



Atlantic Richfield Company (a BP affiliated company)

P.O. Box 6549 Moraga, California 94570 Phone: (925) 299-8891 Fax: (925) 299-8872 **RECEIVED** By lopprojectop at 11:15 am, Apr 17, 2006

April 11, 2006

Re: Former BP Service Station # 11132 3201 35th Avenue Oakland, California First Quarter 2006 Groundwater Monitoring Report ACEH Case # RO0000014

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

Submitted by:

Paul Supple / Control Paul Supple Paul Sup

April 11, 2006

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

Re: First Quarter 2006 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 *First Quarter 2006 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

Robert Horwath, P.G. Portfolio Manager



Enclosure: First Quarter 2006 Groundwater Monitoring Report

Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
 Ms. Shelby Lathrop, ConocoPhillips, copy uploaded to URS ftp server
 Mr. Rob Miller, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS

URS Corporation 1333 Broadway, Suite 800 Oakland, CA 94612-1924 Tel: 510.893.3600 Fax: 510.874.3268 REPORT

RECEIVED By lopprojectop at 11:15 am, Apr 17, 2006

FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT

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

Prepared for RM

April 11, 2006



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Date:	April 11, 2006
Quarter:	1Q 06

FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT

Facility No.:	11132	Address:	3201 35 th Avenue Oakland, CA
RM Environmenta	al Business Manager:		Paul Supple
Consulting Co./Co	ontact Person:		URS Corporation / Lynelle Onishi
Primary Agency			Alameda County Environmental Health (ACEH)
ACEH Case#:			RO000014

(First - 2006):

WORK PERFORMED THIS QUARTER

1. Performed the first quarter 2006 groundwater monitoring event on February 7, 2006.

2. Performed monthly free product (FP) gauging and bailing as an interim remedial action measure.

WORK PROPOSED FOR NEXT QUARTER (Second – 2006):

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

SITE SUMMARY:

Current Phase of Project:	GW Monitoring/Sampling/FP Bailing
Frequency of Groundwater Sampling:	Quarterly: Wells MW-1, MW-2, MW-5, MW-8, MW-9,
	MW-10 & RW-1
	Annually (1 st quarter): Wells MW-3 MW-4, MW-6 & MW-7
Frequency of Groundwater Monitoring:	Quarterly
Is FP Present On-Site:	On January 24 & February 7: Well RW-1
	On February 7: Well MW-1
	Sheen: Wells MW-9 and MW-10
FP Recovered this Quarter:	0.03 gallons
Cumulative FP Recovered Since 1990:	52.17 gallons
Current Remediation Techniques:	Interim FP Bailing
Approximate Depth to Groundwater :	9.93 (MW-6) to 16.74 (MW-4) feet
Groundwater Gradient (direction):	East
Groundwater Gradient (magnitude):	0.02 feet per foot

DISCUSSION:

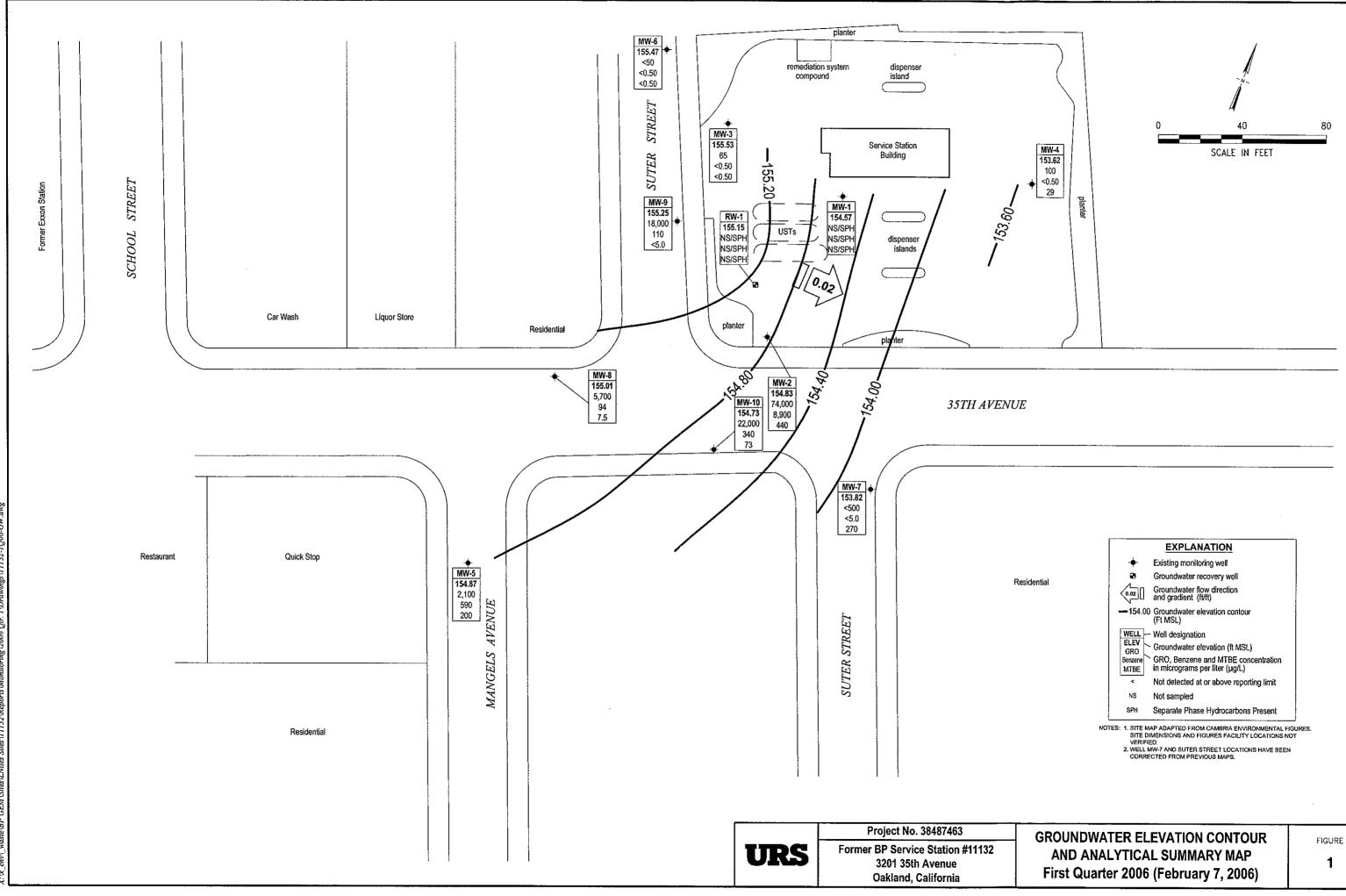
Gasoline range organics were detected at or above the laboratory reporting limit in seven of the nine wells sampled this quarter at concentrations ranging from 65 micrograms per liter (μ g/L) (MW-3) to 74,000 μ g/L (MW-2). Benzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 94 μ g/L (MW-8) to 8,900 μ g/L (MW-2). Toluene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 8.7 μ g/L (MW-9) to 5,800 μ g/L (MW-2). Ethylbenzene was detected at or above the laboratory reporting limit in seven wells at concentrations ranging from 1.0 μ g/L (MW-4) to 3,600 μ g/L (MW-2). Xylenes were detected at or above the laboratory reporting limit in seven wells at concentrations ranging ranging ranging ranging ranging ranging from 1.0 μ g/L (MW-4) to 3,600 μ g/L (MW-2).

from 2.3 μ g/L (MW-3) to 14,000 μ g/L (MW-2). Methyl tert-butyl ether was detected at or above the laboratory reporting limit in six wells at concentrations ranging from 7.5 μ g/L (MW-8) to 440 μ g/L (MW-2). Tert-Amyl methyl ether was detected at or above the laboratory reporting limit in one well (MW-9) at a concentration of 5.4 μ g/L. 1,2-Dichloroethane was detected at or above the laboratory reporting limit in one well (MW-2) at a concentration of 160 μ g/L. No other fuel components were detected at or above their respective laboratory reporting limits in any of the wells sampled this quarter.

Wells MW-1 and RW-1 were not sampled due to the presence of free product (FP) at a thickness of 0.01 ft. Approximately 55 milliliters (mL) (0.01 gallons (gal) of FP was bailed from well RW-1 during the January 24th product gauging/removal event. Approximately 7 mL (0.002 gal) of FP were bailed from well MW-1, and approximately 56 mL (0.01 gal) were bailed from well RW-1 during the February 7th monitoring event.

ATTACHMENTS:

- Figure 1 Groundwater Elevation Contour and Analytical Summary Map February 7, 2006
- 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



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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	рН	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				С
	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

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	рН	Comments
MW-1	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				с
	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	1	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										0
	7/28/2003		169.75	22.72	0.35	146.68										j
	8/12/2003		169.75	22.64	0.23	146.88	-1									0
	9/12/2003		169.75	20.70	0.24	148.81										0
	11/18/2003	NP	169.75	21.70	0.25	148.25										
	02/23/2004	NP	169.75	16.34	0.09	153.48										

CONFICULT PROPERTY AND INCOMENDATION INFORMATION

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	рН	Comments
MW-1	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						- 14				<i></i>
	01/13/2005		169.75	14.58	0.03	155.19										
	02/15/2005		169.75	16,13	0.04	153.65										
	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
	02/07/2006		169.75	15.19	0.01	154.57										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. 1 4	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										

Groundwater Elevation and Analytical Data

Former BP Station #11132

3201 35th Ave, Oakland, CA

Weil 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	рН	Comments
MW-2	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									1	
	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			
	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	1	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			1	p
	11/18/2003	Ρ	168.14	20.50		147.64	23,000	3,300	800	500	2,000	500		SEQM	6.6	

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	pН	Comments
MW-2	02/23/2004	Ρ	168.14	14.77		153.37	84,000	14,000	6,200	3,100	14,000	790		SEQM	6.6	t
	05/04/2004	Р	168.14	20.09		148.05	120,000	15,000	17,000	4,900	24,000	780		SEQM	6.6	t
	08/04/2004	Р	168.14	21.39		146.75	38,000	9,100	3,300	1,900	5,800	430		SEQM	6.69	t
	11/10/2004	Р	168.14	18.98		149.16	22,000	4,400	2,000	940	3,600	310		SEQM	7.5	
	02/15/2005	Ρ	168.14	15.62		152.52	67,000	11,000	4,200	3,000	11,000	690		SEQM	7.1	t
	05/16/2005	Р	168.14	14.71		153.43	94,000	11,000	7,600	4,100	17,000	560		SEQM	6.5	
	08/17/2005	Р	168.14	20.00		148.14	110,000	13,000	8,000	4,300	18,000	480		SEQM	6.6	
	11/18/2005	Р	168.14	20.89		147.25	37,000	11,000	2,400	1,500	4,600	340		SEQM	6.6	
	02/07/2006	Р	168.14	13.31		154.83	74,000	8,900	5,800	3,600	14,000	440		SEQM	6.7	
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					
	4/1/1991		167.17	13.69		153.48										
	6/27/1991		167.17				380	28	26	13	46	<u></u>				
	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					С
	10/5/1992		167. 1 7	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					С
	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					С
	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

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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	рН	Comments
MW-3	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	ł	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	1	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	1	150.54										
	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

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	рН	Comments
MW-3	5/22/2003		167.17	15.60		151.57										
	7/28/2003		167.17	20.12		147.05	-									р
	11/18/2003		167.17	19.15		148.02	1									
	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	Р	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										
	02/07/2006	P	167.17	11.64		155.53	65	<0.50	<0.50	1.4	2.3	<0.50		SEQM	7.1	
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													
	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	<u>u</u>	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

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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	рH	Comments
MW-4	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	يد.									
	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	1	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				1						
	11/3/1999		170.36	22.78		147.58										a Mandelan kana da kana da Ana di Mandelan kana da Kana
	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	1	170.36	17.72		152.64	88	<0.5	<0.5	<0.5	<0.5	97.3				
	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										p
	11/18/2003		170.36	21.65		148.71										

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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	рН	Comments
MW-4	02/23/2004	Р	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	Р	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										
	02/07/2006	Ρ	170.36	16.74		153.62	100	<0.50	<0.50	1.0	3.0	29		SEQM	6.8	
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. 1 4	20.32		144.82	270	79	4	1.7	2.9					
	1/13/1993		165.14	13.03		152. 1 1	180	59	6	1.8	7.6					i
	4/23/1993		165. 1 4	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				ì
	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				ì
	4/20/1994		165.14	17.30		147.84	690	230	4.5	1.6	11	21.2	1.3			i
	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					С
	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			đ
	10/27/1995		165.14	20.94		144.20										
	10/30/1995		165.14				6,500	2,200	55	180	270	<250	7.5			

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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	рН	Comments
MW-5	1/25/1996		165.14				540	37	0.66	<0.50	<1.0	<5.0				с
	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	1	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		1 65.14	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. 1 4	13.52		151.62										
	7/31/2000		165.14	14.04		151.10										
	11/20/2000		165.14	15.89		149.25										<u>`</u>
	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. 1 4	19.15		145.99					·					
	11/12/2002		165. 1 4	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

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Groundwater Elevation and Analytical Data

Former BP Station #11132

3201 35th Ave, Oakland, CA

Weil 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	pН	Comments
MW-5	02/23/2004	P	165.14	12.21		152.93	7,500	1,500	100	190	350	100		SEQM	6.7	
	05/04/2004	Р	165. 1 4	17.12		148.02	5,900	1,500	57	200	280	42		SEQM	6.6	
	08/04/2004	Р	165. 1 4	19.05		146.09	<2,500	<25	<25	<25	<25	390		SEQM	6.69	
	11/10/2004	Ρ	165.14	16.95		148.19	870	80	<5.0	<5.0	<5.0	530		SEQM	7.5	
	02/15/2005	Ρ	165.14	12.75		152.39	1,600	330	8.0	37	67	260		SEQM	7.2	
	05/16/2005	Р	165.14	15.46		149.68	<500	<5.0	<5.0	<5.0	<5.0	370		SEQM	6.7	
	08/17/2005	Р	165.14	17.00		148.14	7,000	1,000	17	110	130	51		SEQM	6.6	
	11/18/2005	Р	165.14	18.33		146.81	1,900	91	<5.0	33	29	340		SEQM	7.3	·
	02/07/2006	Р	165.14	10.27		154.87	2,100	590	9.6	86	110	200		SEQM	6.7	
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													е
	4/1/1991		165.4	11.79		153.61						==				
	6/27/1991		165.4													e
	9/27/1991		165.4													е
	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					ì
	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										
	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		1 51.50						=				

