

January 18, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Alameda County
Environmental Health
JAN 19 2006

**Re: Fourth Quarter 2005 Groundwater Monitoring Report
Former BP Service Station #11132
3201 35th Avenue
Oakland, California
ACEH Case No. RO0000014**

Dear Mr. Hwang:

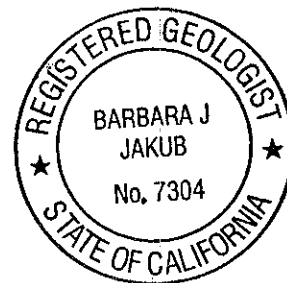
On behalf of the Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Groundwater Monitoring Report* for the Former BP Service Station #11132, located at 3201 35th Avenue, Oakland, California.

If you have any questions regarding this submission, please call me at (510) 874-1758.

Sincerely,

URS CORPORATION

Lynelle Onishi
Project Manager

Barbara Jakub, P.G.
Senior Geologist

Enclosure: Fourth Quarter 2005 Groundwater Monitoring Report

cc: Mr. Kyle Christie, Atlantic Richfield Company (RM), copy uploaded to ENFOS
Ms. Shelby Lathrop, ConocoPhillips, copy uploaded to URS ftp server

R E P O R T

**FOURTH QUARTER 2005
GROUNDWATER MONITORING
REPORT**

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

Prepared for
RM

Alameda County
JAN 19 2006
Environmental Health

January 18, 2006

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: January 18, 2006

Quarter: 4Q 05

FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT

Facility No.:	<u>11132</u>	Address:	<u>3201 35th Avenue Oakland, CA</u>
RM Environmental Business Manager:			<u>Kyle Christie</u>
Consulting Co./Contact Person:			<u>URS Corporation / Lynelle Onishi</u>
Primary Agency			<u>Alameda County Environmental Health (ACEH)</u>
ACEH Case#:			<u>RO000014</u>

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. Performed the fourth quarter 2005 groundwater monitoring event on November 18, 2005.
2. Performed monthly free product (FP) gauging and bailing as an interim remedial action measure.

WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. Prepared and submitted this Fourth Quarter 2005 Groundwater Monitoring Report.
2. Perform the first quarter 2006 groundwater monitoring event.
3. Perform monthly FP gauging and bailing as an interim remedial action measure.

Current Phase of Project:	<u>GW Monitoring/Sampling/FP Bailing</u>
Frequency of Groundwater Sampling:	<u>Quarterly: Wells MW-1, MW-2, MW-5, MW-8, MW-9, MW-10 & RW-1</u> <u>Annually (1st quarter): Wells MW-3 MW-4, MW-6 & MW-7</u>
Frequency of Groundwater Monitoring:	<u>Quarterly</u>
Is FP Present On-Site:	<u>FP detected in MW-1 and RW-1 on October 4, November 18, and December 30, 2005</u>
FP Recovered this Quarter (as of 10/4/2005):	<u>0.15 Gallons</u>
Cumulative FP Recovered Since 1990:	<u>52.14 Gallons</u>
Current Remediation Techniques:	<u>Interim FP Bailing</u>
Approximate Depth to Groundwater :	<u>18.33 (MW-5) to 21.67 (MW-4) feet</u>
Groundwater Gradient (direction):	<u>Southwest</u>
Groundwater Gradient (magnitude):	<u>0.03 feet per foot</u>

DISCUSSION:

Gasoline range organics were detected at or above the laboratory reporting limit in all five wells sampled this quarter at concentrations ranging from 1,900 micrograms per liter ($\mu\text{g/L}$) (MW-5) to 37,000 $\mu\text{g/L}$ (MW-2). Benzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 91 $\mu\text{g/L}$ (MW-5) to 11,000 $\mu\text{g/L}$ (MW-2). Toluene was detected at or above the laboratory reporting limit in three wells at concentrations ranging from 120 $\mu\text{g/L}$ (MW-8) to 2,400 $\mu\text{g/L}$ (MW-2). Ethylbenzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 33 $\mu\text{g/L}$ (MW-5) to 1,500 $\mu\text{g/L}$ (MW-2). Xylenes were detected at or above the laboratory reporting limit in five wells at concentrations ranging from 29 $\mu\text{g/L}$ (MW-5) to 4,900 $\mu\text{g/L}$ (MW-8). Methyl tertiary-butyl ether was detected at or above the laboratory

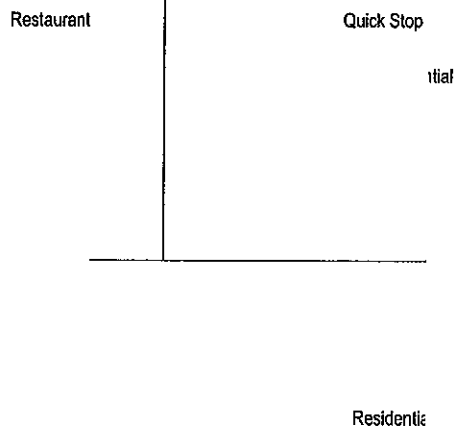
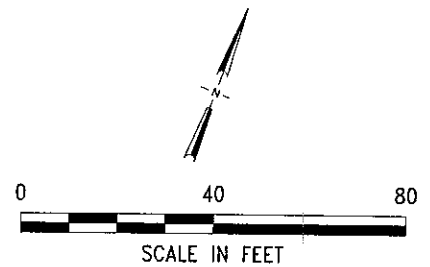
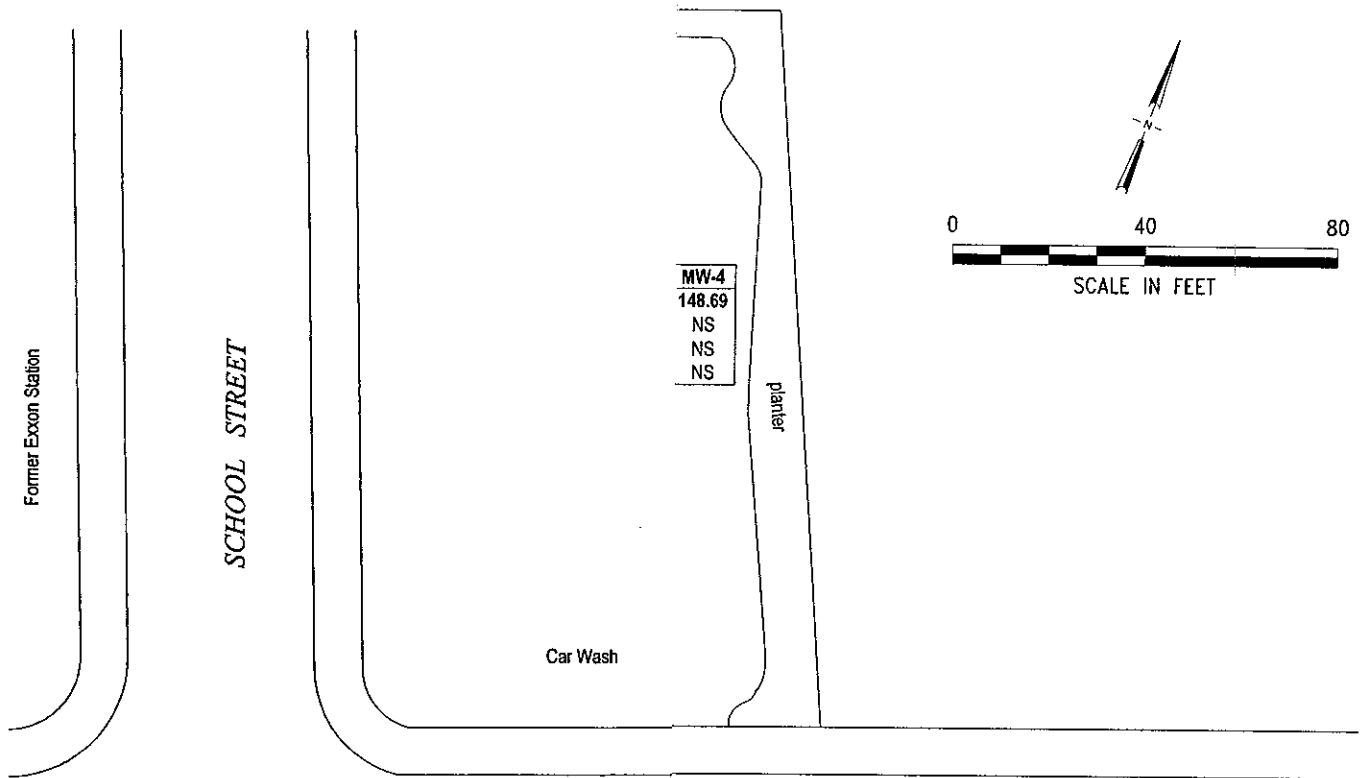
reporting limit in five wells at concentrations ranging from 16 µg/L (MW-10) to 340 µg/L (MW-2, MW-5). No other fuel components were detected at or above their respective laboratory reporting limits this quarter.

Wells MW-1 and RW-1 could not be sampled due to the presence of free product (FP). Approximately 73 milliliters (ml) (0.02 gallons (gal)) of FP were bailed from well MW-1, and approximately 390 ml (0.10 gal) were bailed from well RW-1 during the October 4 product gauging/removal event. Approximately 36.3 ml (0.01 gal) of FP were bailed from well MW-1, and approximately 42.4 ml (0.01 gal) were bailed from well RW-1 during the November 18 monitoring event. Approximately 20 ml (0.005 gal) of FP were bailed from well MW-1, and approximately 24 ml (0.006 gal) were bailed from well RW-1 during the December 30 monitoring event.

Well MW-6 could not be gauged due to a car parked over it.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – November 18, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Free Product Removal
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/Geowell Submittal Confirmations



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

NOTES: 1. SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FIGURES FACILITY LOCATIONS NOT VERIFIED.
 2. WELL MW-7 AND SUTER STREET LOCATIONS HAVE BEEN CORRECTED FROM PREVIOUS MAPS.

**GROUNDWATER ELEVATION CONTOUR
 AND ANALYTICAL SUMMARY MAP**
 fourth Quarter 2005 (November 18, 2005)

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-1	7/9/1990	--	169.75		0.22		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	169.75		0.58		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	169.75	20.59	--		--	--	--	--	--	--	--	--	--	
	4/1/1991	--	169.75	16.51	0.15	153.09	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	169.75		0.18		--	--	--	--	--	--	--	--	--	
	9/27/1991	--	169.75		0.27		--	--	--	--	--	--	--	--	--	
	12/18/1991	--	169.75		0.28		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	169.75	22.30	0.27	147.18	--	--	--	--	--	--	--	--	--	
	10/5/1992	--	169.75	23.98	0.24	145.53	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	169.75	17.03	0.24	152.48	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	169.75	18.10	0.42	151.23	--	--	--	--	--	--	--	--	--	
	7/12/1993	--	169.75	22.02	0.49	147.24	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	169.75	25.12	1.09	143.54	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	169.75	23.02	0.76	145.97	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	169.75	24.54	1.80	143.41	--	--	--	--	--	--	--	--	--	
	8/1/1994	--	169.75	24.11	0.35	145.29	--	--	--	--	--	--	--	--	--	
	12/23/1994	--	169.75	18.19	0.29	151.27	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	169.75	16.25	1.10	152.40	--	--	--	--	--	--	--	--	--	
	6/8/1995	--	169.75	22.92	1.20	145.63	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	169.75	24.45	0.85	144.45	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	169.75	25.41	0.69	143.65	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	169.75	18.20	1.40	150.15	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	169.75	19.06	1.22	149.47	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	169.75	22.98	0.89	145.88	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	169.75	23.99	0.98	144.78	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	169.75	16.80	0.90	152.05	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	169.75	21.90	0.85	147.00	--	--	--	--	--	--	--	--	--	
	4/30/1997	--	169.75	--	--	--	92,000	3,500	8,100	4,400	23,800	6,900	--	--	--	c
	4/30/1997	--	169.75	--	--	--	100,000	3,600	8,000	4,000	21,300	7,700	5.2	--	--	
	8/21/1997	--	169.75	--	--	--	120,000	3,200	8,100	3,800	19,600	5,200	--	--	--	c
	8/21/1997	--	169.75	23.40	0.87	145.48	140,000	3,000	8,500	3,900	22,100	5,700	5.3	--	--	
	11/5/1997	--	169.75	--	--	--	88,000	7,300	4,800	3,600	16,900	8,200	--	--	--	c
	11/5/1997	--	169.75	23.70	0.54	145.51	68,000	6,200	4,400	3,300	14,300	8,000	4.7	--	--	
	2/3/1998	--	169.75	13.63	0.32	155.80	--	--	--	--	--	--	--	--	--	
	2/4/1998	--	169.75	--	--	--	160,000	2,300	8,400	5,000	29,400	<10000	--	--	--	c

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Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-1	2/4/1998	--	169.75	--	--	--	190,000	2,200	10,000	5,600	32,000	<10000	5.3	--	--	
	5/28/1998	--	169.75	18.03	0.17	151.55	87,000	980	3,900	3,600	19,000	2,900	3.8	--	--	
	12/30/1998	--	169.75	19.50	0.08	150.17	70,000	530	3,200	2,900	16,000	3,600	--	--	--	
	2/2/1999	--	169.75	18.93	0.03	150.79	79,000	480	3,100	3,500	21,000	3,500	--	--	--	
	5/10/1999	--	169.75	18.28	0.03	151.44	110,000	160	1,900	3,700	24,000	3,000	--	--	--	
	8/24/1999	--	169.75	20.13	0.06	149.56	110,000	850	1,300	1,900	19,000	<50	--	--	--	
	11/3/1999	--	169.75	22.27	0.36	147.12	65,000	6,300	1,100	3,300	9,500	8,900	--	--	--	
	3/1/2000	--	169.75	14.79	0.23	154.73	--	--	--	--	--	--	--	--	--	h
	4/21/2000	--	169.75	18.10	0.33	151.32	61,000	330	780	2,700	17,000	1,300	--	--	--	
	7/31/2000	--	169.75	21.60	0.53	147.62	1,500,000	340	2,100	24,000	120,000	2,700	--	--	--	
	11/20/2000	--	169.75	21.69	0.37	147.69	1,700,000	1,800	2,300	19,000	93,000	3,900	--	--	--	
	2/18/2001	--	169.75	16.70	0.13	152.92	--	--	--	--	--	--	--	--	--	
	2/26/2001	--	169.75	14.38	0.15	155.22	100,000	658	466	4,210	15,000	1,890	--	--	--	
	6/7/2001	--	169.75	20.78	0.00	148.97	70,000	705	440	3,870	12,200	2,720	--	--	--	
	9/5/2001	--	169.75	23.36	0.35	146.04	--	--	--	--	--	--	--	--	--	j
	11/30/2001	--	169.75	20.85	0.41	148.49	--	--	--	--	--	--	--	--	--	k
	12/6/2001	--	169.75	18.72	0.27	150.76	39,000	3,500	237	2,150	4,500	5,400	--	--	--	
	2/20/2002	--	169.75	17.43	0.15	152.17	52,000	465	271	1,600	11,400	106	--	--	--	
	6/20/2002	--	169.75	21.18	0.34	148.23	--	--	--	--	--	--	--	--	--	j
	9/11/2002	--	169.75	22.86	0.40	146.49	--	--	--	--	--	--	--	--	--	j
	11/12/2002	--	169.75	22.65	0.37	146.73	--	--	--	--	--	--	--	--	--	j
	1/29/2003	--	169.75	18.15	0.30	151.30	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	169.75	18.49	0.20	151.06	--	--	--	--	--	--	--	--	--	j
	6/24/2003	--	169.75	21.44	0.35	147.96	--	--	--	--	--	--	--	--	--	o
	7/28/2003	--	169.75	22.72	0.35	146.68	--	--	--	--	--	--	--	--	--	j
	8/12/2003	--	169.75	22.64	0.23	146.88	--	--	--	--	--	--	--	--	--	o
	9/12/2003	--	169.75	20.70	0.24	148.81	--	--	--	--	--	--	--	--	--	o
	11/18/2003	NP	169.75	21.70	0.25	148.25	--	--	--	--	--	--	--	--	--	
	02/23/2004	NP	169.75	16.34	0.09	153.48	--	--	--	--	--	--	--	--	--	
	05/04/2004	NP	169.75	21.28	0.16	148.60	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	169.75	22.54	0.10	147.29	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	169.75	22.76	0.20	147.15	--	--	--	--	--	--	--	--	--	
	11/10/2004	--	169.75	20.19	0.14	149.67	--	--	--	--	--	--	--	--	--	
	01/13/2005	--	169.75	14.58	0.03	155.19	--	--	--	--	--	--	--	--	--	
	02/15/2005	--	169.75	16.13	0.04	153.65	--	--	--	--	--	--	--	--	--	

