Supple
Consulting Co./Contact Person:			URS Corporation / Leonard Niles
Consultant Project No.:			38486453
Primary Agency/Regulatory ID No.:			Alameda County Health Care Services Agency (ACHCSA)/ #RO0000014

WORK PERFORMED THIS QUARTER (Fourth – 2003):

1. Performed fourth quarter 2003 groundwater monitoring event on November 18, 2003.
2. Prepared and submitted fourth quarter 2003 groundwater monitoring report.
3. Performed monthly free product gauging and bailing as an interim remedial action measure.
4. Submitted response letter addressing ACHCSA comments on workplan addendum.

WORK PROPOSED FOR NEXT QUARTER (First – 2004):

1. Perform first quarter 2004 groundwater monitoring event.
2. Prepare and submit first quarter 2004 groundwater monitoring report.
3. Perform monthly free product gauging and bailing as an interim remedial action measure.
4. Perform expedited site assessment pending regulatory agency approval of workplan.

Current Phase of Project:	GW monitoring/sampling/Free Product Bailing
Frequency of Groundwater Sampling:	Quarterly: Wells MW-1, MW-2, MW-8 through MW-10, & RW-1; Annually (1st quarter): Wells MW-3 through MW-5
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	Free product detected in MW-1, MW-9, RW-1 on October 3, 2003 Free product detected in MW-1 on November 18, 2003 Sheen was detected in MW-2, MW-8 MW-9, MW-10, and RW-1 on November 18, 2003
FP Recovered this Quarter:	0.12 Gallons
Cumulative FP Recovered Since 1990:	49.81 Gallons
Current Remediation Techniques:	Interim Monthly Free Product Bailing
Approximate Depth to Groundwater:	17.48 (MW-6) to 21.70 (MW-1) feet
Groundwater Gradient (direction):	South-southwest
Groundwater Gradient (magnitude):	0.007 feet per foot

DISCUSSION:

TPH-g was detected above the laboratory detection limit in all five wells sampled this quarter at concentrations ranging from 8,800 micrograms per liter (µg/L) in well MW-8 to 23,000 µg/L in well MW-2. Benzene was detected above the laboratory detection limit in all five wells at concentrations ranging from 250 µg/L in well MW-9 to 3,300 µg/L in well MW-2. MTBE was detected above the laboratory detection limit in four wells at concentrations ranging from 45 µg/L in MW-9 to 6,100 µg/L in RW-1. TAME was detected above the laboratory detection limit in two wells at concentrations of 20 µg/L in well MW-8 and 160 µg/L in well RW-1. TBA was detected above the laboratory detection limit in RW-1 at a concentration of 11,000 µg/L.

Well MW-1 could not be sampled due to the presence of free product; approximately 151 milliliters (ml) (0.04 gallons) of free product was bailed from this well during the November 18, 2003 monitoring event. Well MW-5 could not be sampled this quarter due to the presence of a pile of gravel over the well box. On October 3, 2003, as part of the monthly free product bailing program, 139 ml (0.04 gallons) of free product was removed from well MW-1, 6.32 ml (0.002 gallons) was removed from MW-9, 167 ml (0.04 gallons) was removed from RW-1, and less than 0.01 gallons of free product was encountered in wells MW-8 and MW-10.

URS is currently awaiting the approval of the work plan addendum submitted to ACHCSA on May 28, 2003 proposing the installation of off-site and on-site soil borings. URS submitted a response letter on December 13, 2003 to ACHCSA addressing their comments of October 13, 2003 to the work plan addendum, and request for additional information.

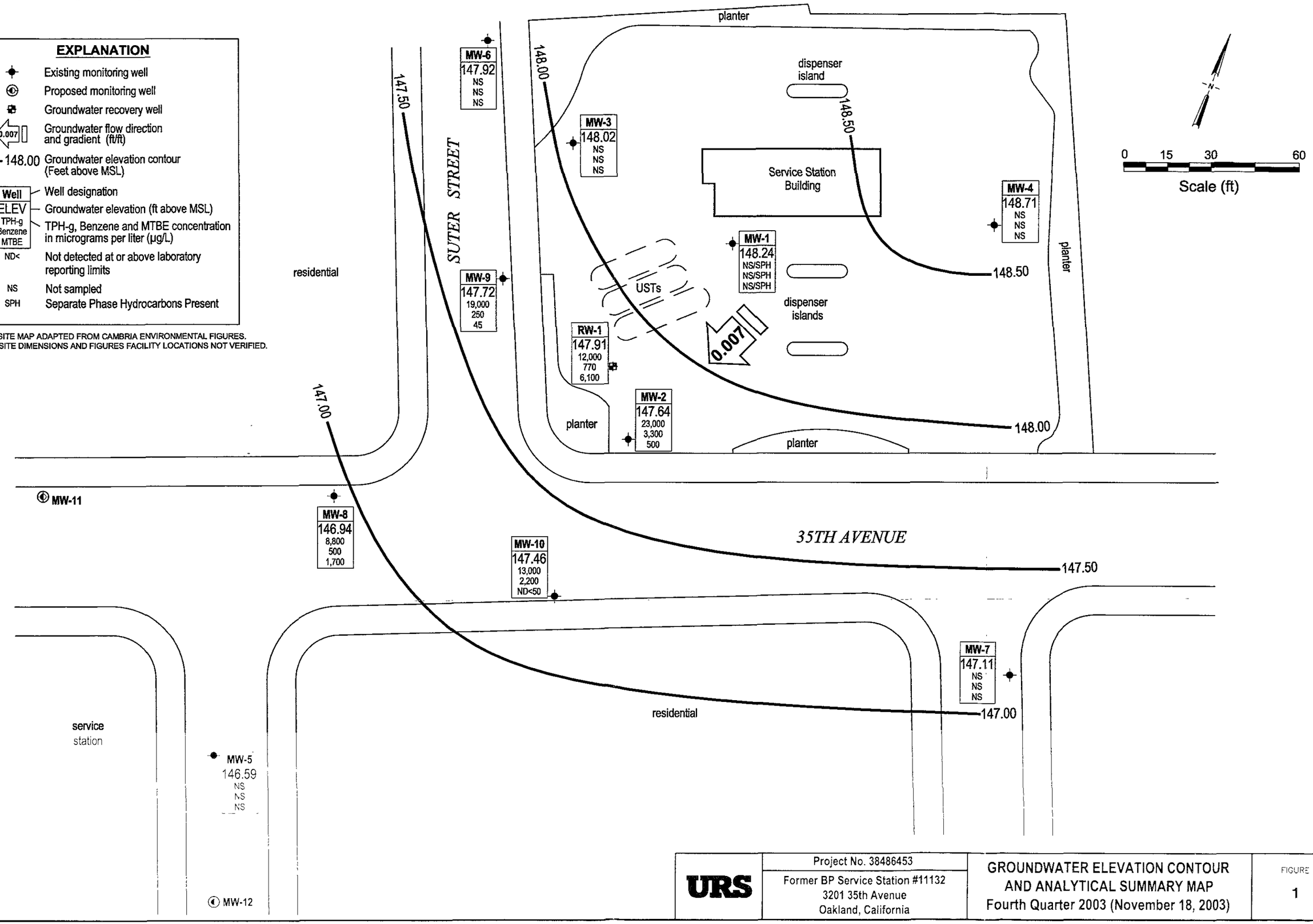
ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – November 18, 2003
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Oxygenate Analytical Data
- Table 3 – Free Product Removal
- Attachment A – Concentration and Water Level Trends (MW-2, MW-5 & MW-9)
- Attachment B – Field Procedures and Field Data Sheets
- Attachment C – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment D – EDCC Report and EDF/Geowell Submittal Confirmation

EXPLANATION

- Existing monitoring well
- Proposed monitoring well
- Groundwater recovery well
- 0.007 — Groundwater flow direction and gradient (ft/ft)
- 148.00 — Groundwater elevation contour (Feet above MSL)
- Well — Well designation
- ELEV — Groundwater elevation (ft above MSL)
- TPH-g / Benzene / MTBE — TPH-g, Benzene and MTBE concentration in micrograms per liter (µg/L)
- ND< — Not detected at or above laboratory reporting limits
- NS — Not sampled
- SPH — Separate Phase Hydrocarbons Present

NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES.
SITE DIMENSIONS AND FIGURES FACILITY LOCATIONS NOT VERIFIED.



URS	Project No. 38486453 Former BP Service Station #11132 3201 35th Avenue Oakland, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Fourth Quarter 2003 (November 18, 2003)	FIGURE 1

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Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-1		7/9/90	169.75	---	0.22	---	---	---	---	---	---	---	---
MW-1		12/21/90	169.75	---	0.58	---	---	---	---	---	---	---	---
MW-1		3/7/91	169.75	20.59	---	---	---	---	---	---	---	---	---
MW-1		6/27/91	169.75	---	0.18	---	---	---	---	---	---	---	---
MW-1		9/27/91	169.75	---	0.27	---	---	---	---	---	---	---	---
MW-1		12/18/91	169 75	---	0.28	---	---	---	---	---	---	---	---
MW-1		4/1/91	169 75	16.51	0.15	153.35	---	---	---	---	---	---	---
MW-1		7/3/92	169.75	22.30	0.27	147.65	---	---	---	---	---	---	---
MW-1		10/5/92	169.75	23 98	0.24	145.95	---	---	---	---	---	---	---
MW-1		1/13/93	169.75	17.03	0.24	152.90	---	---	---	---	---	---	---
MW-1		4/23/93	169.75	18.10	0.42	151.97	---	---	---	---	---	---	---
MW-1		7/12/93	169 75	22.02	0.49	148.10	---	---	---	---	---	---	---
MW-1		10/21/93	169.75	25.12	1.09	145.45	---	---	---	---	---	---	---
MW-1		1/21/94	169.75	23.02	0.76	147.30	---	---	---	---	---	---	---
MW-1		4/20/94	169.75	24.54	1.80	146.56	---	---	---	---	---	---	---
MW-1		8/1/94	169.75	24.11	0.35	145.90	---	---	---	---	---	---	---
MW-1		12/23/94	169 75	18.19	0.29	151.78	---	---	---	---	---	---	---
MW-1		1/26/95	169.75	16.25	1.10	154.33	---	---	---	---	---	---	---
MW-1		6/8/95	169.75	22.92	1.20	147.73	---	---	---	---	---	---	---
MW-1		8/22/95	169.75	24.45	0.85	145.94	---	---	---	---	---	---	---
MW-1		10/27/95	169.75	25.41	0 69	144.86	---	---	---	---	---	---	---
MW-1		1/25/96	169.75	18.20	1.40	152.60	---	---	---	---	---	---	---
MW-1		4/19/96	169.75	19.06	1.22	151.61	---	---	---	---	---	---	---
MW-1		7/23/96	169.75	22.98	0.89	147.44	---	---	---	---	---	---	---
MW-1		11/11/96	169.75	23 99	0.98	146 50	---	---	---	---	---	---	---
MW-1		1/21/97	169.75	16 80	0.90	153.63	---	---	---	---	---	---	---
MW-1		4/29/97	169.75	21 90	0.85	148 49	---	---	---	---	---	---	---
MW-1		4/30/97	169.75	---	---	---	100000	3600	8000	4000	21300	7700	5.2
QC-1	(c)	4/30/97	---	---	---	---	92000	3500	8100	4400	23800	6900	---
MW-1		8/21/97	169 75	23 40	0.87	147.00	140000	3000	8500	3900	22100	5700	5.3
QC-1	(c)	8/21/97	---	---	---	---	120000	3200	8100	3800	19600	5200	---
MW-1		11/5/97	169 75	23.70	0 54	146.46	68000	6200	4400	3300	14300	8000	4.7
QC-1	(c)	11/5/97	---	---	---	---	88000	7300	4800	3600	16900	8200	---
MW-1		2/3/98	169 75	13.63	0 32	156.36	---	---	---	---	---	---	---
MW-1		2/4/98	---	---	---	---	190000	2200	10000	5600	32000	ND<10000	5.3
QC-1	(c)	2/4/98	---	---	---	---	160000	2300	8400	5000	29400	ND<10000	---
MW-1		5/28/98	169.75	18 03	0.17	151 85	87000	980	3900	3600	19000	2900	3.8
MW-1		12/30/98	169.75	19 50	0.08	150 31	70000	530	3200	2900	16000	3600	---
MW-1		2/2/99	169.75	18.93	0.03	150 84	79000	480	3100	3500	21000	3500	---
MW-1		5/10/99	169 75	18.28	0.03	151.49	110000	160	1900	3700	24000	3000	---
MW-1		8/24/99	169 75	20.13	0 06	149.67	110000	850	1300	1900	19000	ND<50	---
MW-1		11/3/99	169.75	22.27	0 36	147.75	65000	6300	1100	3300	9500	8900	---

