



Atlantic Richfield Company (a BP affiliated company)

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

By dehloptoxic at 9:04 am, Jun 16, 2006

April 24, 2006

Re:

First Quarter 2006 Groundwater Monitoring Report Former BP Service Station #11117 7210 Bancroft Avenue Oakland, California ACEH Case No. R00000356

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

Submitted by:

Paul Supple

Environmental Business Manager

URS

April 24, 2006

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

Re:

First Quarter 2006 Groundwater Monitoring Report

Former BP Service Station #11117

7210 Bancroft Avenue Oakland, California

ACEH Case No. RO0000356

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 #11117, located at 7210 Bancroft Avenue, Oakland, California.

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

Sincerely,

URS CORPORATION

Lynelle T. Onishi Project Manager

cc:

Enclosure: First Quarter 2006 Groundwater Monitoring Report

Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS

Ms. Shelby Lathrop, ConocoPhillips, electronic copy uploaded to URS ftp server

Ms. Diane Clark, One Eastmont Town Center, 7200 Bancroft Avenue, Oakland, CA 94605

Senior Geologist

FD GEN

BARBARA J JAKUB No. 7304

Mr. Rob Miller, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS

FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT

FORMER BP SERVICE STATION #11117 7210 BANCROFT AVENUE OAKLAND, CALIFORNIA

Prepared for RM

April 24, 2006

URS URS Corporation 1333 Broadway, Suite 800 Oakland, California 94612

Date: April 24, 2006 Ouarter: 1006

FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT

Facility No.:	11117	Address:	7210 Bancroft Avenue, Oakland, CA	
RM Environmenta	l Business Manager:		Paul Supple	·
Consulting Co./Co	ntact Person:		URS Corporation / Lynelle Onishi	
Primary Agency:			Alameda County Environmental Health (ACEH)	
ACEH Case No.:	•		RO0000356	

WORK PERFORMED THIS QUARTER

(First -2006):

- Performed the first quarter groundwater monitoring event on February 14, 2006.
- 2. Prepared and submitted the Fourth Quarter 2005 Groundwater Monitoring Report.

WORK PROPOSED FOR NEXT QUARTER

(Second - 2006):

- Prepare and submit this First Quarter 2006 Groundwater Monitoring Report.
- Perform the second quarter 2006 groundwater monitoring event. 2.
- Broadbent and Associates, Inc. to prepare and submit the Second Quarter 2006 Groundwater Monitoring Report.

SITE SUMMARY:

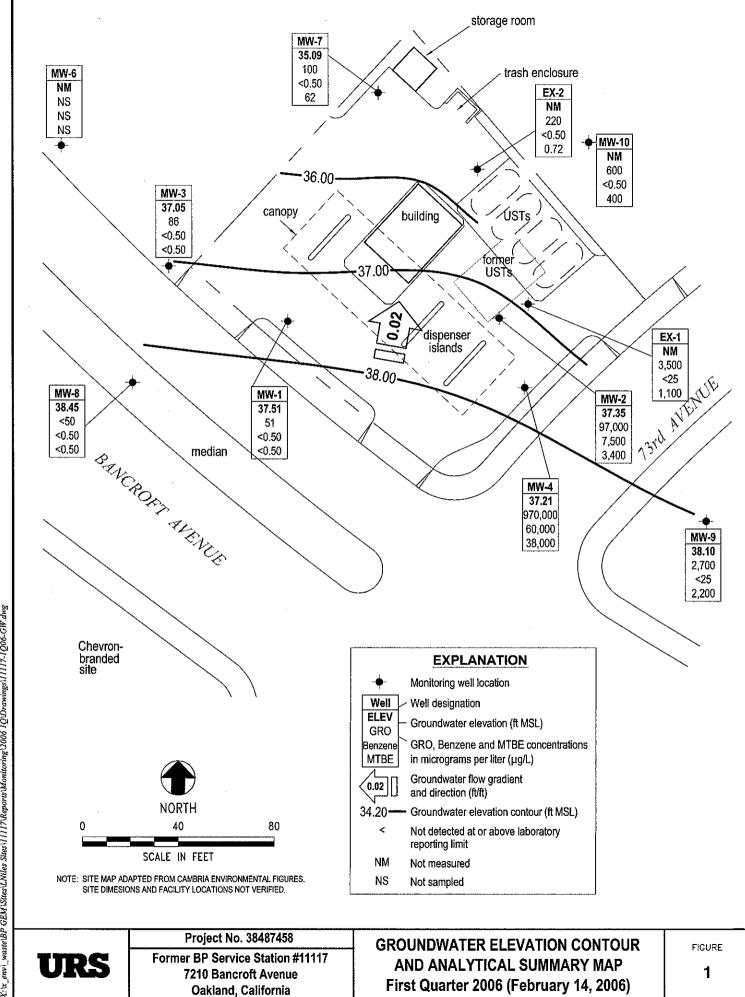
Current Phase of Project:	Groundwater monitoring/sampling
Frequency of Groundwater Sampling:	Quarterly: Wells EX-1, -2, MW-2, -4, -7, -10;
	Semi-annually (1 st and 3 rd quarters): Well MW-9;
	Annually (1st quarter): Wells MW-1, -3, -6, -8
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product Present On-Site:	Sheen (MW-4)
Current Remediation Techniques:	None
Approximate Depth to Groundwater:	12.29 (MW-1) to 16.31 (MW-7) feet
Groundwater Gradient (direction):	North-Northeast
Groundwater Gradient (magnitude):	0.02 feet per foot