Table 1

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Former BP Station #11132

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Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-1	03/07/2005	--	169.75	13.31	0.01	156.45	--	--	--	--	--	--	--	--	--	
	05/16/2005	--	169.75	15.74	0.02	154.03	--	--	--	--	--	--	--	--	--	j
	08/17/2005	--	169.75	21.15	0.08	148.66	--	--	--	--	--	--	--	--	--	j
	11/18/2005	--	169.75	20.15	0.06	149.65	--	--	--	--	--	--	--	--	--	j
MW-2	7/9/1990	--	168.14		0.10		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	168.14		0.48		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	168.14	19.18	--		--	--	--	--	--	--	--	--	--	
	4/1/1991	--	168.14	15.21	0.10	152.83	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	168.14		0.19		--	--	--	--	--	--	--	--	--	
	9/27/1991	--	168.14		0.15		--	--	--	--	--	--	--	--	--	
	12/18/1991	--	168.14		0.36		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	168.14	20.93	0.03	147.18	--	--	--	--	--	--	--	--	--	
	10/5/1992	--	168.14	22.74	0.21	145.19	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	168.14	15.55	0.02	152.57	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	168.14	16.54	0.21	151.39	--	--	--	--	--	--	--	--	--	
	7/12/1993	--	168.14	20.46	0.06	147.62	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	168.14	24.91	0.31	142.92	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	168.14	21.20	--	146.94	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	168.14	22.44	--	145.70	1,800	140	370	54	290	24	1.7	--	--	i
	8/1/1994	--	168.14	22.24	0.04	145.86	--	--	--	--	--	--	--	--	--	
	12/23/1994	--	168.14	16.25	0.03	151.86	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	168.14	14.55	0.39	153.20	--	--	--	--	--	--	--	--	--	
	6/8/1995	--	168.14	21.18	0.43	146.53	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	168.14	22.76	0.36	145.02	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	168.14	23.61	0.30	144.23	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	168.14	15.95	0.15	152.04	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	168.14	17.33	0.07	150.74	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	168.14	21.25	0.05	146.84	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	168.14	22.27	0.01	145.86	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	168.14	15.19	0.01	152.94	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	168.14	20.22	0.01	147.91	--	--	--	--	--	--	--	--	--	
	4/30/1997	--	168.14		--		130,000	4,600	15,000	6,000	37,000	<5000	5	--	--	
	8/21/1997	--	168.14	21.74	0.01	146.39	110,000	6,000	16,000	4,700	28,000	<500	4.6	--	--	
	11/5/1997	--	168.14	21.61	0.01	146.52	120,000	7,800	18,000	4,900	28,100	<2500	4.6	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-2	2/3/1998	--	168.14	11.51	--	156.63	75,000	590	1,500	1,800	12,800	<2500	4.5	--	--	
	5/28/1998	--	168.14	16.51	--	151.63	79,000	3,900	3,100	3,100	18,000	900	4.3	--	--	
	12/30/1998	--	168.14	17.70	--	150.44	95,000	4,700	3,500	3,700	21,000	<250	--	--	--	
	2/2/1999	--	168.14	15.46	--	152.68	170,000	3,500	1,500	5,200	34,000	<500	--	--	--	
	5/10/1999	--	168.14	16.52	--	151.62	84,000	3,200	3,200	3,700	20,000	75	--	--	--	
	8/24/1999	--	168.14	20.73	--	147.41	130,000	9,100	9,200	4,700	27,000	<250	--	--	--	
	11/3/1999	--	168.14	20.93	--	147.21	120,000	10,000	21,000	4,700	30,200	2,200	--	--	--	
	3/1/2000	--	168.14	13.37	--	154.77	39,000	1,400	1,500	1,700	8,100	44	--	--	--	
	4/21/2000	--	168.14	16.59	--	151.55	68,000	3,300	2,500	3,100	20,000	260	--	--	--	
	7/31/2000	--	168.14	16.37	--	151.77	99,000	5,600	1,400	4,300	22,000	490	--	--	--	
	11/20/2000	--	168.14	19.71	--	148.43	37,000	5,100	1,500	1,300	4,800	2,800	--	--	--	
	2/18/2001	--	168.14	15.29	--	152.85	54,000	5,020	3,880	2,850	15,400	1,010	--	--	--	
	6/7/2001	--	168.14	19.43	--	148.71	110,000	7,240	4,380	4,160	22,100	567	--	--	--	
	9/5/2001	--	168.14	22.44	--	145.70	69,000	5,750	5,790	2,770	14,200	1,510	--	--	--	
	11/30/2001	--	168.14	19.58	--	148.56	120,000	7,270	6,540	4,590	23,000	794	--	--	--	
	2/20/2002	--	168.14	16.39	--	151.75	56,000	2,410	2,270	2,910	14,300	160	--	--	--	
	6/20/2002	--	168.14	19.77	--	148.37	86,000	7,310	6,490	3,080	14,600	659	--	--	--	
	9/11/2002	--	168.14	21.60	--	146.54	130,000	7,600	13,000	5,400	30,000	<5000	--	--	--	
	11/12/2002	--	168.14	21.34	--	146.80	46,000	4,100	4,300	1,900	10,000	1,900	--	--	--	t
	1/29/2003	--	168.14	16.80	--	151.34	77,000	4,700	2,600	2,800	13,000	820	--	--	--	n,t
	5/22/2003	--	168.14	17.15	--	150.99	52,000	6,400	2,600	1,800	7,400	1,000	--	--	--	t
	7/28/2003	--	168.14	21.47	--	146.67	31,000	6,900	5,500	2,200	12,000	1,700	--	--	--	p
	11/18/2003	P	168.14	20.50	--	147.64	23,000	3,300	800	500	2,000	500	--	SEQM	6.6	
	02/23/2004	P	168.14	14.77	--	153.37	84,000	14,000	6,200	3,100	14,000	790	--	SEQM	6.6	t
	05/04/2004	P	168.14	20.09	--	148.05	120,000	15,000	17,000	4,900	24,000	780	--	SEQM	6.6	t
	08/04/2004	P	168.14	21.39	--	146.75	38,000	9,100	3,300	1,900	5,800	430	--	SEQM	6.69	t
	11/10/2004	P	168.14	18.98	--	149.16	22,000	4,400	2,000	940	3,600	310	--	SEQM	7.5	
	02/15/2005	P	168.14	15.62	--	152.52	67,000	11,000	4,200	3,000	11,000	690	--	SEQM	7.1	t
	05/16/2005	P	168.14	14.71	--	153.43	94,000	11,000	7,600	4,100	17,000	560	--	SEQM	6.5	
	08/17/2005	P	168.14	20.00	--	148.14	110,000	13,000	8,000	4,300	18,000	480	--	SEQM	6.6	
	11/18/2005	P	168.14	20.89	--	147.25	37,000	11,000	2,400	1,500	4,600	340	--	SEQM	6.6	
MW-3	7/9/1990	--	167.17		--		140	5.3	4.6	2	3.8	--	--	--	--	
	12/21/1990	--	167.17		--		0.19	100	6	0.9	27	--	--	--	--	
	3/7/1991	--	167.17	17.40	--	149.77	0.4	69	22	6.1	57	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-3	4/1/1991	--	167.17	13.69	--	153.48	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	167.17		--		380	28	26	13	46	--	--	--	--	
	9/27/1991	--	167.17		--		0.07	7.9	--	0.4	1.1	--	--	--	--	
	12/18/1991	--	167.17		--		0.26	34	24	0.8	28	--	--	--	--	
	7/3/1992	--	167.17	19.59	--	147.58	71	9.4	0.9	5	13	--	--	--	--	
	10/5/1992	--	167.17	--	--	--	<50	2.2	<0.5	1.5	2.8	--	--	--	--	c
	10/5/1992	--	167.17	21.22	--	145.95	67	5.1	1.1	6.1	8.1	--	--	--	--	
	1/13/1993	--	167.17	13.63	--	153.54	830	50	34	42	89	--	--	--	--	i
	4/23/1993	--	167.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	c,i
	4/23/1993	--	167.17	15.02	--	152.15	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	7/12/1993	--	167.17	19.16	--	148.01	250	12	4.2	12	16	<5.0	--	--	--	i
	10/21/1993	--	167.17	--	--	--	65	7.4	1	6.9	4.2	--	--	--	--	c
	10/21/1993	--	167.17	21.81	--	145.36	52	4.4	1.4	4.7	3.3	<5.0	--	--	--	i
	1/21/1994	--	167.17	19.94	--	147.23	57	3	3.4	3.6	9	<5.0	--	--	--	i
	4/20/1994	--	167.17	20.24	--	146.93	600	26	23	33	88	28.7	1.8	--	--	i
	8/1/1994	--	167.17	--	--	--	120	7.7	1.6	5.9	6.7	5.43	--	--	--	c,i
	8/1/1994	--	167.17	20.74	--	146.43	99	6.2	1.1	4.5	5.2	<5.0	1.4	--	--	i
	12/23/1994	--	167.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	c
	12/23/1994	--	167.17	14.70	--	152.47	<50	<0.5	0.78	<0.5	<0.5	9.8	1.7	--	--	i
	1/26/1995	--	167.17	12.89	--	154.28	190	16	0.5	35	24	--	6.6	--	--	d
	6/8/1995	--	167.17	19.95	--	147.22	330	21	4	34	32	--	7	--	--	
	8/22/1995	--	167.17	21.41	--	145.76	150	14	<0.50	<0.50	1.6	<5.0	6.6	--	--	d
	10/27/1995	--	167.17	22.43	--	144.74	--	--	--	--	--	--	--	--	--	
	10/30/1995	--	167.17		--		51	2.4	<0.50	<0.50	<1.0	<5.0	6.9	--	--	
	1/25/1996	--	167.17	14.03	--	153.14	<50	<0.50	<0.50	<0.50	<1.0	5.1	--	--	--	
	4/19/1996	--	167.17	15.26	--	151.91	460	55	4	33	63	<10	9.4	--	--	
	7/23/1996	--	167.17	19.19	--	147.98	<50	<0.5	<0.5	<0.5	<0.5	<10	9.2	--	--	
	11/11/1996	--	167.17	20.24	--	146.93	<250	<2.5	<5.0	<5.0	<5.0	<50	8.4	--	--	
	1/21/1997	--	167.17	13.09	--	154.08	<50	<0.5	<1.0	<1.0	<1.0	<10	5.4	--	--	
	4/29/1997	--	167.17	18.14	--	149.03	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	--	--	
	8/21/1997	--	167.17	19.64	--	147.53	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9	--	--	
	11/5/1997	--	167.17	19.95	--	147.22	<250	<2.5	<5.0	<5.0	<5.0	<50	4.5	--	--	
	2/3/1998	--	167.17	10.57	--	156.60	<50	<0.50	<1.0	<1.0	<1.0	<10	4.7	--	--	
	5/28/1998	--	167.17	14.65	--	152.52	330	<2.5	<5.0	<5.0	<5.0	<50	4.2	--	--	
	12/30/1998	--	167.17	16.63	--	150.54	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-3	2/2/1999	--	167.17	13.12	--	154.05	<250	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	
	5/10/1999	--	167.17	14.21	--	152.96	--	--	--	--	--	--	--	--	--	
	8/24/1999	--	167.17	14.36	--	152.81	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	167.17	19.21	--	147.96	--	--	--	--	--	--	--	--	--	
	3/1/2000	--	167.17	15.17	--	152.00	<50	<0.5	0.57	<0.5	0.62	<0.5	--	--	--	
	4/21/2000	--	167.17	14.88	--	152.29	--	--	--	--	--	--	--	--	--	
	7/31/2000	--	167.17	15.29	--	151.88	--	--	--	--	--	--	--	--	--	
	11/20/2000	--	167.17	17.31	--	149.86	--	--	--	--	--	--	--	--	--	
	2/18/2001	--	167.17	12.85	--	154.32	160	1.95	1.31	10.2	9.09	1	--	--	--	
	6/7/2001	--	167.17	18.00	--	149.17	--	--	--	--	--	--	--	--	--	
	9/5/2001	--	167.17	20.32	--	146.85	--	--	--	--	--	--	--	--	--	
	11/30/2001	--	167.17	16.94	--	150.23	--	--	--	--	--	--	--	--	--	
	2/20/2002	--	167.17	14.84	--	152.33	86	<0.5	0.845	6.58	5.75	<0.5	--	--	--	
	6/20/2002	--	167.17	18.40	--	148.77	--	--	--	--	--	--	--	--	--	
	9/11/2002	--	167.17	20.06	--	147.11	--	--	--	--	--	--	--	--	--	
	11/12/2002	--	167.17	19.84	--	147.33	--	--	--	--	--	--	--	--	--	
	1/27/2003	--	167.17	14.83	--	152.34	850	20	9.7	24	45	0.76	--	--	--	n
	5/22/2003	--	167.17	15.60	--	151.57	--	--	--	--	--	--	--	--	--	
	7/28/2003	--	167.17	20.12	--	147.05	--	--	--	--	--	--	--	--	--	p
	11/18/2003	--	167.17	19.15	--	148.02	--	--	--	--	--	--	--	--	--	
	02/23/2004	--	167.17	13.53	--	153.64	160	<0.50	1.1	9.6	12	<0.50	--	SEQM	6.7	
	05/04/2004	--	167.17	18.61	--	148.56	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	167.17	19.21	--	147.96	--	--	--	--	--	--	--	--	--	
	11/10/2004	--	167.17	17.48	--	149.69	--	--	--	--	--	--	--	--	--	
	02/15/2005	P	167.17	14.31	--	152.86	500	7.8	1.8	9.2	9.6	1.7	--	SEQM	7.5	
	05/16/2005	--	167.17	13.11	--	154.06	--	--	--	--	--	--	--	--	--	
	08/17/2005	--	167.17	18.53	--	148.64	--	--	--	--	--	--	--	--	--	
	11/18/2005	--	167.17	19.34	--	147.83	--	--	--	--	--	--	--	--	--	
MW-4	7/9/1990	--	170.36		--		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	170.36		--		--	--	--	--	0.8	--	--	--	--	
	3/7/1991	--	170.36	20.72	--	149.64	--	2.2	3.8	1.5	2.8	--	--	--	--	
	4/1/1991	--	170.36	17.49	--	152.87	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	170.36		--		--	6.3	1.8	0.4	1	--	--	--	--	
	9/27/1991	--	170.36		--		--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-4	12/18/1991	--	170.36		--		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	170.36	22.16	--	148.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	10/5/1992	--	170.36	23.38	--	146.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	1/13/1993	--	170.36	17.58	--	152.78	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	4/23/1993	--	170.36	15.72	--	154.64	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	7/12/1993	--	170.36	21.74	--	148.62	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
	10/21/1993	--	170.36	23.84	--	146.52	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
	1/21/1994	--	170.36	22.42	--	147.94	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
	4/20/1994	--	170.36	22.66	--	147.70	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.2	--	--	i
	8/1/1994	--	170.36	23.01	--	147.35	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.9	--	--	i
	12/23/1994	--	170.36	17.03	--	153.33	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	170.36	17.42	--	152.94	<50	<0.5	<0.5	<0.5	<1	--	7.5	--	--	
	6/8/1995	--	170.36	21.55	--	148.81	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	170.36	23.47	--	146.89	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.4	--	--	d
	10/27/1995	--	170.36	24.50	--	145.86	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	170.36	18.74	--	151.62	<50	<0.50	<0.50	<0.50	<1.0	58	--	--	--	
	4/19/1996	--	170.36	18.63	--	151.73	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	170.36	22.56	--	147.80	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	170.36	23.63	--	146.73	<50	<1.0	<1.0	<1.0	<1.0	34	8.2	--	--	
	1/21/1997	--	170.36	16.59	--	153.77	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	170.36	21.43	--	148.93	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	--	--	
	8/21/1997	--	170.36	22.91	--	147.45	--	--	--	--	--	--	--	--	--	
	11/5/1997	--	170.36	22.34	--	148.02	60	<0.5	<1.0	<1.0	<1.0	76	4.9	--	--	
	2/3/1998	--	170.36	12.26	--	158.10	--	--	--	--	--	--	--	--	--	
	5/28/1998	--	170.36	18.50	--	151.86	70	<0.5	<1.0	<1.0	<1.0	160	4.2	--	--	
	12/30/1998	--	170.36	19.69	--	150.67	--	--	--	--	--	--	--	--	--	
	2/2/1999	--	170.36	18.26	--	152.10	70	<1.0	<1.0	<1.0	<1.0	130	--	--	--	
	5/10/1999	--	170.36	17.86	--	152.50	--	--	--	--	--	--	--	--	--	
	8/24/1999	--	170.36	17.93	--	152.43	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	170.36	22.78	--	147.58	--	--	--	--	--	--	--	--	--	
	3/1/2000	--	170.36	18.04	--	152.32	<50	<0.5	0.67	<0.5	0.7	110	--	--	--	
	4/21/2000	--	170.36	17.36	--	153.00	--	--	--	--	--	--	--	--	--	
	7/31/2000	--	170.36	17.83	--	152.53	--	--	--	--	--	--	--	--	--	
	11/20/2000	--	170.36	18.91	--	151.45	--	--	--	--	--	--	--	--	--	
	2/18/2001	--	170.36	17.72	--	152.64	88	<0.5	<0.5	<0.5	<0.5	97.3	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-4	6/7/2001	--	170.36	20.23	--	150.13	--	--	--	--	--	--	--	--	--	
	9/5/2001	--	170.36	22.76	--	147.60	--	--	--	--	--	--	--	--	--	
	11/30/2001	--	170.36	21.30	--	149.06	--	--	--	--	--	--	--	--	--	
	2/20/2002	--	170.36	19.32	--	151.04	76	<0.5	<0.5	<0.5	<1.0	81	--	--	--	
	6/20/2002	--	170.36	20.71	--	149.65	--	--	--	--	--	--	--	--	--	
	9/11/2002	--	170.36	22.22	--	148.14	--	--	--	--	--	--	--	--	--	
	11/12/2002	--	170.36	22.22	--	148.14	--	--	--	--	--	--	--	--	--	
	1/29/2003	--	170.36	19.80	--	150.56	100	<0.5	<0.5	<0.5	<0.5	66	--	--	--	n
	5/22/2003	--	170.36	19.35	--	151.01	--	--	--	--	--	--	--	--	--	
	7/28/2003	--	170.36	22.18	--	148.18	--	--	--	--	--	--	--	--	--	
	11/18/2003	--	170.36	21.65	--	148.71	--	--	--	--	--	--	--	--	--	
	02/23/2004	P	170.36	17.53	--	152.83	75	<0.50	<0.50	<0.50	<0.50	65	--	SEQM	6.8	
	05/04/2004	--	170.36	20.62	--	149.74	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	170.36	21.30	--	149.06	--	--	--	--	--	--	--	--	--	
	11/10/2004	--	170.36	20.65	--	149.71	--	--	--	--	--	--	--	--	--	
	02/15/2005	P	170.36	18.91	--	151.45	<50	<0.50	<0.50	<0.50	<0.50	62	--	SEQM	7.6	
05/16/2005	--	170.36	17.34	--	153.02	--	--	--	--	--	--	--	--	--		
08/17/2005	--	170.36	21.31	--	149.05	--	--	--	--	--	--	--	--	--		
11/18/2005	--	170.36	21.67	--	148.69	--	--	--	--	--	--	--	--	--		
MW-5	7/9/1990	--	165.14		--		280	200	210	46	290	--	--	--	--	
	12/21/1990	--	165.14		--		0.69	300	34	8.4	39	--	--	--	--	
	3/7/1991	--	165.14	16.60	--	148.54	--	17	0.9	0.7	1.6	--	--	--	--	
	4/1/1991	--	165.14	11.99	--	153.15	800	250	54	11	60	--	--	--	--	
	6/27/1991	--	165.14		--		330	120	10	12	8	--	--	--	--	
	9/27/1991	--	165.14		--		0.73	230	16	20	22	--	--	--	--	
	12/18/1991	--	165.14		--		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	165.14	18.65	--	146.49	150	36	<0.5	<0.5	1.1	--	--	--	--	
	10/5/1992	--	165.14	20.32	--	144.82	270	79	4	1.7	2.9	--	--	--	--	
	1/13/1993	--	165.14	13.03	--	152.11	180	59	6	1.8	7.6	--	--	--	--	i
	4/23/1993	--	165.14	13.51	--	151.63	8,700	440	96	35	136	--	--	--	--	i
	7/12/1993	--	165.14	18.06	--	147.08	250	57	2.9	2.1	6	<5.0	--	--	--	i
	10/21/1993	--	165.14	20.41	--	144.73	210	82	1.5	<0.5	1.4	--	--	--	--	i
	1/21/1994	--	165.14	18.86	--	146.28	110	36	1.2	<0.5	0.7	<5.0	--	--	--	i
	4/20/1994	--	165.14	17.30	--	147.84	690	230	4.5	1.6	11	21.2	1.3	--	--	i