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WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-1	(h)	3/1/00	169.75	14.79	0 23	155.13	---	---	---	---	---	---	---
MW-1		4/21/00	169.75	18.10	0.33	151.90	61000	330	780	2700	17000	1300	---
MW-1		7/31/00	169.75	21.60	0.53	148.55	1500000	340	2100	24000	120000	2700	---
MW-1		11/20/00	169.75	21.69	0.37	148.34	1700000	1800	2300	19000	93000	3900	---
MW-1		2/18/01	169.75	16.70	0.13	153.15	---	---	---	---	---	---	---
MW-1		2/26/01	169.75	14.38	0.15	155.48	100000	658	466	4210	15000	1890	---
MW-1		6/7/01	169.75	20 78	0.00	148 97	70000	705	440	3870	12200	2720	---
MW-1	(j)	9/5/01	169.75	23 36	0.35	146 65	---	---	---	---	---	---	---
MW-1	(k)	11/30/01	169.75	20 85	0 41	149 21	---	---	---	---	---	---	---
MW-1		12/6/01	169.75	18.72	0 27	151 23	39000	3500	237	2150	4500	5400	---
MW-1		2/20/02	169 75	17.43	0 15	152.43	52000	465	271	1600	11400	106	---
MW-1	(j)	6/20/02	169 75	21.18	0.34	148.83	---	---	---	---	---	---	---
MW-1	(j)	9/11/02	169 75	22.86	0.40	147.19	---	---	---	---	---	---	---
MW-1	(j)	11/12/02	169.75	22.65	0.37	147.38	---	---	---	---	---	---	---
MW-1	(j,n)	1/29/03	169.75	18.15	0.30	151.83	---	---	---	---	---	---	---
MW-1	(j)	5/22/03	169.75	18.49	0.20	151 41	---	---	---	---	---	---	---
MW-1	(o)	6/24/03	169.75	21.44	0 35	148 57	---	---	---	---	---	---	---
MW-1	(j)	7/28/03	169.75	22.72	0.35	147.29	---	---	---	---	---	---	---
MW-1	(o)	8/12/03	169.75	22.64	0 23	147 28	---	---	---	---	---	---	---
MW-1	(o)	9/12/03	169 75	20.70	0.24	149.23	---	---	---	---	---	---	---
MW-1	(o)	10/3/03	169.75	22.54	0 23	147.38	---	---	---	---	---	---	---
MW-1	**(o)**	**11/18/03**	**169.75**	**21.70**	**0.25**	**148.24**	**---**	**---**	**---**	**---**	**---**	**---**	**---**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-2	7/9/90	168.14	---	0.10	---	---	---	---	---	---	---		---
MW-2	12/21/90	168.14	---	0.48	---	---	---	---	---	---	---		---
MW-2	3/7/91	168 14	19.18	---	---	---	---	---	---	---	---		---
MW-2	6/27/91	168.14	---	0.19	---	---	---	---	---	---	---		---
MW-2	9/27/91	168.14	---	0 15	---	---	---	---	---	---	---		---
MW-2	12/18/91	168.14	---	0 36	---	---	---	---	---	---	---		---
MW-2	4/1/91	168.14	15.21	0.10	153.01	---	---	---	---	---	---		---
MW-2	7/3/92	168.14	20.93	0.03	147.23	---	---	---	---	---	---		---
MW-2	10/5/92	168.14	22.74	0.21	145 56	---	---	---	---	---	---		---
MW-2	1/13/93	168.14	15.55	0.02	152.61	---	---	---	---	---	---		---
MW-2	4/23/93	168 14	16.54	0.21	151 76	---	---	---	---	---	---		---
MW-2	7/12/93	168 14	20.46	0.06	147.73	---	---	---	---	---	---		---
MW-2	10/21/93	168 14	24.91	0.31	143.46	---	---	---	---	---	---		---
MW-2	1/21/94	168 14	21 20	---	146.94	---	---	---	---	---	---		---
MW-2	4/20/94	168 14	22.44	---	145.70	1800	140	370	54	290	24	(i)	1.7
MW-2	8/1/94	168 14	22 24	0.04	145.93	---	---	---	---	---	---		---
MW-2	12/23/94	168.14	16.25	0.03	151.91	---	---	---	---	---	---		---
MW-2	1/26/95	168.14	14.55	0.39	153.88	---	---	---	---	---	---		---
MW-2	6/8/95	168.14	21.18	0.43	147 28	---	---	---	---	---	---		---
MW-2	8/22/95	168.14	22.76	0.36	145 65	---	---	---	---	---	---		---
MW-2	10/27/95	168.14	23.61	0 30	144 76	---	---	---	---	---	---		---
MW-2	1/25/96	168.14	15.95	0 15	152.30	---	---	---	---	---	---		---
MW-2	4/19/96	168.14	17.33	0.07	150.86	---	---	---	---	---	---		---
MW-2	7/23/96	168.14	21.25	0.05	146.93	---	---	---	---	---	---		---
MW-2	11/11/96	168 14	22.27	0.01	145.88	---	---	---	---	---	---		---
MW-2	1/21/97	168 14	15.19	0.01	152.96	---	---	---	---	---	---		---
MW-2	4/29/97	168.14	20.22	0.01	147.93	---	---	---	---	---	---		---
MW-2	4/30/97	168.14	---	---	---	130000	4600	15000	6000	37000	ND<5000		5.0
MW-2	8/21/97	168.14	21.74	0 01	146 41	110000	6000	16000	4700	28000	ND<500		4.6
MW-2	11/5/97	168.14	21.61	0.01	146 54	120000	7800	18000	4900	28100	ND<2500		4.6
MW-2	2/3/98	168.14	11.51	---	156.63	75000	590	1500	1800	12800	ND<2500		4.5
MW-2	5/28/98	168.14	16.51	---	151.63	79000	3900	3100	3100	18000	900		4.3
MW-2	12/30/98	168.14	17 70	---	150.44	95000	4700	3500	3700	21000	ND<250		---
MW-2	2/2/99	168.14	15 46	---	152.68	170000	3500	1500	5200	34000	ND<500		---
MW-2	5/10/99	168.14	16 52	---	151 62	84000	3200	3200	3700	20000	75		---
MW-2	8/24/99	168.14	20.73	---	147 41	130000	9100	9200	4700	27000	ND<250		---
MW-2	11/3/99	168.14	20.93	---	147.21	120000	10000	21000	4700	30200	2200		---
MW-2	3/1/00	168.14	13.37	---	154.77	39000	1400	1500	1700	8100	44		---
MW-2	4/21/00	168 14	16.59	---	151.55	68000	3300	2500	3100	20000	260		---
MW-2	7/31/00	168.14	16.37	---	151.77	99000	5600	1400	4300	22000	490		---
MW-2	11/20/00	168.14	19.71	---	148.43	37000	5100	1500	1300	4800	2800		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-2		2/18/01	168.14	15.29	---	152.85	54000	5020	3880	2850	15400	1010	---
MW-2		6/7/01	168.14	19.43	---	148.71	110000	7240	4380	4160	22100	567	---
MW-2		9/5/01	168.14	22.44	---	145.70	69000	5750	5790	2770	14200	1510	---
MW-2		11/30/01	168.14	19.58	---	148.56	120000	7270	6540	4590	23000	794	---
MW-2		2/20/02	168.14	16.39	---	151.75	56000	2410	2270	2910	14300	160	---
MW-2		6/20/02	168.14	19.77	---	148.37	86000	7310	6490	3080	14600	659	---
MW-2		9/11/02	168.14	21.60		146.54	130000	7600	13000	5400	30000	ND<5000	---
MW-2		11/12/02	168.14	21.34	SHEEN	146.80	46000	4100	4300	1900	10000	1900	---
MW-2	(n)	1/29/03	168.14	16.80	SHEEN	151.34	77000	4700	2600	2800	13000	730	---
MW-2		5/22/03	168.14	17.15	SHEEN	150.99	52000	6400	2600	1800	7400	1000	---
MW-2	(p)	7/28/03	168.14	21.47	---	146.67	31000	6900	5500	2200	12000	1700	---
MW-2		**11/18/03**	**168.14**	**20.50**	**SHEEN**	**147.64**	**23000**	**3300**	**800**	**500**	**2000**	**500**	**---**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-3		7/9/90	167.17	---	---	---	140	5.3	4.6	2.0	3.8	---		---
MW-3		12/21/90	167.17	---	---	---	0.19	100	6.0	0.9	27	---		---
MW-3		3/7/91	167.17	17 40	---	149.77	0.4	69	22	6.1	57	---		---
MW-3		6/27/91	167.17	---	---	---	380	28	26	13	46	---		---
MW-3		9/27/91	167.17	---	---	---	0.07	7.9	ND	0.4	1.1	---		---
MW-3		12/18/91	167.17	---	---	---	0.26	34	24	0.8	28	---		---
MW-3		4/1/91	167.17	13.69	---	153.48	ND	ND	ND	ND	ND	---		---
MW-3		7/3/92	167.17	19.59	---	147.58	71	9.4	0.9	5.0	13	---		---
MW-3		10/5/92	167.17	21.22	---	145.95	67	5.1	1.1	6.1	8.1	---		---
QC-1	(c)	10/5/92	---	---	---	---	ND<50	2.2	ND<0.5	1.5	2.8	---		---
MW-3		1/13/93	167.17	13.63	---	153.54	830	50	34	42	89	---	(i)	---
MW-3		4/23/93	167 17	15.02	---	152.15	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(i)	---
QC-1	(c)	4/23/93	---	---	---	---	ND<50	ND<0.5	ND<0 5	ND<0 5	ND<0.5	---	(i)	---
MW-3		7/12/93	167.17	19.16	---	148.01	250	12	4.2	12	16	ND<5.0	(i)	---
MW-3		10/21/93	167 17	21.81	---	145 36	52	4.4	1.4	4.7	3.3	ND<5 0	(i)	---
QC-1	(c)	10/21/93	---	---	---	---	65	7.4	1.0	6.9	4.2	---		---
MW-3		1/21/94	167.17	19.94	---	147 23	57	3.0	3 4	3.6	9.0	ND<5.0	(i)	---
MW-3		4/20/94	167.17	20 24	---	146 93	600	26	23	33	88	28.7	(i)	1.8
MW-3		8/1/94	167.17	20 74	---	146 43	99	6.2	1 1	4.5	5.2	ND<5.0	(i)	1.4
QC-1	(c)	8/1/94	---	---	---	---	120	7.7	1.6	5.9	6.7	5.43	(i)	---
MW-3		12/23/94	167.17	14 70	---	152.47	ND<50	ND<0 5	0.78	ND<0.5	ND<0.5	9.8	(i)	1.7
QC-1	(c)	12/23/94	---	---	---	---	ND<50	ND<0 5	ND<0.5	ND<0.5	ND<0.5	---		---
MW-3		1/26/95	167.17	12 89	---	154.28	190	16	0.5	35	24	---		6.6
MW-3		6/8/95	167.17	19.95	---	147.22	330	21	4.0	34	32	---		7.0
MW-3		8/22/95	167 17	21.41	---	145.76	150	14	ND<0.50	ND<0 50	1.6	ND<5.0	(d)	6.6
MW-3		10/27/95	167 17	22.43	---	144.74	---	---	---	---	---	---		---
MW-3		10/30/95	167.17	---	---	---	51	2.4	ND<0.50	ND<0.50	ND<1.0	ND<5.0		6.9
MW-3		1/25/96	167 17	14.03	---	153.14	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	5.1		---
MW-3		4/19/96	167.17	15.26	---	151 91	460	55	4	33	63	ND<10		9.4
MW-3		7/23/96	167.17	19.19	---	147 98	ND<50	ND<0 5	ND<0 5	ND<0.5	ND<0 5	ND<10		9.2
MW-3		11/11/96	167.17	20.24	---	146 93	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5 0	ND<50		8.4
MW-3		1/21/97	167.17	13 09	---	154.08	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		5.4
MW-3		4/29/97	167.17	18 14	---	149.03	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		4.3
MW-3		8/21/97	167.17	19.64	---	147.53	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		4.9
MW-3		11/5/97	167 17	19.95	---	147.22	ND<250	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50		4.5
MW-3		2/3/98	167 17	10.57	---	156.60	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10		4.7
MW-3		5/28/98	167.17	14.65	---	152.52	330	ND<2.5	ND<5 0	ND<5.0	ND<5.0	ND<50		4.2
MW-3		12/30/98	167.17	16 63	---	150.54	---	---	---	---	---	---		---
MW-3		2/2/99	167.17	13 12	---	154.05	<250	<5.0	<5.0	<5.0	<5.0	<5.0		---
MW-3		5/10/99	167.17	14.21	---	152.96	---	---	---	---	---	---		---
MW-3		8/24/99	167.17	14.36	---	152.81	---	---	---	---	---	---		---
MW-3		11/3/99	167.17	19.21	---	147.96	---	---	---	---	---	---		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-3		3/1/00	167.17	15.17	---	152.00	ND<50	ND<0.5	0 57	ND<0.5	0.62	ND<0.5	---
MW-3		4/21/00	167.17	14.88	---	152.29	---	---	---	---	---	---	---
MW-3		7/31/00	167.17	15.29	---	151.88	---	---	---	---	---	---	---
MW-3		11/20/00	167.17	17 31	---	149.86	---	---	---	---	---	---	---
MW-3		2/18/01	167.17	12.85	---	154.32	160	1.95	1.31	10.2	9.09	1 0	---
MW-3		6/7/01	167.17	18.00	---	149.17	---	---	---	---	---	---	---
MW-3		9/5/01	167.17	20.32	---	146.85	---	---	---	---	---	---	---
MW-3		11/30/01	167.17	16.94	---	150.23	---	---	---	---	---	---	---
MW-3		2/20/02	167.17	14.84	---	152.33	86	ND<0.5	0.845	6.58	5.75	ND<0.5	---
MW-3		6/20/02	167.17	18.40	---	148.77	---	---	---	---	---	---	---
MW-3		9/11/02	167.17	20.06	---	147.11	---	---	---	---	---	---	---
MW-3		11/12/02	167.17	19.84	---	147 33	---	---	---	---	---	---	---
MW-3	(n)	1/27/03	167.17	14.83	---	152 34	850	20	9 7	24	45	0.76	---
MW-3		5/22/03	167.17	15.60	---	151 57	---	---	---	---	---	---	---
MW-3		7/28/03	167.17	20.12	---	147.05	---	---	---	---	---	---	---
MW-3		**11/18/03**	**167.17**	**19.15**	---	**148.02**	---	---	---	---	---	---	---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-4	7/9/90	170.36	---	---	---	ND	ND	ND	ND	ND	---		---
MW-4	12/21/90	170.36	---	---	---	ND	ND	ND	ND	0.8	---		---
MW-4	3/7/91	170.36	20.72	---	149.64	ND	2.2	3.8	1.5	2.8	---		---
MW-4	6/27/91	170.36	---	---	---	ND	6.3	1.8	0.4	1.0	---		---
MW-4	9/27/91	170.36	---	---	---	ND	ND	ND	ND	ND	---		---
MW-4	12/18/91	170.36	---	---	---	ND	ND	ND	ND	ND	---		---
MW-4	4/1/91	170.36	17.49	---	152.87	ND	ND	ND	ND	ND	---		---
MW-4	7/3/92	170.36	22.16	---	148.20	ND<50	ND<0.5	ND<0.5	ND<0 5	ND<0.5	---		---
MW-4	10/5/92	170.36	23.38	---	146.98	ND<50	ND<0 5	ND<0.5	ND<0 5	ND<0.5	---		---
MW-4	1/13/93	170.36	17.58	---	152.78	ND<50	ND<0.5	ND<0.5	ND<0 5	ND<0 5	---	(i)	---
MW-4	4/23/93	170.36	15.72	---	154.64	ND<50	ND<0 5	ND<0.5	ND<0 5	ND<0.5	---	(i)	---
MW-4	7/12/93	170.36	21.74	---	148.62	ND<50	ND<0 5	ND<0.5	ND<0 5	ND<0.5	ND<5.0	(i)	---
MW-4	10/21/93	170.36	23.84	---	146.52	ND<50	ND<0 5	ND<0.5	ND<0 5	ND<0.5	ND<5.0	(i)	---
MW-4	1/21/94	170.36	22.42	---	147.94	ND<50	ND<0.5	ND<0.5	ND<0 5	ND<0.5	ND<5.0	(i)	---
MW-4	4/20/94	170.36	22.66	---	147.70	ND<50	ND<0 5	ND<0.5	ND<0 5	ND<0.5	ND<5.0	(i)	2.2
MW-4	8/1/94	170.36	23.01	---	147.35	ND<50	ND<0 5	ND<0.5	ND<0 5	ND<0.5	ND<5.0	(i)	1.9
MW-4	12/23/94	170 36	17.03	---	153.33	---	---	---	---	---	---		---
MW-4	1/26/95	170 36	17.42	---	152.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---		7.5
MW-4	6/8/95	170.36	21.55	---	148.81	---	---	---	---	---	---		---
MW-4	8/22/95	170.36	23.47	---	146.89	ND<50	ND<0 50	ND<0.50	ND<0 50	ND<1 0	ND<5.0	(d)	6.4
MW-4	10/27/95	170.36	24.50	---	145.86	---	---	---	---	---	---		---
MW-4	1/25/96	170.36	18.74	---	151.62	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	58		---
MW-4	4/19/96	170 36	18.63	---	151.73	---	---	---	---	---	---		---
MW-4	7/23/96	170.36	22.56	---	147.80	---	---	---	---	---	---		---
MW-4	11/11/96	170.36	23.63	---	146.73	ND<50	ND<1 0	ND<1.0	ND<1.0	ND<1 0	34		8.2
MW-4	1/21/97	170.36	16.59	---	153.77	---	---	---	---	---	---		---
MW-4	4/29/97	170.36	21.43	---	148 93	ND<50	ND<0 5	ND<1.0	ND<1.0	ND<1.0	ND<10		4.7
MW-4	8/21/97	170.36	22.91	---	147 45	---	---	---	---	---	---		---
MW-4	11/5/97	170.36	22.34	---	148 02	60	ND<0.5	ND<1.0	ND<1.0	ND<1.0	76		4.9
MW-4	2/3/98	170.36	12.26	---	158 10	---	---	---	---	---	---		---
MW-4	5/28/98	170.36	18.50	---	151 86	70	ND<0.5	ND<1.0	ND<1.0	ND<1.0	160		4.2
MW-4	12/30/98	170.36	19.69	---	150.67	---	---	---	---	---	---		---
MW-4	2/2/99	170.36	18.26	---	152.10	70	ND<1.0	ND<1.0	ND<1.0	ND<1.0	130		---
MW-4	5/10/99	170.36	17 86	---	152.50	---	---	---	---	---	---		---
MW-4	8/24/99	170 36	17.93	---	152.43	---	---	---	---	---	---		---
MW-4	11/3/99	170.36	22 78	---	147 58	---	---	---	---	---	---		---
MW-4	3/1/00	170 36	18 04	---	152.32	ND<50	ND<0.5	0.67	ND<0.5	0.7	110		---
MW-4	4/21/00	170 36	17.36	---	153.00	---	---	---	---	---	---		---
MW-4	7/31/00	170 36	17.83	---	152.53	---	---	---	---	---	---		---
MW-4	11/20/00	170.36	18.91	---	151 45	---	---	---	---	---	---		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-4		2/18/01	170.36	17.72	---	152 64	88	ND<0 5	ND<0.5	ND<0.5	ND<0 5	97.3	---
MW-4		6/7/01	170.36	20.23	---	150 13	---	---	---	---	---	---	---
MW-4		9/5/01	170.36	22.76	---	147 60	---	---	---	---	---	---	---
MW-4		11/30/01	170.36	21.30	---	149 06	---	---	---	---	---	---	---
MW-4		2/20/02	170.36	19.32	---	151.04	76	ND<0.5	ND<0.5	ND<0 5	ND<1.0	81	---
MW-4		6/20/02	170.36	20.71	---	149.65	---	---	---	---	---	---	---
MW-4		9/11/02	170.36	22.22	---	148.14	---	---	---	---	---	---	---
MW-4		11/12/02	170.36	22.22	---	148.14	---	---	---	---	---	---	---
MW-4	(n)	1/29/03	170.36	19.80	---	150.56	100	ND<0.5	ND<0.5	ND<0 5	ND<0.5	66	---
MW-4		5/22/03	170.36	19.35	---	151.01	---	---	---	---	---	---	---
MW-4		7/28/03	170.36	22.18	---	148.18	---	---	---	---	---	---	---
MW-4		**11/18/03**	**170.36**	**21.65**	**---**	**148.71**	**---**	**---**	**---**	**---**	**---**	**---**	**---**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-5		7/9/90	165.14	---	---	---	280	200	210	46	290	---		---
MW-5		12/21/90	165 14	---	---	---	0.69	300	34	8 4	39	---		---
MW-5		3/7/91	165.14	16.60	---	148.54	ND	17	0.9	0.7	1 6	---		---
MW-5		6/27/91	165.14	---	---	---	330	120	10	12	8	---		---
MW-5		9/27/91	165.14	---	---	---	0.73	230	16	20	22	---		---
MW-5		12/18/91	165.14	---	---	---	ND	ND	ND	ND	ND	---		---
MW-5		4/1/91	165.14	11.99	---	153.15	800	250	54	11	60	---		---
MW-5		7/3/92	165.14	18.65	---	146.49	150	36	ND<0.5	ND<0.5	1.1	---		---
MW-5		10/5/92	165.14	20.32	---	144.82	270	79	4	1.7	2 9	---		---
MW-5		1/13/93	165.14	13.03	---	152.11	180	59	6.0	1.8	7 6	---	(i)	---
MW-5		4/23/93	165.14	13 51	---	151.63	8700	440	96	35	136	---	(i)	---
MW-5		7/12/93	165.14	18 06	---	147.08	250	57	2.9	2.1	6 0	ND<5.0	(i)	---
MW-5		10/21/93	165.14	20.41	---	144.73	210	82	1.5	ND<0.5	1.4	---	(i)	---
MW-5		1/21/94	165.14	18.86	---	146.28	110	36	1.2	ND<0.5	0.7	ND<5.0	(i)	---
MW-5		4/20/94	165.14	17.30	---	147.84	690	230	4 5	1.6	11	21.2	(i)	1.3
MW-5		8/1/94	165.14	17.53	---	147.61	170	44	1 6	0.9	2.7	ND<5.0	(i)	0.9
MW-5		12/23/94	165.14	11.63	---	153.51	630	180	1 9	0.66	1.9	7.81	(i)	1.4
MW-5		1/26/95	165.14	11.25	---	153.89	160	68	ND<0.5	ND<0 5	22	---		5.9
MW-5		6/8/95	165.14	16.80	---	148.34	2000	630	58	61	180	---		6.5
QC-1	(c)	6/8/95	---	---	---	---	1700	560	51	55	170	---		---
MW-5		8/22/95	165.14	19.02	---	146.12	3700	1100	18	27	59	ND<130	(d)	7.3
MW-5		10/27/95	165.14	20.94	---	144.20	---	---	---	---	---	---		---
MW-5		10/30/95	165.14	---	---	---	6500	2200	55	180	270	ND<250		7.5
MW-5		1/25/96	165.14	13.30	---	151.84	590	37	0.70	ND<0.50	ND<1 0	ND<5 0		---
QC-1	(c)	1/25/96	---	---	---	---	540	37	0.66	ND<0.50	ND<1.0	ND<5.0		---
MW-5		4/19/96	165.14	13.63	---	151 51	1500	470	38	49	210	ND<50		8.1
MW-5		7/23/96	165.14	17 61	---	147.53	140	4.6	ND<0.5	ND<0 5	ND<0.5	ND<10		8.0
MW-5		11/11/96	165.14	18 70	---	146.44	140	40	ND<1.0	ND<1 0	ND<1.0	ND<10		7.9
MW-5		1/21/97	165.14	11 63	---	153.51	730	300	ND<5.0	7.8	26	ND<50		5.0
MW-5		4/29/97	165.14	16.74	---	148.40	340	530	ND<5.0	ND<5.0	ND<5.0	ND<50		4.8
MW-5		8/21/97	165.14	18.26	---	146.88	ND<50	ND<0.5	ND<1.0	ND<1 0	ND<1.0	ND<10		4.9
MW-5		11/5/97	165.14	18.84	---	146 30	120	13	ND<1.0	ND<1.0	ND<1.0	ND<10		4.4
MW-5		2/3/98	165.14	9.49	---	155 65	ND<50	ND<0 50	ND<1.0	ND<1.0	ND<1 0	ND<10		4.3
MW-5		5/28/98	165.14	13.57	---	151 57	4900	1500	34	180	311	ND<10		4.1
MW-5		12/30/98	165.14	14.65	---	150.49	---	---	---	---	---	---		---
MW-5		2/2/99	165.14	12 56	---	152.58	100	ND<1.0	ND<1.0	ND<1 0	ND<1.0	9.1		---
MW-5		5/10/99	165.14	13 36	---	151.78	---	---	---	---	---	---		---
MW-5		8/24/99	165.14	13 50	---	151.64	---	---	---	---	---	---		---
MW-5		11/3/99	165.14	18.48	---	146.66	---	---	---	---	---	---		---
MW-5		3/1/00	165.14	9.59	---	155.55	ND<50	ND<0.5	0.58	ND<0.5	0.54	2 9		---
MW-5		4/21/00	165.14	13.52	---	151.62	---	---	---	---	---	---		---
MW-5		7/31/00	165.14	14 04	---	151.10	---	---	---	---	---	---		---
MW-5		11/20/00	165.14	15 89	---	149.25	---	---	---	---	---	---		---