Groundwater Elevation and Analytical Data

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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	рН	Comments
MW-6	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				us						
	2/2/1999		165.4	18.29		147.11										
	5/10/1999		165.4	17.49		147.91										LefLf
	8/24/1999		165.4	17.61		147.79										· · · · · · · ·
	11/3/1999		165.4	16.26		149.14						u#				
	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	1	165.4	18.38		147.02										57870 ES. 80 / / / / / / / / / / / / / / / / / /
	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										

Groundwater Elevation and Analytical Data

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	рН	Comments
MW-6	11/10/2004		165.40	15.75		149.65										
	02/15/2005		165.40	12.50		152.90										
	05/16/2005	Р	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
	02/07/2006	Р	165.40	9.93		155.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.1	
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					1
	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					С
	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			

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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	рН	Comments
MW-7	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			
	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								-+		ภ
	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		147.1 1										
	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										

Groundwater Elevation and Analytical Data

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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	pН	Comments
MW-7	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										
	02/07/2006	P	168.08	14.26		153.82	<500	<5.0	<5.0	<5.0	<5.0	270		SEQM	7.3	
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					
	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				1	
	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	1	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			í
	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													е
	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			

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Weil 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	pН	Comments
MW-8	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				<u></u>
	4/21/2000		165.74													e
	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													е
	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										0
	11/18/2003	P	165.74	18.80		146.94	8,800	500	37	530	930	1,700		SEQM		o,p
	02/23/2004	Р	165.74	12.82		152.92	32,000	840	360	1,000	7,100	110		SEQM	6.6	t
	05/04/2004	Р	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										

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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)	Totuene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	рН	Comments
MW-8	11/10/2004	Р	165.74	16.58		149.16	11,000	790	61	1,000	830	74		SEQM	7.3	t
	02/15/2005	Р	165.74	12.85		152.89	38,000	1,300	390	2,300	7,900	<50	- 1	SEQM	7.2	•
	05/16/2005	Р	165.74	12.22		153.52	31,000	1,000	360	2,500	7,500	<50		SEQM	6.5	
	08/17/2005	Р	165.74	17.80		147.94	60,000	540	240	2,500	8,600	<50		SEQM	6.7	
	11/18/2005	Р	165.74	21.02		144.72	33,000	340	120	1,400	4,900	140		SEQM	6.9	
	02/07/2006	Р	165.74	10.73		155.01	5,700	94	27	260	820	7.5		SEQM	6.6	
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			•_•_•_		
	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,đ
	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	- 1	166.2	19.91	0.01	146.28										

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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)	Ethyi- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	рН	Comments
MW-9	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				С
	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				
	11/20/2000		166.2	18.23		147.97	320,000	3,500	19,000	5,000	40,000	3,900		ŀ		
	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													е
	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	Р	166.20	18.98		147.22	19,000	250	18	690	2,400	45		SEQM	6.8	o,p

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)	МТВЕ (µg/L)	DO (mg/L)	Lab	pН	Comments
MW-9	02/23/2004	Р	166.20	13.91		152.29	91,000	<250	440	2,200	13,000	<250		SEQM	6.8	t
	05/04/2004	Р	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	Р	166.20	12.95		153.25	19,000	200	<50	720	2,000	<50		SEQM	7.3	t
	05/16/2005	Р	166.20	12.53		153.67	17,000	99	15	770	2,500	<10		SEQM	6.7	
	08/17/2005	Р	166.20	18.03		148.17	28,000	160	26	1,000	2,700	<12		SEQM	6.8	
	11/18/2005	Р	166.20	19.04		147.16	12,000	98	<5.0	410	510	19		SEQM	7.1	
	02/07/2006	Р	166.20	10.95		155.25	18,000	110	8.7	770	1,500	<5.0		SEQM	6.9	t
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										
	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							==			

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 Xyienes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	рН	Comments
MW-10	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		1 51.55	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. 1 6	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				andalah Bada kacikan kancela sisan akhida basik kan da 1900 (Alanca ta 1900)
	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				
	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										0
	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										0

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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	рН	Comments
MW-10	11/18/2003	Р	167.01	19.55		147.46	9,900	2,200	530	320	860	<50		SEQM	6.8	o,p
· · ·	02/23/2004	Р	167.01	15.45		151.56	46,000	1,900	2,000	1,800	9,000	180		SEQM	6.7	t
	05/04/2004	Р	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										, <u>, , , ,</u>
	11/10/2004	Р	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	Ρ	167.01	14.19		152.82	30,000	510	330	1,800	7,200	77		SEQM	7.2	
	05/16/2005	Р	167.01	13.85		153.16	37,000	540	730	2,100	9,200	<50		SEQM	6.7	
	08/17/2005	Ρ	167.01	19.01		148.00	15,000	1,100	420	1,200	4,100	<50		SEQM	6.7	
	11/18/2005	Р	167.01	19.95		147.06	12,000	1,200	240	550	1,300	16		SEQM	6.8	
	02/07/2006	Р	167.01	12.28		154.73	22,000	340	580	1,300	4,500	73		SEQM	6.8	t
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	<1					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
	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											

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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)	Totai Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	рН	Comments
RW-1	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		-44								
	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				¢
	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			1	33,000	5,600	3,200	1,700	8,800	15,000				С
	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	1	168.01				31,000	2,900	1,000	860	4,600	22,000				с
	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
	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			

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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	рН	Comments
RW-1	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				<u> </u>
	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										0
	7/28/2003	1	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										0
	11/18/2003	Р	168.01	20.10		147.91	12,000	770	<50	320	250	6,100		SEQM	6.6	o,p
· ·	02/23/2004	1	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										
	01/13/2005		168.01	12.51	0.01	155.51										

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	pН	Comments
RW-1	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
	02/07/2006		168.01	12.87	0.01	155.15										j

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 specified 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

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 Analytical Morgan Hill (Laboratories)

SPH = Separate phase hydrocarbons

FOOTNOTES:

a = Casing elevations surveyed to the nearest 0.01 ft MSL.

b = GWE adjusted assuming a specific gravity of 0.75 for free product (FP).

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.

I = Value represents the depth to product. Unable to determine depth to water, product disabled the interface probe.

m = Discrete p[ak @ C6-7.

n = TPH-g, BTEX, and MTBE analyzed by EPA method 8260 B beginning on 1st quarter 2003 aampling event (1/29/03).

o = Groundwater samples are not collected during FP bailing event.

p = Well not included in the monthly FP 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 TOC elevation raised +0.47 ft during well repair on January 20, 2004.

t = Sheen in well.

Groundwater Elevation and Analytical Data

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

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.

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	а
	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	<u> </u>
	11/18/2005	<20,000	<4,000	340	<100	<100	<100	<100	<100	b
	02/07/2006	<60,000	<4,000	440	<100	<100	<100	160	<100	
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	
	02/07/2006	<300	<20	<0.50	<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	
	02/07/2006	<300	<20	29	<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	

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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	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	
	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
	02/07/2006	<3,000	<200	200	<5.0	<5.0	<5.0	<5.0	<5.0	
MW-6	05/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/07/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-7	1/29/2003									
	5/22/2003									
	7/28/2003									
	02/07/2006	<3,000	<200	270	<5.0	<5.0	<5.0	<5.0	<5.0	
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
	02/07/2006	<3,000	<200	7.5	<5.0	<5.0	<5.0	<5.0	<5.0	
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

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-9	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
	02/07/2006	<3,000	<200	<5.0	<5.0	<5.0	5.4	<5.0	<5.0	· · · · · · · · · · · · · · · · · · ·
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	
	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
	02/07/2006	<15,000	<1,000	73	<25	<25	<25	<25	<25	
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

Fuel Additives Analytical Data

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

SYMBOLS AND ABBREVIATIONS:

TANK INCOMENTATION OF A DESCRIPTION OF A

-- = Not analyzed/applicable/measured/available < = Not detected at or above specified 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-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 3Free Product RemovalFormer 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

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	36.67
MW-1	12/30/2005	0.03	0.005	36.67
MW-1	1/24/2006	0.00	0.000	36.67
MW-1	2/7/2006	0.01	0.002	36.68
MW-1	3/30/2006	0.00	0.000	36.68
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

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-8	1/24/2006		an	1.77
MW-8	2/7/2006	- 1		1.77
MW-8	3/30/2006			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

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-9	1/24/2006			1.12
MW-9	2/7/2006	SHEEN		1.12
MW-9	3/30/2006			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	11.00
MW-10 MW-10	9/22/2004	0.00		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
MW-10	1/24/2006			11.11
MW-10	2/7/2006	SHEEN		11.11
MW-10	3/30/2006		==	11.11

X:\x_env_waste\BP GEM\Sites\LNiles Sites\11132\Reports\Monitoring\2006 Qtr. 1\Tables\11132 GWT 1Q06.xls

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	1.46								
RW-1	1/24/2006	0.01	0.015	1.48								
RW-1	2/7/2006	0.01	0.015	1.49								
RW-1	3/30/2006	0.02	0.03	1.52								
				RW-1 3/30/2006 0.02 0.03 1.52 Free Product Removed this Quarter = 0.06								

Total Free Product =

52.17

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 TeflonTM 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 # 060124-017 Date 1/24/06 Client 1/152 site 3201 35th St. Oakland CA

Well ID	Well Size (in.)	Sheen / Odor		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	Z	spil	` 			15.51		Toc	
Mw-g	2					10,99	4		
Mw-9	Z					11.38	,~		
WM-10	2					12.60	~		
RW-1	Ь	SPH	13.21	0-01	55	12.60	-		
								۲۳. ۶۱۰.	
	··· · · · · ·								
				·	3			2	
									· · · · ·
					[
		l		<u> </u>	 	1		 	
				<u> </u>					,
, , , , , , , , , , , , , , , , , , ,									
*	ļ,,	4			1				

BTS #: 06	50124-1	DAI		Station #	BPIN	32		
Sampler:	,			Date: 1	124/06	<u>, , , , , , , , , , , , , , , , , , , </u>		
Well I.D.:	MW-	1		Well Dia		2 3 4	6 8	
Total Well	Depth:	15.51		Depth to	Water:			
Depth to Fi	ree Produ	et:		Thicknes	s of Free	e Product (fee	t):	
Referenced	l to:	(PVD)	Grade.	D.O. Met			YSI	HACH
	Well Diamete			lell Diameter	Multi	and the second		
	l" 2"		0.04 0.16	4" 6"	0.65 1.47			
d	3"		0.37	Other	Vadius2 *	0.163		
Purge Method	1:	Bailer		Sampling N	Aethod:	Bailer	<u>_</u> J	
. —	Di	sposable Baile	a l	1		Sisposable Bailer		
		e Air Displace				Extraction Port		
	Elec	tric Submersi	ble					
		straction Purn	р					
	Other:							
Top of Screen	1.		If well is listed as	a no purge /	onfirm the	t water lovel is h	-1 4h -	•
vop or ooroor			of screen. Otherw	ice the well	must be m	it water level is o tread	elow the	top
Г				3	must be pt	ngea.		
			x BallSP	(Gals.		
	1 Case Vol	ume (Gals.)	Specified Vo	olumes	Calcul	ated Volume	-	
[Conductivity	1]
Time	Temp (⁰F)	pН	(mS or µS)	Gals. Re	hered	CB		
TIME	10mp(1)	P11		Gais. Rei	moved	Observations		
					ļ			
		1	1 1					······································
	N- 57	It ou	rected					
						······································		
							·····	<u> </u>
Did well o	lewater?	Yes	No	Gallons	actually	evacuated:		·
Sampling	Time:			Samplin	g Date:	· · · · · · · · · · · · · · · · · · ·		
Sample I.	D.:		· · · · · · · · · · · · · · · · · · ·	Laborat	ory: P	Pace Sequoia	Othe	 er
Analyzed	for: d	IRO BTEX M	TBE DRO Oxy's 1,2-I	DCA EDB EN	ianol (Other:	$\overline{}$	
D.O. (if r	eq'd):		Pre-purge	;	^{mg} /L	Post-purge		mg
O.R.P. (if	req'd):		Pre-purge	e:	mV	Post-purge		m
Blaine T	ach Son	licos In	- 1680 Bogo	A	San lar			

BTS #: 66	TS #: 060120-0AZ					BPIL	132-				•
Sampler:	oAlpi				Date:	1/24		****			
Well I.D.:	MW-8				Well Dia		(2)	3 4	4 6	8	
Total Well	Depth:	~		······	Depth to	Water:	10	99			
Depth to F	ree Produc	et:	·		Thicknes				feet):	·	
Referenced	l to:	PV		Jrade	D.O. Met						
	Well Diamete		Multiplier		/ell Diameter	and the second se	tiplier		YSI		HACH
	l" 2"		0.04	-	4"	0.6	5				
	2"		0.16 0.37		6" Othe r	1.4° radius ²				1	
Purge Method		Dailar	0.57	• • •					- <u>-</u>		
, arge metitor		Bailer	lor		Sampling N			uiler			
Disposable Bailer Positive Air Displacement								ble Baile			
		tric Submer				Other		Non Port	:		
		traction Pur				Other: _			<		
				_							
T				· · ·							
Top of Scree	3:		If well	is listed as a	no-purge, c	onfirm th	at wate	r level i	is below	the top)
г			of scree	en. Otherwi	ise, the well	must be p	urged.				
			x bo	ail SPH							
	I Case Volu	inie (Gale)	· · ·	Specified Vo	lumes	Calar	lated Vo	Gals.	•		
<u> </u>					I I I I I I I I I I I I I I I I I I I			nume			
m:	Tama (Pr)		1	ductivity							
Time	Temp (°F)	pH	(m)	S or µS)	Gals. Rer	noved	Obser	rvation	s	<u> </u>	
		No	5 PIF	deteo							
			+	0.0100					<u> </u>	<u> </u>	
								•••			
							·····			· · · · · ·	
								<u></u>			
Did well o	lewater?	Yes	No		Gallons	actually	v evac	uated:	:		·.,
Sampling	Time:				Samplin	g Date:			•••• <u>•</u> ••• <u>•</u> ••	<u> </u>	
Sample I.	D.:				Laborate	-	Pace	Sequoi	a	Other	
Analyzed	for: g	RO BTEX 1	MTBE DRO	D Oxy's 1,2-D			Other:		,	<u> </u>	
D.O. (if r				Pre-purge	1	mg/L		ost-pur	'0 e ·		m
O.R.P. (if				Pre-purge	-	mV	· · ·	ost-pur			and the first state of the stat
	ech Serv		- 400		-			•	ge:		m