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132

3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-5	8/1/1994	--	165.14	17.53	--	147.61	170	44	1.6	0.9	2.7	<5.0	0.9	--	--	i
	12/23/1994	--	165.14	11.63	--	153.51	630	180	1.9	0.66	1.9	7.81	1.4	--	--	i
	1/26/1995	--	165.14	11.25	--	153.89	160	68	<0.5	<0.5	22	--	5.9	--	--	
	6/8/1995	--	165.14	--	--	--	1,700	560	51	55	170	--	--	--	--	c
	6/8/1995	--	165.14	16.80	--	148.34	2,000	630	58	61	180	--	6.5	--	--	
	8/22/1995	--	165.14	19.02	--	146.12	3,700	1,100	18	27	59	<130	7.3	--	--	d
	10/27/1995	--	165.14	20.94	--	144.20	--	--	--	--	--	--	--	--	--	
	10/30/1995	--	165.14	--	--	--	6,500	2,200	55	180	270	<250	7.5	--	--	
	1/25/1996	--	165.14	--	--	--	540	37	0.66	<0.50	<1.0	<5.0	--	--	--	c
	1/25/1996	--	165.14	13.30	--	151.84	590	37	0.7	<0.50	<1.0	<5.0	--	--	--	
	4/19/1996	--	165.14	13.63	--	151.51	1,500	470	38	49	210	<50	8.1	--	--	
	7/23/1996	--	165.14	17.61	--	147.53	140	4.6	<0.5	<0.5	<0.5	<10	8	--	--	
	11/11/1996	--	165.14	18.70	--	146.44	140	40	<1.0	<1.0	<1.0	<10	7.9	--	--	
	1/21/1997	--	165.14	11.63	--	153.51	730	300	<5.0	7.8	26	<50	5	--	--	
	4/29/1997	--	165.14	16.74	--	148.40	340	530	<5.0	<5.0	<5.0	<50	4.8	--	--	
	8/21/1997	--	165.14	18.26	--	146.88	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9	--	--	
	11/5/1997	--	165.14	18.84	--	146.30	120	13	<1.0	<1.0	<1.0	<10	4.4	--	--	
	2/3/1998	--	165.14	9.49	--	155.65	<50	<0.50	<1.0	<1.0	<1.0	<10	4.3	--	--	
	5/28/1998	--	165.14	13.57	--	151.57	4,900	1,500	34	180	311	<10	4.1	--	--	
	12/30/1998	--	165.14	14.65	--	150.49	--	--	--	--	--	--	--	--	--	
	2/2/1999	--	165.14	12.56	--	152.58	100	<1.0	<1.0	<1.0	<1.0	9.1	--	--	--	
	5/10/1999	--	165.14	13.36	--	151.78	--	--	--	--	--	--	--	--	--	
	8/24/1999	--	165.14	13.50	--	151.64	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	165.14	18.48	--	146.66	--	--	--	--	--	--	--	--	--	
	3/1/2000	--	165.14	9.59	--	155.55	<50	<0.5	0.58	<0.5	0.54	2.9	--	--	--	
	4/21/2000	--	165.14	13.52	--	151.62	--	--	--	--	--	--	--	--	--	
	7/31/2000	--	165.14	14.04	--	151.10	--	--	--	--	--	--	--	--	--	
	11/20/2000	--	165.14	15.89	--	149.25	--	--	--	--	--	--	--	--	--	
	2/18/2001	--	165.14	11.88	--	153.26	560	161	2.38	6.11	13	5.67	--	--	--	
	6/7/2001	--	165.14	15.30	--	149.84	--	--	--	--	--	--	--	--	--	
	9/5/2001	--	165.14	19.32	--	145.82	--	--	--	--	--	--	--	--	--	
	11/30/2001	--	165.14	17.44	--	147.70	--	--	--	--	--	--	--	--	--	
	2/20/2002	--	165.14	13.88	--	151.26	4,200	940	18.7	98.2	176	55.6	--	--	--	
	6/20/2002	--	165.14	16.20	--	148.94	--	--	--	--	--	--	--	--	--	
	9/11/2002	--	165.14	19.15	--	145.99	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-5	11/12/2002	--	165.14	19.01	--	146.13	390	55	0.89	3.4	3.5	210	--	--	--	
	1/29/2003	--	165.14	16.33	--	148.81	7,900	1,400	34	220	350	82	--	--	--	n
	5/22/2003	--	165.14	14.35	--	150.79	9,900	2,300	91	400	690	<50	--	--	--	
	7/28/2003	--	165.14	18.90	--	146.24	3,200	690	14	81	100	120	--	--	--	p
	11/18/2003	--	165.14	--	--	--	--	--	--	--	--	--	--	--	--	e, q
	02/23/2004	P	165.14	12.21	--	152.93	7,500	1,500	100	190	350	100	--	SEQM	6.7	
	05/04/2004	P	165.14	17.12	--	148.02	5,900	1,500	57	200	280	42	--	SEQM	6.6	
	08/04/2004	P	165.14	19.05	--	146.09	<2,500	<25	<25	<25	<25	390	--	SEQM	6.69	
	11/10/2004	P	165.14	16.95	--	148.19	870	80	<5.0	<5.0	<5.0	530	--	SEQM	7.5	
	02/15/2005	P	165.14	12.75	--	152.39	1,600	330	8.0	37	67	260	--	SEQM	7.2	
	05/16/2005	P	165.14	15.46	--	149.68	<500	<5.0	<5.0	<5.0	<5.0	370	--	SEQM	6.7	
	08/17/2005	P	165.14	17.00	--	148.14	7,000	1,000	17	110	130	51	--	SEQM	6.6	
	11/18/2005	P	165.14	18.33	--	146.81	1,900	91	<5.0	33	29	340	--	SEQM	7.3	
MW-6	7/9/1990	--	165.4		--		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	165.4		--		0.17	2.6	7	4.9	26	--	--	--	--	
	3/7/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	
	4/1/1991	--	165.4	11.79	--	153.61	--	--	--	--	--	--	--	--	--	e
	6/27/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
	9/27/1991	--	165.4		--		--	--	--	--	--	--	--	--	--	e
	12/18/1991	--	165.4		--		--	1.3	22	--	2.7	--	--	--	--	
	7/3/1992	--	165.4	17.77	--	147.63	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	10/5/1992	--	165.4	19.46	--	145.94	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	1/13/1993	--	165.4	11.34	--	154.06	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	4/23/1993	--	165.4	12.92	--	152.48	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	7/12/1993	--	165.4	17.36	--	148.04	<50	<0.5	<0.5	<0.5	0.7	<5.0	--	--	--	i
	10/21/1993	--	165.4	19.98	--	145.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	1/21/1994	--	165.4	18.10	--	147.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
	4/20/1994	--	165.4	18.68	--	146.72	<50	<0.5	<0.5	<0.5	<0.5	17.4	2	--	--	i
	8/1/1994	--	165.4	18.90	--	146.50	<50	<0.5	<0.5	<0.5	<0.5	8.66	1.5	--	--	i
	12/23/1994	--	165.4	12.94	--	152.46	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	165.4	10.46	--	154.94	<50	<0.5	<0.5	<0.5	<1	--	7.3	--	--	
	6/8/1995	--	165.4	16.84	--	148.56	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	165.4	19.48	--	145.92	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.7	--	--	d
	10/27/1995	--	165.4	20.39	--	145.01	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-6	1/25/1996	--	165.4	12.24	--	153.16	<50	<0.50	<0.50	<0.50	<1.0	9.9	--	--	--	
	4/19/1996	--	165.4	13.90	--	151.50	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	165.4	17.83	--	147.57	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	165.4	18.90	--	146.50	<50	<0.5	<1.0	<1.0	<1.0	<10	7.7	--	--	
	1/21/1997	--	165.4	11.97	--	153.43	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	165.4	17.04	--	148.36	<50	<0.5	<1.0	<1.0	<1.0	<10	4.5	--	--	
	8/21/1997	--	165.4	18.58	--	146.82	--	--	--	--	--	--	--	--	--	
	11/5/1997	--	165.4	19.17	--	146.23	70	<0.5	<1.0	<1.0	<1.0	85	4.3	--	--	
	2/3/1998	--	165.4	9.87	--	155.53	--	--	--	--	--	--	--	--	--	
	5/28/1998	--	165.4	13.38	--	152.02	<50	<0.5	<1.0	<1.0	<1.0	<10	3.7	--	--	
	12/30/1998	--	165.4	14.45	--	150.95	--	--	--	--	--	--	--	--	--	
	2/2/1999	--	165.4	18.29	--	147.11	--	--	--	--	--	--	--	--	--	
	5/10/1999	--	165.4	17.49	--	147.91	--	--	--	--	--	--	--	--	--	
	8/24/1999	--	165.4	17.61	--	147.79	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	165.4	16.26	--	149.14	--	--	--	--	--	--	--	--	--	
	3/1/2000	--	165.4	17.43	--	147.97	--	--	--	--	--	--	--	--	--	
	4/21/2000	--	165.4	13.32	--	152.08	--	--	--	--	--	--	--	--	--	
	7/31/2000	--	165.4	13.46	--	151.94	--	--	--	--	--	--	--	--	--	
	11/20/2000	--	165.4	14.78	--	150.62	--	--	--	--	--	--	--	--	--	
	2/18/2001	--	165.4	11.33	--	154.07	--	--	--	--	--	--	--	--	--	
	6/7/2001	--	165.4	16.36	--	149.04	--	--	--	--	--	--	--	--	--	
	9/5/2001	--	165.4	18.61	--	146.79	--	--	--	--	--	--	--	--	--	
	11/30/2001	--	165.4	15.20	--	150.20	--	--	--	--	--	--	--	--	--	
	2/20/2002	--	165.4	12.74	--	152.66	--	--	--	--	--	--	--	--	--	
	6/20/2002	--	165.4	16.68	--	148.72	--	--	--	--	--	--	--	--	--	
	9/11/2002	--	165.4	18.38	--	147.02	--	--	--	--	--	--	--	--	--	
	11/12/2002	--	165.4	18.78	--	146.62	--	--	--	--	--	--	--	--	--	
	1/29/2003	--	165.4	14.45	--	150.95	--	--	--	--	--	--	--	--	--	n
	5/22/2003	--	165.4	14.36	--	151.04	--	--	--	--	--	--	--	--	--	
	7/28/2003	--	165.4	18.43	--	146.97	--	--	--	--	--	--	--	--	--	p
	11/18/2003	--	165.40	17.48	--	147.92	--	--	--	--	--	--	--	--	--	
	02/23/2004	--	165.40	11.54	--	153.86	--	--	--	--	--	--	--	--	--	
	05/04/2004	--	165.40	16.58	--	148.82	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	165.40	18.12	--	147.28	--	--	--	--	--	--	--	--	--	
	11/10/2004	--	165.40	15.75	--	149.65	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-6	02/15/2005	--	165.40	12.50	--	152.90	--	--	--	--	--	--	--	--	--	
	05/16/2005	P	165.40	11.51	--	153.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
	08/17/2005	--	165.40	16.85	--	148.55	--	--	--	--	--	--	--	--	--	
	11/18/2005	--	165.40	--	--	--	--	--	--	--	--	--	--	--	--	e
MW-7	7/9/1990	--	167.61		--		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	167.61		--		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	167.61	19.04	--	148.57	--	--	0.4	0.3	2.4	--	--	--	--	
	4/1/1991	--	167.61	15.18	--	152.43	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	167.61		--		70	17	4	0.8	2.2	--	--	--	--	
	9/27/1991	--	167.61		--		--	0.4	--	--	0.4	--	--	--	--	
	12/18/1991	--	167.61		--		--	0.7	2.9	0.8	3.3	--	--	--	--	
	7/3/1992	--	167.61	20.28	--	147.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	10/5/1992	--	167.61	21.56	--	146.05	<50	<0.5	<0.5	<0.5	1.5	--	--	--	--	
	1/13/1993	--	167.61	15.41	--	152.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	4/23/1993	--	167.61	15.84	--	151.77	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	7/12/1993	--	167.61	19.84	--	147.77	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
	10/21/1993	--	167.61	21.61	--	146.00	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	i
	1/21/1994	--	167.61	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	c
	1/21/1994	--	167.61	20.49	--	147.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	i
	4/20/1994	--	167.61	20.54	--	147.07	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.5	--	--	i
	8/1/1994	--	167.61	20.99	--	146.62	<50	0.7	<0.5	<0.5	<0.5	<5.0	1.9	--	--	i
	12/23/1994	--	167.61	15.00	--	152.61	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	167.61	14.69	--	152.92	<50	<0.5	<0.5	<0.5	<1	--	7	--	--	
	6/8/1995	--	167.61	19.87	--	147.74	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	167.61	21.49	--	146.12	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.4	--	--	d
	10/27/1995	--	167.61	22.53	--	145.08	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	167.61	17.21	--	150.40	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	
	4/19/1996	--	167.61	17.09	--	150.52	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	167.61	21.02	--	146.59	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	167.61	22.03	--	145.58	<50	<0.5	<1.0	<1.0	<1.0	<10	7.8	--	--	
	1/21/1997	--	167.61	15.06	--	152.55	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	167.61	20.11	--	147.50	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	--	--	
	8/21/1997	--	167.61	21.59	--	146.02	--	--	--	--	--	--	--	--	--	
	11/5/1997	--	167.61	20.05	--	147.56	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-7	2/3/1998	--	167.61	9.97	--	157.64	--	--	--	--	--	--	--	--	--	
	5/28/1998	--	167.61	13.52	--	154.09	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	--	--	
	12/30/1998	--	167.61	18.33	--	149.28	--	--	--	--	--	--	--	--	--	
	2/2/1999	--	167.61	12.33	--	149.28	--	--	--	--	--	--	--	--	--	
	5/10/1999	--	167.61	13.52	--	154.09	--	--	--	--	--	--	--	--	--	
	8/24/1999	--	167.61	14.01	--	153.60	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	167.61	19.91	--	147.70	--	--	--	--	--	--	--	--	--	
	3/1/2000	--	167.61	19.89	--	147.72	--	--	--	--	--	--	--	--	--	
	4/21/2000	--	167.61	17.94	--	149.67	--	--	--	--	--	--	--	--	--	
	7/31/2000	--	167.61	17.33	--	150.28	--	--	--	--	--	--	--	--	--	
	11/20/2000	--	167.61	18.41	--	149.20	--	--	--	--	--	--	--	--	--	
	2/18/2001	--	167.61	15.13	--	152.48	--	--	--	--	--	--	--	--	--	
	6/7/2001	--	167.61	18.75	--	148.86	--	--	--	--	--	--	--	--	--	
	9/5/2001	--	167.61	20.48	--	147.13	--	--	--	--	--	--	--	--	--	
	11/30/2001	--	167.61	20.11	--	147.50	--	--	--	--	--	--	--	--	--	
	2/20/2002	--	167.61	18.40	--	149.21	--	--	--	--	--	--	--	--	--	
	6/20/2002	--	167.61	18.62	--	148.99	--	--	--	--	--	--	--	--	--	
	9/11/2002	--	167.61	20.05	--	147.56	--	--	--	--	--	--	--	--	--	
	11/12/2002	--	167.61	21.13	--	146.48	--	--	--	--	--	--	--	--	--	n
	1/29/2003	--	167.61	19.10	--	148.51	--	--	--	--	--	--	--	--	--	
	5/22/2003	--	167.61	18.83	--	148.78	--	--	--	--	--	--	--	--	--	
	7/28/2003	--	167.61	19.88	--	147.73	--	--	--	--	--	--	--	--	--	p
	11/18/2003	--	167.61	20.50	--	147.11	--	--	--	--	--	--	--	--	--	
	11/18/2003	--	168.08	20.50	--	147.58	--	--	--	--	--	--	--	--	--	
	02/23/2004	--	168.08	15.92	--	152.16	--	--	--	--	--	--	--	--	--	
	05/04/2004	--	168.08	18.86	--	149.22	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	168.08	19.10	--	148.98	--	--	--	--	--	--	--	--	--	
	11/10/2004	--	168.08	20.25	--	147.83	--	--	--	--	--	--	--	--	--	
	02/15/2005	--	168.08	16.37	--	151.71	--	--	--	--	--	--	--	--	--	
	05/16/2005	--	168.08	--	--	--	--	--	--	--	--	--	--	--	--	e
	08/17/2005	--	168.08	19.74	--	148.34	--	--	--	--	--	--	--	--	--	
	11/18/2005	--	168.08	20.82	--	147.26	--	--	--	--	--	--	--	--	--	
MW-8	3/7/1991	--	165.74	16.72	--	149.02	2.7	780	450	64	310	--	--	--	--	
	4/1/1991	--	165.74	12.54	--	153.20	15,000	3,600	2,600	410	1,900	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-8	6/27/1991	--	165.74		--		12,000	3,400	1,100	240	750	--	--	--	--	
	9/27/1991	--	165.74		--		41	5,700	5,200	1,100	4,300	--	--	--	--	
	12/18/1991	--	165.74		--		3.2	990	150	120	250	--	--	--	--	
	7/3/1992	--	165.74	18.78	--	146.96	72,000	19,000	32,000	3,000	15,000	--	--	--	--	
	10/5/1992	--	165.74	20.48	0.01	145.25	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	165.74	12.87	0.01	152.86	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	165.74	13.90	--	151.84	--	--	--	--	--	--	--	--	--	t
	7/12/1993	--	165.74	18.30	--	147.44	--	--	--	--	--	--	--	--	--	t
	10/21/1993	--	165.74	21.91	0.95	142.88	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	165.74	19.12	0.03	146.59	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	165.74	19.28	0.03	146.43	26,000	1,700	4,100	960	4,000	632	1.1	--	--	i
	8/1/1994	--	165.74		--		--	--	--	--	--	--	--	--	--	
	12/23/1994	--	165.74	13.81	0.03	151.90	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	165.74		--		--	--	--	--	--	--	--	--	--	
	6/8/1995	--	165.74	17.82	0.29	147.63	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	165.74	19.41	0.20	146.13	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	165.74	20.47	0.14	145.13	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	165.74	13.35	0.22	152.17	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	165.74	14.40	0.20	151.14	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	165.74	18.35	0.14	147.25	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	165.74	19.41	0.02	146.31	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	165.74	12.29	0.01	153.44	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	165.74		--		--	--	--	--	--	--	--	--	--	e
	8/21/1997	--	165.74	19.61	--	146.13	240,000	1,100	9,300	4,100	31,100	<1000	5.2	--	--	
	11/5/1997	--	165.74	19.45	0.10	146.19	57,000	790	2,700	2,300	15,200	<1000	5	--	--	
	2/3/1998	--	165.74	9.33	0.03	156.38	--	--	--	--	--	--	--	--	--	
	2/4/1998	--	165.74	--	--	--	94,000	570	1,500	2,100	15,200	<2500	5.5	--	--	
	5/28/1998	--	165.74		--		--	--	--	--	--	--	--	--	--	e
	12/30/1998	--	165.74	15.48	0.05	150.21	120,000	460	2,300	2,200	15,000	150	--	--	--	
	2/2/1999	--	165.74	18.29	--	147.45	82,000	450	2,200	3,700	26,000	<500	--	--	--	
	5/10/1999	--	165.74	15.62	--	150.12	28,000	740	1,800	1,100	5,800	<25	--	--	--	
	8/24/1999	--	165.74	18.41	--	147.33	75,000	530	1,400	3,300	21,000	150	--	--	--	
	11/3/1999	--	165.74	18.71	--	147.03	70,000	600	1,300	3,600	20,500	750	--	--	--	
	3/1/2000	--	165.74	19.37	--	146.37	27,000	1,600	1,200	2,600	6,600	120	--	--	--	
	4/21/2000	--	165.74		--		--	--	--	--	--	--	--	--	--	e