Table 1
Groundwater Elevation and Analytical Data
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3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-5		2/18/01	165.14	11 88	---	153.26	560	161	2.38	6.11	13	5.67	---
MW-5		6/7/01	165.14	15 30	---	149.84	---	---	---	---	---	---	---
MW-5		9/5/01	165.14	19 32	---	145 82	---	---	---	---	---	---	---
MW-5		11/30/01	165.14	17 44	---	147.70	---	---	---	---	---	---	---
MW-5		2/20/02	165.14	13.88	---	151.26	4200	940	18.7	98.2	176	55.6	---
MW-5		6/20/02	165.14	16 20	---	148.94	---	---	---	---	---	---	---
MW-5		9/11/02	165.14	19.15	---	145.99	---	---	---	---	---	---	---
MW-5		11/12/02	165 14	19.01	---	146.13	390	55	0.89	3.4	3.5	210	---
MW-5	(n)	1/29/03	165.14	16.33	---	148.81	7900	1400	34	220	350	69	---
MW-5		5/22/03	165.14	14.35	---	150.79	9900	2300	91	400	690	ND<50	---
MW-5		7/28/03	165 14	18 90	---	146.24	3200	690	14	81	100	120	---
MW-5	**(q)**	**11/18/03**	**165.14**	**18.55**	**---**	**146.59**	**---**	**---**	**---**	**---**	**---**	**---**	

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-6		7/9/90	165.40	---	---	---	ND	ND	ND	ND	ND	---		---
MW-6		12/21/90	165.40	---	---	---	0.17	2 6	7.0	4.9	26	---		---
MW-6	(e)	3/7/91	165 40	---	---	---	---	---	---	---	---	---		---
MW-6	(e)	6/27/91	165 40	---	---	---	---	---	---	---	---	---		---
MW-6	(e)	9/27/91	165 40	---	---	---	---	---	---	---	---	---		---
MW-6		12/18/91	165.40	---	---	---	ND	1 3	22	ND	2.7	---		---
MW-6		4/1/91	165 40	11.79	---	153.61	ND	ND	ND	ND	ND	---		---
MW-6		7/3/92	165 40	17.77	---	147.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---
MW-6		10/5/92	165 40	19.46	---	145.94	ND<50	ND<0.5	ND<0.5	ND<0 5	ND<0.5	---		---
MW-6		1/13/93	165.40	11.34	---	154 06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(i)	---
MW-6		4/23/93	165 40	12.92	---	152.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(i)	---
MW-6		7/12/93	165.40	17.36	---	148.04	ND<50	ND<0.5	ND<0.5	ND<0 5	0.7	ND<5.0	(i)	---
MW-6		10/21/93	165.40	19.98	---	145.42	ND<50	ND<0 5	ND<0.5	ND<0 5	ND<0.5	---	(i)	---
MW-6		1/21/94	165 40	18.10	---	147.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(i)	---
MW-6		4/20/94	165.40	18.68	---	146.72	ND<50	ND<0 5	ND<0.5	ND<0.5	ND<0 5	17 4	(i)	2.0
MW-6		8/1/94	165.40	18.90	---	146.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8.66	(i)	1.5
MW-6		12/23/94	165.40	12.94	---	152.46	---	---	---	---	---	---		---
MW-6		1/26/95	165 40	10.46	---	154.94	ND<50	ND<0 5	ND<0.5	ND<0.5	ND<1	---		7.3
MW-6		6/8/95	165.40	16.84	---	148.56	---	---	---	---	---	---		---
MW-6		8/22/95	165.40	19.48	---	145.92	ND<50	ND<0.50	ND<0 50	ND<0.50	ND<1.0	ND<5.0	(d)	6.7
MW-6		10/27/95	165.40	20.39	---	145.01	---	---	---	---	---	---		---
MW-6		1/25/96	165.40	12.24	---	153.16	ND<50	ND<0 50	ND<0.50	ND<0.50	ND<1 0	9.9		---
MW-6		4/19/96	165.40	13.90	---	151.50	---	---	---	---	---	---		---
MW-6		7/23/96	165.40	17.83	---	147.57	---	---	---	---	---	---		---
MW-6		11/11/96	165.40	18.90	---	146.50	ND<50	ND<0.5	ND<1 0	ND<1.0	ND<1.0	ND<10		7.7
MW-6		1/21/97	165.40	11.97	---	153.43	---	---	---	---	---	---		---
MW-6		4/29/97	165.40	17.04	---	148.36	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		4.5
MW-6		8/21/97	165 40	18.58	---	146.82	---	---	---	---	---	---		---
MW-6		11/5/97	165.40	19.17	---	146.23	70	ND<0.5	ND<1.0	ND<1 0	ND<1.0	85		4.3
MW-6		2/3/98	165 40	9.87	---	155.53	---	---	---	---	---	---		---
MW-6		5/28/98	165 40	13.38	---	152 02	ND<50	ND<0.5	ND<1.0	ND<1 0	ND<1.0	ND<10		3.7
MW-6		12/30/98	165.40	14.45	---	150.95	---	---	---	---	---	---		---
MW-6		2/2/99	165.40	18 29	---	147.11	---	---	---	---	---	---		---
MW-6		5/10/99	165.40	17.49	---	147.91	---	---	---	---	---	---		---
MW-6		8/24/99	165.40	17.61	---	147.79	---	---	---	---	---	---		---
MW-6		11/3/99	165.40	16.26	---	149.14	---	---	---	---	---	---		---
MW-6		3/1/00	165.40	17.43	---	147.97	---	---	---	---	---	---		---
MW-6		4/21/00	165.40	13.32	---	152 08	---	---	---	---	---	---		---
MW-6		7/31/00	165 40	13.46	---	151 94	---	---	---	---	---	---		---
MW-6		11/20/00	165.40	14.78	---	150 62	---	---	---	---	---	---		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-6		2/18/01	165.40	11.33	---	154 07	---	---	---	---	---	---	---
MW-6		6/7/01	165.40	16.36	---	149 04	---	---	---	---	---	---	---
MW-6		9/5/01	165 40	18.61	---	146.79	---	---	---	---	---	---	---
MW-6		11/30/01	165 40	15.20	---	150.20	---	---	---	---	---	---	---
MW-6		2/20/02	165 40	12.74	---	152 66	---	---	---	---	---	---	---
MW-6		6/20/02	165.40	16.68	---	148 72	---	---	---	---	---	---	---
MW-6		9/11/02	165.40	18.38	---	147.02	---	---	---	---	---	---	---
MW-6		11/12/02	165.40	18.78	---	146.62	---	---	---	---	---	---	---
MW-6	(n)	1/29/03	165.40	14.45	---	150.95	---	---	---	---	---	---	---
MW-6		5/22/03	165.40	14.36	---	151.04	---	---	---	---	---	---	---
MW-6		7/28/03	165.40	18.43	---	146.97	---	---	---	---	---	---	---
MW-6		**11/18/03**	**165.40**	**17.48**	**---**	**147.92**	**---**	**---**	**---**	**---**	**---**	**---**	**---**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-7		7/9/90	167.61	---	---	---	ND	ND	ND	ND	ND	---		---
MW-7		12/21/90	167.61	---	---	---	ND	ND	ND	ND	ND	---		---
MW-7		3/7/91	167.61	19.04	---	148.57	ND	ND	0.4	0.3	2.4	---		---
MW-7		6/27/91	167.61	---	---	---	70	17	4	0.8	2.2	---		---
MW-7		9/27/91	167.61	---	---	---	ND	0.4	ND	ND	0.4	---		---
MW-7		12/18/91	167 61	---	---	---	ND	0.7	2.9	0.8	3.3	---		---
MW-7		4/1/91	167.61	15 18	---	152.43	ND	ND	ND	ND	ND	---		---
MW-7		7/3/92	167 61	20.28	---	147.33	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---
MW-7		10/5/92	167.61	21 56	---	146.05	ND<50	ND<0.5	ND<0 5	ND<0.5	1.5	---		---
MW-7		1/13/93	167.61	15 41	---	152.20	ND<50	ND<0.5	ND<0 5	ND<0.5	ND<0.5	---	(i)	---
MW-7		4/23/93	167.61	15.84	---	151.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(i)	---
MW-7		7/12/93	167.61	19.84	---	147.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(i)	---
MW-7		10/21/93	167 61	21.61	---	146.00	ND<50	ND<0.5	ND<0 5	ND<0.5	ND<0.5	---	(i)	---
MW-7		1/21/94	167.61	20.49	---	147.12	ND<50	ND<0.5	ND<0 5	ND<0.5	ND<0.5	ND<5.0	(i)	---
QC-1	(c)	1/21/94	---	---	---	---	ND<50	ND<0.5	ND<0 5	ND<0.5	ND<0.5	---		---
MW-7		4/20/94	167 61	20.54	---	147.07	ND<50	ND<0.5	ND<0 5	ND<0.5	ND<0.5	ND<5.0	(i)	1.5
MW-7		8/1/94	167 61	20.99	---	146.62	ND<50	0.7	ND<0 5	ND<0.5	ND<0.5	ND<5.0	(i)	1.9
MW-7		12/23/94	167.61	15.00	---	152.61	---	---	---	---	---	---		---
MW-7		1/26/95	167.61	14.69	---	152.92	ND<50	ND<0.5	ND<0 5	ND<0.5	ND<1	---		7.0
MW-7		6/8/95	167.61	19.87	---	147.74	---	---	---	---	---	---		---
MW-7		8/22/95	167.61	21.49	---	146.12	ND<50	ND<0.50	ND<0 50	ND<0.50	ND<1.0	ND<5.0	(d)	6.4
MW-7		10/27/95	167.61	22.53	---	145.08	---	---	---	---	---	---		---
MW-7		1/25/96	167 61	17.21	---	150.40	ND<50	ND<0.50	ND<0 50	ND<0 50	ND<1.0	ND<5.0		---
MW-7		4/19/96	167 61	17 09	---	150.52	---	---	---	---	---	---		---
MW-7		7/23/96	167 61	21 02	---	146.59	---	---	---	---	---	---		---
MW-7		11/11/96	167 61	22 03	---	145.58	ND<50	ND<0 5	ND<1.0	ND<1.0	ND<1 0	ND<10		7.8
MW-7		1/21/97	167.61	15.06	---	152.55	---	---	---	---	---	---		---
MW-7		4/29/97	167.61	20.11	---	147.50	ND<50	ND<0.5	ND<1.0	ND<1 0	ND<1.0	ND<10		4.4
MW-7		8/21/97	167.61	21.59	---	146.02	---	---	---	---	---	---		---
MW-7		11/5/97	167 61	20.05	---	147.56	ND<50	ND<0 5	ND<1.0	ND<1.0	ND<1 0	ND<10		4.4
MW-7		2/3/98	167 61	9.97	---	157.64	---	---	---	---	---	---		---
MW-7		5/28/98	167.61	13.52	---	154 09	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		4.3
MW-7		12/30/98	167.61	18.33	---	149 28	---	---	---	---	---	---		---
MW-7		2/2/99	167.61	12.33	---	149 28	---	---	---	---	---	---		---
MW-7		5/10/99	167.61	13.52	---	154 09	---	---	---	---	---	---		---
MW-7		8/24/99	167.61	14 01	---	153.60	---	---	---	---	---	---		---
MW-7		11/3/99	167.61	19 91	---	147.70	---	---	---	---	---	---		---
MW-7		3/1/00	167.61	19 89	---	147.72	---	---	---	---	---	---		---
MW-7		4/21/00	167 61	17 94	---	149.67	---	---	---	---	---	---		---
MW-7		7/31/00	167 61	17.33	---	150.28	---	---	---	---	---	---		---
MW-7		11/20/00	167 61	18.41	---	149.20	---	---	---	---	---	---		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-7		2/18/01	167 61	15.13	---	152.48	---	---	---	---	---	---	---
MW-7		6/7/01	167.61	18.75	---	148.86	---	---	---	---	---	---	---
MW-7		9/5/01	167.61	20.48	---	147.13	---	---	---	---	---	---	---
MW-7		11/30/01	167.61	20.11	---	147.50	---	---	---	---	---	---	---
MW-7		2/20/02	167 61	18.40	---	149.21	---	---	---	---	---	---	---
MW-7		6/20/02	167.61	18.62	---	148.99	---	---	---	---	---	---	---
MW-7		9/11/02	167.61	20.05	---	147.56	---	---	---	---	---	---	---
MW-7	(n)	11/12/02	167.61	21.13	---	146.48	---	---	---	---	---	---	---
MW-7		1/29/03	167.61	19.10	---	148.51	---	---	---	---	---	---	---
MW-7		5/22/03	167.61	18.83	---	148.78	---	---	---	---	---	---	---
MW-7		7/28/03	167.61	19.88	---	147.73	---	---	---	---	---	---	---
MW-7		**11/18/03**	**167.61**	**20.50**	**---**	**147.11**	**---**	**---**	**---**	**---**	**---**	**---**	**---**