				· · · · · · · · · · · · · · · · · · ·				
BTS #: (060124	-JA-2		Station # (()	32			
Sampler:	DALBI	l		Date: 1/24	ويستر فالمتجار ومستحد فعندا المنتقل والمناه والمستعد فالمكافئ والم	₩₽1 <u>₽₽₩</u>		
Well I.D.:	MW-0	1		Well Diameter:	3 3 4	68		
Total Wel	l Depth:	11.38		Depth to Water:				
Depth to I	ree Produ	ct:		Thickness of Fi	ee Product (fee	et):		
Reference	d to:	PVC	Grade	D.O. Meter (if	rea'd):	YSI H	ACH	
	Well Diamete	r <u>y</u>			ultiplier			
	1"	_	0.04	4" 0	.65			
	2" 3"		0.16		.47			
	L		0.37		s ² + 0.163			
Purge Metho		Bailer		Sampling Method:	Bailer			
	Di	sposable Bail	er		Disposable Bailer			
	Positiv	e Air Displae	ement		Extraction Port			
	Elec	tric Submers	ible	Other:				
	E	straction Pum	ıp					
	Other:		-					
m ćo		1						
Top of Scree	:		If well is listed as	a no-purge, confirm	that water level is h	below the top		
			of screen. Otherw	ise, the well must be	purged.	_		
			210	วเป			٦	
	·	<u>.</u>	X Joy ()	<u> </u>	Gals.			
	1 Case Vol	ume (Gals.)	Specified Vo	olumes Cale	culated Volume			
			Conductivity				<u></u>	
Time	Temp (°F)	pН	(mS or µS)	Gals. Removed	Observations			
	p (-)	•		Gais. Removed	Observations			
	NO 9	71F J	eterded					
				- <u> </u>		<u> </u>		
		-147						
						······		
		······································		<u></u>				
						<u> </u>		
Did well	dewater?	Yes	No	Gallons actual	ly evacuated:		•••	
Sampling	Time:			Sampling Date				
Sample I	.D.:			Laboratory:	Pace Sequoia	Other_		
Analyzed	l for: c	IRO BTEX M	THE DRO OXY'S 1,2-I	CA EDB Ethanol	Other:			
D.O. (if 1	eq'd):		Pre-purge	mg/	Post-purge		^{mg} /	
O.R.P. (i	f req'd):		Pre-purge				m\	
Blaine 7	ech Sen	ricas Ind	c. 1680 Rone	rs Avo San L			111 1	

BTS #: 🔗	0124-	JAZ		Station # ((13	2.			
Sampler:	DA/BR			Date: 1/14/	àc			
Well I.D.:	MW-10			Well Diameter: 🔔 3 4 6 8				
Total Well	Depth:	1260	- <u> </u>	Depth to Water:				
Depth to F	ree Produ	ct:		Thickness of Fr	ree Product (feet):	****· <u></u>	
Reference	d to:	eve	Grade	D.O. Meter (if 1		YSI	HACH	
	Well Diamete	er V		Vell Diameter M	ultiplier		7	
	1" 2"		0.04 0.16	-	.65			
	3"		0.37		.47 s ² * 0.163			
Purge Metho	، لیست. م	Defler					1	
I arge wienith		Bailer	F	Sampling Method:				
		sposable Bail			Disposable Bail			
		e Air Displac			Extraction Pol	<u>r</u>		
		ctric Submers		Other:				
		xtraction Purr	•					
	Other:							
Top of Scree	n:		If well is listed as	a no-purge, confirm	that motor local	in 1 1	J	
10p 01			of porsen Otherw	iso the well must be	unat water tevel	is below i	the top	
ſ	· · · · · · · · · · · · · · · · · · ·		of screen. Otherw	ise, the well must be	purged.			
			x Bal SP	íł-				
	1 Case Vol	ume (Gals.)	Specified Ve		Gal	s.		
<u> </u>					culated Volume			
			Conductivity					
Time	Temp (°F)	pН	(mS or µS)	Gals. Removed	Observation	15		
	NO S	Plt deb	erd					
-							······································	
		- <u></u>			·····			
				1		<u>-</u>		
~			 				<u></u>	
Did well	dewater?	Yes	1 No	Gallons actual	lv evacuated			
					iy evacuated	L.	···	
Sampling	Time:			Sampling Date				
Sample I.	D.:			Laboratory.	Pace Seque	oia C	Other	
Analyzed	for: c	ORO BTEX M	ITBE DRO Oxy's 1,2-3	DCA BDB Ethanol	Other:			
D.O. (if r	eq'd):		Pre-purge	mg/	L Post-pu	rge:	mg	
O.R.P. (if			Pre-purge	e: mV	Post-pu	irge:	m	
- Risino T	och Son	AAAA Ind	0 4690 Domo	Area Cara I		4 4 4 4 4 4 4		

BTS #: 04	>0124-1	X2		Station # BP 11132					
Sampler:				Date: 1/24	الله				
Well I.D.:	Rw-	\$		Well Diameter: 2 3 4 6 8					
Total Well	Depth: -			Depth to Water: 13,22					
Depth to F	ree Produ	ct: 13.		· · · · · · · · · · · · · · · · · · ·	ee Product (feet):				
Referenced	l to:	/PVC)	Grade	D.O. Meter (if r		HACH			
<u></u>	Well Diamete	IT M	ultiplier V		ultiplier				
	" 2"		D.04 D.16		65				
	3"		0.37	- •	47 ² * 0.163				
Purge Method	l:	Bailer		Sampling Method:	Bailer	}			
		sposable Baile	r	Samping vienda.	Disposable Bailer				
	•	e Air Displace			Extraction Port				
	Elec	tric Submersi	ble	Other:					
		straction Pump	p						
	Other:								
Top of Screen	n:		If well is listed as a	a no-nurge confirm (that water level is below	the ton			
•			of screen. Otherwi	ise, the well must be	purged.	the top			
					parBoa.				
			x Bail SP		Gals.				
	1 Case Voh	ume (Gals.)	Specified Vo	lumes Calc	ulated Volume				
			Conductivity						
Time	Temp (°F)	pH	(mS or µS)	Gals. Removed	Observations				
				0.711					
		Bailed	55 ml	SPA		······································			
					·······				
	<u> </u>			l					
	· · · · · · - ·								
Did well a	tewater?	Yes	No	Gallons actual	ly evacuated:	······································			
Sampling	Time:			Sampling Date	:				
Sample I.	D.:			Laboratory:		Other			
Analyzed	for: c	RO BTEX M	IBE DRO Oxy's 1,2-I		-Qther:	~ uivi			
D.O. (if r			Pre-purge	719.		mg			
O.R.P. (if	req'd):		Pre-purge			m			
		licos Ind		rs Ave. San J					

WELL GAUGING DATA

Project # 060207-DA1 Date 217/06 Client BP 11/32 ... Site 3201 35th Are. Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)		Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
Mn-1	2		15.18	0.01	イ	15.19		Tac
MW-2	2					13.31	31.68	
Mn-3	2					11.64	34.40	
MW-4	ż					16.74	39.91	
MU-5	2					10.27	31.54	
MW-6	2					9.93	34.45	
MW-7	2			-		14.26	34.78	
MW-8	2		NO SPI	t deteu	red	10.73	38.80	
MW-9	2	1 - 1 - K				10.95	27.73	
MW-10	2	sheen	NO SPH	detect	ed	12.28	34.25	
RW-1	b		12.86	0.01	56	12.87		
					:-	×		
						·		
		 			-			

			and the second			
BTS #: 0	60207-	DAI		Station # BP 1	1132	
Sampler:	DA			Date: 2/7	106	
Well I.D.:	MW-1			Well Diameter:	(2) 3 4	6 8
Total Well	Depth:			Depth to Water:	15119	
Depth to F	ree Produc	t: 15.14	Ъ	Thickness of Fr	ee Product (feet)):0.01
Referenced	l to:	eve	Grade	D.O. Meter (if r	rea'd): v	SI HACH
······	Well Diameter	<u>N</u>	lultiplier <u>V</u>		ultiplier 1	
	1" 2"		0.04 0.16		65	
	3"		0.37		47 ² * 0.163	
Purge Method	l:	Bailer		Sampling Method:	Bailer	
		posable Baile	37	sounding themon:	Disposable Bailer	
		Air Displac			Extraction Port	
		tric Submersi		Other:		
	Ex	traction Pum	p			
	Other: _					
Top of Screer	1 :	•	If well is listed as a	no-purge confirm (hat water level is be	low the ton
- <u>r</u>	<u> </u>	<u> </u>	of screen. Otherwi	se, the well must be	nurged.	iow me roh
ſ	<u></u>			· · · · · · · · · · · · · · · · · · ·	Lar Pari	
			x BailsP	<u>H</u> =	Gals.	
	1 Case Volu	me (Gals.)	Specified Vo	lumes Calc	ulated Volume	
	T		Conductivity			
Time	Temp (°F)	pН	(mS or µS)	Gals. Removed	Observations	
			n '	0 5 8 4		
			Bailed 7	fmil STH		
	ļ					
			<u> </u>			
Did well o	lewater?	Yes	No	Gallons actual	ly evacuated:	•
Sampling	Time:			Sampling Date	: 217/06	· · · · · · · · · · · · · · · · · · ·
Sample I.	D.: M	.w-1		Laboratory:	Pace Sequoia	Other
Analyzed	for: g	RO BTEX M	TBE DRO Oxy's 1,2-I		Other:	
D.O. (if r	eq'd):		Pre-purge	.: ^{mg} /1	Post-purge:	mg
O.R.P. (if	req'd):		Pre-purge	» mV		m
Riaine T	och Som	ioos In	- 1680 Rode	re Ava San L		

BTS #: 🧷	060207	-PA/		Station #	BP	11132			<u></u>		
Sampler:	DA				2/7	_			<u></u>		·
Well I.D.:	: Mn-	- 2		Well Dian	neter:	0	3	4	6	8	
Total We	ll Depth:	31.6	8	Depth to V	Water	: 13	.31				
Depth to !	Free Produ	ıct:		Thickness				feet	:):		
Reference	ed to:	PVO	Grade.	D.O. Mete	er (if r	ea'd):		·· Y	(SI	F	HACH
	Well Diamet	ter j		/ell Diameter	M	ultiplier				<u>-</u>	
	14 2 ⁶		0.04 0.16	4" 6"		.65 .47					
	3"		0.37	Other		47 1 ² * 0.163					
Purge Metho	od:	Bailer		Sampling M	·····		ailer			4	
~		isposable Bail	er			Dispose		ler			
		ve Air Displac				=	tion Por				
	Ele	ctric Submers	ible		Other:						
		extraction Pum			-				-		
	Other:		····								
Ton of Scree	en:	-	If well is listed as a		-firm t	Lat wat	¹ oval	:- b o	* •I	•	
• • p • • • • • • • • • • • • • • • • •			of screen. Otherwi	on the well m	nnin i met he	nar wan	er levei	IS DC	low u	ne top	
l		<u> </u>	<u>)</u>	30, 110 9011 11		purgeu.			<u> </u>	<u></u>	
	2.0	1	x _ >	_ (8.7		Gals	2			
	1 Case Vol	ume (Gals.)	Specified Vo			ulated V					
			Conductivity								
Time	Temp (°F)	pН	(mS or us)	Gals. Rem	Aved	Ohee	rvation				
									<u> </u>		
1336	72.6	6.7	1617	3		Clea	<i>kr</i> , 00	dor			
1339	71.5	6.8	1786	6			h				
1341	70.4	6.7	i9728	9			13				
Did well	dewater?	Yes	<u>Ng</u>	Gallons a	ctuall	y evac	uated	: 9	;		
Sampling	; Time:	134	3	Sampling	Date	: 2	17/0	6		<u></u>	
Sample I.	.D.: M	w-2	,	Laborator	ry:	Pace	Sequo	ia	Oi	ther	
Analyzed	l for:	IRO BTEX M	TBE DRO <u>Oxy's 1,2-D</u>	CA EDB Ethans		Other:		·		· ····	
D.O. (if r	eq'd):		Pre-purge:		^{mg} /L	F	ost-pu	rge:			mg
O.R.P. (if	f req'd):	<u> </u>	Pre-purge:		mV	F	Post-pu	rge:		Westing Balance	۳۱
- Risian T	CAAB Sam	dooc lao	4600 Damen		-				in the second se		The second s

1

BTS #:	060207	-DA/		Station # $B P$	1/132					
Sampler:				Date: 21:						
Well I.D.	: Mn.	- 3		Well Diameter:		6 8				
Total We	ll Depth:	34.40		Depth to Water	: 11.64					
Depth to	Free Produ	ict:	<u> </u>	Thickness of Fi	ree Product (feet)):				
Reference	ed to:	evo	Grade,	D.O. Meter (if						
	Well Diame	ter l		Vell Diameter M	fultiplier					
	1" 2"		0.04 0.16).65 .47					
	3ª		0.37	•						
Purge Metho	od:	Bailer		Other radius ² + 0.163 Sampling Method: Bailer \checkmark Disposable Bailer Extraction Port Other: a no-purge, confirm that water level is below the top vise, the well must be purged.						
		isposable Bail	er	• •						
	_	ve Air Displac		Extraction Port						
		ctric Submers		Other						
		xtraction Pur		Other:						
			-							
	Other.	<u> </u>								
Top of Scree	en:		If well is listed as a	no-purge, confirm	that water level is bel	ow the top				
			of screen. Otherwi	se, the well must be	purged.					
	-	*	······································							
	3	- 0	x5	=	10.8 Gals.					
	1 Case Vol	ume (Gals.)	Specified Vo	lumes Calc	ulated Volume					
			Conductivity							
Time	Temp (°F)	pН	(mS or (AS)	Cala Damas						
1 11110	101110(1)	pn	(1115 01 (43)	Gals. Removed	Observations					
1314	71.1	7.1	566	4	tan, cloudy	,				
1318	70.8	7.1	541	&	۴ ۶					
1321	70.6	7.1	543	1(, t					
Did well	dewater?	Yes (N	Gallons actuall	y evacuated:	۱				
Sampling	; Time:	1323		Sampling Date	: 217/06					
Sample I	.D.: Mv	v- 3		Laboratory:	Pace Sequora	Other				
Analyzed	l for: c	IRO BTEX M	19E DRO <u>Qxy's 1.2-D</u>	CA_EDB_Ethanol_	Other:					
D.O. (if r	req'd):		Pre-purge	^{mg} /L	Post-purge:	mg/L				
O.R.P. (i			Pre-purge		Post-purge:	mV				
513100	Igen Son	ncae ing		m Alla Cam L		1 4 4 4 4 4				

!