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-8	7/31/2000	--	165.74		--		--	--	--	--	--	--	--	--	--	e
	11/20/2000	--	165.74	17.42	--	148.32	1,300,000	1,400	1,700	20,000	16,000	5,700	--	--	--	
	2/18/2001	--	165.74		--		--	--	--	--	--	--	--	--	--	e
	6/7/2001	--	165.74		--		--	--	--	--	--	--	--	--	--	e
	9/5/2001	--	165.74	21.45	0.04	144.25	--	--	--	--	--	--	--	--	--	j
	11/30/2001	--	165.74	18.31	--	147.43	--	--	--	--	--	--	--	--	--	h
	12/6/2001	--	165.74		--		--	--	--	--	--	--	--	--	--	e
	2/20/2002	--	165.74	14.02	--	151.72	20,000	163	114	403	3,810	80.4	--	--	--	
	6/20/2002	--	165.74	17.56	--	148.18	28,000	466	141	962	5,850	2,520	--	--	--	
	9/11/2002	--	165.74	19.45	--	146.29	190,000	1,500	670	4,500	23,000	1,200	--	--	--	
	11/12/2002	--	165.74	19.15	--	146.59	420	6.4	2.9	16	110	31	--	--	--	t
	1/29/2003	--	165.74	15.02	--	150.72	200,000	810	<500	2,000	11,000	<500	--	--	--	n
	5/22/2003	--	165.74	15.07	--	150.67	--	--	--	--	--	--	--	--	--	t
	6/24/2003	--	165.74	17.95	--	147.79	43,000	860	300	2,100	9,600	46	--	--	--	
	7/28/2003	--	165.74	19.45	--	146.29	62,000	690	230	1,800	15,000	2,100	--	--	--	
	8/12/2003	--	165.74	19.40	--	146.34	--	--	--	--	--	--	--	--	--	o,t
	9/12/2003	--	165.74	19.34	--	146.40	--	--	--	--	--	--	--	--	--	o
	11/18/2003	P	165.74	18.80	--	146.94	8,800	500	37	530	930	1,700	--	SEQM	--	o,p
	02/23/2004	P	165.74	12.82	--	152.92	32,000	840	360	1,000	7,100	110	--	SEQM	6.6	t
	05/04/2004	P	165.74	18.87	--	146.87	42,000	570	230	1,700	8,400	2,000	--	SEQM	7.0	t
	08/04/2004	--	165.74	19.37	0.05	146.41	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	165.74	19.60	--	146.14	--	--	--	--	--	--	--	--	--	
	11/10/2004	P	165.74	16.58	--	149.16	11,000	790	61	1,000	830	74	--	SEQM	7.3	t
	02/15/2005	P	165.74	12.85	--	152.89	38,000	1,300	390	2,300	7,900	<50	--	SEQM	7.2	
	05/16/2005	P	165.74	12.22	--	153.52	31,000	1,000	360	2,500	7,500	<50	--	SEQM	6.5	
	08/17/2005	P	165.74	17.80	--	147.94	60,000	540	240	2,500	8,600	<50	--	SEQM	6.7	
	11/18/2005	P	165.74	21.02	--	144.72	33,000	340	120	1,400	4,900	140	--	SEQM	6.9	
MW-9	3/7/1991	--	166.2	16.79	--	149.41	7.1	220	4	2.4	2,400	--	--	--	--	
	4/1/1991	--	166.2	12.89	--	153.31	12,000	2,000	2,600	360	1,600	--	--	--	--	
	6/27/1991	--	166.2		--		3,600	520	400	85	310	--	--	--	--	
	9/27/1991	--	166.2		--		3.2	720	150	50	180	--	--	--	--	
	12/18/1991	--	166.2		--		--	2.5	1.1	0.3	5.8	--	--	--	--	
	7/3/1992	--	166.2	18.89	--	147.31	5,700	17,000	840	230	800	--	--	--	--	
	10/5/1992	--	166.2	20.52	--	145.68	1,400	440	17	14	100	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-9	1/13/1993	--	166.2	--	--	--	11,000	1,200	1,600	330	1,300	--	--	--	--	c,i
	1/13/1993	--	166.2	12.92	--	153.28	11,000	1,200	1,700	340	1,400	--	--	--	--	i
	4/23/1993	--	166.2	14.08	--	152.12	24,000	2,800	4,500	730	3,400	--	--	--	--	i
	7/12/1993	--	166.2	--	--	--	10,000	1,200	900	310	1,200	--	--	--	--	c
	7/12/1993	--	166.2	18.44	--	147.76	13,000	1,400	1,100	360	1,400	20.8	--	--	--	i
	10/21/1993	--	166.2	21.81	0.89	143.50	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	166.2	19.28	--	146.92	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	166.2	--	--	--	45,000	2,700	6,800	1,200	8,200	740	--	--	--	c,d
	4/20/1994	--	166.2	19.72	--	146.48	43,000	2,800	6,800	1,300	7,900	768	1.7	--	--	i
	8/1/1994	--	166.2	20.18	0.05	145.97	--	--	--	--	--	--	--	--	--	
	12/23/1994	--	166.2	14.22	0.02	151.96	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	166.2	11.85	0.13	154.22	--	--	--	--	--	--	--	--	--	
	6/8/1995	--	166.2	18.33	--	147.87	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	166.2	19.95	0.01	146.24	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	166.2	20.88	0.01	145.31	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	166.2	13.84	0.07	152.29	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	166.2	--	--	--	--	--	--	--	--	--	--	--	--	e
	7/23/1996	--	166.2	18.84	0.03	147.33	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	166.2	19.91	0.01	146.28	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	166.2	12.93	0.01	153.26	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	166.2	18.03	--	148.17	--	--	--	--	--	--	--	--	--	t
	4/30/1997	--	166.2	--	--	--	78,000	1,900	3,600	3,100	20,600	<5000	5.5	--	--	
	8/21/1997	--	166.2	19.56	0.01	146.63	110,000	2,100	3,400	2,300	18,800	<500	5.1	--	--	
	11/5/1997	--	166.2	20.59	0.01	145.60	59,000	1,400	1,700	2,200	17,000	<500	4.5	--	--	
	2/3/1998	--	166.2	10.56	--	155.64	55,000	490	1,200	1,400	10,200	<1000	4.9	--	--	
	5/28/1998	--	166.2	--	--	--	53,000	290	830	1,400	10,500	<500	--	--	--	c
	5/28/1998	--	166.2	14.21	0.01	151.98	41,000	250	1,200	1,500	11,400	<250	3.8	--	--	
	12/30/1998	--	166.2	15.61	--	150.59	83,000	860	1,300	2,400	21,000	180	--	--	--	
	2/2/1999	--	166.2	12.33	--	153.87	75,000	530	960	1,900	17,000	<50	--	--	--	
	5/10/1999	--	166.2	15.67	--	150.53	22,000	600	1,500	1,100	4,400	72	--	--	--	
	8/24/1999	--	166.2	19.10	--	147.10	85,000	850	1,300	1,700	20,000	<250	--	--	--	
	11/3/1999	--	166.2	19.58	--	146.62	72,000	700	780	1,900	19,000	<5.0	--	--	--	
	3/1/2000	--	166.2	13.19	--	153.01	34,000	78	490	1,100	8,200	63	--	--	--	
	4/21/2000	--	166.2	14.29	--	151.91	55,000	260	920	1,500	16,000	<5.0	--	--	--	
	7/31/2000	--	166.2	15.01	--	151.19	1,200,000	1,500	6,300	15,000	120,000	1,600	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-9	11/20/2000	--	166.2	18.23	--	147.97	320,000	3,500	19,000	5,000	40,000	3,900	--	--	--	
	2/18/2001	--	166.2	13.14	--	153.06	32,000	290	417	1,180	10,400	121	--	--	--	
	6/7/2001	--	166.2	17.41	--	148.79	96,000	421	704	2,330	17,300	223	--	--	--	
	9/5/2001	--	166.2	20.56	--	145.64	39,000	445	323	1,240	8,940	310	--	--	--	
	11/30/2001	--	166.2	17.42	--	148.78	60,000	310	586	1,890	14,200	285	--	--	--	
	2/20/2002	--	166.2	13.87	--	152.33	14,000	64	122	897	2,650	293	--	--	--	
	6/20/2002	--	166.2	18.22	--	147.98	29,000	307	168	1,100	5,670	208	--	--	--	
	9/11/2002	--	166.2	20.27	--	145.93	230,000	1,400	680	3,600	23,000	<2500	--	--	--	
	11/12/2002	--	166.2	19.40	--	146.80	840	5.8	3.6	28	160	21	--	--	--	t
	1/29/2003	--	166.2	14.30	0.10	151.80	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	166.2	15.16	--	151.04	23,000	260	<50	1,000	2,900	<50	--	--	--	t
	6/24/2003	--	166.2		--		--	--	--	--	--	--	--	--	--	e
	7/28/2003	--	166.2	19.55	--	146.65	1,500,000	<500	<500	9,800	79,000	<500	--	--	--	
	8/12/2003	--	166.2	19.60	--	146.60	--	--	--	--	--	--	--	--	--	o,t
	9/12/2003	--	166.2	19.60	--	146.60	--	--	--	--	--	--	--	--	--	o,t
	11/18/2003	P	166.20	18.98	--	147.22	19,000	250	18	690	2,400	45	--	SEQM	6.8	o,p
	02/23/2004	P	166.20	13.91	--	152.29	91,000	<250	440	2,200	13,000	<250	--	SEQM	6.8	t
	05/04/2004	P	166.20	18.11	--	148.09	39,000	230	44	1,100	4,200	<25	--	SEQM	6.9	t
	08/04/2004	--	166.20	18.90	0.03	147.32	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	166.20	19.69	--	146.51	--	--	--	--	--	--	--	--	--	
	11/10/2004	NP	166.20	16.95	--	149.25	31,000	300	<50	1,100	3,800	<50	--	SEQM	7.3	t
	02/15/2005	P	166.20	12.95	--	153.25	19,000	200	<50	720	2,000	<50	--	SEQM	7.3	t
	05/16/2005	P	166.20	12.53	--	153.67	17,000	99	15	770	2,500	<10	--	SEQM	6.7	
	08/17/2005	P	166.20	18.03	--	148.17	28,000	160	26	1,000	2,700	<12	--	SEQM	6.8	
	11/18/2005	P	166.20	19.04	--	147.16	12,000	98	<5.0	410	510	19	--	SEQM	7.1	
MW-10	3/7/1991	--	167.01	18.09	--	148.92	1.6	120	190	32	230	--	--	--	--	
	4/1/1991	--	167.01	13.92	--	153.09	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	167.01		--		12,000	7,300	500	150	300	--	--	--	--	
	9/27/1991	--	167.01		--		57	12,000	7,200	1,400	4,600	--	--	--	--	
	12/18/1991	--	167.01		--		5.3	2,500	120	36	79	--	--	--	--	
	7/3/1992	--	167.01	19.92	--	147.09	8,600	5,100	1,300	180	690	--	--	--	--	
	10/5/1992	--	167.01	21.92	0.19	144.90	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	167.01	14.43	0.03	152.55	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	167.01	15.26	0.06	151.69	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-10	7/12/1993	--	167.01	19.78	0.45	146.78	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	167.01	22.90	0.69	143.42	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	167.01	20.25	0.06	146.70	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	167.01	20.74	--	146.27	100,000	12,000	24,000	2,400	14,000	1,577	1	--	--	d,i
	8/1/1994	--	167.01	22.00	0.28	144.73	--	--	--	--	--	--	--	--	--	
	12/23/1994	--	167.01	16.08	0.25	150.68	--	--	--	--	--	--	--	--	--	
	1/26/1995	--	167.01	13.68	0.80	152.53	--	--	--	--	--	--	--	--	--	
	6/8/1995	--	167.01	19.08	--	147.93	--	--	--	--	--	--	--	--	--	
	8/22/1995	--	167.01	20.73	0.70	145.58	--	--	--	--	--	--	--	--	--	
	10/27/1995	--	167.01	21.69	0.63	144.69	--	--	--	--	--	--	--	--	--	
	1/25/1996	--	167.01	15.05	0.81	151.15	--	--	--	--	--	--	--	--	--	
	4/19/1996	--	167.01	16.26	0.58	150.17	--	--	--	--	--	--	--	--	--	
	7/23/1996	--	167.01	20.18	0.62	146.21	--	--	--	--	--	--	--	--	--	
	11/11/1996	--	167.01	21.20	0.20	145.61	--	--	--	--	--	--	--	--	--	
	1/21/1997	--	167.01	13.66	0.14	153.21	--	--	--	--	--	--	--	--	--	
	4/29/1997	--	167.01	18.71	0.21	148.09	--	--	--	--	--	--	--	--	--	
	4/30/1997	--	167.01		--		170,000	9,700	38,000	4,700	30,500	<5000	5.6	--	--	
	8/21/1997	--	167.01	20.19	0.14	146.68	170,000	9,500	35,000	4,300	27,100	<5000	5.3	--	--	
	11/5/1997	--	167.01	20.52	0.02	146.47	80,000	3,800	12,000	2,700	15,700	<500	4.4	--	--	
	2/3/1998	--	167.01	10.62	0.01	156.38	--	--	--	--	--	--	--	--	--	
	2/4/1998	--	167.01	--	--	--	72,000	500	1,300	1,700	12,000	<1000	5.1	--	--	
	5/28/1998	--	167.01	15.46	--	151.55	220,000	3,200	24,000	5,200	43,000	<1000	4.8	--	--	
	12/30/1998	--	167.01	16.65	--	150.36	110,000	3,500	14,000	5,800	50,000	<50	--	--	--	
	2/2/1999	--	167.01	14.58	--	152.43	74,000	1,000	2,800	1,000	26,000	860	--	--	--	
	5/10/1999	--	167.01	15.72	--	151.29	81,000	2,800	2,800	3,000	17,000	220	--	--	--	
	8/24/1999	--	167.01	19.85	--	147.16	54,000	3,500	3,800	1,500	9,100	<250	--	--	--	
	11/3/1999	--	167.01	20.00	--	147.01	30,000	3,000	3,500	1,200	5,000	31	--	--	--	
	3/1/2000	--	167.01	14.62	--	152.39	62,000	320	1,200	1,100	26,000	4,400	--	--	--	
	4/21/2000	--	167.01	15.46	--	151.55	88,000	2,700	7,400	3,700	35,000	2,400	--	--	--	
	7/31/2000	--	167.01		--		--	--	--	--	--	--	--	--	--	e
	11/20/2000	--	167.01	18.74	--	148.27	78,000	3,800	5,500	2,800	13,000	450	--	--	--	
	2/18/2001	--	167.01	14.10	--	152.91	39,000	1,050	1,160	1,550	14,700	4,180	--	--	--	
	6/7/2001	--	167.01	18.78	--	148.23	76,000	2,460	2,840	3,330	20,700	635	--	--	--	
	9/5/2001	--	167.01	21.40	0.01	145.60	25,000	2,510	2,070	1,090	4,540	189	--	--	--	
	11/30/2001	--	167.01	18.50	--	148.51	100,000	2,480	5,720	3,890	22,800	325	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-10	2/20/2002	--	167.01	14.39	--	152.62	49,000	2,170	3,070	1,960	12,300	1,090	--	--	--	
	6/20/2002	--	167.01	18.80	--	148.21	44,000	2,040	3,050	1,690	8,430	224	--	--	--	
	9/11/2002	--	167.01	20.52	--	146.49	28,000	1,200	2,700	1,400	6,800	<250	--	--	--	
	11/12/2002	--	167.01	20.37	0.07	146.57	--	--	--	--	--	--	--	--	--	j
	1/29/2003	--	167.01	16.33	0.03	150.65	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	167.01	16.32	--	150.69	13,000	2,100	850	630	1,600	300	--	--	--	t
	6/24/2003	--	167.01	18.73	0.04	148.24	--	--	--	--	--	--	--	--	--	o
	7/28/2003	--	167.01	20.39	0.04	146.58	--	--	--	--	--	--	--	--	--	j
	8/12/2003	--	167.01	20.43	--	146.58	--	--	--	--	--	--	--	--	--	o,t
	9/12/2003	--	167.01	20.41	--	146.60	--	--	--	--	--	--	--	--	--	o
	11/18/2003	P	167.01	19.55	--	147.46	9,900	2,200	530	320	860	<50	--	SEQM	6.8	o,p
	02/23/2004	P	167.01	15.45	--	151.56	46,000	1,900	2,000	1,800	9,000	180	--	SEQM	6.7	t
	05/04/2004	P	167.01	18.81	--	148.20	35,000	3,100	3,600	1,400	5,600	<25	--	SEQM	7.1	t
	08/04/2004	--	167.01	18.90	0.08	148.17	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	167.01	20.60	--	146.41	--	--	--	--	--	--	--	--	--	
	11/10/2004	P	167.01	17.95	--	149.06	9,800	470	91	450	1,700	230	--	SEQM	7.3	t
	01/13/2005	--	167.01	12.21	0.01	154.81	--	--	--	--	--	--	--	--	--	
	02/15/2005	P	167.01	14.19	--	152.82	30,000	510	330	1,800	7,200	77	--	SEQM	7.2	
	05/16/2005	P	167.01	13.85	--	153.16	37,000	540	730	2,100	9,200	<50	--	SEQM	6.7	
	08/17/2005	P	167.01	19.01	--	148.00	15,000	1,100	420	1,200	4,100	<50	--	SEQM	6.7	
	11/18/2005	P	167.01	19.95	--	147.06	12,000	1,200	240	550	1,300	16	--	SEQM	6.8	
QC-2	10/5/1992	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	1/13/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f,i
	4/23/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f,i
	7/12/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	10/21/1993	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	1/21/1994	--	168.01	--	--	--	<50	<0.5	2.1	<0.5	2.1	--	--	--	--	f
	4/20/1994	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	12/23/1994	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	1/26/1995	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	f
	6/8/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	f
	8/22/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	d,f
	10/30/1995	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	f
	1/25/1996	--	168.01	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	f