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Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-8		3/7/91	165.74	16.72	---	149.02	2.7	780	450	64	310	---		---
MW-8		6/27/91	165.74	---	---	---	12000	3400	1100	240	750	---		---
MW-8		9/27/91	165.74	---	---	---	41	5700	5200	1100	4300	---		---
MW-8		12/18/91	165.74	---	---	---	3.2	990	150	120	250	---		---
MW-8		4/1/91	165.74	12 54	---	153.20	15000	3600	2600	410	1900	---		---
MW-8		7/3/92	165.74	18 78	---	146.96	72000	19000	32000	3000	15000	---		---
MW-8		10/5/92	165.74	20.48	0.01	145.27	---	---	---	---	---	---		---
MW-8		1/13/93	165.74	12.87	0.01	152.88	---	---	---	---	---	---		---
MW-8		4/23/93	165.74	13.90	SHEEN	151.84	---	---	---	---	---	---		---
MW-8		7/12/93	165.74	18.30	SHEEN	147.44	---	---	---	---	---	---		---
MW-8		10/21/93	165.74	21.91	0.95	144.54	---	---	---	---	---	---		---
MW-8		1/21/94	165.74	19.12	0.03	146.64	---	---	---	---	---	---		---
MW-8		4/20/94	165.74	19.28	0 03	146.48	26000	1700	4100	960	4000	632	(i)	1.1
MW-8		8/1/94	165.74	---	---	---	---	---	---	---	---	---		---
MW-8		12/23/94	165.74	13 81	0.03	151.95	---	---	---	---	---	---		---
MW-8		1/26/95	165.74	---	---	---	---	---	---	---	---	---		---
MW-8		6/8/95	165.74	17.82	0 29	148.14	---	---	---	---	---	---		---
MW-8		8/22/95	165.74	19.41	0 20	146.48	---	---	---	---	---	---		---
MW-8		10/27/95	165.74	20.47	0.14	145.38	---	---	---	---	---	---		---
MW-8		1/25/96	165 74	13.35	0.22	152.56	---	---	---	---	---	---		---
MW-8		4/19/96	165.74	14.40	0.20	151.49	---	---	---	---	---	---		---
MW-8		7/23/96	165.74	18 35	0.14	147.50	---	---	---	---	---	---		---
MW-8		11/11/96	165 74	19.41	0.02	146.35	---	---	---	---	---	---		---
MW-8		1/21/97	165 74	12.29	0.01	153.46	---	---	---	---	---	---		---
MW-8	(e)	4/29/97	165 74	---	---	---	---	---	---	---	---	---		---
MW-8		8/21/97	165 74	19.61	---	146.13	240000	1100	9300	4100	31100	ND<1000		5.2
MW-8		11/5/97	165 74	19.45	0.10	146.37	57000	790	2700	2300	15200	ND<1000		5.0
MW-8		2/3/98	165.74	9.33	0.03	156 43	---	---	---	---	---	---		---
MW-8		2/4/98	---	---	---	---	94000	570	1500	2100	15200	ND<2500		5.5
MW-8	(e)	5/28/98	165.74	---	---	---	---	---	---	---	---	---		---
MW-8		12/30/98	165.74	15.48	0.05	150.30	120000	460	2300	2200	15000	150		---
MW-8		2/2/99	165.74	18.29	---	147.45	82000	450	2200	3700	26000	ND<500		---
MW-8		5/10/99	165.74	15.62	---	150.12	28000	740	1800	1100	5800	ND<25		---
MW-8		8/24/99	165.74	18.41	---	147.33	75000	530	1400	3300	21000	150		---
MW-8		11/3/99	165.74	18.71	---	147.03	70000	600	1300	3600	20500	750		---
MW-8		3/1/00	165.74	19 37	---	146.37	27000	1600	1200	2600	6600	120		---
MW-8	(e)	4/21/00	165.74	---	---	---	---	---	---	---	---	---		---
MW-8	(e)	7/31/00	165.74	---	---	---	---	---	---	---	---	---		---
MW-8		11/20/00	165.74	17.42	---	148.32	1300000	1400	1700	20000	16000	5700		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-8	(e)	2/18/01	165.74	---	---	---	---	---	---	---	---	---	---
MW-8	(e)	6/7/01	165.74	---	---	---	---	---	---	---	---	---	---
MW-8	(j)	9/5/01	165.74	21 45	0.04	144 32	---	---	---	---	---	---	---
MW-8	(h)	11/30/01	165.74	18.31	---	147 43	---	---	---	---	---	---	---
MW-8	(e)	12/6/01	165.74	---	---	---	---	---	---	---	---	---	---
MW-8		2/20/02	165.74	14.02	---	151.72	20000	163	114	403	3810	80.4	---
MW-8		6/20/02	165.74	17 56	---	148.18	28000	466	141	962	5850	2520	---
MW-8		9/11/02	165.74	19.45	---	146.29	190000	1500	670	4500	23000	1200	---
MW-8		11/12/02	165.74	19 15	SHEEN	146.59	420	6.4	2.9	16	110	31	---
MW-8	(n)	1/29/03	165 74	15.02	---	150.72	200000	810	ND<500	2000	11000	ND<500	---
MW-8		5/22/03	165 74	15.07	SHEEN	150.67	---	---	---	---	---	---	---
MW-8		6/24/03	165.74	17.95	---	147.79	43000	860	300	2100	9600	46	---
MW-8		7/28/03	165 74	19.45	---	146.29	62000	690	230	1800	15000	2100	---
MW-8	(o)	8/12/03	165 74	19.40	SHEEN	146.34	---	---	---	---	---	---	---
MW-8	(o)	9/12/03	165 74	19.34	---	146.40	---	---	---	---	---	---	---
MW-8	(o,p)	10/3/03	165 74	19.33	---	146.41	---	---	---	---	---	---	---
MW-8		**11/18/03**	**165.74**	**18.80**	**SHEEN**	**146.94**	**8800**	**500**	**37**	**530**	**930**	**1700**	**---**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-9		3/7/91	166.20	16.79	---	149.41	7.1	220	4	2.4	2400	---		---
MW-9		6/27/91	166 20	---	---	---	3600	520	400	85	310	---		---
MW-9		9/27/91	166 20	---	---	---	3 2	720	150	50	180	---		---
MW-9		12/18/91	166.20	---	---	---	ND	2.5	1.1	0.3	5.8	---		---
MW-9		4/1/91	166.20	12.89	---	153.31	12000	2000	2600	360	1600	---		---
MW-9		7/3/92	166.20	18.89	---	147.31	5700	17000	840	230	800	---		---
MW-9		10/5/92	166.20	20.52	---	145.68	1400	440	17	14	100	---		---
MW-9		1/13/93	166.20	12.92	---	153.28	11000	1200	1700	340	1400	---	(i)	---
QC-1	(c)	1/13/93	---	---	---		11000	1200	1600	330	1300	---	(i)	---
MW-9		4/23/93	166 20	14.08	---	152.12	24000	2800	4500	730	3400	---	(i)	---
MW-9		7/12/93	166 20	18.44	---	147.76	13000	1400	1100	360	1400	20.8	(i)	---
QC-1	(c)	7/12/93	---	---	---	---	10000	1200	900	310	1200	---		---
MW-9		10/21/93	166.20	21.81	0.89	145.06	---	---	---	---	---	---		---
MW-9		1/21/94	166.20	19.28	---	146.92	---	---	---	---	---	---		---
MW-9		4/20/94	166.20	19.72	---	146.48	43000	2800	6800	1300	7900	768	(i)	1.7
QC-1	(c)	4/20/94	---	---	---	---	45000	2700	6800	1200	8200	740	(d)	---
MW-9		8/1/94	166.20	20.18	0.05	146.06	---	---	---	---	---	---		---
MW-9		12/23/94	166.20	14.22	0.02	152.00	---	---	---	---	---	---		---
MW-9		1/26/95	166.20	11.85	0.13	154.45	---	---	---	---	---	---		---
MW-9		6/8/95	166.20	18.33	0.80	148.47	---	---	---	---	---	---		---
MW-9		8/22/95	166.20	19.95	0.01	146 26	---	---	---	---	---	---		---
MW-9		10/27/95	166.20	20.88	0.01	145 33	---	---	---	---	---	---		---
MW-9		1/25/96	166.20	13.84	0 07	152.41	---	---	---	---	---	---		---
MW-9	(e)	4/19/96	166 20	---	---	---	---	---	---	---	---	---		---
MW-9		7/23/96	166 20	18.84	0.03	147.38	---	---	---	---	---	---		---
MW-9		11/11/96	166.20	19.91	0.01	146.30	---	---	---	---	---	---		---
MW-9		1/21/97	166.20	12.93	0.01	153.28	---	---	---	---	---	---		---
MW-9		4/29/97	166.20	18 03	SHEEN	148.17	---	---	---	---	---	---		---
MW-9		4/30/97	166.20	---	---	---	78000	1900	3600	3100	20600	ND<5000		5.5
MW-9		8/21/97	166.20	19.56	0.01	146.65	110000	2100	3400	2300	18800	ND<500		5.1
MW-9		11/5/97	166 20	20.59	0.01	145 62	59000	1400	1700	2200	17000	ND<500		4.5
MW-9		2/3/98	166 20	10.56	---	155.64	55000	490	1200	1400	10200	ND<1000		4.9
MW-9		5/28/98	166 20	14.21	0.01	152.00	41000	250	1200	1500	11400	ND<250		3.8
QC-1	(c)	5/28/98	---	---	---	---	53000	290	830	1400	10500	ND<500		---
MW-9		12/30/98	166.20	15.61	---	150.59	83000	860	1300	2400	21000	180		---
MW-9		2/2/99	166.20	12.33	---	153 87	75000	530	960	1900	17000	ND<50		---
MW-9		5/10/99	166.20	15.67	---	150 53	22000	600	1500	1100	4400	72		---
MW-9		8/24/99	166 20	19.10	---	147 10	85000	850	1300	1700	20000	ND<250		---
MW-9		11/3/99	166 20	19.58	---	146.62	72000	700	780	1900	19000	ND<5.0		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-9		3/1/00	166.20	13.19	---	153.01	34000	78	490	1100	8200	63	---
MW-9		4/21/00	166.20	14.29	---	151 91	55000	260	920	1500	16000	ND<5.0	---
MW-9		7/31/00	166.20	15.01	---	151.19	1200000	1500	6300	15000	120000	1600	---
MW-9		11/20/00	166.20	18.23	---	147 97	320000	3500	19000	5000	40000	3900	---
MW-9		2/18/01	166.20	13.14	---	153 06	32000	290	417	1180	10400	121	---
MW-9		6/7/01	166.20	17.41	---	148.79	96000	421	704	2330	17300	223	---
MW-9		9/5/01	166.20	20.56	---	145.64	39000	445	323	1240	8940	310	---
MW-9		11/30/01	166.20	17.42	---	148.78	60000	310	586	1890	14200	285	---
MW-9		2/20/02	166.20	13.87	---	152.33	14000	64	122	897	2650	293	---
MW-9		6/20/02	166.20	18.22	---	147.98	29000	307	168	1100	5670	208	---
MW-9		9/11/02	166.20	20 27	---	145.93	230000	1400	680	3600	23000	ND<2500	---
MW-9		11/12/02	166.20	19.40	SHEEN	146.80	840	5.8	3 6	28	160	21	---
MW-9	(j,n)	1/29/03	166.20	14.30	0.10	151.90	---	---	---	---	---	---	---
MW-9		5/22/03	166.20	15.16	SHEEN	151.04	23000	260	ND<50	1000	2900	ND<50	---
MW-9	(e)	6/24/03	166.20	---	---	---	---	---	---	---	---	---	---
MW-9		7/28/03	166.20	19 55	---	146.65	1500000	ND<500	ND<500	9800	79000	ND<500	---
MW-9	(o)	8/12/03	166.20	19.60	SHEEN	146.60	---	---	---	---	---	---	---
MW-9	(o)	9/12/03	166.20	19 60	SHEEN	146.60	---	---	---	---	---	---	---
MW-9	(o,p)	10/3/03	166.20	19.48	0 01	146.72	---	---	---	---	---	---	---
MW-9		**11/18/03**	**166.20**	**18.48**	**SHEEN**	**147.72**	**19000**	**250**	**18**	**690**	**2400**	**45**	**---**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
MW-10		3/7/91	167.01	18.09	---	148.92	1.6	120	190	32	230	---		---
MW-10		6/27/91	167.01	---	---	---	12000	7300	500	150	300	---		---
MW-10		9/27/91	167.01	---	---	---	57	12000	7200	1400	4600	---		---
MW-10		12/18/91	167.01	---	---	---	5.3	2500	120	36	79	---		---
MW-10		4/1/91	167.01	13.92	---	153 09	ND	ND	ND	ND	ND	---		---
MW-10		7/3/92	167.01	19.92	---	147 09	8600	5100	1300	180	690	---		---
MW-10		10/5/92	167.01	21.92	0.19	145 23	---	---	---	---	---	---		---
MW-10		1/13/93	167.01	14.43	0.03	152 60	---	---	---	---	---	---		---
MW-10		4/23/93	167.01	15 26	0.06	151.80	---	---	---	---	---	---		---
MW-10		7/12/93	167.01	19.78	0.45	147.57	---	---	---	---	---	---		---
MW-10		10/21/93	167.01	22 90	0.69	144.63	---	---	---	---	---	---		---
MW-10		1/21/94	167.01	20 25	0.06	146.81	---	---	---	---	---	---		---
MW-10		4/20/94	167.01	20.74	---	146.27	100000	12000	24000	2400	14000	1577	(d)(i)	1.0
MW-10		8/1/94	167.01	22.00	0.28	145.22	---	---	---	---	---	---		---
MW-10		12/23/94	167.01	16.08	0.25	151.12	---	---	---	---	---	---		---
MW-10		1/26/95	167.01	13.68	0.80	153.93	---	---	---	---	---	---		---
MW-10		6/8/95	167.01	19.08	0 75	148.49	---	---	---	---	---	---		---
MW-10		8/22/95	167.01	20.73	0 70	146.81	---	---	---	---	---	---		---
MW-10		10/27/95	167.01	21.69	0.63	145.79	---	---	---	---	---	---		---
MW-10		1/25/96	167.01	15.05	0.81	152.57	---	---	---	---	---	---		---
MW-10		4/19/96	167 01	16.26	0.58	151.19	---	---	---	---	---	---		---
MW-10		7/23/96	167 01	20 18	0.62	147.30	---	---	---	---	---	---		---
MW-10		11/11/96	167 01	21 20	0.20	145.96	---	---	---	---	---	---		---
MW-10		1/21/97	167.01	13.66	0.14	153.46	---	---	---	---	---	---		---
MW-10		4/29/97	167.01	18.71	0 21	148.46	---	---	---	---	---	---		---
MW-10		4/30/97	167.01	---	---	---	170000	9700	38000	4700	30500	ND<5000		5.6
MW-10		8/21/97	167.01	20.19	0 14	146.93	170000	9500	35000	4300	27100	ND<5000		5.3
MW-10		11/5/97	167.01	20.52	0 02	146.51	80000	3800	12000	2700	15700	ND<500		4.4
MW-10		2/3/98	167.01	10.62	0.01	156.40	---	---	---	---	---	---		---
MW-10		2/4/98	---	---	---	---	72000	500	1300	1700	12000	ND<1000		5.1
MW-10		5/28/98	167 01	15.46	---	151 55	220000	3200	24000	5200	43000	ND<1000		4.8
MW-10		12/30/98	167.01	16.65	---	150.36	110000	3500	14000	5800	50000	ND<50		---
MW-10		2/2/99	167.01	14.58	---	152.43	74000	1000	2800	1000	26000	860		---
MW-10		5/10/99	167.01	15.72	---	151.29	81000	2800	2800	3000	17000	220		---
MW-10		8/24/99	167.01	19.85	---	147.16	54000	3500	3800	1500	9100	ND<250		---
MW-10		11/3/99	167.01	20.00	---	147 01	30000	3000	3500	1200	5000	31		---
MW-10		3/1/00	167 01	14.62	---	152 39	62000	320	1200	1100	26000	4400		---
MW-10		4/21/00	167 01	15.46	---	151.55	88000	2700	7400	3700	35000	2400		---
MW-10	(e)	7/31/00	167.01	---	---	---	---	---	---	---	---	---		---
MW-10		11/20/00	167.01	18.74	---	148.27	78000	3800	5500	2800	13000	450		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)		TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DO (ppm)
MW-10		2/18/01	167.01	14.10	---	152.91		39000	1050	1160	1550	14700	4180	---
MW-10		6/7/01	167.01	18.78	---	148.23		76000	2460	2840	3330	20700	635	---
MW-10		9/5/01	167.01	21.40	0.01	145.62		25000	2510	2070	1090	4540	189	---
MW-10		11/30/01	167.01	18.50	---	148.51		100000	2480	5720	3890	22800	325	---
MW-10		2/20/02	167.01	14.39	---	152.62		49000	2170	3070	1960	12300	1090	---
MW-10		6/20/02	167.01	18.80	---	148.21		44000	2040	3050	1690	8430	224	---
MW-10		9/11/02	167.01	20.52	---	146.49		28000	1200	2700	1400	6800	ND<250	---
MW-10	(j)	11/12/02	167.01	20.37	0.07	146.64		---	---	---	---	---	---	---
MW-10	(j,n)	1/29/03	167.01	16.33	0.03	150.68		---	---	---	---	---	---	---
MW-10		5/22/03	167.01	16.32	SHEEN	150.69		13000	2100	850	630	1600	300	---
MW-10	(o)	6/24/03	167.01	18.73	0.04	148.28		---	---	---	---	---	---	---
MW-10	(j)	7/28/03	167.01	20.39	0.04	146.62		---	---	---	---	---	---	---
MW-10	(o)	8/12/03	167.01	20.43	SHEEN	146.58		---	---	---	---	---	---	---
MW-10	(o)	9/12/03	167.01	20.41	---	146.60		---	---	---	---	---	---	---
MW-10	(o,p)	10/3/03	167.01	20.25	---	146.76		---	---	---	---	---	---	---
MW-10		**11/18/03**	**167.01**	**19.55**	**SHEEN**	**147.46**	**(r)**	**13000**	**2200**	**530**	**320**	**860**	**ND<50**	**---**