BTS #:	160207	-PAI		Station # BP	11152	······································
Sampler:	PA			Date: 2/7		· · · · · · · · · · · · · · · · · · ·
Well I.D.:	Mw-	4		Well Diameter:	(2) 3 4	68
Total Wel	l Depth:	39.91		Depth to Water	: 16.74	
Depth to l	Free Produ	ct:		Thickness of Fi	ree Product (feet	t):
Reference	d to:	PVC	Grade	D.O. Meter (if	req'd):	I HACH
	Well Diamete		<u>1ultiplier W</u>	ell Diameter De M	lultiplier_	
	1ª 2º		0.04 0.16	4" 0	.65 .47	
	2" 3"		0.18	-	.47 s ² * 0.163	
Purge Metho		Bailer		Sampling Method:	**************************************	·····
I MIGO MICUIU		sposable Baile	37	• •	Baller Disposable Bailer	
		e Air Displac		~	Extraction Port	
		tric Submersi		Other		
		straction Purn			<u> </u>	
			•			
Top of Sara						. .
Top of Sciet	en:				that water level is be	•
	ſ	·		se, the well must be	purgeo.	· .
	3	.7	x 3	=	Gals.	
	1 Case Volu	ume (Gals.)	Specified Vo	lumes Calo	culated Volume	
		l	Conductivity			
Time	Temp (°F)	pН		Gals. Removed	Observations	
1255	69.2	6.9	650	4	dear clau	dus, Jan
1258	69.4	6.9	771	B	۰ ۲ ۲	
1301	69.1	6.9	793	11.5	11	
		-	· ·			
Did well	dewater?	Yes	No	Gallons actual	ly evacuated: 7	h.5
Sampling	; Time:	1303	······································	Sampling Date	· · · · · · · · · · · · · · · · · · ·	
Sample I	.D.: MW			Laboratory:	Pace Seguoia	> Other
Analyzed	l for: c	IBO BTEX M	1'BEDRO <u>Oxy's 1.2-</u> D	CA-EDB-Ethenol	Other:	·····
D.O. (if 1	req'd):	**************************************	Pre-purge	: mg/l	Post-purge:	mg
O.R.P. (i	f req'd):		Pre-purge	: mV	Post-purge:	m
Riaine 1	Fach Son	licas Ind	1680 Pore	s Ave. San J		(108) 572 AFEE

BTS #:	060207-0)A)		Station # BP	11132	· · · · · · · · · · · · · · · · · · ·			
Sampler:				Date: 2/7-	· · · · · · · · · · · · · · · · · · ·				
Well I.D.	: Mh	,-5		Well Diameter		68			
Total We	ll Depth:	31.54		Depth to Water	: 10.27				
Depth to	Free Produ	ict:		Thickness of F		et):	•••		
Reference	ed to:	PVC	Grade	D.O. Meter (if	····	· · · · · · · · · · · · · · · · · · ·	НАСН		
	Well Diame	ler			lultiplier				
	1" 2"		0.04 0.16).65 .47				
	3"		0.37		.47 s ² * 0.163				
Purge Meth	od:	Bailer	······································	Sampling Method:		$\frac{7}{YSI}$ $\frac{YSI}{HACH}$ Bailer Port Vel is below the top Dals. e ions following odor ed: $fo, 5$ but uoia Other			
0		isposable Bai	ler		Disposable Bailer				
		ve Air Displac		~	Extraction Port	(feet): YSI HACH VSI HACH			
	•	ctric Submers		Other					
	E	xtraction Pun	10	0					
		······	•						
Too of Seres				_					
Top of Sere	en:		If well is listed as a	no-purge, confirm	that water level is b	elow the to	p		
	· ·····		of screen. Otherwi	se, the well must be	purged.				
	3.	Ч	, 3	10). 2- Gals				
		ume (Gals.)	X Specified Vo						
· · · · · · · · · · · · · · · · · · ·					ulated Volume				
	<i>a</i> (17)		Conductivity						
Time	Temp (°F)	pH	(mS or as)	Gals. Removed	Observations				
1123	65.8	6.7	1590	3.5	grey, clos	idu, odo	Y		
1126	65.9	6.7	1641	7	1)				
1129	66.0	6.7	1646	10.5	91				
Did well	dewater?	Yes	6	Gallons actual	y evacuated: /	0,5	· ·		
Sampling	g Time:	1131	*	Sampling Date	: 217/06				
Sample I	.D.: M	N- <u>5</u>		Laboratory:	Pace Sequoia	Other_			
Analyzed	l for: G	RO BTRX M	TRE DRO Oxy's 1,2-DO	CA BDB Fillignol	Other:	· · · · · · · · · · · · · · · · · · ·			
D.O. (if r	eq'd):		Pre-purge:	^{mg} /L	Post-purge:		mg/L		
O.R.P. (i			Pre-purge:	mV	Post-purge:		mV		
- Rigino 1	Tach San	inen Ima	4000 0	_					

BTS #: (060207	-PAI		Station # BP	11132				
Sampler:	DA								
Well I.D.	: Mw-1				<u></u>	68			
Total We	ll Depth:	34.45	-	Depth to Water	: 9.92	<u></u>			
Depth to 1	Free Produ	ct:		Thickness of Fi		t):			
Reference	ed to:	(FVQ	Grade	D.O. Meter (if)	req'd):	YSI	НАСН		
	Well Diamet	et V				 			
	1" 2"		0.04						
	30		0.37						
Purge Metho	od:	Bailer	.	· · · · · · · · · · · · · · · · · · ·					
		sposable Bail	er.	Well Diameter: (2) 3 4 6 8 Depth to Water: 9.93 Thickness of Free Product (feet): D.O. Meter (if req'd): YSI HACH Well Diameter 4" 0.65 6" 147 Other radius ² * 0.163 Sampling Method: Bailer Extraction Port Other: Calculated Volume * 0.1.7 Gals. Removed Observations Y Cloudy, tan % 12 Gallons actually evacuated: 12 Sampling Date: 2/7/0b Laboratory: Pace Section Other: Other:					
		e Air Displac			•				
		tric Submers		Other					
	F .			Ouldi,	sume as put	ge			
	Other:	578" 10	ing of check	-	`	5			
	- 11	No.	ave						
Top of Scree	:n:		IT well is listed as a	i no-purge, confirm		elow the top	P		
			of screen. Otherwi	se, the well must be	purged.				
	2.9			۲ <i>۲</i> ۲	<u> </u>]		
			x <u>'S</u>		J. Oais.		1		
	1 Case Volu	ime (Gals.)	Specified Vo	lumes Calc	ulated Volume				
			Conductivity		······································				
Time	Temp (°F)	pН	(mS or μ S)	Gals. Removed	Observations				
0949	66-9	7.4	560			~			
0953	67.1	7.2	5Sb	······					
0957	67.4	7.1	553	the second se		- <u>-</u>			
<u>, 1 – – – – – – – – – – – – – – – – – – </u>			well was	partially o	arked only				
		•4			strikes over				
Did well	dewater?	Yes	¢۵	Gallons actual	y evacuated: 1	 ι	· .		
Sampling	Time:	0959					<u></u>		
Sample I.	D.: Mu	N-6				Other_			
Analyzed	for: g	RO BTEX M	LBE DRO <u>Qxy's 1,2-D</u>						
D.O. (if r	eq'd):		Pre-purge	mg/L	Post-purge:		^{mg} /1		
O.R.P. (i	. .	· · · · · · · · · · · · · · · · · · ·	Pre-purge	: mV	Post-purge:		mV		
	ach Sam		4000						

BTS #:	060207	·· DAI		Station #	BPILI	32		<u> </u>			
Sampler:	OA			Date:	21	7/0	0	·			
Well I.D.:	MN	1		Well Dia	neter:	Ø	3	4	6	8	
Total Wel	l Depth:	34.78		Depth to	Water:	14:	26	•••••••••••••••••••••••••••••••••••••••			
Depth to I	Free Produ	ict:		Thicknes	of Fre	e Pro	duct	(feet):		
Reference	d to:	FVQ	Grade	D.O. Met	er (if re	eq'd):		Y	SI		HACH
	Well Diamet 1" 2" 3"	<u>er</u> į	Multiplier y 0.04 0.16 0.37	<u>Vell Diameter</u> 4" 6" Other	<u>Mu</u> 0.6 1.4 radius ²						
Purge Metho	ıd:	Bailer		Sampling M			ailer				
	Y Positiv Elec E	isposable Bail ve Air Displac etric Submers xtraction Pun	ement ible			Disposa Extrac	ble Bai tion Po				
Top of Scree		·····	If well is listed as a of screen. Otherwi					l is be	low t	he top	
	3. 1 Case Volu	x <u>3</u> Specified Vo	= olumes	<u> </u>	7 lated Vo	Gal olume	s.				
Time	Temp (°F)	pH	Conductivity (mS or AS)	Gals. Ren	loved	Obse	rvatio	ns			
1031	66.3	6.8	1069	3.5		gre	4,0	loud	1		- <u></u>
1034	65.5	7.1	1045	7			ET.				
1037	65.4	7.3	1048	10			; T				
Did well o	dewater?	Yes	<u>N9</u>	Gallons a	ictually	v evac	uated	l: 10			
Sampling	Time:	1039		Sampling	g Date:	2]·	7 /01	0			
Sample I.	D.: Mr	-7		Laborato	ry: 1	Pace	Seque) 22a	0	ther	
Analyzed	for: a	RO BTEX M	TBE DRO Oxy's 1,2-D	CA EDB Etita		Other:					
D.O. (if r	eq'd):		Pre-purge	:	mg/L	P	ost-pu	irge:			mg/
O.R.P. (if			Pre-purge	:	mV	P	ost-pi	urge:			m۱

BTS #:	060207	DAI		Station #	BPI	1132	<u> </u>			<u>_</u>	
Sampler:					217						
Well I.D.	: MW-8	·····		Well Dian			3	4	6	8	
Total We	ll Depth:	38.80		Depth to V	Vater	: 10	173				
Depth to	Free Produ	ict:		Thickness				(fee	::		
Reference	ed to:	PVO	Grade.	D.O. Mete					· ·	<u>ម</u>	ACH
	Well Diame	ler	<u>Multiplier</u> W	ell Diameter		ultiplier	<u></u>				
	1" 2"		0.04	4 ¹¹	0.	65					
	3"		0.16	6"		47					
			0.37	Other	radius	* * 0.163				_	
Purge Metho		Bailer		Sampling Me	ethod:	B	lailer				
	D	isposable Bai	ler		×	Dispos	able Bai	t (feet): YSI HACH Pailer Port rel is below the top als. ons odor, cloudy cloudy cloudy purge: rg/l			
۰.		ve Air Displa	cement			-	ction Po				
× *	Ele	ctric Submers	ible	(Other:						
	E	xtraction Pun	an					·,			
		·····	•								
		······									
Top of Scree	en:		If well is listed as a	no-purge, co	nfirm t	hat wat	er leve	l is b	elow t	he ton	
			of screen. Otherwi	se, the well m	ust be	nurged				F	
			· · · · · · · · · · · · · · · · · · ·			<u>r</u>					
	4.	5	x S	=	17.	5	Gal	I			
	1 Case Vol	ume (Gals.)	Specified Vo	humes	Calc	ulated V		15.			
	L		_				Viuille				
_	[Conductivity								
Time	Temp (°F)	pH	(mS or (mS))	Gals. Remo	oved	Obse	rvation	ns			
1054	65.2	6.7	1347	4.5		gre	7,0	do	r, c	loud	14
1058	65.8	6.7	1442	9		v	ų		<i>j</i>		
1102	66.2	6.6	1444	13.5	-))				
Did well	dewater?	Yes	N	Gallons ad	ctuall	y evac	uated	 I:	13.5		·····
Sampling	; Time:		104	Sampling			17/0		12.2		
Sample I.	.D.: M(Laborator		Pace		~		ther	
Analyzed		RO BTEX M	TBE DRO Oxy's 1,2-DO			Other:	<u></u>				
D.O. (if r	req'd):	Pre-purge:	· · · · · · · · · · · · · · · · · · ·	^{mg} /L		ost-pu	rge:			^{mg} /	
O.R.P. (ii	R.P. (if req'd): Pre-purg				mV		ost-pu				m۱
Plaine T	Tach Son		4600 Demon	L.,		L	- F *				