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
QC-2	4/19/1996	--	168.01	--	--	--	<50	<0.5	<1	<1	<1	<10	--	--	--	f
RW-1	7/9/1990	--	168.01		1.21		--	--	--	--	--	--	--	--	--	
	12/21/1990	--	168.01		0.01		--	--	--	--	--	--	--	--	--	
	3/7/1991	--	168.01	17.62	--	150.39	--	--	--	--	--	--	--	--	--	t
	4/1/1991	--	168.01	14.40	0.11	153.50	--	--	--	--	--	--	--	--	--	
	6/27/1991	--	168.01		0.04		--	--	--	--	--	--	--	--	--	
	9/27/1991	--	168.01		0.02		--	--	--	--	--	--	--	--	--	
	12/18/1991	--	168.01		0.02		--	--	--	--	--	--	--	--	--	
	7/3/1992	--	168.01	20.66	--	147.35	--	--	--	--	--	--	--	--	--	t
	10/5/1992	--	168.01	23.34	0.08	144.59	--	--	--	--	--	--	--	--	--	
	1/13/1993	--	168.01	16.59	0.05	151.37	--	--	--	--	--	--	--	--	--	
	4/23/1993	--	168.01	16.17	0.18	151.66	--	--	--	--	--	--	--	--	--	
	7/12/1993	--	168.01	20.18	0.06	147.77	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	168.01	25.70	0.56	141.75	--	--	--	--	--	--	--	--	--	
	1/21/1994	--	168.01	21.24	0.40	146.37	--	--	--	--	--	--	--	--	--	
	4/20/1994	--	168.01	32.20	--	135.81	--	--	--	--	--	--	--	--	--	
	8/1/1994	--	168.01	21.70	--	146.31	29,000	580	950	300	7,800	1,200	1.1	--	--	d
	12/23/1994	--	168.01	16.02	--	151.99	1,300	25	8.6	1.4	69	616	1.8	--	--	i
	1/26/1995	--	168.01	--	--	--	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	c
	1/26/1995	--	168.01	13.78	--	154.23	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	
	6/8/1995	--	168.01	20.05	--	147.96	1,300	130	<1.0	<1.0	36	--	--	--	--	
	8/22/1995	--	168.01	--	--	--	2,800	210	9.3	4.3	250	<25	--	--	--	c
	8/22/1995	--	168.01	21.74	--	146.27	3,300	230	13	4.9	280	<25	6.6	--	--	d
	10/27/1995	--	168.01	32.00	--	136.01	--	--	--	--	--	--	--	--	--	
	10/30/1995	--	168.01	--	--	--	240	1.6	<1.0	<1.0	<2.0	630	--	--	--	c
	10/30/1995	--	168.01	--	--	--	230	1.4	<1.0	<1.0	<2.0	650	6.9	--	--	
	1/25/1996	--	168.01	15.41	--	152.60	15,000	3,400	930	330	2,500	5,300	--	--	--	
	4/19/1996	--	168.01	--	--	--	33,000	5,600	3,200	1,700	8,800	15,000	--	--	--	c
	4/19/1996	--	168.01	16.83	--	151.18	35,000	5,500	3,300	1,700	9,400	14,000	7.6	--	--	
	7/23/1996	--	168.01	--	--	--	47,000	3,700	2,500	930	5,300	35,000	--	--	--	c
	7/23/1996	--	168.01	20.76	--	147.25	46,000	3,600	2,300	900	5,100	36,000	7.4	--	--	
	11/11/1996	--	168.01	--	--	--	31,000	2,900	1,000	860	4,600	22,000	--	--	--	c
	11/11/1996	--	168.01	21.73	--	146.28	34,000	3,000	1,200	880	4,600	22,000	8.3	--	--	
	1/21/1997	--	168.01	--	--	--	270	42	17	2.7	36	1,500	--	--	--	c

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
RW-1	1/21/1997	--	168.01	14.20	--	153.81	260	40	16	2.7	34	1,500	6.1	--	--	
	4/29/1997	--	168.01	19.15	--	148.86	32,000	3,100	590	1,300	6,000	46,000	5.3	--	--	
	8/21/1997	--	168.01	20.67	--	147.34	7,600	730	58	370	1,780	9,500	4.7	--	--	
	11/5/1997	--	168.01	21.01	--	147.00	39,000	2,300	86	1,300	3,840	56,000	4.5	--	--	
	2/3/1998	--	168.01	10.68	--	157.33	3,400	31	11	29	161	3,200	5.1	--	--	
	5/28/1998	--	168.01	15.55	--	152.46	2,000	90	15	60	305	2,700	4.3	--	--	
	12/30/1998	--	168.01	17.35	--	150.66	--	--	--	--	--	--	--	--	--	
	2/2/1999	--	168.01	14.58	--	153.43	82,000	2,300	120	2,000	3,200	51000/78000	--	--	--	g
	5/10/1999	--	168.01	16.00	--	152.01	15,000	620	88	340	660	61,000	--	--	--	
	8/24/1999	--	168.01	20.00	--	148.01	52,000	1,400	170	2,200	2,900	37,000	--	--	--	
	11/3/1999	--	168.01	20.39	--	147.62	17,000	2,500	86	1,500	970	54,000	--	--	--	
	3/1/2000	--	168.01	12.97	--	155.04	17,000	580	78	790	1,100	13,000	--	--	--	
	4/21/2000	--	168.01	16.02	--	151.99	31,000	2,100	100	1,400	1,100	39,000	--	--	--	
	7/31/2000	--	168.01	21.89	--	146.12	47,000	1,300	170	2,700	2,300	30,000	--	--	--	
	11/20/2000	--	168.01	19.15	--	148.86	--	--	--	--	--	--	--	--	--	h
	2/18/2001	--	168.01	15.35	--	152.66	14,000	589	89	600	712	13,000	--	--	--	
	6/7/2001	--	168.01	19.09	--	148.92	28,000	1,140	68.2	504	530	19,100	--	--	--	
	9/5/2001	--	168.01	22.06	0.02	145.93	--	--	--	--	--	--	--	--	--	j
	11/30/2001	--	168.01	19.53	--	148.48	20,000	405	39.4	545	740	8,260	--	--	--	
	2/20/2002	--	168.01	15.99	--	152.02	13,000	469	29	434	655	7,240	--	--	--	
	6/20/2002	--	168.01	19.31	--	--	--	--	--	--	--	--	--	--	--	j,l
	9/11/2002	--	168.01	21.07	0.03	146.91	--	--	--	--	--	--	--	--	--	j
	11/12/2002	--	168.01	20.92	0.02	147.07	--	--	--	--	--	--	--	--	--	j
	1/29/2003	--	168.01	16.31	0.04	151.66	--	--	--	--	--	--	--	--	--	j,n
	5/22/2003	--	168.01	16.68	--	151.33	--	--	--	--	--	--	--	--	--	j,t
	6/24/2003	--	168.01	19.76	0.07	148.18	--	--	--	--	--	--	--	--	--	o
	7/28/2003	--	168.01	21.04	0.04	146.93	--	--	--	--	--	--	--	--	--	j
	8/12/2003	--	168.01	21.41	--	146.60	--	--	--	--	--	--	--	--	--	o,t
	9/12/2003	--	168.01	21.10	0.07	146.84	--	--	--	--	--	--	--	--	--	o
	11/18/2003	P	168.01	20.10	--	147.91	12,000	770	<50	320	250	6,100	--	SEQM	6.6	o,p
	02/23/2004	--	168.01	14.35	0.01	153.67	--	--	--	--	--	--	--	--	--	
	05/04/2004	--	168.01	19.58	0.02	148.45	--	--	--	--	--	--	--	--	--	
	08/04/2004	--	168.01	22.05	0.05	146.00	--	--	--	--	--	--	--	--	--	
	09/22/2004	NP	168.01	21.28	0.06	146.78	--	--	--	--	--	--	--	--	--	
	11/10/2004	--	168.01	18.56	0.02	149.47	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
RW-1	01/13/2005	--	168.01	12.51	0.01	155.51	--	--	--	--	--	--	--	--	--	
	02/15/2005	--	168.01	15.24	0.03	152.79	--	--	--	--	--	--	--	--	--	
	03/07/2005	--	168.01	11.90	0.02	156.13	--	--	--	--	--	--	--	--	--	
	05/16/2005	--	168.01	14.39	0.02	153.64	--	--	--	--	--	--	--	--	--	j
	08/17/2005	--	168.01	19.91	0.03	148.12	--	--	--	--	--	--	--	--	--	j
	11/18/2005	--	168.01	20.36	0.07	147.71	--	--	--	--	--	--	--	--	--	b, j

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

SYMBOLS AND ABBREVIATIONS:

- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = feet below ground surface
ft MSL = feet above mean sea level
GRO = Gasoline range organics, range C4-C12
GWE = Groundwater elevation measured in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Well not purged prior to sampling
P = Well purged prior to sampling
TOC = Top of casing measured in ft MSL
TPH-g = Total petroleum hydrocarbons as gasoline
µg/L = Micrograms per liter
SEQ/SEQM= Sequoia Analytical/Sequoia Morgan Hill Laboratories
SPH = Separate phase hydrocarbons

FOOTNOTES:

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.
s = MW-7 top of casing elevation raised +0.47 ft during well repair, January 20, 2004
t = Sheen in well

NOTES:

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.
Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12
Values for DO and pH were obtained through field measurements.
The data within this table collected prior to 8/02 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Table 2