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
RW-1		7/9/90	168 01	---	1.21	---	---	---	---	---	---	---		---
RW-1		12/21/90	168 01	---	0.01	---	---	---	---	---	---	---		---
RW-1		3/7/91	168.01	17.62	SHEEN	150.39	---	---	---	---	---	---		---
RW-1		6/27/91	168.01	---	0.04	---	---	---	---	---	---	---		---
RW-1		9/27/91	168.01	---	0 02	---	---	---	---	---	---	---		---
RW-1		12/18/91	168.01	---	0 02	---	---	---	---	---	---	---		---
RW-1		4/1/91	168.01	14 40	0 11	153.69	---	---	---	---	---	---		---
RW-1		7/3/92	168.01	20 66	SHEEN	147.35	---	---	---	---	---	---		---
RW-1		10/5/92	168.01	23.34	0.08	144.73	---	---	---	---	---	---		---
RW-1		1/13/93	168.01	16 59	0.05	151.46	---	---	---	---	---	---		---
RW-1		4/23/93	168 01	16.17	0.18	151.98	---	---	---	---	---	---		---
RW-1		7/12/93	168 01	20.18	0.06	147.88	---	---	---	---	---	---		---
RW-1		10/21/93	168.01	25.70	0.56	142.73	---	---	---	---	---	---		---
RW-1		1/21/94	168.01	21.24	0.40	147.07	---	---	---	---	---	---		---
RW-1		4/20/94	168.01	32.20	---	135.81	---	---	---	---	---	---		---
RW-1		8/1/94	168.01	21.70	---	146 31	29000	580	950	300	7800	1200	(d)	1.1
RW-1		12/23/94	168.01	16.02	---	151.99	1300	25	8.6	1.4	69	616	(i)	1.8
RW-1		1/26/95	168.01	13 78	---	154.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---		---
QC-1	(c)	1/26/95	---	---	---	---	ND<50	ND<0 5	ND<0.5	ND<0 5	ND<1	---		---
RW-1		6/8/95	168.01	20 05	---	147.96	1300	130	ND<1.0	ND<1 0	36	---		---
RW-1		8/22/95	168 01	21.74	---	146.27	3300	230	13	4.9	280	ND<25	(d)	6.6
QC-1	(c)	8/22/95	---	---	---	---	2800	210	9.3	4.3	250	ND<25	(d)	---
RW-1		10/27/95	168 01	32.00	---	136.01	---	---	---	---	---	---		---
RW-1		10/30/95	168 01	---	---	---	230	1.4	ND<1 0	ND<1.0	ND<2.0	650		6.9
QC-1	(c)	10/30/95	---	---	---	---	240	1.6	ND<1.0	ND<1.0	ND<2.0	630		---
RW-1		1/25/96	168.01	15 41	---	152 60	15000	3400	930	330	2500	5300		---
RW-1		4/19/96	168.01	16 83	---	151.18	35000	5500	3300	1700	9400	14000		7.6
QC-1	(c)	4/19/96	---	---	---	---	33000	5600	3200	1700	8800	15000		---
RW-1		7/23/96	168 01	20.76	---	147.25	46000	3600	2300	900	5100	36000		7.4
QC-1	(c)	7/23/96	---	---	---	---	47000	3700	2500	930	5300	35000		---
RW-1		11/11/96	168.01	21.73	---	146.28	34000	3000	1200	880	4600	22000		8.3
QC-1	(c)	11/11/96	---	---	---	---	31000	2900	1000	860	4600	22000		---
RW-1		1/21/97	168.01	14 20	---	153.81	260	40	16	2.7	34	1500		6.1
QC-1	(c)	1/21/97	---	---	---	---	270	42	17	2.7	36	1500		---
RW-1		4/29/97	168 01	19.15	---	148.86	32000	3100	590	1300	6000	46000		5.3
RW-1		8/21/97	168 01	20.67	---	147 34	7600	730	58	370	1780	9500		4.7
RW-1		11/5/97	168.01	21.01	---	147.00	39000	2300	86	1300	3840	56000		4.5
RW-1		2/3/98	168.01	10.68	---	157.33	3400	31	11	29	161	3200		5.1
RW-1		5/28/98	168.01	15.55	---	152.46	2000	90	15	60	305	2700		4.3
RW-1		12/30/98	168 01	17.35	---	150.66	---	---	---	---	---	---		---
RW-1		2/2/99	168.01	14.58	---	153.43	82000	2300	120	2000	3200	51000/78000	(g)	---
RW-1		5/10/99	168.01	16.00	---	152 01	15000	620	88	340	660	61000		---
RW-1		8/24/99	168.01	20.00	---	148.01	52000	1400	170	2200	2900	37000		---
RW-1		11/3/99	168 01	20.39	---	147.62	17000	2500	86	1500	970	54000		---
RW-1		3/1/00	168.01	12 97	---	155.04	17000	580	78	790	1100	13000		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID		DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)		PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)		DO (ppm)
RW-1		4/21/00	168.01	16.02		---	151.99	31000	2100	100	1400	1100	39000		---
RW-1		7/31/00	168.01	21 89		---	146 12	47000	1300	170	2700	2300	30000		---
RW-1	(h)	11/20/00	168.01	19.15		---	148.86	---	---	---	---	---	---		---
RW-1		2/18/01	168.01	15.35		---	152.66	14000	589	89	600	712	13000		---
RW-1		6/7/01	168.01	19.09		---	148.92	28000	1140	68.2	504	530	19100		---
RW-1	(j)	9/5/01	168.01	22.06		0.02	145.97	---	---	---	---	---	---		---
RW-1		11/30/01	168.01	19.53		---	148.48	20000	405	39.4	545	740	8260		---
RW-1		2/20/02	168.01	15.99		---	152.02	13000	469	29	434	655	7240		---
RW-1	(j)	6/20/02	168.01	19.31	(l)	---	---	---	---	---	---	---	---		---
RW-1	(j)	9/11/02	168.01	21.07		0.03	146.96	---	---	---	---	---	---		---
RW-1	(j)	11/12/02	168.01	20.92		0.02	147.11	---	---	---	---	---	---		---
RW-1	(j,n)	1/29/03	168.01	16.31		0.04	151.73	---	---	---	---	---	---		---
RW-1	(j)	5/22/03	168.01	16.68		SHEEN	151.33	---	---	---	---	---	---		---
RW-1	(o)	6/24/03	168.01	19.76		0.07	148.30	---	---	---	---	---	---		---
RW-1	(j)	7/28/03	168 01	21.04		0 04	147.00	---	---	---	---	---	---		---
RW-1	(o)	8/12/03	168.01	21.41		SHEEN	146.60	---	---	---	---	---	---		---
RW-1	(o)	9/12/03	168 01	21 10		0 07	146.96	---	---	---	---	---	---		---
RW-1	(o,p)	10/3/03	168 01	21 90		0 03	146.13	---	---	---	---	---	---		---
RW-1		**11/18/03**	**168.01**	**20.10**		**SHEEN**	**147.91**	**12000**	**770**	**ND<50**	**320**	**250**	**6100**		**---**
QC-2	(f)	10/5/92	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---
QC-2	(f)	1/13/93	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(j)	---
QC-2	(f)	4/23/93	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(i)	---
QC-2	(f)	7/12/93	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---
QC-2	(f)	10/21/93	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0 5	ND<0.5	---		---
QC-2	(f)	1/21/94	---	---		---	---	ND<50	ND<0 5	2.1	ND<0.5	2 1	---		---
QC-2	(f)	4/20/94	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---
QC-2	(f)	4/20/94	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---
QC-2	(f)	12/23/94	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---		---
QC-2	(f)	1/26/95	---	---		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---		---
QC-2	(f)	6/8/95	---	---		---	---	ND<50	ND<0.50	ND<0 50	ND<0.50	ND<1.0	---		---
QC-2	(f)	8/22/95	---	---		---	---	ND<50	ND<0.50	ND<0.50	ND<0 50	ND<1.0	ND<5.0	(d)	---
QC-2	(f)	10/30/95	---	---		---	---	ND<50	ND<0 50	ND<0.50	ND<0 50	ND<1.0	ND<5.0		---
QC-2	(f)	1/25/96	---	---		---	---	ND<50	ND<0 50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		---
QC-2	(f)	4/19/96	---	---		---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10		---

Table 1
Groundwater Elevation and Analytical Data
Former BP Service Station # 11132
3201 35th Avenue
Oakland, CA

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline
B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl tert butyl ether
DO	Dissolved oxygen
ug/L	Micrograms per liter
ppm	Parts per million
---	Not analyzed/available/applicable/measurable
ND<	Not detected at or above reported detection limit
NM	Not measured

NOTES:

(a) Casing elevations surveyed to the nearest 0.01 foot relative to mean sea level.

(b) Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product

(c) Blind duplicate.

(d) A copy of the documentation for this data is included in Appendix C of Alisto report 10-024-10-001.

(e) Well inaccessible.

(f) Travel blank.

(g) EPA Methods 8020/8260 used

(h) Unable to sample.

(i) A copy of the documentation for this data can be found in Blaine Tech Services report 010607-M-3.
MTBE data for the January 13, 1993 and April 23, 1993 sampling events has been destroyed.
No chromatograms could be located for MTBE data from wells MW-5, MW-6, and MW-7, sampled on October 21, 1993

(j) Well not sampled due to presence of SPH and nature of the product.

(k) Could not purge and sample, Waste drum full

(l) Value represents the depth to product. Unable to determine depth to water, product disabled the interface probe

(m) Discrete Peak @ C6-7

(n) TPH-g BTEX and MTBE analyzed by EPA method 8260 B beginning on 1st Quarter 2003 Sampling event (1/29/03)

(o) Groundwater samples are not collected during free product bailing event.

(p) Well not included in the monthly free product bailing program

(q) Well not sampled in November 2003 due to the presence of a pile of gravel dumped over the well box.

(r) This sample was analyzed beyond the EPA recommended holding time The results may still be useful for their intended purpose.

Source: The data within this table collected prior to June, 2002 was provided to URS by Group Environmental Management Company and their previous consultants URS has not verified the accuracy of this information

Table 2
Fuel Oxygenate Analytical Data

Former BP Service Station 11132
3201 35th Avenue
Oakland, California

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-Dichloro-ethane (µg/L)	Ethylene Dibromide (µg/L)
MW-2	01/29/03	ND<4000	ND<2000	820	ND<50	ND<50	ND<50	ND<50	ND<50
	05/22/03	ND<10000	ND<2000	1000	ND<50	ND<50	ND<50	NA	NA
	07/28/03	ND<20000	ND<4000 [1]	1700	ND<100	ND<100	ND<100	ND<100	ND<100
	11/18/03	**ND<5000**	**ND<1000**	**500**	**ND<25**	**ND<25**	**ND<25**	**NA**	**NA**
MW-3	01/29/03	ND<40	ND<20	0.76	ND<50	ND<50	ND<50	ND<50	ND<50
MW-4	01/29/03	ND<40	ND<20	66	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5	01/29/03	ND<400	ND<200	82	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5 0
	05/22/03	ND<10000	ND<2000	ND<50	ND<50	ND<50	ND<50	NA	NA
	07/28/03	ND<2000	ND<400	120	ND<10	ND<10	ND<10	ND<10	ND<10
MW-8	01/29/03	ND<4000	ND<2000	360	ND<50	ND<50	ND<50	ND<50	ND<50
	05/22/03	ND<5000	ND<1000	46	ND<25	ND<25	ND<25	NA	NA
	07/28/03	ND<20000	ND<4000	2100	ND<100	ND<100	ND<100	ND<100	ND<100
	11/18/03	**ND<2,000 [2]**	**ND<400 [1]**	**1700**	**ND<10**	**ND<10**	**20**	**NA**	**NA**
MW-9	05/22/03	ND<10000	ND<2000	ND<50	ND<50	ND<50	ND<50	NA	NA
	07/28/03	ND<100000	ND<20000	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500
	11/18/03	**ND<2,000 [2]**	**ND<400 [1]**	**45**	**ND<10**	**ND<10**	**ND<10**	**NA**	**NA**
MW-10	05/22/03	ND<10000	ND<2000	300	ND<50	ND<50	ND<50	NA	NA
	11/18/03	**ND<10,000 [2]**	**ND<2000**	**ND<50**	**ND<50**	**ND<50**	**ND<50**	**NA**	**NA**
RW-1	**11/18/03**	**ND<10,000 [2]**	**11000 [1]**	**6100**	**ND<50**	**ND<50**	**160**	**NA**	**NA**

Notes:
All fuel oxygenate compounds analyzed using EPA Method 8260B

TBA = tert-Butyl alcohol
MTBE = Methyl tert-butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tert butyl ether
TAME = tert-Amyl methyl ether
µg/L = micrograms per liter
ND< = Not detected at or above the laboratory reporting limit
NA = Data not available, not analyzed, or not applicable
NS = Not Sampled

1 The result was reported with a possible high bias due to the continuing calibration verification falling outside acceptance criteria

2 The continuing calibration verification was outside of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (Feet)	PRODUCT REMOVED (Gallons)	PRODUCT REMOVED CUMULATIVE (Gallons)
MW-1	7/9/90	0.22	2.00	2.00
MW-1	12/21/90	0.58	2.00	4.00
MW-1	3/7/91	0.00	---	4.00
MW-1	6/27/91	0.18	2.00	6.00
MW-1	9/27/91	0.27	2.00	8.00
MW-1	12/18/91	0.28	2.00	10.00
MW-1	4/1/91	0.15	2.00	12.00
MW-1	7/3/92	0.27	2.00	14.00
MW-1	10/5/92	0.24	2.00	16.00
MW-1	1/13/93	0.24	2.00	18.00
MW-1	4/23/93	0.42	2.00	20.00
MW-1	7/12/93	0.49	---	20.00
MW-1	10/21/93	1.09	2 00	22.00
MW-1	1/21/94	0.76	---	22.00
MW-1	4/20/94	1.80	2.00	24.00
MW-1	8/1/94	0.35	---	24.00
MW-1	1/26/95	1.10	3.00	27.00
MW-1	6/8/95-6/28/95	1.25	0.70	27.70
MW-1	8/22/95	0.85	0.15	27.85
MW-1	10/30/95-12/23/95	0.69	0.11	27.96
MW-1	1/25/96-2/16/95	1.40	1.08	29.04
MW-1	4/19/96	1.22	0.75	29.79
MW-1	7/23/96	0.89	0.00	29.79
MW-1	9/4/96	---	0.35	30.14
MW-1	11/11/96	0.89	0.98	31.12
MW-1	1/21/97	0.90	0.20	31.32
MW-1	4/29/97	0.85	0.25	31.57
MW-1	8/21/97	---	0.15	31.72
MW-1	11/2/97-12/9/97	0.87	2.03	33.75
MW-1	2/3/98	0.32	0.25	34.00
MW-1	2/4/98	---	---	34.00
MW-1	5/28/98	0.17	---	34.00
MW-1	12/30/98	0.08	0.02	34.02
MW-1	2/2/99	0.03	0.01	34.03
MW-1	5/10/99	0.03	0.01	34.04
MW-1	8/24/99	0.06	0.01	34.05
MW-1	11/3/99	0.36	0.05	34.10
MW-1	3/1/00	0.23	*	34.10
MW-1	4/21/00	0.33	0.07	34.17
MW-1	7/31/00	0.53	0.13	34.30
MW-1	11/20/00	0.37	0.50	34.80
MW-1	2/18/01	0.13	0.05	34.85
MW-1	2/26/01	0.15	0.15	35.00
MW-1	6/7/01	0.00	---	35.00
MW-1	9/5/01	0.35	---	35.00
MW-1	11/30/01	0.41	0.26	35.26

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (Feet)	PRODUCT REMOVED (Gallons)	PRODUCT REMOVED CUMULATIVE (Gallons)
MW-1	12/6/01	0.27	0.04	34.91
MW-1	2/20/02	0.15	0.02	34.93
MW-1	6/20/02	0.34	0.07	35.00
MW-1	9/11/02	0.40	0.06	35.06
MW-1	11/12/02	0.37	0.06	35.12
MW-1	1/29/03	0.30	0.32	35.44
MW-1	5/22/03	0.20	0.14	35.58
MW-1	6/24/03	0.35	0.07	35.65
MW-1	7/28/03	0.35	0.08	35.66
MW-1	8/12/03	0.23	0.04	35.70
MW-1	9/12/03	0.24	0.04	35.74
MW-1	**10/3/03**	**0.23**	**0.04**	**35.78**
MW-1	**11/18/03**	**0.25**	**0.04**	**35.82**
MW-8	11/02/93-12/09/98	0.12	1.62	1.62
MW-8	9/5/01	0.04	---	1.66
MW-8	8/12/03	<0.01 (SHEEN)	---	1.66
MW-8	**10/3/03**	**<0.01 (SHEEN)**	**---**	**1.66**
MW-8	**11/18/03**	**<0.01 (SHEEN)**	**---**	**1.66**
MW-9	11/2/93-4/29/97	0.10	<0.1	0.88
MW-9	11/5/97	0.01	<0.1	0.88
MW-9	1/29/03	0.10	0.19	1.07
MW-9	6/24/03	NM	NM	1.07
MW-9	7/28/03	<0.01 (SHEEN)	--	1.07
MW-9	8/12/03	<0.01 (SHEEN)	--	1.07
MW-9	9/12/03	<0.01 (SHEEN)	--	1.07
MW-9	**10/3/03**	**0.01**	**0.002**	**1.07**
MW-9	**11/18/03**	**<0.01 (SHEEN)**	**--**	**1.07**
MW-10	9/7/93-7/23/96	---	10.52	10.52
MW-10	9/4/96	0.76	0.10	10.62
MW-10	11/11/96	---	0.20	10.82
MW-10	1/21/97	---	<0.03	10.85
MW-10	4/29/97	---	0.04	10.89
MW-10	4/29/97	---	0.04	10.93
MW-10	12/2/97	0.03	<0.1	10.93
MW-10	2/3/98	---	<0.1	10.93
MW-10	9/5/01	0.01	---	10.93
MW-10	11/12/02	0.07	0.01	10.94
MW-10	1/29/03	0.03	0.03	10.97
MW-10	6/24/03	0.04	0.01	10.98
MW-10	7/28/03	0.04	0.02	11.00
MW-10	8/12/03	<0.01 (SHEEN)	--	11.00
MW-10	**10/3/03**	**<0.01 (SHEEN)**	**--**	**11.00**
MW-10	**11/18/03**	**<0.01 (SHEEN)**	**--**	**11.00**

Table 3
Free Product Removal
Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (Feet)	PRODUCT REMOVED (Gallons)	PRODUCT REMOVED CUMULATIVE (Gallons)
RW-1	9/5/01	0.02	---	0.00
RW-1	6/20/02	**	---	0.00
RW-1	9/11/02	0.03	0.04	0.04
RW-1	11/12/02	0.02	0.03	0.07
RW-1	1/29/03	0.04	0.07	0.14
RW-1	6/24/03	0.07	0.04	0.18
RW-1	7/28/03	0.04	0.02	0.20
RW-1	8/12/03	<0.01 (SHEEN)	--	0.20
RW-1	9/12/03	0.07	0.10	0.30
RW-1	**10/3/03**	**0.03**	**0.04**	**0.34**
RW-1	**11/18/03**	**<0.01 (SHEEN)**	**--**	**0.34**
		Free Product Removed this Quarter =		**0.12**
		Total Free Product =		**49.89**

NM = Unable to gauge free product thickness or remove product because the well was inaccessible.