<u> </u>						
BTS #:	060207	7-DA1		Station #BP	11/32	
Sampler:		DA'			17/06	
Well I.D.	: MW-9			Well Diamete	er: ② 3 4	68
Total We	ll Depth:	27.7	3	Depth to Wat	ter: 10.95	
Depth to 1	Free Produ	ict:		Thickness of	Free Product (fe	et):
Reference	ed to:	eve	Grade	D.O. Meter (i		
L	Well Diamet			/ell Diameter	Multiplier	YSI HACH
	1" 2"		0.04	4 ¹⁾	0.65	
	3"		0.16 0.37	6" Other ra	1.47 dius ² * 0.163	
Purge Metho	od:	Bailer	· · · · · · · · · · · · · · · · · · ·	Sampling Metho		
		isposable Bai	ler	Samping Menio	XDisposable Bailer	
		ve Air Displa			Extraction Port	
		ctric Submer		Othe	Example 1 of 1	
	E	xtraction Pur	np			
	Other:					
Top of Scree	en:		If well is listed as a			
rob of point	×13.	,	of screen. Otherwi	se the well must	m that water level is l	below the top
			•	se, ale wen must	be purgeu.	
	2.	7	x 3	=	S, Gals.	
	1 Case Vol	ume (Gals.)	Specified Vo	lumes C	Calculated Volume	
		<u></u>	Conductivity		1	
Time	Temp (°F)	pH	(mS or (S)	Gals. Remove	d Observations	
1233	675	6.9	1091	3	grey, clade	1, odor, sheen
1236	68.1	6.9	1093	6	"	
1239	68.6	6.9	1090	8.5	13	
					,'	
						······································
Did well	dewater?	Yes	<u>89</u>	Gallons actu	ally evacuated:	8.5
Sampling	; Time:	17	241	Sampling Da	ite: 2/7/06	
Sample I	.D.: <u>M</u>	N-9	······	Laboratory:	Pace Sequoia	Other
Analyzed	l for:	RO BTEX M	TBE DRO Oxy's 1,2-D	CA EDB Ethanol	Other:	
D.O. (if r	eq'd):		Pre-purge:	តា	^g / _L Post-purge	: ^{mg} /L
O.R.P. (i			Pre-purge:	m	V Post-purge	: mV
Dialma 7	Tash San	linne In	- 4600 Barrer			

BTS #: 0	60207-	DA1		Station # βP	11132		
Sampler:				Date: 2/7			
Well I.D.	: MW	-10	································	Well Diameter	: 2 3 4	6	8
Total We	ll Depth:	34.25		Depth to Water	r: 12.28		
Depth to 1	Free Produ	ict:		Thickness of F		eet):	
Reference	ed to:	(PV)	Grade	D.O. Meter (if	req'd):	YSI	HACH
	Well Diamet	er j		/ell Diameter A	Aultiplier		
]" 2"		0.04 0.16		0.65 1.47		
	3"		0.37	+	us ¹ + 0.163		
Purge Metho	od:	Bailer		Sampling Method:		J	
-		isposable Bail	er	• •	Disposable Bailer		
		e Air Displac		, .	\sim Extraction Port		
	Ele	ctric Submers	ible	Other:	1		
	E	xtraction Purr	ıp				
	Other:	<u></u>					
Top of Scree	en:	•			<i></i>		
rop or Sorce	~li		If well is listed as a			below the	; top
	ſ <u></u>		of screen. Otherwi	se, the well must be	e purged.		
	3.5	-	x S	_ /	0.5 Gals.		
	1 Case Vol	ume (Gals.)	Specified Vo		culated Volume		
			Conductivity		1]
Time	Temp (°F)						
1 mic	Tomp (T)	pH	(mS or as)	Gals. Removed	Observations		
1200	b3.8	6.9	1305	3.5	clear,	sheer	<u> </u>
1203	64.8	6.8	IUD	7	11		
1207	65.1	6.4	11/2	10.5	18		

		L					
Did well	dewater?	Yes	Ro	Gallons actual	ly evacuated:	10.5	· · ·
Sampling	Time:	1200	1	Sampling Date	: 2/7/06		
Sample I.	D.: /	Iw-10		Laboratory:	Pace Sequola	Oth	er
Analyzed	for: o	RO BTEX M	TBE DRO Oxy's 1,2-D		Other:		
D.O. (if r	eq'd):		Pre-purge:	mg/	L Post-purg	e:	mg
O.R.P. (if	f req'd):		Pre-purge	: mV	Post-purg	e:	m
LINING T		Maaa Iwa				the second se	the second se

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BTS #:	060207	-RAI	· · · · · · · · · · · · · · · · · · ·	Station #	SP 11132		
Sampler:	DA			Date:	2/7/06		·····
Well I.D.	: R	N-1	·····	Well Diamet		4 (6)	8
Total We	ll Depth:			Depth to Wa	ter: 12.87		
Depth to 2	Free Produ	ict: 17.	8b		Free Product (1	feet): Ø	DI
Reference	ed to:	EVO	Grade	D.O. Meter (YSI	HACH
Purge Metho	<u>Well Diamet</u> 1" 2" 3"		Auttiplier V 0.04 0.16 0.37		<u>Multiplier</u> 0.65 1.47 adius ² + 0.163		
rurge Meine	∽∕Di Positiv Ele¢ E	Bailer sposable Baile e Air Displac stric Submersi xtraction Pum	ement ble	Sampling Metho Oth	d: Bailer Disposable Baile Extraction Port er:		
Top of Scree	n: 1 Case Volt	<u></u>	If well is listed as a of screen. Otherwi x Specified Vo Conductivity	se, the well must H =	The that water level i be purged. Gals. Calculated Volume	. <u></u>	le top
Time	Temp (°F)	pH	(mS or pS) 56 ml SP	Gals. Remove	d Observations		
Did well	dewater?	Yes	No	Gallons actu	ally evacuated:		
Sampling	Time:			Sampling Da	ate: 2/7/06		· · · · · · · · · · · · · · · · · · ·
Sample I.	D.: Rw	۱ - د		Laboratory:	Pace Seque		her
Analyzed	for: g	RO BTEX MI	BE DRO Oxy's 1,2-D	CA EDB Ethagol	Other:		
D.O. (if r	eq'd):		Pre-purge:	Π	Post-purg	ge:	mg/
O.R.P. (if			Pre-purge		NV Post-pur	36:	m۷

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BP GEM OIL COMPANY TYPE A BILL OF LADING

BILL OF LADING FOR NON-RECORD SOURCE PURGEWATER FROM RECOVERED HAZARDOUS 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; 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:

BP 11132 Station # 3201 35 MAVE. Oakland, CA Station Address Total Gallons Collected From Groundwater Monitoring Wells: 87.5 added equip. 5 any other adjustments rinse water BTS vehicle # 49 TOTAL GALS. RECOVERED 72.5 date BTS event # time 060207.04, 1415 2,7,06 signature David Allbut REC'D AT date time unloaded by signature

WELL GAUGING DATA

Project # 000330.9C2 Date 3/30/06 Client BP 11/32

Site 3201 35th Ave., Oakland

			r						
		Í		Thickness	Volume of				
	Well		Depth to	of	Immiscibles			Survey	
	Size	Sheen /	Immiscible			Depth to water	Depth to well	Point: TOB	
Well ID	(in.)	Odor	Liquid (ft.)	Liquid (ft.)	(ml)	(ft.)	bottom (ft.)	or TOC	
	-	odor							
MW	2	NOST	1 detect	e.		13.61		TUC	15PH
	2	10 r	•1)	
MW-B						9.82			Tr.
	_		N 1 2 2 2	i i					
MW-9	2	Nos	PH dete	ded		10.10			Tr.
	2	1 ¹ 1	۰ ر <i>ز</i>			: 			
MW-10		<u>[</u>				11.72			Tr.
	1.	i i	1110		114			J	
RW-1	6	0 dos	11.16	0.02	Hip	11.20			134.
		Man Internet Man							
			3						
		<u> </u>						<u> </u>	
		1		·					
			3						
		<u> </u>					<u>-</u>		
· · · · · ·		<u>1</u>	<u> </u>	<u> </u>	<u>.</u>		<u>}</u>		
		<u> </u>	1	<u> </u>	· · · · ·		1	<u> </u>	1
			<u> </u>	 	<u>}</u>	1			}
	<u> </u>	<u> </u>	<u> </u>			<u> </u>		<u> </u>	<u> </u>
	<u> </u>	1	<u> </u>		 	1	<u>}</u>	1	
l	I	<u> </u>	<u> </u>	J	[1	L

r										
BTS #: 0	0330-PCZ			Station # BP 11132						
Sampler:				Date: 3/30/06						
Well I.D.	MW-1		· · · · · · · · · · · · · · · · · · ·	Well Diameter: 2) 3 4 6 8 Depth to Water: 13.60						
Total We	ll Depth:									
Depth to]	Free Produc	t: ,		Thickness of Free Product (feet):						
Reference	ed to:	PVG	Grade	D.O. Meter (if req'd): YSI HACH						
Purge Metho	Disp Positive Electr	Bailer Posable Bai Air Displa ic Submer raction Pur	0.04 0.16 0.37 iler icement sible	Velt Diameter 4" 6" Other Sampling Met	<u>Multiplier</u> 0.65 1.47 radius ² * 0.163 hod: Dispo					
Top of Scree		ie (Gals.)	If well is listed as a of screen. Otherwi X Specified Vo	ise, the well mus	firm that was the purged of th	lGals.	elow tł	ne top		
Time	Temp (°F)	рН	Conductivity (mS or µS) NO SPH de t	Gals. Remov ected		ervations				
Did well o		es	No	Gallons act	ually eva	cuated:		· .		
Sampling	Time:			Sampling D	ate:					
Sample I.	D.:	\square		Laboratory:	Pace	Sequoia	Oti	her		
Analyzed	for: ORO	BTEX M	TBE DRO Oxy's 1,2-D		Other	:				
D.O. (if re	eq'd):		Pre-purge:	\Box	^{mg} /L	Post-purge:		mg/1		
O.R.P. (if			Pre-purge:		mV j	Post-purge:		mV		
biaine T	ech Servic	es In/	- 1680 Roger	Aug Car						

·····		<u></u>								
BTS #: 👦	00330.PCZ	,	_	Station # BP 1132						
Sampler:				Date: 3 3 06						
Well I.D.:	MW-B			Well Diameter: (2) 3 4 6 8						
Total Wel		**		Depth to Water: 982						
Depth to I	Free Produc	t: -				 et)•				
Reference	d to:	PVÈ	Grade	Thickness of Free Product (feet):D.O. Meter (if req'd):YSIHACH						
	Well Diameter			the second se	lultiplier		HACH			
	1" 2"		0.04 0.16	4" O).65					
	3"		0.10	6" 1.47 Other radius ² * 0.163						
Purge Metho	d.	Bailer				_				
- u.gooo		osable Bai	ler	Sampling Method:						
	-	Air Displa			Disposable Bailer					
		ric Submers		Extraction Port Other:						
		raction Pun		Certer.						
	Other:									
Top of Scree			If well is listed as	a no-purge, confirm	that water level is b	elow the	top			
		. <u> </u>	of screen. Otherw	ise, the well must be	purged.		1-			
			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·]			
			X		Gals.					
	I Case Volun	ne (Gals.)	Specified Vo	olumes Calc	culated Volume					
			Conductivity							
Time	Temp (°F)	pH	(mS or µS)	Gals. Removed	Observations					
			NOSPH dote	tel						
							·····			
		den el en en experi de 								
						.				
Did well o	iewater? Y	es	No	Gallons actual	y evacuated:		<u>. </u>			
Sampling	Time:			Sampling Date			<u> </u>			
Sample I.	D.:	/		Laboratory:	Pace Sequoia	Othe	<u></u>			
Analyzed	for: Gree	BTEX M	TBE DRO Oxy's 1,2-D	CA BDB Ethanol	Other:		A			
D.O. (if re	eq'd):		Pre-purge				^{mg} /			
O.R.P. (if	req'd):	·····	Pre-purge				mV			
Blaine T	och Sonie	ros Ind	- 1680 Ponor			L	111 V			

BTS #·				Station #			i	······	^
BTS #: 06	Station # BP 11132								
Sampler:	<u> </u>		Date: 3/30/06						
Well I.D.:	MW.9		Well Diam	eter: 🖉	\$ 3	4	6	8	
Total Well	Depth: -		Depth to Water: 10.10 Thickness of Free Product (feet):						
Depth to F	ree Produc	t:							
Referenced	l to:	Ŵ	D.O. Meter				Ý	HACH	
	Well Diameter			Vell Diameter	Multipl		<u> </u>	<u></u>	
	2°		0.04 0.16	4" 6"	0.65 1.47				
	3"		0.37	Other	radius ² * 0.	.163			
Purge Method	1:	Bailer		Sampling Met		Bailer			1
2		posable Ba	iler	Disposable Bailer					
	-	Air Displa	r			xtraction P	and the second s		
	Elect	ric Submer	sible	0	ther:		•••		
	Ext	traction Put	mp						
	Other: _			/					
Top of Screen	n. (If well is listed as a		firm that	tenton law	-1 :- 1.		
	•••		of screen. Otherws	ise the well m	net he nur	water leve	21 IS DO	elow t	ne top
Г		•••••			ust be pui	geu.			
			X	=		G	als,		
	1 Case Volu	me (Gals.)	Specified Vo	olumes	Calculate	ed Volume			
			Conductivity						
Time	Temp (°F)	pН	(mS or µS)	Gals. Remo	ved C	bservatio	ons		
			NO SPH J	etected					,,,,,,,
				- are				<u> </u>	
			·					·	
			_				··		
ļ		<u>.</u>			····				
							<u></u>		
Did well d	lewater?	Yes	No	Gallons ac	tually e	vacuate	d:		
Sampling	Time:			Sampling	Date:	/		•••	
Sample I.I	D.:	/		Laboratory	y: Part	e Sequ	ioia	0	ther
Analyzed	for: GR	O BTEX 1	MTBE DRO Oxy's 1,2-D	CA EDB Ethanol		her:			
D.O. (if re	:q'd):		Pre-purge		mg/L	Post-p	urge:		mį
O.R.P. (if	req'd):		Pre-purge	*	mV	Post-p			m
Blaine T	och Soni	coe In	c. 1680 Roger	CAVA Sa					