Fuel Additives Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-1	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
MW-2	1/29/2003	<4000	<2000	820	<50	<50	<50	<50	<50	
	5/22/2003	<10000	<2000	1,000	<50	<50	<50	--	--	
	7/28/2003	<20000	<4000	1,700	<100	<100	<100	<100	<100	a
	11/18/2003	<5,000	<1,000	500	<25	<25	<25	--	--	
	02/23/2004	<25,000	<5,000	790	<120	<120	<120	<120	<120	
	05/04/2004	<50,000	<10,000	780	<250	<250	<250	<250	<250	
	08/04/2004	<50,000	<10,000	430	<250	<250	<250	<250	<250	
	11/10/2004	<5,000	<1,000	310	<25	<25	<25	<25	<25	
	02/15/2005	<20,000	<4,000	690	<100	<100	<100	<100	<100	
	05/16/2005	<50,000	<10,000	560	<250	<250	<250	<250	<250	
	08/17/2005	<20,000	<4,000	480	<100	<100	<100	<100	<100	
11/18/2005	<20,000	<4,000	340	<100	<100	<100	<100	<100	b	
MW-3	1/29/2003	<40	<20	0.76	<50	<50	<50	<50	<50	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
	02/23/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/15/2005	<100	<20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-4	1/29/2003	<40	<20	66	<0.50	<0.50	<0.50	<0.50	<0.50	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
	02/23/2004	<100	<20	65	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/15/2005	<100	<20	62	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5	1/29/2003	<400	<200	82	<5.0	<5.0	<5.0	<5.0	<5.0	
	5/22/2003	<10000	<2000	<50	<50	<50	<50	--	--	
	7/28/2003	<2000	<400	120	<10	<10	<10	<10	<10	
	02/23/2004	<5,000	<1,000	100	<25	<25	<25	38	<25	
	05/04/2004	<5,000	<1,000	42	<25	<25	<25	<25	<25	
	08/04/2004	<5,000	<1,000	390	<25	<25	<25	<25	<25	
	11/10/2004	<1,000	<200	530	<5.0	<5.0	5.5	<5.0	<5.0	
	02/15/2005	<1,000	<200	260	<5.0	<5.0	<5.0	<5.0	<5.0	
05/16/2005	<1,000	<200	370	<5.0	<5.0	<5.0	<5.0	<5.0		

Table 2

Fuel Additives Analytical Data

Former BP Station #11132

3201 35th Ave, Oakland, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-5	08/17/2005	<1,000	<200	51	<5.0	<5.0	<5.0	<5.0	<5.0	
	11/18/2005	<1,000	<200	340	<5.0	<5.0	<5.0	<5.0	<5.0	b
MW-6	05/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-7	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
MW-8	1/29/2003	<4000	<2000	<500	<50	<50	<50	<50	<50	
	5/22/2003	<5000	<1000	--	<25	<25	<25	--	--	
	7/28/2003	<20000	<4000	2,100	<100	<100	<100	<100	<100	
	11/18/2003	<2,000	<400	1,700	<10	<10	20	--	--	a,b
	02/23/2004	<10,000	<2,000	110	<50	<50	<50	<50	<50	
	05/04/2004	<5,000	<1,000	2,000	<25	<25	33	<25	<25	
	11/10/2004	<5,000	<1,000	74	<25	<25	<25	<25	<25	
	02/15/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	05/16/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	08/17/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	11/18/2005	<10,000	<2,000	140	<50	<50	<50	<50	<50	b
MW-9	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	<10000	<2000	<50	<50	<50	<50	--	--	
	7/28/2003	<100000	<20000	<500	<500	<500	<500	<500	<500	
	11/18/2003	<2,000	<400	45	<10	<10	<10	--	--	a,b
	02/23/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
	05/04/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
	11/10/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	02/15/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	05/16/2005	<2,000	<400	<10	<10	<10	<10	<10	<10	
	08/17/2005	<2,500	<500	<12	<12	<12	<12	<12	<12	
	11/18/2005	<1,000	<200	19	<5.0	<5.0	<5.0	<5.0	<5.0	b
MW-10	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	<10000	<2000	300	<50	<50	<50	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
	11/18/2003	<10,000	<2,000	<50	<50	<50	<50	--	--	b
	02/23/2004	<20,000	<4,000	180	<100	<100	<100	<100	<100	

Table 2
Fuel Additives Analytical Data
Former BP Station #11132
3201 35th Ave, Oakland, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-10	05/04/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
	11/10/2004	<5,000	<1,000	230	<25	<25	<25	<25	<25	b
	02/15/2005	<10,000	<2,000	77	<50	<50	<50	<50	<50	
	05/16/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	08/17/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	11/18/2005	<2,500	<500	16	<12	<12	<12	<12	<12	b
RW-1	1/29/2003	--	--	--	--	--	--	--	--	
	5/22/2003	--	--	--	--	--	--	--	--	
	7/28/2003	--	--	--	--	--	--	--	--	
	11/18/2003	<10,000	11,000	6,100	<50	<50	160	--	--	a,b

Table 2

Fuel Additives Analytical Data

Former BP Station #11132
3201 35th Ave, Oakland, CA

SYMBOLS AND ABBREVIATIONS:

-- = Not analyzed/applicable/measured/available

< = Not detected at or above the laboratory reporting limit.

1,2-DCA = 1,2-Dichloroethane

DIPE = Di-isopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

µg/L = Micrograms per Liter

FOOTNOTES:

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

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

NOTES:

All volatile organic compounds analyzed using EPA Method 8260B.

The data within this table collected prior to August 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

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)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-1	7/9/1990	0.22	2.00	2.00
MW-1	12/21/1990	0.58	2.00	4.00
MW-1	3/7/1991	0.00	---	4.00
MW-1	6/27/1991	0.18	2.00	6.00
MW-1	9/27/1991	0.27	2.00	8.00
MW-1	12/18/1991	0.28	2.00	10.00
MW-1	4/1/1991	0.15	2.00	12.00
MW-1	7/3/1992	0.27	2.00	14.00
MW-1	10/5/1992	0.24	2.00	16.00
MW-1	1/13/1993	0.24	2.00	18.00
MW-1	4/23/1993	0.42	2.00	20.00
MW-1	7/12/1993	0.49	---	20.00
MW-1	10/21/1993	1.09	2.00	22.00
MW-1	1/21/1994	0.76	---	22.00
MW-1	4/20/1994	1.80	2.00	24.00
MW-1	8/1/1994	0.35	---	24.00
MW-1	1/26/1995	1.10	3.00	27.00
MW-1	6/8/95-6/28/95	1.25	0.70	27.70
MW-1	8/22/1995	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	4/19/1996	1.22	0.75	29.79
MW-1	7/23/1996	0.89	0.00	29.79
MW-1	9/4/1996	---	0.35	30.14
MW-1	11/11/1996	0.89	0.98	31.12
MW-1	1/21/1997	0.90	0.20	31.32
MW-1	4/29/1997	0.85	0.25	31.57
MW-1	8/21/1997	---	0.15	31.72
MW-1	11/2/97-12/9/97	0.87	2.03	33.75
MW-1	2/3/1998	0.32	0.25	34.00
MW-1	2/4/1998	---	---	34.00
MW-1	5/28/1998	0.17	---	34.00
MW-1	12/30/1998	0.08	0.02	34.02
MW-1	2/2/1999	0.03	0.01	34.03
MW-1	5/10/1999	0.03	0.01	34.04
MW-1	8/24/1999	0.06	0.01	34.05
MW-1	11/3/1999	0.36	0.05	34.10
MW-1	3/1/2000	0.23	*	34.10
MW-1	4/21/2000	0.33	0.07	34.17
MW-1	7/31/2000	0.53	0.13	34.30
MW-1	11/20/2000	0.37	0.50	34.80
MW-1	2/18/2001	0.13	0.05	34.85
MW-1	2/26/2001	0.15	0.15	35.00
MW-1	6/7/2001	0.00	---	35.00
MW-1	9/5/2001	0.35	---	35.00
MW-1	11/30/2001	0.41	0.26	35.26
MW-1	12/6/2001	0.27	0.04	35.30

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)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-1	2/20/2002	0.15	0.02	35.32
MW-1	6/20/2002	0.34	0.07	35.39
MW-1	9/11/2002	0.40	0.06	35.45
MW-1	11/12/2002	0.37	0.06	35.51
MW-1	1/29/2003	0.30	0.32	35.83
MW-1	5/22/2003	0.20	0.14	35.97
MW-1	6/24/2003	0.35	0.07	36.04
MW-1	7/28/2003	0.35	0.08	36.05
MW-1	8/12/2003	0.23	0.04	36.09
MW-1	9/12/2003	0.24	0.04	36.13
MW-1	10/3/2003	0.23	0.04	36.17
MW-1	11/18/2003	0.25	0.04	36.21
MW-1	12/31/2003	0.15	0.02	36.23
MW-1	2/2/2004	0.15	0.02	36.25
MW-1	2/23/2004	0.09	0.03	36.28
MW-1	3/18/2004	0.09	0.01	36.29
MW-1	4/13/2004	0.24	0.04	36.33
MW-1	5/4/2004	0.16	0.03	36.36
MW-1	6/2/2004	0.08	0.01	36.37
MW-1	7/2/2004	0.28	0.04	36.41
MW-1	8/4/2004	0.10	0.08	36.49
MW-1	9/22/2004	0.20	0.03	36.52
MW-1	10/26/2004	0.12	0.02	36.54
MW-1	11/10/2004	0.14	0.02	36.56
MW-1	12/27/2004	0.08	0.01	36.57
MW-1	1/13/2005	0.03	0.01	36.58
MW-1	2/15/2005	0.04	0.01	36.58
MW-1	3/7/2005	0.01	0.01	36.59
MW-1	4/29/2005	0.01	0.002	36.59
MW-1	5/16/2005	0.02	0.003	36.59
MW-1	6/21/2005	0.01	0.002	36.59
MW-1	7/7/2005	0.18	0.029	36.62
MW-1	8/17/2005	0.08	0.013	36.64
MW-1	9/6/2005	0.02	0.003	36.64
MW-1	10/4/2005	0.12	0.02	36.66
MW-1	9/6/2005	0.06	0.01	36.65
MW-1	12/30/2005	0.03	0.005	36.65
MW-8	11/02/93-12/09/98	0.12	1.62	1.62
MW-8	9/5/2001	0.04	---	1.66
MW-8	8/12/2003	<0.01 (SHEEN)	---	1.66
MW-8	10/3/2003	<0.01 (SHEEN)	---	1.66
MW-8	11/18/2003	<0.01 (SHEEN)	---	1.66
MW-8	12/31/2003	<0.01 (SHEEN)	---	1.66
MW-8	2/2/2004	<0.01 (SHEEN)	---	1.66
MW-8	2/23/2004	<0.01 (SHEEN)	---	1.66

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)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-8	3/18/2004	<0.01 (SHEEN)	--	1.66
MW-8	4/13/2004	<0.01 (SHEEN)	--	1.66
MW-8	5/4/2004	<0.01 (SHEEN)	--	1.66
MW-8	6/2/2004	<0.01 (SHEEN)	--	1.66
MW-8	7/2/2004	--	--	1.66
MW-8	8/4/2004	0.05	0.11	1.77
MW-8	9/22/2004	--	--	1.77
MW-8	10/26/2004	--	--	1.77
MW-8	11/10/2004	--	--	1.77
MW-8	12/26/2004	--	--	1.77
MW-8	1/13/2005	--	--	1.77
MW-8	2/15/2005	--	--	1.77
MW-8	3/7/2005	--	--	1.77
MW-8	4/29/2005	--	--	1.77
MW-8	5/16/2005	--	--	1.77
MW-8	6/21/2005	--	--	1.77
MW-8	7/7/2005	--	--	1.77
MW-8	8/17/2005	--	--	1.77
MW-8	9/6/2005	--	--	1.77
MW-9	11/2/93-4/29/97	0.10	<0.1	0.88
MW-9	11/5/1997	0.01	<0.1	0.88
MW-9	1/29/2003	0.10	0.19	1.07
MW-9	6/24/2003	NM	NM	1.07
MW-9	7/28/2003	<0.01 (SHEEN)	--	1.07
MW-9	8/12/2003	<0.01 (SHEEN)	--	1.07
MW-9	9/12/2003	<0.01 (SHEEN)	--	1.07
MW-9	10/3/2003	0.01	0.00	1.07
MW-9	11/18/2003	<0.01 (SHEEN)	--	1.07
MW-9	12/31/2003	<0.01 (SHEEN)	--	1.07
MW-9	2/2/2004	<0.01 (SHEEN)	--	1.07
MW-9	2/23/2004	<0.01 (SHEEN)	--	1.07
MW-9	3/18/2004	<0.01 (SHEEN)	--	1.07
MW-9	4/13/2004	<0.01 (SHEEN)	--	1.07
MW-9	5/4/2004	<0.01 (SHEEN)	--	1.07
MW-9	6/2/2004	<0.01 (SHEEN)	--	1.07
MW-9	7/2/2004			1.07
MW-9	8/4/2004	0.03	0.05	1.12
MW-9	9/22/2004	--	--	1.12
MW-9	10/26/2004	--	--	1.12
MW-9	11/10/2004	--	--	1.12
MW-9	12/27/2004			1.12
MW-9	1/13/2005	--	--	1.12
MW-9	2/15/2005	--	--	1.12
MW-9	3/7/2005	--	--	1.12

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)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-9	4/29/2005	--	--	1.12
MW-9	5/16/2005	--	--	1.12
MW-9	6/21/2005	--	--	1.12
MW-9	7/7/2005	--	--	1.12
MW-9	8/17/2005	--	--	1.12
MW-9	9/6/2005	--	--	1.12
MW-10	9/7/93-7/23/96	---	10.52	10.52
MW-10	9/4/1996	0.76	0.10	10.62
MW-10	11/11/1996	---	0.20	10.82
MW-10	1/21/1997	---	<0.03	10.85
MW-10	4/29/1997	---	0.04	10.89
MW-10	4/29/1997	---	0.04	10.93
MW-10	12/2/1997	0.03	<0.1	10.93
MW-10	2/3/1998	---	<0.1	10.93
MW-10	9/5/2001	0.01	---	10.93
MW-10	11/12/2002	0.07	0.01	10.94
MW-10	1/29/2003	0.03	0.03	10.97
MW-10	6/24/2003	0.04	0.01	10.98
MW-10	7/28/2003	0.04	0.02	11.00
MW-10	8/12/2003	<0.01 (SHEEN)	--	11.00
MW-10	10/3/2003	<0.01 (SHEEN)	--	11.00
MW-10	11/18/2003	<0.01 (SHEEN)	--	11.00
MW-10	12/31/2003	<0.01 (SHEEN)	--	11.00
MW-10	2/2/2004	<0.01 (SHEEN)	--	11.00
MW-10	2/23/2004	<0.01 (SHEEN)	--	11.00
MW-10	3/18/2004	<0.01 (SHEEN)	--	11.00
MW-10	4/13/2004	<0.01 (SHEEN)	--	11.00
MW-10	5/4/2004	<0.01 (SHEEN)	--	11.00
MW-10	6/2/2004	<0.01 (SHEEN)	--	11.00
MW-10	7/2/2004	<0.01 (SHEEN)	--	11.00
MW-10	8/4/2004	0.08	0.11	11.11
MW-10	9/22/2004	--	--	11.11
MW-10	10/26/2004	--	--	11.11
MW-10	11/10/2004	--	--	11.11
MW-10	12/27/2004	--	--	11.11
MW-10	1/13/2005	<0.01 (SHEEN)	--	11.11
MW-10	2/15/2005	--	--	11.11
MW-10	3/7/2005	--	--	11.11
MW-10	4/29/2005	--	--	11.11
MW-10	5/16/2005	--	--	11.11
MW-10	6/21/2005	--	--	11.11
MW-10	7/7/2005	--	--	11.11
MW-10	8/17/2005	--	--	11.11
MW-10	9/6/2005	--	--	11.11

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)	CUMULATIVE PRODUCT REMOVED (gallons)
RW-1	9/5/2001	0.02	---	0.00
RW-1	6/20/2002	**	---	0.00
RW-1	9/11/2002	0.03	0.04	0.04
RW-1	11/12/2002	0.02	0.03	0.07
RW-1	1/29/2003	0.04	0.07	0.14
RW-1	6/24/2003	0.07	0.04	0.18
RW-1	7/28/2003	0.04	0.02	0.20
RW-1	8/12/2003	<0.01 (SHEEN)	--	0.20
RW-1	9/12/2003	0.07	0.10	0.30
RW-1	10/3/2003	0.03	0.04	0.34
RW-1	11/18/2003	<0.01 (SHEEN)	--	0.34
RW-1	12/31/2003	<0.01 (SHEEN)	--	0.34
RW-1	2/23/2004	0.01	0.01	0.35
RW-1	3/18/2004	0.09	0.12	0.47
RW-1	4/13/2004	0.02	0.03	0.50
RW-1	5/4/2004	0.02	0.03	0.53
RW-1	6/2/2004	0.05	0.02	0.55
RW-1	7/2/2004	0.11	0.16	0.71
RW-1	8/4/2004	0.05	0.16	0.87
RW-1	9/22/2004	0.06	0.09	0.95
RW-1	10/26/2004	0.01	0.01	0.96
RW-1	11/10/2004	0.02	0.03	0.99
RW-1	12/27/2004	0.03	0.01	1.00
RW-1	1/13/2005	0.01	0.00	1.01
RW-1	2/15/2005	0.03	0.04	1.05
RW-1	3/7/2005	0.02	0.03	1.08
RW-1	4/29/2005	0.03	0.04	1.12
RW-1	5/16/2005	0.02	0.03	1.15
RW-1	6/21/2005	0.03	0.01	1.17
RW-1	7/7/2005	0.06	0.09	1.26
RW-1	8/17/2005	0.03	0.04	1.30
RW-1	9/6/2005	0.03	0.04	1.35
RW-1	10/4/2005	0.07	0.10	1.45
RW-1	11/18/2005	0.07	0.01	1.46
RW-1	12/30/2005	0.04	0.006	1.47

Free Product Removed this Quarter = 0.15

Total Free Product = 52.13

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 RM and their previous consultants. URS has not verified the accuracy of this information.