* There was no hazardous waste drum on-site, therefore no product was removed.
** Indeterminate thickness of product. The nature of product is unknown, very viscous.

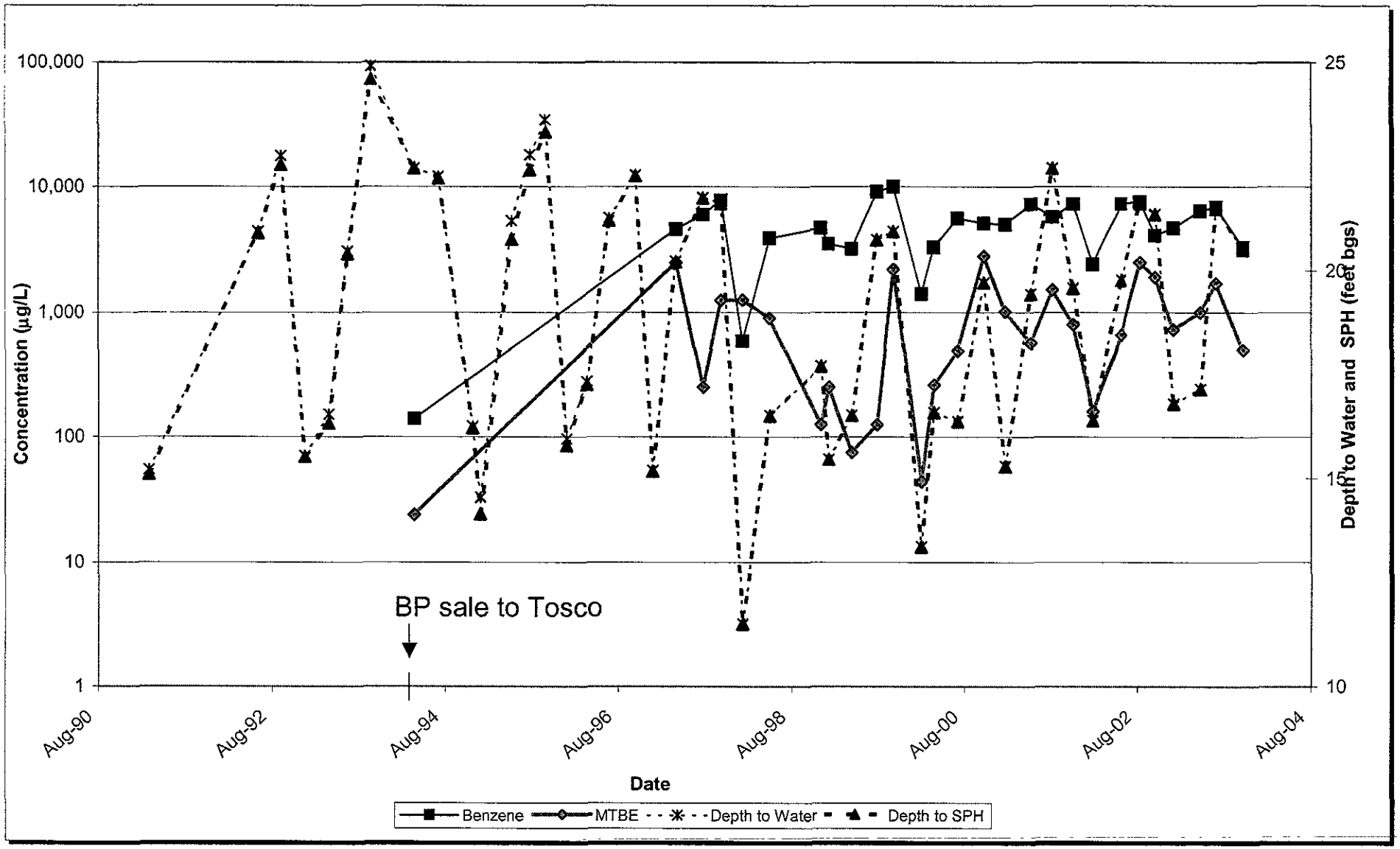
*** Data prior to 1998 is incomplete, and amounts removed are estimates based on quarter reports from the previous consultants.

The data within this table collected prior to June 2002 was provided to URS by Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

ATTACHMENT A

CONCENTRATION AND WATER LEVEL TRENDS

Concentration and Water Elevation Trends
(MW-2)

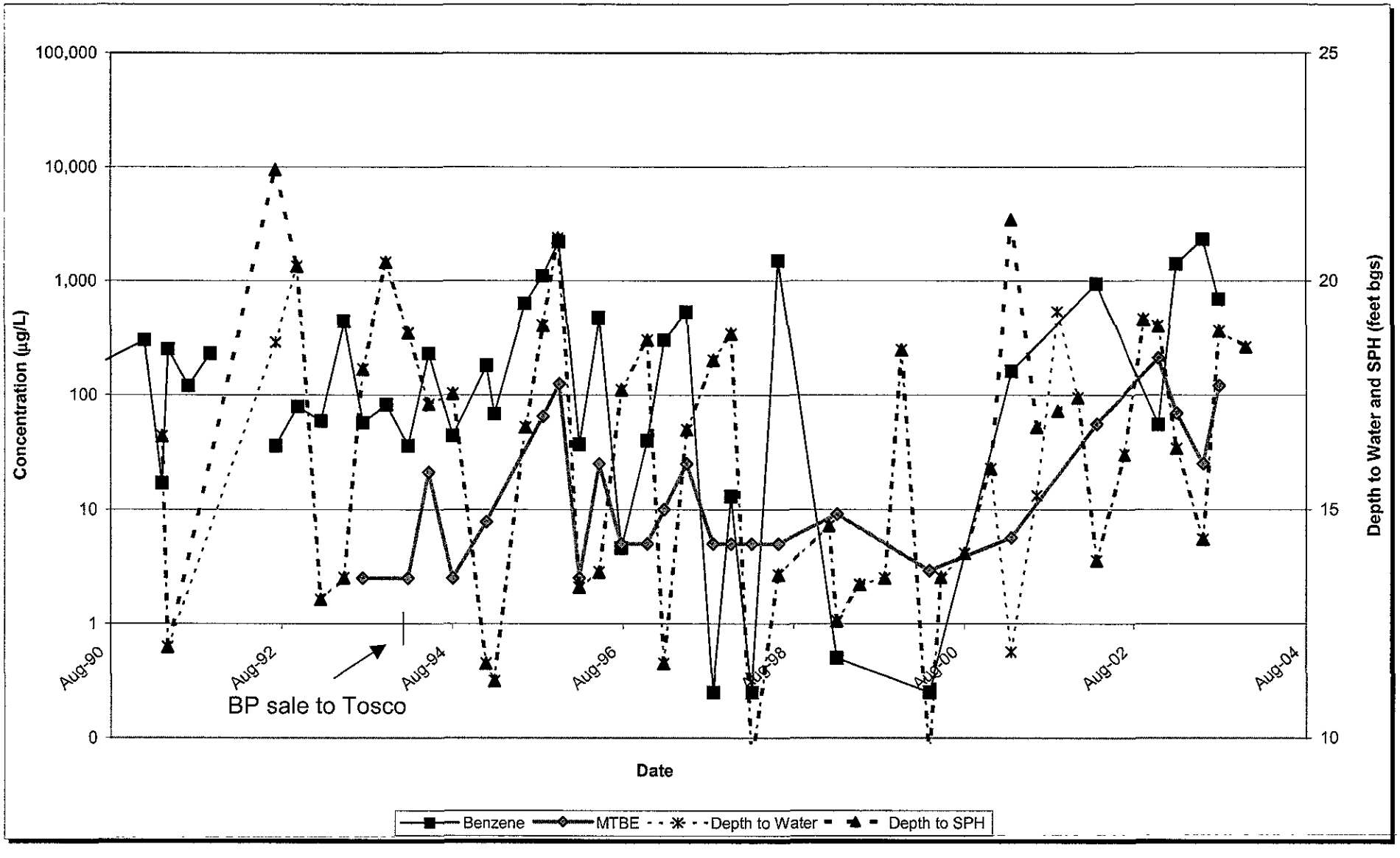


URS Corporation

Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

Graph 1

Concentration and Water Elevation Trends
(MW-5)

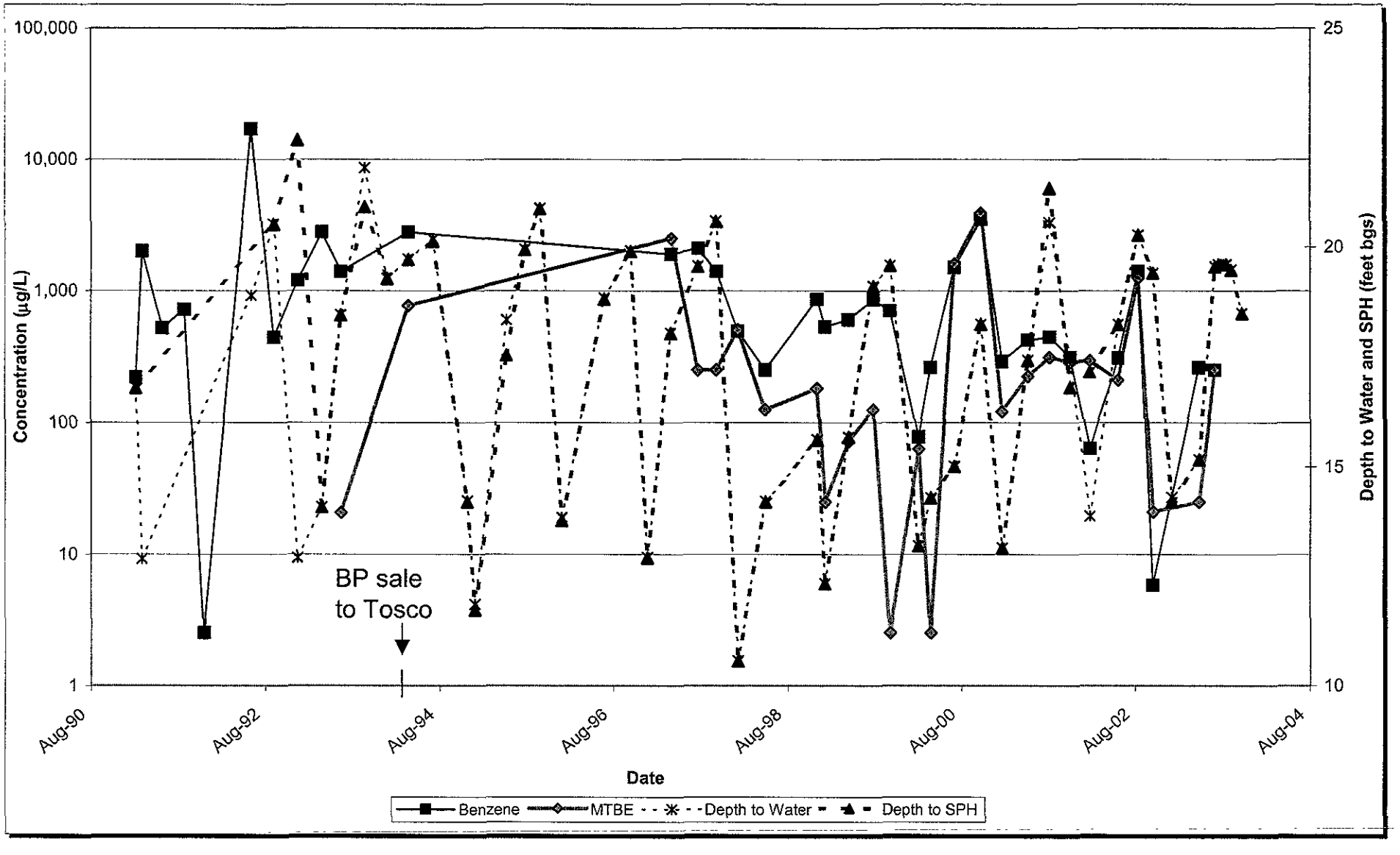


URS Corporation

Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

Graph 2

Concentration and Water Elevation Trends
(MW-9)



URS Corporation

Former BP Service Station #11132
3201 35th Avenue, Oakland, CA

Graph 3

ATTACHMENT B

FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe. Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

WELL GAUGING DATA

Project # 031003-DA1 Date 10/3/03 Client BP/Arco

Site 3201 35th Ave. Oakland, 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-1	2	S/O	22.31	0.23	139	22.54	—	TOC	
MW-8	2	O/S	No SPH detected			19.33	—		
MW-9	2	O/S	19.47	0.01	6	19.48	—		
MW-10	2	O/S	No SPH detected			20.25	—		
RW-1	6	S/O	20.87	0.03	167	20.90	—		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031603-DA1	Station # 11132
Sampler: DA	Date: 10/3/03
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 22.54
Depth to Free Product: 22.31	Thickness of Free Product (feet): 0.23
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	radius² * 0.163

Purge Method:
- Bailer
- x Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

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

Top of Screen: _____

If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1 Case Volume (Gals.)	x	Specified Volumes	=	Calculated Volume
_____	x	5PH hai, 1	=	_____ Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		139 mL 5PH Removed +			2 gal H2O

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia 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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031603-DA1	Station # 11132
Sampler: DA	Date: 10/3/03
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 19.53
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
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

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

Top of Screen: —

If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

_____ (1 Case Volume (Gals.)) x 5PH bail (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			ND SPH detected		

Did well dewater? Yes No		Gallons actually evacuated:		
Sampling Time:		Sampling Date:		
Sample I.D.:		Laboratory: Pace Sequoia 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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031003-DA1	Station # 11132
Sampler: DA	Date: 10/3/03
Well I.D.: ~~MW-9~~ MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth:	Depth to Water: 19.48
Depth to Free Product: — 19.47	Thickness of Free Product (feet): 0.01
Referenced to: (TOC) 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	radius² * 0.163

Purge Method:
- Bailer
- x Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

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

Top of Screen: —

If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

_____ (1 Case Volume (Gals.)) x SPH bail (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			ind SPH detected		
		6.32	mL SPH	removed	+ 0.5 gal H2O

Did well dewater? Yes No

Gallons actually evacuated:

Sampling Time:

Sampling Date:

Sample I.D.:

Laboratory: Pace Sequoia 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	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031003-DA1	Station # 11132
Sampler: DA	Date: 10/3/03
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: —	Depth to Water: 20.25
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
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

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

Top of Screen: —

If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1 Case Volume (Gals.)	X	~~SPH~~ Bail / ~~No SPH~~ Specified Volumes	=	Calculated Volume Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			NO SPH	detected	

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia 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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031603-DA1	Station # 11132
Sampler: DA	Date: 10/3/03
Well I.D.: Rw-1	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: —	Depth to Water: 20.90
Depth to Free Product: 20.87	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	radius² * 0.163

Purge Method:
- Bailer
- X Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: ___

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

Top of Screen: —

If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1 Case Volume (Gals.)	x Specified Volumes	= Calculated Volume
___	x 5Pit bail	= ___ Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		167	uL SPH	Removed	+ 1.5g H_2O

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia 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

WELL GAUGING DATA

Project # 031118-553 Date 11/18/03 Client BP 11132

Site 3201 35th AVE. OAKLAND.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC		
MW-1	2		21.45	.25	151	21.70	—	S		SPH
MW-2	2					20.50	31.65	S		
MW-3	2					19.15	34.39			
MW-4	2					21.65	39.95		stopped tabs	
MW-5	2					18.55	31.83	S		
MW-6	2					17.48	34.46			
MW-7	2					20.50	34.39			
MW-8	2	NO SPH ~~Well is product only~~				~~18.80~~	34.00	S		SPH
MW-9	2	NO SPH				18.48	29.25	S		SPH
MW-10	2	NO SPH				19.55	34.25	S		SPH
PW-1	6	NO SPH				20.10	38.30	S ✓		SPH

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031118-SS3	Station # 11132
Sampler: SOOCH	Date: 11/18/03
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ———	Depth to Water: 21.70
Depth to Free Product: 21.95	Thickness of Free Product (feet): .25
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) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

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

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
BAILED 15	1 ml of	SPH +	2 gal.	H_2O.	