BTS #: 🔊	Station # 1/32									
Sampler:			Date: 3/30/06							
Well I.D.:	Mw-10	Well Diameter: \hat{Q} 3 4 6 8								
Total Wel	l Depth:	Depth to W	Vater:	1.72						
Depth to I	Free Produ	ct: -	Thickness of Free Product (feet):							
Reference	d to:	D.O. Meter (if req'd): YSI HACH						CH		
	Well Diamete	ц Т		Vell Diameter	Multipli			****	1	
	2 ⁿ		0.04 0.16	4" 6"	0.65 1.47					
	3"		0.37	Other	radius ² * 0.	163				
Purge Metho	d.	Bailer					***********		L	
1		sposable Bai	la r	Sampling Me		Bailer				
		e Air Displa				posable Ba				
		•				straction Pe	ort			
		tric Submer		C	Other.	·····				
		traction Pur	np	/	/					
	Other:	<u> </u>	, ,							
Top of Scree	n:		If well is listed as a		ofirm that	water lave	Jiah		h	
•			of screen. Otherw	ise the well m	uet he nur	water ieve	1 15 0	CIOW L	ne top	
	//			ise, the well hi	usi be purg	scu.				7
			x	_		0	•			
	1 Case Volu	me (Gals.)	Specified Ve		Calaulata	Ga d Volume	ils.			
			_	1]
			Conductivity							
Time	Temp (°F)	pH	(mS or µS)	Gals. Remo	oved O	bservatio	ns			
			NOSFH J	eterte	1		·			
						<u>_</u>	<u>. </u>		<u> </u>	
				<u> </u>					·····	
				<u> </u>		·····			······	
			· · · · · · · · · · · · · · · · · · ·							
Did well	dawatan?	Var		Call		<u> </u>		~		
		Yes	No	Gallons ac	ctually e	vacuate	d:			-
Sampling	Time:			Sampling	Date:					
Sample I.	D.:			Laborator	y: Pac	e Sequ	oia	0	ther	
Analyzed	for:	RO BTEX M	ITBE DRO Oxy's 1,2-D	ICA EDB Ethanol	Oth	ier:			······································	
D.O. (if r	eq'd):		Pre-purge		^{mg} /L	Post-p	urge:			^{mg} /
O.R.P. (if			Pre-purge		mV	Post-p	urge:			m\
Blaino T	ech Serv	loog In	- 1690 Baras	- A 0-			_	<u> </u>		

BTS #: 676	0°330.10	2	Station # BP (132						
Sampler:				Date: 3/30/06					
Well I.D.:	RW.1		- <u> </u>	Well Diameter: 6 3 4 6 8					
Total Well	Depth: -	 	Depth to V						
Depth to F	ree Produ	ct: [].]@)	Thickness of Free Product (feet): D.O. Meter (if req'd): YSI HACH					
Reference		PVC	Grade.						
	Well Diamete	ä T		Vell Diameter	Multiplic	the second s			
	1" 2"		0.04 0.16	4" 6"	0.65 1.47				
	3"		0.37	Other	radius ² + 0.1	63			
Purge Method	1:	Bailer		Sampling Me		Bailer			
		Disposable Bailer				posable Bailer			
		e Air Displa				traction Port			
		tric Submers		C	Other:				
		<pre>ktraction Pur</pre>				<u></u>			
			-						
т. <u>со</u>		•							
Top of Screen	n:	······································	If well is listed as	a no-purge, co	nfirm that v	vater level is t	below the	e top	
г			of screen. Otherw	ise, the well m	ust be purg	ed			
					•				
	1 Case Volu	ima (Gala)	X		<u></u>	Gals.			
		ine (Gais.)	Specified Vo	olumes	Calculate	d Volume			
			Conductivity						
Time	Temp (°F)	pH	$(mS \text{ or } \mu S)$	Gals. Remo	oved O	oservations			
			No SPH deter	tel p					
			114ml SPH		ed				
								······································	
		·····	1						
		۰.	1			······			
Did well o	lewater?	Yes	No	Gallons ad	ctually ex	vacuated.	<u></u>		
						actualed.			
Sampling		/		Sampling	Date:		·	·	
Sample I.	D.:			Laborator	y: Pace	e Sequoia	Oth	ier	
Analyzed		RO BTEX N	ATBE DRO Oxy's 1,2-[CA EDB Eshapo		er:		·	
D.O. (if re	eq'd):		Pre-purge		^{mg} /L	Post-purge		mg	
O.R.P. (if		<u>,, , , , , , , , , , , , , , , , , , ,</u>	Pre-purge		mV	Post-purge		m۱	
Blaine T	ech Serv	ices. In	c. 1680 Roge	ANO ST	In loss	CA 0544	1400		

3-0055

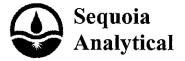
ATTACHMENT B

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.



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

24 February, 2006

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

RE: BP Heritage #11132, Oakland, CA Work Order: MPB0480

Enclosed are the results of analyses for samples received by the laboratory on 02/07/06 18:05. 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.

Page 1 of 14



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi								
ANALYTICAL REPORT FOR SAMPLES									
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received					
MW-2	MPB0480-01	Water	02/07/06 13:43	02/07/06 18:05					
MW-3	MPB0480-02	Water	02/07/06 13:23	02/07/06 18:05					
MW-4	MPB0480-03	Water	02/07/06 13:03	02/07/06 18:05					
MW-5	MPB0480-04	Water	02/07/06 11:31	02/07/06 18:05					
MW-6	MPB0480-05	Water	02/07/06 09:59	02/07/06 18:05					
MW-7	MPB0480-06	Water	02/07/06 10:39	02/07/06 18:05					
MW-8	MPB0480-07	Water	02/07/06 11:04	02/07/06 18:05					
MW-9	MPB0480-08	Water	02/07/06 12:41	02/07/06 18:05					
MW-10	MPB0480-09	Water	02/07/06 12:09	02/07/06 18:05					
TB-11132-02072006	MPB0480-10	Water	02/07/06 00:00	02/07/06 18:05					

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.

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612		Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi							
	Volatile Organ	nic Com	pound	s by EPA	A Metho	od 8260]	В		
	Sequ	ioia Ana	lytical	- Morg	an Hill				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-2 (MPB0480-01) Water Sai	mpled: 02/07/06 13:43	Received:	02/07/06	18:05					
tert-Amyl methyl ether	ND	100	ug/l	200	6B16012	02/16/06	02/17/06	EPA 8260B	
Benzene	8900	100	U	11	н	**	ч	11	
tert-Butyl alcohol	ND	4000	н	**	'n	**	н	"	
Di-isopropyl ether	ND	100	0	"	"	**	н	"	
1,2-Dibromoethane (EDB)	ND	100	п	n	**	**	ч	"	
1,2-Dichloroethane	160	100	п	11	n	**	н	**	
Ethanol	ND	60000	n	"	"	**	н	"	
Ethyl tert-butyl ether	ND	100	"	"	**	**		**	
Ethylbenzene	3600	100	11	n	n	н	H	F#	
Methyl tert-butyl ether	440	100	11	11	11	łr	п	n	
Toluene	5800	100	11	u	n	н	н	tr	
Xylenes (total)	14000	100	"		11	н	n	"	
Gasoline Range Organics (C4-C12	2) 74000	10000	11	U	19	н	н	n	
Surrogate: 1,2-Dichloroethane-d4		104 %	60-	135	"	"	"	"	
MW-3 (MPB0480-02) Water Sar	mpled: 02/07/06 13:23	Received:	02/07/06	18:05					
tert-Amyl methyl ether	ND	0.50	ug/l	1	6B16012	02/16/06	02/17/06	EPA 8260B	
Benzene	ND	0.50	"	11	11	"	"	IJ	
tert-Butyl alcohol	ND	20	**	n	н	11	"	n	
Di-isopropyl ether	ND	0.50	**	н		"	n	11	
1,2-Dibromoethane (EDB)	ND	0.50	**	11	n	"	H	**	
1,2-Dichloroethane	ND	0.50	п	"	ν	**	н	"	
Ethanol	ND	300	tr	n	17	**	u	**	
Ethyl tert-butyl ether	ND	0.50	n	n	n		н	"	
Ethylbenzene	1.4	0.50	ч	"		*	n	••	
Methyl tert-butyl ether	ND	0.50	п	*	**	**	н	Pt	
Toluene	ND	0.50	н	**	*	**	н	ŧr	
Xylenes (total)	2.3	0.50	0	u	н	н	11	н	
Gasoline Range Organics (C4-C12	2) 65	50	н	II	n	u	11	н	
Surrogate: 1,2-Dichloroethane-d4		96 %	60-	135	H	п		#	



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612		MPB0480 Reported: 02/24/06 15:46							
	Volatile Organ	nic Comj	pound	s by EPA	A Metho	od 8260	B		
	Sequ	ioia Ana	lytical	- Morga	an Hill				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-4 (MPB0480-03) Water Sample	ed: 02/07/06 13:03	Received:	02/07/06	5 18:05					·
tert-Amyl methyl ether	ND	0.50	ug/l	1	6B16012	02/16/06	02/17/06	EPA 8260B	
Benzene	ND	0.50	ų	0		11	11	11	
tert-Butyl alcohol	ND	20	u	11	н	11	н	н	
Di-isopropyl ether	ND	0.50	п	"	"	"	ч	11	
1,2-Dibromoethane (EDB)	ND	0.50	н	IJ	0	"	u.	11	
1,2-Dichloroethane	ND	0.50	11	н	U	**	н	n	
Ethanol	ND	300	н	D)	11	**	н	17	
Ethyl tert-butyl ether	ND	0.50	n	"	п		н	"	
Ethylbenzene	1.0	0.50	11	**		**	U U	"	
Methyl tert-butyl ether	29	0.50	n			**	н	19	
Toluene	ND	0.50	11	n	n	**	н	**	
Xylenes (total)	3.0	0.50	11	**	"	**		"	
Gasoline Range Organics (C4-C12)	100	50	11	**	н	n	'n	"	
Surrogate: 1,2-Dichloroethane-d4		98 %	60-	135	μ	11	"	"	
MW-5 (MPB0480-04) Water Sample	ed: 02/07/06 11:31	Received:	02/07/06	18:05					
tert-Amyl methyl ether	ND	5.0	ug/l	10	6B16012	02/16/06	02/17/06	EPA 8260B	
Benzene	590	5.0		u	"	н	"	и	
tert-Butyl alcohol	ND	200	"	•	*	н	*	н	
Di-isopropyl ether	ND	5.0	**	**	"	и	**	н	
1,2-Dibromoethane (EDB)	ND	5.0	"		17	11	*	н	
1,2-Dichloroethane	ND	5.0	"	"	"	n	**	11	
Ethanol	ND	3000	**	u	"	"	*1	11	
Ethyl tert-butyl ether	ND	5.0	"	11	н	19	ŧr	11	
Ethylbenzene	86	5.0	"	n	*	"	u	11	
Methyl tert-butyl ether	200	5.0	**	*1		*	ri -	"	
Toluene	9.6	5.0	**	н	*	"	н	"	
Xylenes (total)	110	5.0	H	n	n	**	н	"	
Gasoline Range Organics (C4-C12)	2100	500	ır	"	u	n	ŋ	"	
Surrogate: 1,2-Dichloroethane-d4		110 %	(0	135	я	"	ŧ	"	



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi								MPB0480 Reported: 02/24/06 15:46	
Ve	olatile Organ	nic Comp	oound	s by EPA	A Metho	od 8260]	B			
	Sequ	ioia Ana	lytical	- Morg	an Hill					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note	
MW-6 (MPB0480-05) Water Sampled:	: 02/07/06 09:59	Received:	02/07/06	18:05						
ert-Amyl methyl ether	ND	0.50	ug/l	1	6B16012	02/16/06	02/17/06	EPA 8260B		
Benzene	ND	0.50	11	"	19		11	78		
ert-Butyl alcohol	ND	20	н	**	19	"	п	92		
Di-isopropyl ether	ND	0.50	11	"	"	н	н	ŧr		
,2-Dibromoethane (EDB)	ND	0.50	n	14	"	"	11	**		
,2-Dichloroethane	ND	0.50	11	**	*	17	11	tt		
Ethanol	ND	300	11	ta	12	н	n	n		
Ethyl tert-butyl ether	ND	0.50	"		47	1/	n	n		
Ethylbenzene	ND	0.50	*1	**		"	"	н		
Aethyl tert-butyl ether	ND	0.50	"	rt	11	11	11	u		
Toluene	ND	0.50	"	**	4	"	'n	п		
(ylenes (total)	ND	0.50	**	17	a	n	"	0		
Gasoline Range Organics (C4-C12)	ND	50		11	n	*1	¥	u		
Surrogate: 1,2-Dichloroethane-d4		99 %	60-	135	rt	"	"	"		
MW-7 (MPB0480-06) Water Sampled:	02/07/06 10:39	Received:	02/07/06	18:05						
ert-Amyl methyl ether	ND	5.0	ug/l	10	6B17002	02/17/06	02/17/06	EPA 8260B		
Benzene	ND	5.0	H,	н	н	Ħ	п	19		
ert-Butyl alcohol	ND	200	"	n	п	**	n	11		
Di-isopropyl ether	ND	5.0	u	н	17	"	11	**		
,2-Dibromoethane (EDB)	ND	5.0	H.	11	**	tr	11	19		
,2-Dichloroethane	ND	5.0	н	n	"		н	**		
Sthanol	ND	3000	н	11	17	tr	н	**		
Sthyl tert-butyl ether	ND	5.0	IJ	**	19	IF	н	ŧr		
Ethylbenzene	ND	5.0	n	11		It	11	rr		
Methyl tert-butyl ether	270	5.0	н	"	11	11	n	ŧr		
Toluene	ND	5.0	11	"	"	11	n	U		
(vlenes (total)	ND	5.0	11	"	n	11	*1	u		
Gasoline Range Organics (C4-C12)	ND	500	11	"	"	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	"	H		
Surrogate: 1,2-Dichloroethane-d4		99 %	60-	135	"	#	n	n		