ATTACHMENT A
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 # 051004-0A7 Date 10/4/05 Client BP 11132

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		21.98	0.12	73	22.10	-	TOC
MW-8	2					18.85	-	↓
MW-9	2	sheen				19.03	-	
MW-10	2					19.95	-	
RW-1	6	SPH	20.53	0.07	390	20.60	-	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>051004-DA4</u>	Station # <u>BP 1132</u>
Sampler: <u>DA</u>	Date: <u>10/4/05</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>3</u> 3 4 6 8
Total Well Depth: <u>-</u>	Depth to Water: <u>22.10</u>
Depth to Free Product: <u>21.98</u>	Thickness of Free Product (feet): <u>0.12</u>
Referenced to: <u>POE</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer Disposable Bailer 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 <u>Bail SPH</u>	=	_____ Gals.
1 Case Volume (Gals.)	Specified Volumes		Calculated Volume

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

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: Pace Sequoia Other _____

Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol 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 #: 051004-DA1	Station # BP 111 32
Sampler: DA	Date: 10/4/05 100-8
Well I.D.: MW-8	Well Diameter: ② 3 4 6 8
Total Well Depth: -	Depth to Water: 18.85
Depth to Free Product: -	Thickness of Free Product (feet):
Referenced to: PVE 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 Case Volume (Gals.)	x	Bail SPH	=	Gals.
		Specified Volumes		Calculated Volume

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: GRO BTX MTBE DRO Oxy's 1,2-DCA EDB Ethanol 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 #: <u>051004-DAY</u>	Station # <u>BP 1132</u>
Sampler: <u>DA</u>	Date: <u>10/4/05</u>
Well I.D.: <u>MW-9</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>-</u>	Depth to Water: <u>19.03</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer Disposable Bailer 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	<u>Bail SPH</u> Specified Volumes	=	_____ Gals. Calculated Volume
--------------------------------	---	--------------------------------------	---	----------------------------------

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

Did well dewater? <u>Yes</u> No	Gallons actually evacuated: _____	
Sampling Time: _____	Sampling Date: _____	
Sample I.D.: _____	Laboratory: <u>Pace</u> Sequoia Other _____	
Analyzed for: <u>GRO BTX MTBE DRO Oxy's 1,2-DCA EDB Ethanol</u>	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 #: <u>051004-PAY</u>	Station # <u>BP 1132</u>
Sampler: <u>DA</u>	Date: <u>10/4/05</u>
Well I.D.: <u>MW-10</u>	Well Diameter: <u>3</u> 4 6 8
Total Well Depth: <u>-</u>	Depth to Water: <u>19.95</u>
Depth to Free Product: <u>-</u>	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer Disposable Bailer 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	Bail SPH	=	_____	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

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

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: Pace Sequoia Other _____
Analyzed for: GRO BTEX MTBE DRO Other: _____	
D.O. (if req'd): Pre-purge: _____	Post-purge: _____
O.R.P. (if req'd): Pre-purge: _____	Post-purge: _____

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 051004-DA4	Station # BP1132
Sampler: DA	Date: 10/4/05
Well I.D.: RWA	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: —	Depth to Water: 20.60
Depth to Free Product: 20.53	Thickness of Free Product (feet): 0.07
Referenced to: <u>MVD</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> 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	Bail SPH	=	Gals.
		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	Bailed	390	ml SPH		

Did well dewater? Yes <input type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: Pace Sequoia Other _____
Analyzed for: GRO BTX MTBE DRO Oxy's 1,2-DCA EDB Ethanol	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 # 051110-PC1

Date 11/18/05

Client Arco ~~AST~~ 11132

Site 3701 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	odor	20.09	2.06	36.3	20.15	-	TOC	√SPH	
MW-2	2					20.89	31.66			
MW-3	2					19.74	34.44		G.O.	
MW-4	2					21.67	40.02		G.O.	
MW-5	2					18.33	33.12		Tr.	
MW-6		well Parked over								G.O. ^{Tr.}
MW-7	2					20.82 19.95	30.00 34.92			G.O. Tr.
MW-8	2	odor				21.02	38.92			√SPH Tr.
MW-9	2	odor	-			19.04	27.55			√SPH Tr.
MW-10	2	odor				19.95	34.25			Tr. √SPH
RW-1	6	odor	20.29	.07	42.4	20.36	-			√SPH

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 051118PCL	Station # BP 11/32
Sampler: PC	Date: 11/10/05
Well I.D.: MW-1	Well Diameter: ② 3 4 6 8
Total Well Depth: -	Depth to Water: 20.15
Depth to Free Product: 20.09	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 Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Positive Air Displacement Extraction Port

Electric Submersible

Extraction Pump

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.

$$\frac{\text{1 Case Volume (Gals.)}}{\text{Specified Volumes}} \times \text{_____} = \text{_____ Gals. Calculated Volume}$$

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

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: 11/10/05

Sample I.D.: MW-1 Laboratory: Pace Sequoia Other _____

Analyzed for: DRO BTX MTBE DRO Oxy's 1,2-DCA EDB Ethanol 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 #: <u>051118 PCI</u>	Station # <u>BP 1132</u>
Sampler: <u>PC</u>	Date: <u>11/12/05</u>
Well I.D.: MU-2 <u>MU-2</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 30.92 <u>31.66</u>	Depth to Water: 31.02 <u>20.89</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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.

<u>1.7</u>	x	<u>3</u>	=	<u>5.1</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1130	71.1	6.7	1808	1.7	
1133	70.6	6.6	1968	3.4	
1136	70.7	6.6	2072	5.1	

Did well dewater? Yes <input type="checkbox"/> <input checked="" type="checkbox"/> No	Gallons actually evacuated: <u>5.1</u>
Sampling Time: <u>1142</u>	Sampling Date: <u>11/12/05</u>
Sample I.D.: <u>MU-2</u>	Laboratory: Pace <u>Sequoia</u> Other _____

Analyzed for: <u>ORO</u> <u>BTEX</u> <u>MTBE</u> <u>DRO</u> <u>Oxy's</u> <u>1,2-DCA</u> <u>EDB</u> <u>EMSAI</u> 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 #: 051110-PC1	Station # BP 11/32
Sampler: PC	Date: 11/10/05
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8
Total Well Depth: 33.12	Depth to Water: 18.33
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: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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.

<u>2.4</u>	X	<u>3</u>	=	<u>7.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
950	70.4	6.3	1405	2.4	
954	70.0	6.7	1410	4.8	
958	69.3	7.3	1437	7.2	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>7.2</u>
Sampling Time: <u>1000</u>	Sampling Date: <u>11/10/05</u>
Sample I.D.: <u>MW-5</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: <u>GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol</u>	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 #: <u>05110-PC</u>	Station # <u>BP 1132</u>
Sampler: <u>PC</u>	Date: <u>11/10/05</u>
Well I.D.: <u>MW-8</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>38.97</u>	Depth to Water: <u>21.02</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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.

<u>29</u>	x	<u>3</u>	=	<u>8.7</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1100	68.0	6.9	1323	3	
1108	67.8	7.1	1341	6	
1114	67.9	6.9	1342	8.7	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>8.7</u>
Sampling Time: <u>1120</u>	Sampling Date: <u>11/10/05</u>
Sample I.D.: <u>MW-8</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: <u>GRO BTEX</u> MTBE DRO. <u>Oxy's 1,2-DCA EDB Ethanol</u> 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 #: <u>051118-PC1</u>	Station # <u>BP 11132</u>
Sampler: <u>PC</u>	Date: <u>11/18/05</u>
Well I.D.: <u>MU-9</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>27.55</u>	Depth to Water: <u>19.04</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade:	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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.

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

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1152	70.8	7.5	1247	1.4	
1154	69.8	6.9	1173	2.8	
1158	72.2	7.1	1179	4.2	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>4.2</u>
Sampling Time: <u>1202</u>	Sampling Date: <u>11/18/05</u>
Sample I.D.: <u>MU-9</u>	Laboratory: Pace <u>Sequoia</u> Other _____

Analyzed for: <u>URO</u> <u>BTX</u> MTBE DRO <u>Onyx</u> 1,2-DCA <u>EDB</u> <u>Enthalp</u> 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 #: <u>051110-FC1</u>	Station # <u>BP 11132</u>
Sampler: <u>PC</u>	Date: <u>11/10/05</u>
Well I.D.: <u>MU-10</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>34.26</u>	Depth to Water: <u>19.95</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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.

<u>2.2</u>	x	<u>3</u>	=	<u>6.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1020	68.6	6.8	1353	2.2	
1024	67.1	6.8	1323	4.4	
1028	67.8	6.8	1318	6.6	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>6.6</u>
Sampling Time: <u>1035</u>	Sampling Date: <u>11/10/05</u>
Sample I.D.: <u>MU-10</u>	Laboratory: Pace Sequoia Other _____

Analyzed for: <u>DRO BTX MTBE DRO</u> <u>xy's 1,2-DCA HDB Ethanol</u> 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 #: <u>051118-PC1</u>	Station # <u>BP 1132</u>
Sampler: <u>PC</u>	Date: <u>11/18/05</u>
Well I.D.: <u>RW-1</u>	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: <u>-</u>	Depth to Water: <u>20.30</u>
Depth to Free Product: <u>20.29</u>	Thickness of Free Product (feet): <u>.07</u>
Referenced to: <u>PC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer Sampling Method: Bailer

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			<u>42.4 ml SPH removed</u>		

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: 11/18/05

Sample I.D.: RW-1 Laboratory: Page Sequoia Other _____

Analyzed for: GRO BTEX MTBE DRO Oxy's I,2-DCA EDB Ethanol Other: _____

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

BP 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 PLAINE 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:

BP1132

Station #

3201 35th Ave., Oakland

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

32

added equip. rinse water 9

any other adjustments _____

TOTAL GALS. RECOVERED 41

loaded onto BTS vehicle # 58

BTS event # 051118-PC1

time 1200 date 11/18/05

signature Bob Wi

REC'D AT BTS

time _____ date 11/18/05

unloaded by signature _____

WELL GAUGING DATA

Project # 051230-WC-1 Date 12/30/05 Client URS@Arco1132

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		16.09	0.03	20ml	16.12	—	↓	spn ✓
MW-8	2		—			11.70	—		tr/spn ✓
MW-9	2		—			12.08	—		tr/spn ✓
MW-10	2		—			13.68	—		tr/spn ✓
RW-1	6		13.66	0.04	24ml	13.70	—		spn ✓
* gauged all wells w/ interface probe									

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>051230-WC-1</u>	Station # <u>1132</u>
Sampler: <u>WC</u>	Date: <u>12/30/05</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>6</u> 3 4 6 8
Total Well Depth: <u>—</u>	Depth to Water: <u>16.12</u>
Depth to Free Product: <u>16.09</u>	Thickness of Free Product (feet): <u>0.03</u>
Referenced to: <u>(PVC)</u> Grade: _____	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer
 Disposable Bailer
 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.

<u>5ph</u>	=	Gals.
1 Case Volume (Gals.)	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
					<u>removed ~ 20 ml of 5ph</u>

Did well dewater? Yes No

Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: Pace Sequoia Other _____

Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol 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:

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 051230-WC-1	Station # 1132
Sampler: WC	Date: 12/30/05
Well I.D.: MW-8	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth: _____	Depth to Water: 11.70
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <input checked="" type="radio"/> 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: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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	_____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

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

Did well dewater? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Gallons actually evacuated: _____	
Sampling Time: _____	Sampling Date: _____	
Sample I.D.: _____	Laboratory: <input type="checkbox"/> Pace <input type="checkbox"/> Sequoia <input type="checkbox"/> Other _____	
Analyzed for: <input type="checkbox"/> GRO <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> DRO <input type="checkbox"/> Oxy's <input type="checkbox"/> 1,2-DCA <input type="checkbox"/> EDB <input type="checkbox"/> Ethanol	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 #: 051230-wc1	Station # 1182
Sampler: WC	Date: 12/30/05
Well I.D.: MW-#9	Well Diameter: \varnothing 3 4 6 8
Total Well Depth: —	Depth to Water: +12.08
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.

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

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

Did well dewater?	Yes	No	Gallons actually evacuated: _____						
Sampling Time: _____	Sampling Date: _____								
Sample I.D.: _____	Laboratory: Pace Sequoia Other _____								
Analyzed for:	ORO	BTEX	MTBE	DRG	Oxy's	1,2-DCA	EDB	Ethanol	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 #: <u>051230-WG1</u>	Station # <u>1132</u>
Sampler: <u>WC</u>	Date: <u>12/30/05</u>
Well I.D.: <u>MW-10</u>	Well Diameter: <u>Ø 3 4 6 8</u> _____
Total Well Depth: _____	Depth to Water: <u>13.68</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>(PVC)</u> Grade _____	D.O. Meter (if req'd): YSI _____ HACH _____

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

Purge Method: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> 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	Gals.
-----------------------	---	-------------------	---	-------------------	-------

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
					<u>no spH detected</u>

Did well dewater? <u>Yes</u> No	Gallons actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: <u>Pace</u> Sequoia Other _____
Analyzed for: <u>DRO</u> BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol 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 #: <u>051230-WC-1</u>	Station # <u>11132</u>
Sampler: <u>WC</u>	Date: _____
Well I.D.: <u>RW-1</u>	Well Diameter: 2 3 4 <u>6</u> 8 _____
Total Well Depth: _____	Depth to Water: <u>13.70</u>
Depth to Free Product: <u>13.66</u>	Thickness of Free Product (feet): <u>0.04</u>
Referenced to: <u>VC</u> Grade _____	D.O. Meter (if req'd): YSI _____ HACH _____

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

Purge Method: <u>Bailer</u> <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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	_____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
					<u>Bailed ~ 24 ml of spH</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: Pace Sequoia Other _____
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol 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

ATTACHMENT B
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 RM have been reviewed and verified by that laboratory.



6 December, 2005

Lynelle Onishi
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland, CA 94612

RE: BP Heritage #11132, Oakland, CA
Work Order: MOK0956

Enclosed are the results of analyses for samples received by the laboratory on 11/21/05 09:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project:BP Heritage #11132, Oakland, CA
Project Number:G07TS-0021
Project Manager:Lynelle Onishi

MOK0956
Reported:
12/06/05 16:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MOK0956-01	Water	11/18/05 11:42	11/21/05 09:40
MW-5	MOK0956-02	Water	11/18/05 10:00	11/21/05 09:40
MW-8	MOK0956-03	Water	11/18/05 11:20	11/21/05 09:40
MW-9	MOK0956-04	Water	11/18/05 12:02	11/21/05 09:40
MW-10	MOK0956-05	Water	11/18/05 10:35	11/21/05 09:40
TB1113211182005	MOK0956-06	Water	11/18/05 00:00	11/21/05 09:40

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies. These samples were received with no custody seals.