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Time: — Sampling Date:

Sample I.D.: — Laboratory: Pace (Sequoia) Other _____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXY'S + ETHANOL ALL BY 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031118-SS3	Station # 11132
Sampler: SOOCH	Date: 11/18/03
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 31.65	Depth to Water: 20.58
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) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

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

Top of Screen: ____

If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 5.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1326	69.0	6.6	1824	1.8	GREY, SHEEN, GAS ODOR
1329	69.0	6.6	1995	3.6	" " "
1332	68.7	6.6	1999	5.5	" " "

Did well dewater? Yes (No) Gallons actually evacuated: 5.5

Sampling Time: 1335 Sampling Date: 11/18/03

Sample I.D.: MW-2 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXY'S + ETHANOL ALL BY 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031118-SS3	Station # 11132
Sampler: SOOCH	Date: 11/18/03
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 31.83	Depth to Water: 18.55
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

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

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
GAUGED WELL EARLY.			CONSTRUCTION AROUND WELL.		
RETURNED TO WELL TO SAMPLE BUT PILE OF GRAVEL					
DUMPED OVER WELL. UNABLE TO PURGE & SAMPLE.					

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace (Sequoia) Other____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXYS + ETHANOL ALL BY 8260			
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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031118-SS3	Station # 11132
Sampler: SOOCH	Date: 11/18/03
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 34.00	Depth to Water: 18.80
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) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

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

Top of Screen: ____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

2.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1308	66.6	6.7	1335	2.5	GREY, SHEEN, GAS ODOR
1311	66.6	6.7	1363	5.0	" " "
1314	66.6	6.7	1403	7.5	" " "

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Time: 1316 Sampling Date: 11/18/03

Sample I.D.: MW-8 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXY'S + ETHANOL ALL BY 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031118-553	Station # 1132
Sampler: SOOCH	Date: 11/18/03
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 29.25	Depth to Water: 18.48
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); Positive Air Displacement; Electric Submersible; Extraction Pump; Other: _____

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

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 5.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1250	69.1	6.8	1245	1.7	GREY, SHEEN. GAS ODOR
1252	68.7	6.8	1239	3.4	" "
1255	68.6	6.8	1231	5.1	" "

Did well dewater? Yes (No)

Gallons actually evacuated: 5.1

Sampling Time: 1258

Sampling Date: 11/18/03

Sample I.D.: MW-9

Laboratory: Pace (Sequoia) Other _____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXY'S + ETHANOL 8260 BY

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031118-SS3	Station # 11132
Sampler: SOOCH	Date: 11/18/03
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 34.25	Depth to Water: 19.55
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) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

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

Top of Screen: ____

If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

2.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1233	69.1	6.6	1420	2.5	GREY, SHEEN, GAS ODOR
1235	68.5	6.7	1409	5.0	" " "
1237	68.4	6.8	1408	7.5	" " "

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Time: 1240 Sampling Date: 11/18/03

Sample I.D.: MW-10 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXYS + ETHANOL ALL BY 8260

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	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 031118-SS3	Station # 11132
Sampler: SOOCH	Date: 11/18/03
Well I.D.: RW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 36.30	Depth to Water: 20.10
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / (Electric Submersible) / Extraction Pump / Other: _____

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

Top of Screen: _____

If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

27 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 81 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1350	69.5	6.6	1075	27	CLEAR, GAS ODOR
1355	69.7	6.6	1012	54	MUDDY
WELL	DEWATERED @	54 gal.			DTW = 36.20
1404	69.8	6.6	1001	———	GREY, SILTY, STRONG

Did well dewater? (Yes) No — Gallons actually evacuated: 54

Sampling Time: 1400 Sampling Date: 11/18/03

Sample I.D.: RW-1 — Laboratory: Pace (Sequoia) Other _____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXY'S + ETHANOL ALL BY 8260

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 GEM OIL COMPANY TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING** FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT BP GEM OIL COMPANY FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY DILLARD ENVIRONMENTAL TO THE ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY IN LIVERMORE, CALIFORNIA.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA 95112 (phone [408] 573-0555). Blaine Tech Services, Inc. is authorized by BP GEM OIL COMPANY to recover, collect, apportion into loads the Non-Hazardous Well Purgewater that is drawn from wells at the BP GEM Oil Company facility indicated below and deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one BP GEM facility to the designated destination point; from one BP GEM facility to the designated destination point via another BP GEM facility; from a BP GEM facility to the designated destination point via the contractor's facility, or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of BP GEM Oil Company.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the BP GEM Oil Company facility described below:

11132
Station #

3201 35th AVE. OAKLAND
Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip. rinse water _____

any other adjustments _____

TOTAL GALS. RECOVERED 79

loaded onto BTS vehicle # 52

BTS event #	time	date
031118-553	1430	11/18/03

signature _____

* *

REC'D AT	time	date
BTS	1530	11/18/03

unloaded by signature _____

ATTACHMENT C

LABORATORY PROCEDURES, CERTIFIED ANALYTICAL REPORTS, AND CHAIN-OF-CUSTODY RECORDS

LABORATORY PROCEDURES

Laboratory Procedures

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by Group Environmental Management Company have been reviewed and verified by that laboratory.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

10 December, 2003

Leonard Niles
URS Corporation [Arco]
500 12th Street, Suite 200
Oakland, CA 94607

RE: BP Heritage #11132, Oakland, CA
Work Order: MMK0674

Enclosed are the results of analyses for samples received by the laboratory on 11/19/03 11:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James Hartley For Theresa Allen
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MMK0674
500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MMK0674-01	Water	11/18/03 13:35	11/19/03 11:55
MW-8	MMK0674-02	Water	11/18/03 13:16	11/19/03 11:55
MW-9	MMK0674-03	Water	11/18/03 12:58	11/19/03 11:55
MW-10	MMK0674-04	Water	11/18/03 12:40	11/19/03 11:55
RW-1	MMK0674-05	Water	11/18/03 14:00	11/19/03 11:55

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MMK0674
500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MMK0674-01) Water Sampled: 11/18/03 13:35 Received: 11/19/03 11:55									
Ethanol	ND	5000	ug/l	50	3L01027	12/01/03	12/01/03	EPA 8260B	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Methyl tert-butyl ether	**500**	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Benzene	**3300**	25	"	"	"	"	"	"	
Toluene	**800**	25	"	"	"	"	"	"	
Ethylbenzene	**500**	25	"	"	"	"	"	"	
Xylenes (total)	**2000**	25	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*78-129*		"	"	"	"	
MW-2 (MMK0674-01RE1) Water Sampled: 11/18/03 13:35 Received: 11/19/03 11:55									
Gasoline Range Organics	**23000**	2500	ug/l	50	3L04020	12/01/03	12/01/03	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*78-129*		"	"	"	"	
MW-8 (MMK0674-02) Water Sampled: 11/18/03 13:16 Received: 11/19/03 11:55									
Ethanol	ND	2000	ug/l	20	3L01009	12/01/03	12/01/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	O-09
Methyl tert-butyl ether	**1700**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
tert-Amyl methyl ether	**20**	10	"	"	"	"	"	"	
Benzene	**500**	10	"	"	"	"	"	"	
Toluene	**37**	10	"	"	"	"	"	"	
Ethylbenzene	**530**	10	"	"	"	"	"	"	
Xylenes (total)	**930**	10	"	"	"	"	"	"	
Gasoline Range Organics	**8800**	1000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*78-129*		"	"	"	"	

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Morgan Hill, CA 95037
(408) 776-9600
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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MMK0674
500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MMK0674-03) Water Sampled: 11/18/03 12:58 Received: 11/19/03 11:55									
Ethanol	ND	2000	ug/l	20	3L01009	12/01/03	12/01/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	O-09
Methyl tert-butyl ether	**45**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	10	"	"	"	"	"	"	
Benzene	**250**	10	"	"	"	"	"	"	
Toluene	**18**	10	"	"	"	"	"	"	
Ethylbenzene	**690**	10	"	"	"	"	"	"	
Xylenes (total)	**2400**	10	"	"	"	"	"	"	
Gasoline Range Organics	**19000**	1000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*78-129*		"	"	"	"	
MW-10 (MMK0674-04) Water Sampled: 11/18/03 12:40 Received: 11/19/03 11:55									**HT-04**
Ethanol	ND	10000	ug/l	100	3L05009	12/05/03	12/05/03	EPA 8260B	O-12
tert-Butyl alcohol	ND	2000	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	50	"	"	"	"	"	"	
Benzene	**2200**	50	"	"	"	"	"	"	
Toluene	**530**	50	"	"	"	"	"	"	
Ethylbenzene	**320**	50	"	"	"	"	"	"	
Xylenes (total)	**860**	50	"	"	"	"	"	"	
Gasoline Range Organics	**9900**	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*78-129*		"	"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MMK0674
500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MMK0674-04RE1) Water Sampled: 11/18/03 12:40 Received: 11/19/03 11:55									
Gasoline Range Organics	**13000**	2500	ug/l	50	3L04020	12/01/03	12/01/03	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*78-129*		"	"	"	"	
RW-1 (MMK0674-05) Water Sampled: 11/18/03 14:00 Received: 11/19/03 11:55									
Ethanol	ND	10000	ug/l	100	3L01009	12/01/03	12/01/03	EPA 8260B	O-12a
tert-Butyl alcohol	**11000**	2000	"	"	"	"	"	"	O-09
Methyl tert-butyl ether	**6100**	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
tert-Amyl methyl ether	**160**	50	"	"	"	"	"	"	
Benzene	**770**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	**320**	50	"	"	"	"	"	"	
Xylenes (total)	**250**	50	"	"	"	"	"	"	
Gasoline Range Organics	**12000**	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*78-129*		"	"	"	"	

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500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3L01009 - EPA 5030B P/T										
Blank (3L01009-BLK1)				Prepared & Analyzed: 12/01/03						
Ethanol	ND	100	ug/l							O-12a
tert-Butyl alcohol	ND	20	"							O-09
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.66*		"	*5.00*		*113*	*78-129*			
Laboratory Control Sample (3L01009-BS1)				Prepared: 12/01/03 Analyzed: 12/02/03						
Ethanol	226	100	ug/l	200		113	31-186			O-12a
tert-Butyl alcohol	63.9	20	"	50.0		128	0-206			O-09
Methyl tert-butyl ether	11.6	0.50	"	10.0		116	63-137			
Di-isopropyl ether	9.86	0.50	"	10.0		98.6	76-130			
Ethyl tert-butyl ether	9.32	0.50	"	10.0		93.2	61-141			
tert-Amyl methyl ether	10.7	0.50	"	10.0		107	56-140			
1,2-Dichloroethane	12.5	0.50	"	10.0		125	77-136			
1,2-Dibromoethane (EDB)	11.4	0.50	"	10.0		114	77-132			
Benzene	13.5	0.50	"	10.0		135	78-124			Q-LIM
Toluene	10.1	0.50	"	10.0		101	78-129			
Ethylbenzene	9.96	0.50	"	10.0		99.6	84-117			
Xylenes (total)	29.2	0.50	"	30.0		97.3	83-125			
Surrogate: 1,2-Dichloroethane-d4	*5.39*		"	*5.00*		*108*	*78-129*			

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Morgan Hill, CA 95037
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500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3L01009 - EPA 5030B P/T										
Laboratory Control Sample (3L01009-BS2)				Prepared & Analyzed: 12/01/03						
Methyl tert-butyl ether	9.70	0.50	ug/l	9.92		97.8	63-137			
Benzene	7.74	0.50	"	6.40		121	78-124			
Toluene	39.6	0.50	"	29.7		133	78-129			Q-LIM
Ethylbenzene	7.44	0.50	"	6.96		107	84-117			
Xylenes (total)	38.9	0.50	"	33.7		115	83-125			
Gasoline Range Organics	479	50	"	440		109	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.60*		"	*5.00*		*112*	*78-129*			
Laboratory Control Sample Dup (3L01009-BSD1)				Prepared: 12/01/03 Analyzed: 12/02/03						
Ethanol	252	100	ug/l	200		126	31-186	10.9	37	O-12a
tert-Butyl alcohol	58.6	20	"	50.0		117	0-206	8.65	22	O-09
Methyl tert-butyl ether	11.1	0.50	"	10.0		111	63-137	4.41	13	
Di-isopropyl ether	9.17	0.50	"	10.0		91.7	76-130	7.25	9	
Ethyl tert-butyl ether	9.01	0.50	"	10.0		90.1	61-141	3.38	9	
tert-Amyl methyl ether	9.89	0.50	"	10.0		98.9	56-140	7.87	12	
1,2-Dichloroethane	12.3	0.50	"	10.0		123	77-136	1.61	13	
1,2-Dibromoethane (EDB)	11.3	0.50	"	10.0		113	77-132	0.881	9	
Benzene	13.3	0.50	"	10.0		133	78-124	1.49	12	Q-LIM
Toluene	9.97	0.50	"	10.0		99.7	78-129	1.30	10	
Ethylbenzene	9.86	0.50	"	10.0		98.6	84-117	1.01	10	
Xylenes (total)	29.2	0.50	"	30.0		97.3	83-125	0.00	11	
Surrogate: 1,2-Dichloroethane-d4	*5.38*		"	*5.00*		*108*	*78-129*			
Laboratory Control Sample Dup (3L01009-BSD2)				Prepared: 12/01/03 Analyzed: 12/02/03						
Methyl tert-butyl ether	9.41	0.50	ug/l	9.92		94.9	63-137	3.04	13	
Benzene	7.27	0.50	"	6.40		114	78-124	6.26	12	
Toluene	35.4	0.50	"	29.7		119	78-129	11.2	10	QR-07
Ethylbenzene	7.11	0.50	"	6.96		102	84-117	4.54	10	
Xylenes (total)	36.0	0.50	"	33.7		107	83-125	7.74	11	
Gasoline Range Organics	418	50	"	440		95.0	70-113	13.6	9	QR-02
Surrogate: 1,2-Dichloroethane-d4	*5.23*		"	*5.00*		*105*	*78-129*			

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Morgan Hill, CA 95037
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500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3L01027 - EPA 5030B P/T										
Blank (3L01027-BLK1)				Prepared & Analyzed: 12/01/03						
Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.44*		"	*5.00*		*109*	*78-129*			
Laboratory Control Sample (3L01027-BS1)				Prepared & Analyzed: 12/01/03						
Ethanol	222	100	ug/l	200		111	31-186			
tert-Butyl alcohol	47.2	20	"	50.0		94.4	0-206			
Methyl tert-butyl ether	9.59	0.50	"	10.0		95.9	63-137			
Di-isopropyl ether	9.04	0.50	"	10.0		90.4	76-130			
Ethyl tert-butyl ether	9.26	0.50	"	10.0		92.6	61-141			
tert-Amyl methyl ether	9.51	0.50	"	10.0		95.1	56-140			
1,2-Dichloroethane	10.2	0.50	"	10.0		102	77-136			
1,2-Dibromoethane (EDB)	9.25	0.50	"	10.0		92.5	77-132			
Benzene	9.50	0.50	"	10.0		95.0	78-124			
Toluene	8.80	0.50	"	10.0		88.0	78-129			
Ethylbenzene	8.60	0.50	"	10.0		86.0	84-117			
Xylenes (total)	25.6	0.50	"	30.0		85.3	83-125			
Surrogate: 1,2-Dichloroethane-d4	*5.38*		"	*5.00*		*108*	*78-129*			