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612			MPB0480 Reported: 02/24/06 15:46						
	olatile Organ	nic Com	pound	s by EP/	A Metho	od 8260	B		
	-	ioia Ana	-	•					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-8 (MPB0480-07) Water Sample	d: 02/07/06 11:04	Received:	02/07/06	18:05					
tert-Amyl methyl ether	ND	5.0	ug/l	10	6B20011	02/20/06	02/20/06	EPA 8260B	
Benzene	94	5.0	"	"	**	"	11	n	
tert-Butyl alcohol	ND	200	"	11	н	**	n	"	
Di-isopropyl ether	NÐ	5.0	n	11	n	"	н	11	
1,2-Dibromoethane (EDB)	ND	5.0	**		11	"	11	**	
1,2-Dichloroethane	ND	5.0	"	н	U	*	11	97	
Ethanol	ND	3000	"	1)	11	H	n	"	
Ethyl tert-butyl ether	ND	5.0	"	11	11		11	"	
Ethylbenzene	260	5.0		*	11		"	••	
Methyl tert-butyl ether	7.5	5.0	u	n	н		"	H.	
Toluene	27	5.0	π	н	н	**	**	"	
Xylenes (total)	820	5.0	u.	*	"	u	**	"	
Gasoline Range Organics (C4-C12)	5700	500	u	н	0	u.	**	n	
Surrogate: 1,2-Dichloroethane-d4		94 %	60-	135	11	п	"	#	
Surrogate: Toluene-d8		95 %	70-	120	n	n	"	17	
Surrogate: Dibromofluoromethane		90 %	65-	130	n	n	"	11	
Surrogate: 4-Bromofluorobenzene		101 %	70-	120	"	n	"	п	
MW-9 (MPB0480-08) Water Sample	d: 02/07/06 12:41	Received:	02/07/06	18:05					
tert-Amyl methyl ether	5.4	5.0	ug/ł	10	6B16012	02/16/06	02/17/06	EPA 8260B	
Benzene	110	5.0	"	n	"	п			
tert-Butyl alcohol	ND	200	"	11	**	**	H	н	
Di-isopropyl ether	ND	5.0	11	11	"	"	п	11	
1,2-Dibromoethane (EDB)	ND	5.0	11	u	"	"	н	n	
1,2-Dichloroethane	ND	5.0	**				n	11	
Ethanol	ND	3000	"	lt.	u	**	н	11	
Ethyl tert-butyl ether	ND	5.0	**	п				11	
Ethylbenzene	770	5.0	"	"	*	••	0	11	
Methyl tert-butyl ether	ND	5.0	"	n	11	**	n	**	
Toluene	8.7	5.0	"	"	*		11	"	
Xylenes (total)	1500	5.0		Ħ	"	"	"	**	
Gasoline Range Organics (C4-C12)	18000	500	n	"	19	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		122 %	60	135	"	 	"	"	



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612		MPB0480 Reported: 02/24/06 15:46							
	Volatile Organ Sequ	-		s by EPA - Morga		od 8260]	B		
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MPB0480-09) Water S	ampled: 02/07/06 12:09	Received	: 02/07/0	6 18:05					
tert-Amyl methyl ether	ND	25	ug/l	50	6B17002	02/17/06	02/17/06	EPA 8260B	
Benzene	340	25	н	п	n	н	h	u	
tert-Butyl alcohol	ND	1000	11	H	ŧr	ч		II	
Di-isopropyl ether	ND	25	п	"	"	II	11	ш	
1,2-Dibromoethane (EDB)	ND	25	н	"	19		*	ц	
1,2-Dichloroethane	ND	25	u	"	11	н	"	n	
Ethanol	ND	15000	0	**	n	н	н	н	
Ethyl tert-butyl ether	ND	25		**	14	"	n	rr	
Ethylbenzene	1300	25	11	11	"	н	"	IF.	
Methyl tert-butyl ether	73	25	tt	'n	*1	u	"	lt.	
Toluene	580	25	"	n	11	u	"	11	
Xylenes (total)	4500	25		"	"		"	H.	
Gasoline Range Organics (C4-C12	2) 22000	2500	11	ti	"		"	**	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-	-135	"	n	"	Ħ	



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612		Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi								MPB0480 Reported: 02/24/06 15:46		
Volatile Org		pounds b juoia Ana	-			- Qual	ity Con	trol				
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes		
Batch 6B16012 - EPA 5030B P/T / EF	A 8260B					·						
Blank (6B16012-BLK1)				Prepared	& Analvze	ed: 02/16/0)6					
ert-Amyl methyl ether	ND											
Benzene	ND	0.50	1									
ert-Butyl alcohol	ND	20										
Di-isopropyl ether	ND	0.50	н									
,2-Dibromoethane (EDB)	ND	0.50	N									
,2-Dichloroethane	ND	0.50	"									
Ethanol	ND	300	н									
Ethyl tert-butyl ether	ND	0.50	**									
Ethylbenzene	ND	0.50	n									
Methyl tert-butyl ether	ND	0.50	n									
Toluene	ND	0.50	n									
Xylenes (total)	ND	0.50	łr									
Gasoline Range Organics (C4-C12)	ND	50	"									
Surrogate: 1,2-Dichloroethane-d4	5.34		n	5.00		107	60-135					
Laboratory Control Sample (6B16012-BS	51)	Prepared & Analyzed: 02/16/06										
ert-Amyl methyl ether	16.5	0.50	ug/l	16.3		101	80-115					
Ben zene	4.67	0.50	**	5.04		93	65-115					
ert-Butyl alcohol	157	20	"	169		93	75-150					
Di-isopropyl ether	16.0	0.50	"	16.2		99	75-125					
,2-Dibromoethane (EDB)	15.9	0.50	n	16.6		96	85-120					
,2-Dichloroethane	16.0	0.50	n	15.5		103	85-130					

182

15.8

6.70

7.82

39.5

41.2

373

5.30

300

0.50

0.50

0.50

0.50

0.50

50

17

••

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п

165

16.4

7.28

7.84

38.0

40.8

440

5.00

Ethanol

Toluene

Ethyl tert-butyl ether

Methyl tert-butyl ether

Gasoline Range Organics (C4-C12)

Surrogate: 1,2-Dichloroethane-d4

Ethylbenzene

Xylenes (total)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

110

96

92

100

104

101

85

106

70-135

75-130

75-135

65-125

85-120

85-125

60-140

60-135



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi									80480 prted: 96 15:46
Volatile Or	2	-	•			- Qual	ity Con	trol		
	Sec	juoia Ana	lytical	- Morg	an Hill					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B16012 - EPA 5030B P/T / E	PA 8260B									
Matrix Spike (6B16012-MS1)	Source: M	IPB0486-01		Prepared	& Analyze	ed: 02/16/	06			
tert-Amyl methyl ether	1700	50	ug/l	1630	12	104	80-115			
Вепzene	8100	50	0	504	8500	0	65-115			BB,LN
tert-Butyl alcohol	16200	2000	**	16900	ND	96	75-120			
Di-isopropyl ether	1590	50	"	1620	ND	98	75-125			
1,2-Dibromoethane (EDB)	1570	50	**	1660	ND	95	85-120			
1,2-Dichloroethane	1570	50	**	1550	170	90	85-130			
Ethanol	17400	30000	**	16500	ND	105	70-135			
Ethyl tert-butyl ether	1610	50	"	1640	ND	98	75-130			
Ethylbenzene	2190	50	ŧr	728	1400	109	75-135			
Methyl tert-butyl ether	737	50	v	784	ND	94	65-125			
Toluene	4310	50	n	3800	560	99	85-120			
Xylenes (total)	7440	50		4080	3300	101	85-125			
Gasoline Range Organics (C4-C12)	65600	5000	v	44000	28000	85	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.60		n	5.00		112	60-135			
Matrix Spike Dup (6B16012-MSD1)	Source: M	IPB0486-01		Prepared:	02/16/06	Analyzed	l: 02/17/06			
tert-Amyl methyl ether	1820	50	ug/l	1630	12	111	80-115	7	15	
Benzene	8470	50	"	504	8500	0	65-115	4	20	BB,LN
tert-Butyl alcohol	17300	2000	"	16900	ND	102	75-120	7	25	
Di-isopropyl ether	1690	50	"	1620	ND	1 0 4	75-125	6	15	
1,2-Dibromoethane (EDB)	1660	50	"	1660	ND	100	85-120	6	15	
1,2-Dichloroethane	1640	50	"	1550	170	95	85-130	4	20	
Ethanol	17400	30000	"	16500	ND	105	70-135	0	35	
Ethyl tert-butyl ether	1700	50	"	1640	ND	104	75-130	5	25	
Ethylbenzene	2160	50	"	728	1400	104	75-135	1	15	
Methyl tert-butyl ether	814	50	**	784	ND	104	65-125	10	20	
Toluene	4470	50	**	3800	560	103	85-120	4	20	
Xylenes (total)	7380	50	"	4080	3300	100	85-125	0.8	20	
Gasoline Range Organics (C4-C12)	65300	5000	•	44000	28000	85	60-140	0.5	25	
Surrogate: 1,2-Dichloroethane-d4	5.68		"	5.00		114	60-135			



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612		Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi								
Volatile C	Organic Com	-	•			- Qual	ity Con	trol		
	Sec	juoia Ana	lytical	- Morga	an Hill					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B17002 - EPA 5030B P/T /	EPA 8260B									
Blank (6B17002-BLK1)				Prepared	& Analyze	ed: 02/17/	06			
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	**							
tert-Butyl alcohol	ND	20	**							
Di-isopropyl ether	ND	0.50								
1,2-Dibromoethane (EDB)	ND	0.50	Ħ							
1,2-Dichloroethane	ND	0.50								
Ethanol	ND	300	Ħ							
Ethyl tert-butyl ether	ND	0.50	**							
Ethylbenzene	ND	0.50	n							
Methyl tert-butyl ether	ND	0.50	**							
Toluene	ND	0.50	11							
Xylenes (total)	ND	0.50	н							
Gasoline Range Organics (C4-C12)	ND	50	u							
Surrogate: 1,2-Dichloroethane-d4	5.24		"	5.00		105	60-135		•	
Laboratory Control Sample (6B17002	-BS1)			Prepared	& Analyze	ed: 02/17/	06			
tert-Amyl methyl ether	17.2	0.50	ug/l	16.3		106	80-115			
Benzene	4.67	0.50	н	5.04		93	65-115			
ert-Butyl alcohol	146	20	n	169		86	75-150			
Di-isopropyl ether	15.6	0.50	11	16.2		96	75-125			
1,2-Dibromoethane (EDB)	15.9	0.50	ท	16.6		96	85-120			
1,2-Dichloroethane	16.1	0.50	"	15,5		104	85-130			
Ethanol	154	300	ч	165		93	70-135			
Ethyl tert-butyl ether	16.0	0.50	n	16.4		98	75-130			
Ethylbenzene	6.15	0.50	н	7.28		84	75-135			
Methyl tert-butyl ether	7.55	0.50	11	7.84		96	65-125			
Foluene	37.7	0.50	11	38.0		99	85-120			
Xylenes (total)	39.2	0.50	11	40.8		96	85-125			
Gasoline Range Organics (C4-C12)	368	50	n	440		84	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.99		"	5.00		100	60-135			

Sequoia Analytical - Morgan Hill



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi									0480 rted: 6 15:46
Volatile Or	ganic Com	pounds b	y EPA	Method	8260B	- Oual	ity Con	trol		
	-	uoia Ana	-			•	Ū			
Anałyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B17002 - EPA 5030B P/T / E	PA 8260B									
Matrix Spike (6B17002-MS1)	Source: M	PB0480-09		Prepared a	& Analyzo	ed: 02/17/	06			
ert-Amyl methyl ether	877	25	ug/l	816	ND	107	80-115			
Benzene	581	25	н	252	340	96	65-115			
tert-Butyl alcohol	8390	1000		8440	300	96	75-120			
Di-isopropyl ether	818	25	11	812	ND	101	75-125			
1,2-Dibromoethane (EDB)	814	25	11	832	ND	98	85-120			
1,2-Dichloroethane	828	25	n	776	ND	107	85-130			
Ethanol	8310	15000	n	8240	ND	101	70-135			
Ethyl tert-butyl ether	826	25	11	820	ND	101	75-130			
Ethylbenzene	1600	25	11	364	1300	82	75-135			
Methyl tert-butyl ether	467	25	"	392	73	101	65-125			
Toluene	2470	25	**	1900	580	99	85-120			
Xylenes (total)	6250	25	**	2040	4500	86	85-125			
Gasoline Range Organics (C4-C12)	42000	2500	"	22000	22000	91	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.38		"	5.00		108	60-135			
Matrix Spike Dup (6B17002-MSD1)	Source: M	PB0480-09		Prepared a	& Analyze	ed: 02/17/	06			
tert-Amyl methyl ether	895	25	ug/l	816	ND	110	80-115	2	15	
Benzene	609	25	"	252	340	107	65-115	5	20	
tert-Butyl alcohol	8120	1000	**	8440	300	93	75-120	3	25	
Di-isopropyl ether	808	25		812	ND	100	75-125	1	15	
1,2-Dibromoethane (EDB)	822	25		832	ND	99	85-120	1	15	
1,2-Dichloroethane	810	25	п	776	ND	104	85-130	2	20	
Ethanol	8380	15000	"	8240	ND	102	70-135	0.8	35	
Ethyl tert-butyl ether	823	25	u.	820	ND	100	75-130	0.4	25	
Ethylbenzene	1720	25	H	364	1300	115	75-135	7	15	
Methyl tert-butyl ether	460	25	ч	392	73	99	65-125	2	20	
Toluene	2640	25	n	1900	580	108	85-120	7	20	
Xylenes (total)	6800	25	n	2040	4500	113	85-125	8	20	
Gasoline Range Organics (C4-C12)	43400	2500	u.	22000	22000	97	60-140	3	25	
Surrogate: 1,2-Dichloroethane-d4	5.16		"	5.00		103	60-135			