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project:BP Heritage #11132, Oakland, CA
Project Number:G07TS-0021
Project Manager:Lynelle Onishi

MOK0956
Reported:
12/06/05 16:07

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MOK0956-03) Water Sampled: 11/18/05 11:20 Received: 11/21/05 09:40									
tert-Amyl methyl ether	ND	50	ug/l	100	5K29013	11/29/05	11/29/05	EPA 8260B	
Benzene	340	50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	2000	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Ethanol	ND	10000	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Ethylbenzene	1400	50	"	"	"	"	"	"	
Methyl tert-butyl ether	140	50	"	"	"	"	"	"	
Toluene	120	50	"	"	"	"	"	"	
Xylenes (total)	4900	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	33000	5000	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88 %		60-135	"	"	"	"	
MW-9 (MOK0956-04) Water Sampled: 11/18/05 12:02 Received: 11/21/05 09:40									
tert-Amyl methyl ether	ND	5.0	ug/l	10	5K30041	11/30/05	12/01/05	EPA 8260B	
Benzene	98	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	410	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	19	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	510	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	12000	500	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97 %		60-135	"	"	"	"	

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project:BP Heritage #11132, Oakland, CA
Project Number:G07TS-0021
Project Manager:Lynelle Onishi

MOK0956
Reported:
12/06/05 16:07

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
MW-10 (MOK0956-05) Water Sampled: 11/18/05 10:35 Received: 11/21/05 09:40									
tert-Amyl methyl ether	ND	12	ug/l	25	5K30041	11/30/05	12/01/05	EPA 8260B	
Benzene	1200	12	"	"	"	"	"	"	
tert-Butyl alcohol	ND	500	"	"	"	"	"	"	
Di-isopropyl ether	ND	12	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	12	"	"	"	"	"	"	
1,2-Dichloroethane	ND	12	"	"	"	"	"	"	
Ethanol	ND	2500	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	12	"	"	"	"	"	"	
Ethylbenzene	550	12	"	"	"	"	"	"	
Methyl tert-butyl ether	16	12	"	"	"	"	"	"	
Toluene	240	12	"	"	"	"	"	"	
Xylenes (total)	1300	12	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	12000	1200	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>90 %</i>	<i>60-135</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	



URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project:BP Heritage #11132, Oakland, CA
Project Number:G07TS-0021
Project Manager:Lynelle Onishi

MOK0956
Reported:
12/06/05 16:07

**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
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Batch 5K29013 - EPA 5030B P/T / EPA 8260B

Blank (5K29013-BLK1)

Prepared & Analyzed: 11/29/05

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							IC
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							

Surrogate: 1,2-Dichloroethane-d4 4.38 " 5.00 88 60-135

Laboratory Control Sample (5K29013-BS1)

Prepared & Analyzed: 11/29/05

tert-Amyl methyl ether	15.3	0.50	ug/l	15.0		102	80-115			
Benzene	5.19	0.50	"	5.16		101	65-115			
tert-Butyl alcohol	162	5.0	"	143		113	75-150			
Di-isopropyl ether	15.0	0.50	"	15.1		99	75-125			
1,2-Dibromoethane (EDB)	17.1	0.50	"	14.9		115	85-120			
1,2-Dichloroethane	15.8	0.50	"	14.7		107	85-130			
Ethanol	213	100	"	142		150	70-135			IC, HL
Ethyl tert-butyl ether	14.7	0.50	"	15.0		98	75-130			
Ethylbenzene	7.20	0.50	"	7.54		95	75-135			
Methyl tert-butyl ether	6.51	0.50	"	7.02		93	65-125			
Toluene	37.4	0.50	"	37.2		101	85-120			
Xylenes (total)	41.2	0.50	"	41.2		100	85-125			
Gasoline Range Organics (C4-C12)	485	50	"	440		110	60-140			

Surrogate: 1,2-Dichloroethane-d4 4.51 " 5.00 90 60-135

URS Corporation [Arco]
 1333 Broadway, Suite 800
 Oakland CA, 94612

 Project:BP Heritage #11132, Oakland, CA
 Project Number:G07TS-0021
 Project Manager:Lynelle Onishi

 MOK0956
 Reported:
 12/06/05 16:07

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
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Batch 5K29013 - EPA 5030B P/T / EPA 8260B

Matrix Spike (5K29013-MS1)	Source: MOK0956-02			Prepared & Analyzed: 11/29/05						
tert-Amyl methyl ether	155	5.0	ug/l	150	3.2	101	80-115			
Benzene	145	5.0	"	51.6	91	105	65-115			
tert-Butyl alcohol	1870	50	"	1430	45	128	75-120			LM
Di-isopropyl ether	156	5.0	"	151	ND	103	75-125			
1,2-Dibromoethane (EDB)	172	5.0	"	149	ND	115	85-120			
1,2-Dichloroethane	146	5.0	"	147	1.8	98	85-130			
Ethanol	2160	1000	"	1420	100	145	70-135			HL, IC
Ethyl tert-butyl ether	154	5.0	"	150	ND	103	75-130			
Ethylbenzene	109	5.0	"	75.4	33	101	75-135			
Methyl tert-butyl ether	375	5.0	"	70.2	340	50	65-125			BB, LN
Toluene	382	5.0	"	372	2.4	102	85-120			
Xylenes (total)	462	5.0	"	412	29	105	85-125			
Gasoline Range Organics (C4-C12)	6590	500	"	4400	1900	107	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.56</i>		<i>"</i>	<i>5.00</i>		<i>91</i>	<i>60-135</i>			

Matrix Spike Dup (5K29013-MSD1)	Source: MOK0956-02			Prepared & Analyzed: 11/29/05						
tert-Amyl methyl ether	151	5.0	ug/l	150	3.2	99	80-115	3	15	
Benzene	134	5.0	"	51.6	91	83	65-115	8	20	
tert-Butyl alcohol	1750	50	"	1430	45	119	75-120	7	25	
Di-isopropyl ether	155	5.0	"	151	ND	103	75-125	0.6	15	
1,2-Dibromoethane (EDB)	169	5.0	"	149	ND	113	85-120	2	15	
1,2-Dichloroethane	142	5.0	"	147	1.8	95	85-130	3	20	
Ethanol	1580	1000	"	1420	100	104	70-135	31	35	IC
Ethyl tert-butyl ether	149	5.0	"	150	ND	99	75-130	3	25	
Ethylbenzene	106	5.0	"	75.4	33	97	75-135	3	15	
Methyl tert-butyl ether	370	5.0	"	70.2	340	43	65-125	1	20	BB, LN
Toluene	374	5.0	"	372	2.4	100	85-120	2	20	
Xylenes (total)	445	5.0	"	412	29	101	85-125	4	20	
Gasoline Range Organics (C4-C12)	6270	500	"	4400	1900	99	60-140	5	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.20</i>		<i>"</i>	<i>5.00</i>		<i>84</i>	<i>60-135</i>			

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
 1333 Broadway, Suite 800
 Oakland CA, 94612

 Project:BP Heritage #11132, Oakland, CA
 Project Number:G07TS-0021
 Project Manager:Lynelle Onishi

 MOK0956
 Reported:
 12/06/05 16:07

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
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Batch 5K30041 - EPA 5030B P/T / EPA 8260B
Blank (5K30041-BLK1)

Prepared & Analyzed: 11/30/05

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							IC
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.58</i>		<i>"</i>	<i>5.00</i>		<i>92</i>	<i>60-135</i>			

Laboratory Control Sample (5K30041-BS1)

Prepared: 11/30/05 Analyzed: 12/01/05

tert-Amyl methyl ether	16.5	0.50	ug/l	15.0		110	80-115			
Benzene	5.55	0.50	"	5.16		108	65-115			
tert-Butyl alcohol	168	5.0	"	143		117	75-150			
Di-isopropyl ether	16.6	0.50	"	15.1		110	75-125			
1,2-Dibromoethane (EDB)	19.1	0.50	"	14.9		128	85-120			HL
1,2-Dichloroethane	18.5	0.50	"	14.7		126	85-130			
Ethanol	195	100	"	142		137	70-135			IC, HL
Ethyl tert-butyl ether	16.2	0.50	"	15.0		108	75-130			
Ethylbenzene	7.55	0.50	"	7.54		100	75-135			
Methyl tert-butyl ether	7.25	0.50	"	7.02		103	65-125			
Toluene	39.2	0.50	"	37.2		105	85-120			
Xylenes (total)	43.2	0.50	"	41.2		105	85-125			
Gasoline Range Organics (C4-C12)	535	50	"	440		122	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.96</i>		<i>"</i>	<i>5.00</i>		<i>99</i>	<i>60-135</i>			

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
 1333 Broadway, Suite 800
 Oakland CA, 94612

 Project:BP Heritage #11132, Oakland, CA
 Project Number:G07TS-0021
 Project Manager:Lynelle Onishi

 MOK0956
 Reported:
 12/06/05 16:07

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
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Batch 5K30041 - EPA 5030B P/T / EPA 8260B

Matrix Spike (5K30041-MS1)	Source: MOK0902-19			Prepared: 11/30/05		Analyzed: 12/01/05				
tert-Amyl methyl ether	160	5.0	ug/l	150	ND	107	80-115			
Benzene	55.7	5.0	"	51.6	ND	108	65-115			
tert-Butyl alcohol	1720	50	"	1430	ND	120	75-120			
Di-isopropyl ether	170	5.0	"	151	ND	113	75-125			
1,2-Dibromoethane (EDB)	182	5.0	"	149	ND	122	85-120			HL
1,2-Dichloroethane	170	5.0	"	147	ND	116	85-130			
Ethanol	1750	1000	"	1420	100	116	70-135			IC
Ethyl tert-butyl ether	164	5.0	"	150	ND	109	75-130			
Ethylbenzene	81.9	5.0	"	75.4	ND	109	75-135			
Methyl tert-butyl ether	298	5.0	"	70.2	260	54	65-125			LN
Toluene	386	5.0	"	372	ND	104	85-120			
Xylenes (total)	450	5.0	"	412	ND	109	85-125			
Gasoline Range Organics (C4-C12)	5750	500	"	4400	280	124	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.76</i>		<i>"</i>	<i>5.00</i>		<i>95</i>	<i>60-135</i>			

Matrix Spike Dup (5K30041-MSD1)	Source: MOK0902-19			Prepared: 11/30/05		Analyzed: 12/01/05				
tert-Amyl methyl ether	158	5.0	ug/l	150	ND	105	80-115	1	15	
Benzene	55.9	5.0	"	51.6	ND	108	65-115	0.4	20	
tert-Butyl alcohol	1720	50	"	1430	ND	120	75-120	0	25	
Di-isopropyl ether	156	5.0	"	151	ND	103	75-125	9	15	
1,2-Dibromoethane (EDB)	177	5.0	"	149	ND	119	85-120	3	15	
1,2-Dichloroethane	164	5.0	"	147	ND	112	85-130	4	20	
Ethanol	2050	1000	"	1420	100	137	70-135	16	35	HL, IC
Ethyl tert-butyl ether	157	5.0	"	150	ND	105	75-130	4	25	
Ethylbenzene	78.8	5.0	"	75.4	ND	105	75-135	4	15	
Methyl tert-butyl ether	284	5.0	"	70.2	260	34	65-125	5	20	LN
Toluene	394	5.0	"	372	ND	106	85-120	2	20	
Xylenes (total)	443	5.0	"	412	ND	108	85-125	2	20	
Gasoline Range Organics (C4-C12)	5410	500	"	4400	280	117	60-140	6	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.57</i>		<i>"</i>	<i>5.00</i>		<i>91</i>	<i>60-135</i>			

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project:BP Heritage #11132, Oakland, CA
Project Number:G07TS-0021
Project Manager:Lynelle Onishi

MOK0956
Reported:
12/06/05 16:07

Notes and Definitions

LN MS and/or MSD below acceptance limits. See Blank Spike(LCS).
LM MS and/or MSD above acceptance limits. See Blank Spike(LCS).
IC Calib. verif. is within method limits but outside contract limits
HL Analyte recovery above established limit
BB,LN Sample > 4x spike concentration.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



Chain of Custody Record

Project Name: Analytical for QMR sampling
 BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 11132 > Historical/BL
 State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fran
 Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: <u>8:31</u>	Temp: <u>70°F</u>
Off-site Time: <u>12:20</u>	Temp: <u>70°F</u>
Sky Conditions: <u>clear</u>	
Meteorological Events: <u>none</u>	
Wind Speed:	Direction:

Lab Name: <u>Sequoia</u>	BP/AR Facility No.: <u>11132</u>	Consultant/Contractor: <u>URS</u>
Address: <u>885 Jarvis Drive</u> <u>Morgan Hill, CA 95037</u>	BP/AR Facility Address: <u>3201 35th Ave, Oakland, CA 94619</u>	Address: <u>1333 Broadway, Suite 800</u> <u>Oakland, CA 94612</u>
Lab PM: <u>Lisa Race / Jamshid Kekobad</u>	Site Lat/Long: <u>37.791607 / -122.204</u>	Consultant/Contractor Project No.: <u>38487137</u>
Tele/Fax: <u>408.782.8156 / 408.782.6308</u>	California Global ID No.: <u>T0600100213</u>	Consultant/Contractor PM: <u>Lynelle Onishi</u>
BP/AR PM Contact: <u>Kyle Christie</u>	Enfos Project No.: <u>G07TS-0021</u>	Tele/Fax: <u>510.874.1758 / 510.874.3268</u>
Address: <u>4 Centerpointe Dr.</u> <u>La Palma, CA 90623</u>	Provision or RCOP: <u>Provision</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
Tele/Fax: <u>(714) 670-5303 / (714) 670-5195</u>	Phase/WBS: <u>04 - Mon/Remed by Natural Attenuation</u>	E-mail EDD To: <u>Donna Cospers@urscorp.com</u>
	Sub Phase/Task: <u>03 - Analytical</u>	Invoice to: <u>Atlantic Richfield Company</u>
	Cost Element: <u>05 - Subcontracted Costs</u>	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO / BTEX (8260)	MIBE, TAME, BTBE	DIPE, TBA (8260)	EDB, 1,2-DCA (8260)	Ethanol (8260)	
1	MW-2	1142	11/10/05	X			01	3							X	X	X	X	
2	MW-5	1000		X			02	3							X	X	X	X	
3	MW-8	1120		X			03	3							X	X	X	X	
4	MW-9	1202		X			04	3							X	X	X	X	
5	MW-10	1035		X			05	3							X	X	X	X	
6	TS 11132/11182005			X			04	2											on hold
7																			
8																			
9																			
10																			

Sampler's Name: <u>P. Conroy</u>	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time
Sampler's Company: <u>BTS</u>	<u>P. Conroy</u>		<u>11/10/05</u>	<u>15:45</u>	<u>Donna Cospers</u>		<u>11/10/05</u>	<u>15:45</u>
Shipment Date:	<u>11/10/05</u>		<u>11/10/05</u>	<u>09:05</u>	<u>Donna Cospers</u>		<u>11/10/05</u>	<u>09:05</u>
Shipment Method:	<u>SAFETY CUSTODIAN</u>		<u>11/10/05</u>	<u>9:40</u>	<u>Donna Cospers</u>		<u>11/10/05</u>	<u>9:40</u>
Shipment Tracking No:					<u>Ms L.</u>			

Special Instructions:

Seals In Place Yes No Temp Blank Yes No Cooler Temperature on Receipt 61.1°F/C Trip Blank Yes No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
 REC. BY (PRINT): ME
 WORKORDER: M6K0956

DATE REC'D AT LAB: 11/21/05
 TIME REC'D AT LAB: 9:40
 DATE LOGGED IN: 11-22-05

For Regulatory Purposes?
 DRINKING WATER YES NO
 WASTE WATER YES NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present <input checked="" type="radio"/> Absent <input type="radio"/> Intact / Broken*									ME 11/21/05
2. Chain-of-Custody Present <input checked="" type="radio"/> Absent <input type="radio"/>									
3. Traffic Reports or Packing List Present <input checked="" type="radio"/> Absent <input type="radio"/>									
4. Airbill: Airbill / Sticker Present <input checked="" type="radio"/> Absent <input type="radio"/>									
5. Airbill #:									
6. Sample Labels: Present <input checked="" type="radio"/> Absent <input type="radio"/>									
7. Sample IDs: Listed <input checked="" type="radio"/> Not Listed <input type="radio"/> on Chain-of-Custody									
8. Sample Condition: Intact <input checked="" type="radio"/> Broken* <input type="radio"/> / Leaking* <input type="radio"/>									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes <input checked="" type="radio"/> No* <input type="radio"/>									
10. Sample received within hold time? Yes <input checked="" type="radio"/> No* <input type="radio"/>									
11. Adequate sample volume received? Yes <input checked="" type="radio"/> No* <input type="radio"/>									
12. Proper preservatives used? Yes <input checked="" type="radio"/> No* <input type="radio"/>									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes <input checked="" type="radio"/> No* <input type="radio"/>									
14. Read Temp: <u>4.1</u> Corrected Temp: <u>4.1</u> Is corrected temp 4 +/- 2°C? Yes <input checked="" type="radio"/> No** <input type="radio"/>									

(Acceptance range for samples requiring thermal pres.)
 **Exception (if any): METALS / DFF ON ICE or Problem COC

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

ATTACHMENT C

**ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL
CONFIRMATIONS**

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	12/21/2005 1:50:17 PM

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You may now proceed to the [upload](#) page.

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CONTACT SITE [ADMINISTRATOR](#).

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UPLOADING A GEO_WELL FILE

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

Submittal Title: 4Q 2005 BP/ARCO 11132
GOWELL

Submittal Date/Time: 12/21/2005 1:51:30 PM

**Confirmation
Number:** 6548553287

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(CONTRACTOR)

CONTACT SITE [ADMINISTRATOR](#).

Electronic Submittal Information

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 [Check EDD](#)

SUCCESSFUL EDF CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	12/21/2005 1:53:24 PM
<u>GLOBAL ID:</u>	T0600100213
<u>FILE UPLOADED:</u>	BP#11132-EDF-MOK0956.zip

No errors were found in your EDF upload file.

If you want to submit this file to the SWRCB, choose the "Upload EDD" option in the above menu and follow the instructions.

When you complete the submittal process, you will be given a confirmation number for your submittal.

Click [here](#) to view the detections report for this upload.

BP 3201 35TH ST OAKLAND, CA 94619	<u>Regional Board - Case #: 01-0227</u> SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) <u>Local Agency (lead agency) - Case #: 3878</u> ALAMEDA COUNTY LOP - (RWS)
---	--

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	5
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-	N
---	---

135%
 MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% Y
 SURROGATE SPIKES % RECOVERY BETWEEN 85-115% Y
 BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% N

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% n/a
 MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% n/a
 SURROGATE SPIKES % RECOVERY BETWEEN 70-125% n/a
 BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Electronic Submittal Information

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Confirmation Number: 7209329962
Date/Time of Submittal: 12/21/2005 1:54:25 PM
Facility Global ID: T0600100213
Facility Name: BP
Submittal Title: 4Q 2005 BP/ARCO 11132 EDF
Submittal Type: GW Monitoring Report

Click [here](#) to view the detections report for this upload.

BP 3201 35TH ST OAKLAND, CA 94619	Regional Board - Case #: 01-0227 SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) Local Agency (lead agency) - Case #: 3878 ALAMEDA COUNTY LOP - (RWS)
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CONF #	TITLE	QUARTER
7209329962	4Q 2005 BP/ARCO 11132 EDF	Q4 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	12/21/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	5
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	N
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	N

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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