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500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3L01027 - EPA 5030B P/T										
Laboratory Control Sample Dup (3L01027-BSD1)				Prepared: 12/01/03 Analyzed: 12/02/03						
Ethanol	202	100	ug/l	200		101	31-186	9.43	37	
tert-Butyl alcohol	47.3	20	"	50.0		94.6	0-206	0.212	22	
Methyl tert-butyl ether	9.68	0.50	"	10.0		96.8	63-137	0.934	13	
Di-isopropyl ether	9.33	0.50	"	10.0		93.3	76-130	3.16	9	
Ethyl tert-butyl ether	9.48	0.50	"	10.0		94.8	61-141	2.35	9	
tert-Amyl methyl ether	9.73	0.50	"	10.0		97.3	56-140	2.29	12	
1,2-Dichloroethane	10.4	0.50	"	10.0		104	77-136	1.94	13	
1,2-Dibromoethane (EDB)	9.20	0.50	"	10.0		92.0	77-132	0.542	9	
Benzene	10.3	0.50	"	10.0		103	78-124	8.08	12	
Toluene	9.51	0.50	"	10.0		95.1	78-129	7.76	10	
Ethylbenzene	9.37	0.50	"	10.0		93.7	84-117	8.57	10	
Xylenes (total)	27.6	0.50	"	30.0		92.0	83-125	7.52	11	
Surrogate: 1,2-Dichloroethane-d4	*5.18*		*"*	*5.00*		*104*	*78-129*			
Batch 3L04020 - EPA 5030B P/T										
Blank (3L04020-BLK1)				Prepared & Analyzed: 12/01/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*5.59*		*"*	*5.00*		*112*	*78-129*			
Laboratory Control Sample (3L04020-BS1)				Prepared & Analyzed: 12/01/03						
Gasoline Range Organics	459	50	ug/l	440		104	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.33*		*"*	*5.00*		*107*	*78-129*			
Laboratory Control Sample Dup (3L04020-BSD1)				Prepared & Analyzed: 12/01/03						
Gasoline Range Organics	410	50	ug/l	440		93.2	70-113	11.3	9	QR-02
Surrogate: 1,2-Dichloroethane-d4	*5.25*		*"*	*5.00*		*105*	*78-129*			

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500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3L05009 - EPA 5030B P/T										
Blank (3L05009-BLK1)				Prepared & Analyzed: 12/05/03						
Ethanol	ND	100	ug/l							O-12
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.40*		"	*5.00*		*108*	*78-129*			
Laboratory Control Sample (3L05009-BS1)				Prepared & Analyzed: 12/05/03						
Ethanol	225	100	ug/l	200		112	31-186			O-12
tert-Butyl alcohol	50.2	20	"	50.0		100	0-206			
Methyl tert-butyl ether	11.3	0.50	"	10.0		113	63-137			
Di-isopropyl ether	10.8	0.50	"	10.0		108	76-130			
Ethyl tert-butyl ether	11.0	0.50	"	10.0		110	61-141			
tert-Amyl methyl ether	11.2	0.50	"	10.0		112	56-140			
1,2-Dichloroethane	12.2	0.50	"	10.0		122	77-136			
1,2-Dibromoethane (EDB)	10.7	0.50	"	10.0		107	77-132			
Benzene	11.8	0.50	"	10.0		118	78-124			
Toluene	11.2	0.50	"	10.0		112	78-129			
Ethylbenzene	10.9	0.50	"	10.0		109	84-117			
Xylenes (total)	32.2	0.50	"	30.0		107	83-125			
Surrogate: 1,2-Dichloroethane-d4	*5.34*		"	*5.00*		*107*	*78-129*			

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500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3L05009 - EPA 5030B P/T										
Laboratory Control Sample (3L05009-BS2)				Prepared & Analyzed: 12/05/03						
Gasoline Range Organics	429	50	ug/l	440		97.5	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.33*		"	*5.00*		*107*	*78-129*			
Laboratory Control Sample Dup (3L05009-BSD1)				Prepared: 12/05/03 Analyzed: 12/06/03						
Ethanol	191	100	ug/l	200		95.5	31-186	16.3	37	
tert-Butyl alcohol	51.2	20	"	50.0		102	0-206	1.97	22	
Methyl tert-butyl ether	10.0	0.50	"	10.0		100	63-137	12.2	13	
Di-isopropyl ether	9.41	0.50	"	10.0		94.1	76-130	13.8	9	QR-02
Ethyl tert-butyl ether	9.65	0.50	"	10.0		96.5	61-141	13.1	9	QR-02
tert-Amyl methyl ether	9.44	0.50	"	10.0		94.4	56-140	17.1	12	QR-02
1,2-Dichloroethane	10.8	0.50	"	10.0		108	77-136	12.2	13	
1,2-Dibromoethane (EDB)	9.72	0.50	"	10.0		97.2	77-132	9.60	9	QR-02
Benzene	10.4	0.50	"	10.0		104	78-124	12.6	12	QR-02
Toluene	9.57	0.50	"	10.0		95.7	78-129	15.7	10	QR-02
Ethylbenzene	9.55	0.50	"	10.0		95.5	84-117	13.2	10	QR-02
Xylenes (total)	26.7	0.50	"	30.0		89.0	83-125	18.7	11	QR-02
Surrogate: 1,2-Dichloroethane-d4	*5.18*		"	*5.00*		*104*	*78-129*			
Laboratory Control Sample Dup (3L05009-BSD2)				Prepared: 12/05/03 Analyzed: 12/06/03						
Gasoline Range Organics	411	50	ug/l	440		93.4	70-113	4.29	9	
Surrogate: 1,2-Dichloroethane-d4	*5.42*		"	*5.00*		*108*	*78-129*			
Matrix Spike (3L05009-MS1)	**Source: MMK0757-01**			Prepared: 12/05/03 Analyzed: 12/06/03						
Ethanol	274	100	ug/l	200	ND	137	31-186			
tert-Butyl alcohol	60.2	20	"	50.0	ND	120	0-206			
Methyl tert-butyl ether	10.8	0.50	"	10.0	0.090	107	63-137			
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	76-130			
Ethyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	61-141			
tert-Amyl methyl ether	10.4	0.50	"	10.0	ND	104	56-140			
1,2-Dichloroethane	11.4	0.50	"	10.0	ND	114	77-126			
1,2-Dibromoethane (EDB)	10.4	0.50	"	10.0	ND	104	77-132			
Benzene	11.3	0.50	"	10.0	0.10	112	78-124			
Toluene	10.4	0.50	"	10.0	0.29	101	78-129			
Ethylbenzene	9.94	0.50	"	10.0	ND	99.4	84-117			
Xylenes (total)	29.1	0.50	"	30.0	ND	97.0	83-125			
Surrogate: 1,2-Dichloroethane-d4	*5.14*		"	*5.00*		*103*	*78-129*			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MMK0674
500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3L05009 - EPA 5030B P/T										
Matrix Spike Dup (3L05009-MSD1)	**Source: MMK0757-01**			Prepared: 12/05/03		Analyzed: 12/06/03				
Ethanol	229	100	ug/l	200	ND	114	31-186	17.9	37	
tert-Butyl alcohol	59.4	20	"	50.0	ND	119	0-206	1.34	22	
Methyl tert-butyl ether	10.8	0.50	"	10.0	0.090	107	63-137	0.00	13	
Di-isopropyl ether	9.92	0.50	"	10.0	ND	99.2	76-130	1.80	9	
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	61-141	0.976	9	
tert-Amyl methyl ether	10.3	0.50	"	10.0	ND	103	56-140	0.966	12	
1,2-Dichloroethane	11.4	0.50	"	10.0	ND	114	77-126	0.00	13	
1,2-Dibromoethane (EDB)	10.3	0.50	"	10.0	ND	103	77-132	0.966	9	
Benzene	10.9	0.50	"	10.0	0.10	108	78-124	3.60	12	
Toluene	10.4	0.50	"	10.0	0.29	101	78-129	0.00	10	
Ethylbenzene	9.90	0.50	"	10.0	ND	99.0	84-117	0.403	10	
Xylenes (total)	29.1	0.50	"	30.0	ND	97.0	83-125	0.00	11	
Surrogate: 1,2-Dichloroethane-d4	*5.30*		"	*5.00*		*106*	*78-129*			

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URS Corporation [Arco]	Project: BP Heritage #11132, Oakland, CA	MMK0674
500 12th Street, Suite 200	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Leonard Niles	12/10/03 14:11

Notes and Definitions

HT-04	This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
O-09	The result was reported with a possible high bias due to the continuing calibration verification falling outside acceptance criteria.
O-12	The continuing calibration verification was outside of client contractual acceptance limits by 5.4 % high. However, it was within method acceptance limits. The data should still be useful for its intended purpose.
O-12a	The continuing calibration verification was outside of client contractual acceptance limits by 5.9% high. However, it was within method acceptance limits. The data should still be useful for its intended purpose.
Q-LIM	The percent recovery was outside of the control limits. The samples results may still be useful for their intended purpose.
QR-02	The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-07	The RPD was outside control limits. The results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

MMR0674

Page 1 of 1

Chain of Custody Record

bp

Project Name 11132 GWM
BP BU/GEM CO Portfolio Retail
BP Laboratory Contract Number: Atlantic Richfield Company

Date: 11/18/03
Requested Due Date (mm/dd/yy): 14 day TAT

On-site Time: 1120 Temp: 78°
Off-site Time: 1930 Temp: 70°
Sky Conditions: clear
Meteorological Events:
Wind Speed: Direction:

Send To:	
Lab Name: SEQUOIA	
Lab Address: 885 Jarvis Dr.	
Morgan Hill, CA 95037	
Lab PM Theresa Allen	
Tele/Fax: 408-776-9600 / 408-782-6308	
Report Type & QC Level: 1 Send EDF Reports	
BP/GEM Account No.: 400-6-21124	

BP/GEM Facility No.:	11132
BP/GEM Facility Address:	3201 35TH AVENUE, OAKLAND, CA
Site ID No.	11132
Site Lat/Long:	
California Global ID #:	T0600100213
BP/GEM PM Contact:	PAUL SUPPLE
Address:	P.O. Box 6549
	Moraga, CA 94570
Tele/Fax:	925-299-8891/925-299-8872

Consultant/Contractor:	URS
Address:	500 12th St., Ste. 200
	Oakland, CA 94609-4014
e-mail EDD:	donna_cosper@URSCorp.com
Consultant/Contractor Project No.:	
Consultant Tele/Fax:	510-893-3600/510-874-3268
Consultant/Contractor PM:	Leonard Niles
Invoice to:	Consultant/Contractor or BP/GEM (Circle one)
BP/GEM Work Release No:	

Lab Bottle Order No:

Item No.	Sample Description	Time	Matrix: Soil/Solid	Water/Liquid	Sediments	Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	Requested Analysis: TPH-G / BTEX (8015/8021/8260)	TPH-D (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-2	1335		X			01	3				X	X				X		X	
2	MW-8	1316		X			02	3				X	X				X		X	
3	MW-9	1258		X			03	3				X	X				X		X	
4	MW-10	1240		X			04	3				X	X				X		X	
5	RW-1	1400		X			05	3				X	X				X		X	
6																				
7																				
8																				
9																				
10																				

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: BLAINE TECH		11/18/03	1053		11/18/03	1053
Shipment Date:		11/18/03	1155		11/18/03	1155
Shipment Method:						
Shipment Tracking No:						

Special Conditions: Address Invoice to BP/GEM but send to URS for approval

Ice Present: Yes X No ___ Temperature Blank Yes ___ No X Cooler Temperature on Receipt 3.2 °F/C Trip Blank Yes ___ No X

White Copy - Laboratory / Yellow Copy - BP/GEM / Pink Copy - Consultant/Contractor

BP COC Rev. 1 2/5/03

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT): AS
WORKORDER: MM10074

DATE REC'D AT LAB: 11-19-03
TIME REC'D AT LAB: 1155
DATE LOGGED IN: 11-20-03

DRINKING WATER for regulatory purposes: YES / NO
WASTE WATER for regulatory purposes: YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s): Present / Absent; Intact / Broken*	01		MW-2	(3)VOAs	HCl	L	11-18-03	
2. Chain-of-Custody: Present / Absent*	02		MW-8	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present / Absent	03		MW-9					
4. Airbill: Airbill / Sticker Present / Absent	04		MW-10					
5. Airbill #:	05		RW-1					
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time: Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper Preservatives used: Yes / No*								
13. Temp Rec. at Lab: 3.2°C; Is temp 4 +/-2°C? Yes / No**								

AS 11-20-03

(acceptance range for samples requiring thermal pres.)

Exception (if any): METALS / DFF ON ICE

Problem COC

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

V 4.xls
n 4 (11/10/03)
Revision 3 (03/16/03)
1/10/03

ATTACHMENT D

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

12/17/03

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	BP Heritage #11132, Oakla
Work Order Number:	MMK0674
Global ID:	T0600100213
Lab Report Number:	MMK0674121020031418

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
MMK06741210200 31418	MW-10	MMK067404	W	CS	8260TPH	SW5030B	11/18/03	12/05/03	12/05/03	3L05009	1	
MMK06741210200 31418	MW-10	MMK067404R1	W	CS	8260TPH	SW5030B	11/18/03	12/01/03	12/01/03	3L04020	1	
MMK06741210200 31418	MW-2	MMK067401	W	CS	8260TPH	SW5030B	11/18/03	12/01/03	12/01/03	3L01027	1	
MMK06741210200 31418	MW-2	MMK067401R1	W	CS	8260TPH	SW5030B	11/18/03	12/01/03	12/01/03	3L04020	1	
MMK06741210200 31418	MW-8	MMK067402	W	CS	8260TPH	SW5030B	11/18/03	12/01/03	12/01/03	3L01009	1	
MMK06741210200 31418	MW-9	MMK067403	W	CS	8260TPH	SW5030B	11/18/03	12/01/03	12/01/03	3L01009	1	
MMK06741210200 31418	RW-1	MMK067405	W	CS	8260TPH	SW5030B	11/18/03	12/01/03	12/01/03	3L01009	1	
		MMK075701	W	NC	8260TPH	SW5030B	/ /	12/05/03	12/06/03	3L05009	1	
		3L01009BSD1	WQ	BD1	8260TPH	SW5030B	/ /	12/01/03	12/02/03	3L01009	1	
		3L01009BSD2	WQ	BD2	8260TPH	SW5030B	/ /	12/01/03	12/02/03	3L01009	1	
		3L01009BS1	WQ	BS1	8260TPH	SW5030B	/ /	12/01/03	12/02/03	3L01009	1	
		3L01009BS2	WQ	BS2	8260TPH	SW5030B	/ /	12/01/03	12/01/03	3L01009	1	
		3L01009BLK1	WQ	LB1	8260TPH	SW5030B	/ /	12/01/03	12/01/03	3L01009	1	
		3L01027BSD1	WQ	BD1	8260TPH	SW5030B	/ /	12/01/03	12/02/03	3L01027	1	
		3L01027BS1	WQ	BS1	8260TPH	SW5030B	/ /	12/01/03	12/01/03	3L01027	1	
		3L01027BLK1	WQ	LB1	8260TPH	SW5030B	/ /	12/01/03	12/01/03	3L01027	1	
		3L04020BSD1	WQ	BD1	8260TPH	SW5030B	/ /	12/01/03	12/01/03	3L04020	1	
		3L04020BS1	WQ	BS1	8260TPH	SW5030B	/ /	12/01/03	12/01/03	3L04020	1	
		3L04020BLK1	WQ	LB1	8260TPH	SW5030B	/ /	12/01/03	12/01/03	3L04020	1	
		3L05009BSD1	WQ	BD1	8260TPH	SW5030B	/ /	12/05/03	12/06/03	3L05009	1	
		3L05009BSD2	WQ	BD2	8260TPH	SW5030B	/ /	12/05/03	12/06/03	3L05009	1	
		3L05009BS1	WQ	BS1	8260TPH	SW5030B	/ /	12/05/03	12/05/03	3L05009	1	
		3L05009BS2	WQ	BS2	8260TPH	SW5030B	/ /	12/05/03	12/05/03	3L05009	1	
		3L05009BLK1	WQ	LB1	8260TPH	SW5030B	/ /	12/05/03	12/05/03	3L05009	1	
		3L05009MS1	W	MS1	8260TPH	SW5030B	/ /	12/05/03	12/06/03	3L05009	1	
		3L05009MSD1	W	SD1	8260TPH	SW5030B	/ /	12/05/03	12/06/03	3L05009	1	

EDFSAMP: Error Summary Log

12/17/03

Error type	Logcode	Projname	Npdlwo	Sampid	Matrix
There are no errors in this data file					

EDFTEST: Error Summary Log

12/17/03

Error type	Labsampid	Qccode	Anmcode	Exmcode	Anadate	Run number
There are no errors in this data file					/ /	0

EDFRES: Error Summary Log

12/17/03

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
There are no errors in this data file						/ /	0	

EDFQC: Error Summary Log

12/17/03

Error type	Lablotctl	Anmcode	Parlabel	Qccode	Labqcid
There are no errors in this data files					

EDFCL: Error Summary Log

12/17/03

Error type	Clrevdate	Anmcode	Exmcode	Parlabel	Clcode
There are no errors in this data file	/ /				

AB2886 Electronic Delivery

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been succcessfully uploaded!

Confirmation Number:	1334821224
Date/Time of Submittal:	12/11/2003 11:14:21 AM
Facility Global ID:	T0600100213
Facility Name:	BP
Submittal Title:	Fourth Quarter 2003 Groundwater Monitoring Report
Submittal Type:	GW Monitoring Report

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

AB2886 Electronic Delivery

Main Menu | View/Add Facilities | Upload EDD | Check EDD

UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Title:	**Fourth Quarter 2003 Groundwater Monitoring Report - Geowell for Site # 11132**
Submittal Date/Time:	**12/11/2003 11:07:24 AM**
Confirmation Number:	**4125930607**

Back to Main Menu

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