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11132, Oaklar Project Number:G07TS-0025 Project Manager:Lynelle Onishi						A		MPB0480 Reported: 02/24/06 15:4	
Volatile C	rganic Comp Seqו	ounds b 10ia Ana	-			- Qual	ity Con	trol		
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B20011 - EPA 5030B P/T /		£.iiiii	Olints	Lever	Kesun	70KEC	Linns	RD	Lium	Notes
Blank (6B20011-BLK1)	EI A 0200D			Prepared	& Analyze	ad: 02/20/	06			
tert-Amyl methyl ether	ND	0.50	ug/l	Teparcu		u. 02/20/	00			
Benzene	ND	0.50	ug/1							
tert-Butyl alcohol	ND	20	0							
Di-isopropyl ether	ND	0.50	н							
1,2-Dibromoethane (EDB)	ND	0.50	н							
1,2-Dichloroethane	ND	0.50	н							
Ethanol	ND	300	н							
Ethyl tert-butyl ether	ND	0.50	II.							
Ethylbenzene	ND	0.50	u.							
Methyl tert-butyl ether	ND	0.50	п							
Toluene	ND	0.50	Ir							
Xylenes (total)	ND	0.50	н							
Gasoline Range Organics (C4-C12)	ND	50	н							
Surrogate: 1,2-Dichloroethane-d4	5.05		"	5.00		101	60-135			
Surrogate: Toluene-d8	4.47		"	5.00		89	70-120			
Surrogate: Dibromofluoromethane	4.80		"	5.00		96	65-130			
Surrogate: 4-Bromofluorobenzene	4.94		"	5.00		99	70-120			
Laboratory Control Sample (6B20011	-BS1)			Prepared	& Analyze	ed: 02/20/				
tert-Amyl methyl ether	17.2	0.50	ug/l	16.3		106	80-115			
Benzene	4.76	0.50	"	5.04		94	65-115		·	
tert-Butyl alcohol	150	20	*1	169		89	75-150			
Di-isopropyl ether	16.6	0.50	"	16.2		102	75-125			
1,2-Dibromoethane (EDB)	16.1	0.50	н	16.6		97	85-120			
1,2-Dichloroethane	17.3	0.50	11	15.5		112	85-130			
Ethanol	157	300	н	165		95	70-135			
Ethyl tert-butyl ether	16.3	0.50	н	16.4		99	75-130			
Ethylbenzene	6.69	0.50	H.	7.28		92	75-135			
Methyl tert-butyl ether	8.15	0.50	11	7.84		104	65-125			
Toluene	39.0	0.50	н	38.0		103	85-120			
Xylenes (total)	40.0	0.50	11	40.8		98	85-125			
Gasoline Range Organics (C4-C12)	398	50	н	440		90	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.05		"	5.00		101	60-135			
Surrogate: Toluene-d8	4.68		"	5.00		94	70-120			
Surrogate: Dibromofluoromethane	4.76		"	5.00		95	65-130			
Surrogate: 4-Bromofluorobenzene	5.24		"	5.00		105	70-120			

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URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi							MPB0480 Reported: 02/24/06 15:46		
Volatile Or	•	pounds b (uoia Ana	•			- Qual	ity Con	trol		
		Reporting	iy treat	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6B20011 - EPA 5030B P/T / E	PA 8260B									
Matrix Spike (6B20011-MS1)	Source: M	PB0660-01R	E1	Prepared	& Analyze	ed: 02/20/	06			
ert-Amyl methyl ether	87.4	2.5	ug/l	81.6	0.80	106	80-115			
Benzene	119	2.5	"	25.2	92	107	65-115			
ert-Butyl alcohol	776	100	**	844	ND	92	75-120			
Di-isopropyl ether	87.8	2.5	н	81.2	3.4	104	75-125			
,2-Dibromoethane (EDB)	85.6	2.5	u	83.2	ND	103	85-120			
,2-Dichloroethane	80.8	2.5	п	77.6	3.0	100	85-130			
Ethanol	827	1500	н	824	ND	100	70-135			
Ethyl tert-butyl ether	83.8	2.5	н	82.0	ND	102	75-130			
Ethylbenzene	209	2.5	u	36.4	170	107	75-135			
Aethyl tert-butyl ether	51.2	2.5	u.	39.2	10	105	65-125			
oluene	213	2.5	u	190	13	105	85-120			
(ylenes (total)	314	2.5	u	204	120	95	85-125			
asoline Range Organics (C4-C12)	6530	250	u	2200	4600	88	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.13		n	5.00		103	60-135			
urrogate: Toluene-d8	4.59		"	5.00		<i>92</i>	70-120			
Surrogate: Dibromofluoromethane	4.66		"	5.00		<i>93</i>	65-130			
Surrogate: 4-Bromofluorobenzene	5.26		"	5.00		105	70-120			
Aatrix Spike Dup (6B20011-MSD1)	Source: M	PB0660-01R	E1	Prepared	& Analyze	ed: 02/20/	06			
ert-Amyl methyl ether	90.6	2.5	ug/l	81.6	0.80	110	80-115	4	15	
Benzene	118	2.5		25.2	92	103	65-115	0.8	20	
ert-Butyl alcohol	822	100	и	844	ND	97	75-120	6	25	
Di-isopropyl ether	85.2	2.5	77	81.2	3.4	101	75-125	3	15	
,2-Dibromoethane (EDB)	84.4	2.5		83.2	ND	101	85-120	1	15	
,2-Dichloroethane	80.1	2.5	n	77.6	3.0	99	85-130	0.9	20	
Ethanol	812	1500	**	824	ND	99	70-135	2	35	
Ethyl tert-butyl ether	84.8	2.5	**	82.0	ND	103	75-130	1	25	
thylbenzene	208	2.5	"	36.4	170	104	75-135	0.5	15	
Aethyl tert-butyl ether	50.2	2.5	11	39.2	10	103	65-125	2	20	
oluene	221	2.5	"	190	13	109	85-120	4	20	
(ylenes (total)	328	2.5	**	204	120	102	85-125	4	20	
Fasoline Range Organics (C4-C12)	6370	250	**	2200	4600	80	60-140	2	25	
Surrogate: 1,2-Dichloroethane-d4	4.92		"	5.00		<i>98</i>	60-135			
urrogate: Toluene-d8	4.86		"	5.00		97	70-120			
Surrogate: Dibromofluoromethane	4.64		"	5.00		<i>93</i>	65-130			
Surrogate: 4-Bromofluorobenzene	5.36		"	5.00		107	70-120			

Sequoia Analytical - Morgan Hill



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

1333 Bro	poration [Arco] adway, Suite 800 CA, 94612	Project:BP Heritage #11132, Oakland, CA Project Number:G07TS-0025 Project Manager:Lynelle Onishi	MPB0480 Reported: 02/24/06 15:46
		Notes and Definitions	
BB,LN	Sample > 4x spike concentration.		
DET	Analyte DETECTED		
ND	Analyte NOT DETECTED at or above the report	ing limit or MDL, if MDL is specified	
NR	Not Reported		
dry	Sample results reported on a dry weight basis		
RPD	Relative Percent Difference		



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Chain of Custody Record

Project Name: Analytical for QMR sampling BP BU/AR Region/Enfos Segment:

On-site Off-sit BP > Americas > West Coast > Retail > WCBU > CA > Central > 11132 > HistoricalBL Sky Co Meteor Wind S

State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fre Requested Due Date (mm/dd/yy):

10 Day TAT

e Time:	0815	Temp: 58,3
te Time:	1430	Temp: 68,0
onditions:	clear	
rological E	vents:	
Speed;	Castoria	Direction:

Page____ of ____/

Lab N	amc: Sequoia	nc: Sequoia BP/AR Facility No.: 11132									Consultant/Contractor: URS													
Address: 885 Jarvis Drive BP/AR Fa							3P/AR Facility Address: 3201 35th Aye, Oakland, CA 94619						Address: 1333 Broadway, Suite 800											
	Morgan Hill, CA 95037	Site Lat/Long: 37.791607 / -122.204						Oakland, CA 94612																
Lab PM: Lisa Race / Katt Min						California Global I		A		_							Consul	tant/	Contra	ictor	Proje	ect No.: 38487	137	
Tele/Fax: 408.782.8156 / 408.782.6308						Enfos Project No.:		G07	TS-()025					·		Consul	ltant/0	Contra	actor	PM:	Lynell	e Onishi	
3P/AF	PM Contact: Kyle Christie					Provision or RCO	2:	Pro	visio	n							Tele/F	ax:	510).874	1.175	8/510.874.3268		-
Addre	ss: 4 Centerpointe Dr.					Phase/WBS:	04	- Moi	ı/Rei	ned l	oy Na	tural	Atten	uatior	1		Report	Турс	& Q	CLe	vel:	Level 1 with BDF		
	La Palma, CA 90623					Sub Phase/Task:		- Ana														Cosper@ursco	rp.com	
	ax: (714) 670-5303 / (714) 670-51	95		-		Cost Element:	05	- Sub												antic	Ric	hfield Company		
.ab B	ottle Order No: 11132		<u> </u>	M	atrix			Í	ľ	reser	vativ	'e				Requ	ested A	Analy	sis			10.004		2)
ltem No.	Sample Description	. Time	Date	Soil/Solid	Watez/Liquid Air	Laboratory No.	No. of Containers	l č	H ₂ SO4	HNO ₃	HCI	Methanol	GRO/RTHX (2060)	MTBE, TAME, ETBE	EDB, 1,2-DCA (8260)	Ethanol (8263)						JAPB 6 Sample Pol		, and
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10	JB-11132-02072006		V		<u>,</u>	10	Z																	
ample	er's Name: David Allbut					Relinquished By / Affiliation				Date		ime			Acce	pted]	By / A	filiation	Date	Tin				
	er's Company: Blaine Te					Rand Allbut / RTS			2	206	15	17		10			SAA	PLE CUST SIM						
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	Distribution: White Copy - Lat						-															BP COC Rev. 4 10		

		SEQUO	A AŃ	ALYTICAL SAM	PLE RECE	EIPT LO	G	-	Al-Angelika ve titerer	
CLIENT NAME: REC. BY (PRINT) WORKORDER:	URS 1113 E Fallin MPB by 8			DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	180					tory Purposes? WATER YES / NO ATER YES / NO
CIRCLE THE APPROP	RIATE RESPONSE	LAB SAMPLE#	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pН	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent			······································	·	··				/
2. Chain-of-Custody 3. Traffic Reports or	Rresent / Absent*			· · · · · · · · · · · · · · · · · · ·			· · ·	· · · · · · · · · · · · · · · · · · ·		
Packing List: 4. Airbill:	Present / Absent Airbill / Sticker	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		<u>, ;</u>		·		
5. Airbill #:	Present / Absent			······································		· · ·	·			
6. Sample Labels: 7. Sample iDs:	Present / Absent Listed / Not Listed on Chain-of-Custody			· · · · · · · · · · · · · · · · · · ·				9		
8. Sample Condition:	Intact / Broken* /- Leaking*				,,,,,,	4	32			
 Does information on c traffic reports and sar agree? 				· · · · · · · · · · · · · · · · · · ·		100			· .	
10. Sample received within hold time?					S.					
11. Adequate sample volun received?	¥es / No*				·····					
12. Proper preservatives us 13. T(ip)Blank / T(mp)Blank (circle which, if yes)	sed? Yes/No* k Received? Yes/No*									
(circle which, if yes) 14. Read Temp: Corrected Temp:	<u>4.6.c</u>						· · ·		· · · · · · · · · · · · · · · · · · ·	
Is corrected temp 4 +/-	quiring thermal pres.)	· · ·	\square				 		<u> </u>	······································
**Exception (if any): META or Problem COC	ALS / DFF ON ICE			CONTACT PROJECT I						

Replaces Rev 5 (07/13/04)

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ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

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Electronic Submittal Information Main Menu | View/Add Facilities | Upload EDD | Check EDD SUCCESSFUL EDF CHECK - NO ERRORS **URS** Corporation-Oakland **ORGANIZATION NAME:** Office USER NAME: URSCORP-OAKLAND DATE CHECKED: 3/13/2006 1:12:53 PM GLOBAL ID: T0600100213 FILE UPLOADED: BP#11132-EDF-MPB0480.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 Regional Board - Case #: 01-0227 3201 35TH ST SAN FRANCISCO BAY RWOCB (REGION 2) OAKLAND, CA 94619 Local Agency (lead agency) - Case #: 3878 ALAMEDA COUNTY LOP - (RWS) SAMPLE DETECTIONS REPORT # FIELD POINTS SAMPLED 9 # FIELD POINTS WITH DETECTIONS 8 # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL 6 SAMPLE MATRIX TYPES WATER METHOD QA/QC REPORT METHODS USED 8260FA TESTED FOR REQUIRED ANALYTES? Υ 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-Y 135% MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% Y SURROGATE SPIKES % RECOVERY BETWEEN 85-115% Ν BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% Y

MATRIX SPIKE / MATRIX 135%	SPIKE DUPLICATE(S) % RE	COVERY BETWEEN 65-	n/a					
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% n/a								
SURROGATE SPIKES % F	ECOVERY BETWEEN 70-125	i%	n/a					
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70- 130%								
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FIELD QC SAMPLES	COLLECTED	<u>DETECTIONS ></u> 0 0	REPDL					

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Electronic Submittal Informatio	
Your EDF file has been successfully uploaded!	
Confirmation Number: 5504407405	
Date/Time of Submittal: 3/13/2006 1:13:46 PM	
Facility Global ID: T0600100213	
Facility Name: BP	
Submittal Title: 1Q 2006 BP/ARCO 11132	EDF
Submittal Type: GW Monitoring Report	
Click <u>here</u> to view the detections report for this uploa	ad.
BPRegional Board - Case #: 01-02273201 35TH STSAN FRANCISCO BAY RWQCB (REG OAKLAND, CA 94619Local Agency (lead agency) - Case #: 3 ALAMEDA COUNTY LOP - (RWS)	,
	<u>QUARTER</u> Q1 2006
SUBMITTED BY SUBMIT DATE STATUS	Q12000
Srijesh Thapa 3/13/2006 PENDING REVIEW	
 # FIELD POINTS SAMPLED # FIELD POINTS WITH DETECTIONS # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL SAMPLE MATRIX TYPES METHOD QA/QC REPORT METHODS USED TESTED FOR REQUIRED ANALYTES? LAB NOTE DATA QUALIFIERS 	9 8 WATER 8260FA Y
QA/QC FOR 8021/8260 SERIES SAMPLES TECHNICAL HOLDING TIME VIOLATIONS	
METHOD HOLDING TIME VIOLATIONS	0 0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	-
- LAB METHOD BLANK - MATRIX SPIKE	Y
- MATRIX SPIRE DUPLICATE	T Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y
WATER SAMPLES FOR 8021/8260 SERIES	
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-1 MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	135% Y Y
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SOIL SAMPLES FOR 8021/8260 SERIES	
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FIELD QC SAMPLES		
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QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Checking GEO WELL File

Electronic Submittal Information

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

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

ORGANIZATION NAME:

URS Corporation-Oakland Office URSCORP-OAKLAND 3/13/2006 1:10:19 PM

DATE CHECKED:

USER NAME:

Processing is complete. No errors were found! You may now proceed to the <u>upload</u> page.

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Uploading GEO_WELL File

Page 1 of 1

	ubmittal Information <u> Facilities Upload EDD Check EDD</u>							
UPLOADING A GEO_WELL FILE								
	mplete. No errors were found! een successfully submitted!							
Submittal Title:	1Q 2006 BP/ARCO 11132 GEOWELL							
Submittal Date/Time:	3/13/2006 1:10:57 PM							
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Duplicate Entry Removed

all else OK

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