DISCUSSION:

Gasoline range organics were detected at or above the laboratory reporting limit in nine of the ten wells sampled this quarter at concentrations ranging from 51 micrograms per liter (µg/L) (MW-1) to 970,000 µg/L (MW-4). Benzene was detected at or above the laboratory reporting limit in two wells at concentrations of 7,500 μg/L (MW-2) and 60,000 µg/L (MW-4). Toluene was detected at or above the laboratory reporting limit in three wells at concentrations ranging from 3.2 µg/L (EX-2) to 11,000 µg/L (MW-2). Ethylbenzene was detected at or above the laboratory reporting limit in three wells at concentrations ranging from 7.5 µg/L (EX-2) to 36,000 µg/L (MW-4). Xylenes were detected at or above the laboratory reporting limit in six wells at concentrations ranging from 0.55 µg/L (MW-3) to 140,000 µg/L (MW-4). Methyl tert-butyl ether was detected at or above the laboratory reporting limit in seven wells at concentrations ranging from 0.72 µg/L (EX-2) to 38,000 µg/L (MW-4). Tert-Amyl methyl ether was detected at or above the laboratory reporting limit in two wells at concentrations of 1.2 μ g/L (MW-10) and 1,000 μ g/L (MW-4). Tert-Butyl alcohol was detected at or above the laboratory reporting limit in one well (MW-10) at a concentration of 34 μ g/L. No other fuel components were detected at or above laboratory reporting limits in any of the wells sampled this quarter.

ATTACHMENTS:

- Figure 1 Groundwater Elevation Contour and Analytical Summary Map February 14, 2006
- Table 1 Groundwater Elevation and Analytical Data
- Table 2 Fuel Additives Analytical Data
- Table 3 Groundwater Gradient Data
- 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



Apr 19, 2006 - 1:03pm K: kr_envi_waste\BP GEM\Sites\LNites\LNites Sites\HHT7\Reports\Monitoring\2006 IQ\Drawings\HHT7-1Q06-GW.dwg

Table 1

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
EX-1	05/04/2004	P		16.29			12,000	2,300	430	740	1,100	2,500		SEQM	6.8	h
	08/31/2004	Р		19.39			13,000	2,500	95	650	1,500	2,100		SEQM	6.7	h
	11/23/2004	Р		17.90	-		13,000	2,700	94	460	1,700	3,000		SEQM	6.9	
	01/18/2005	Р		14.20			16,000	2,100	390	570	2,500	2,200		SEQM	6.6	
	06/29/2005	Р		14,22			6,400	1,100	52	280	790	1,400		SEQM	7.2	
	09/01/2005	Р		17.22			7,900	2,000	94	400	870	2,000		SEQM	6.7	
	11/03/2005	P		19.92			22,000	3,200	640	550	3,300	3,000	0.88	SEQM	6.8	
	02/14/2006	Р		15.40			3,500	<25	<25	<25	74	- 1,100		SEQM	6.8	
EX-2	05/04/2004	Р	. <u>-</u>	16.65			<50	0.63	<0.50	<0.50	0.66	46		SEQM	6.7	h
	08/31/2004	Р		19.90			<250	<2.5	<2.5	<2.5	<2.5	130		SEQM	6.9	h
	11/23/2004	Р	_	18.36			<50	0.74	<0.50	0.83	3.0	5.8		SEQM	6.6	
	01/18/2005	P		14.67			<50	<0.50	<0.50	<0.50	0.69	6.5		SEQM	6.5	
	06/29/2005	Р		14.60			<50	<0.50	<0.50	<0.50	0.50	24		SEQM	6.8	s
	09/01/2005	Р		17.28			<50	<0.50	1.4	<0.50	1.4	55	-	SEQM	7.0	
	11/03/2005	Р		20.42			<50	0.50	<0.50	<0.50	1.4	39	0.77	SEQM	6.9	
	02/14/2006	Р		14.54			220	<0.50	3.2	7.5	33	0.72		SEQM	7.0	
MW-1	1/5/1992		49.8	33.16		16.64	57,000	2,400	1,000	1,100	3,100					
	1/10/1992		49.8	33.16		16.64				-						
	6/5/1992		49.8	29.01		20.79	31,000	2,800	2,100	800	2,300		-			
	7/24/1992		49.8	29.45		20.35										
	7/27/1992		49.8	29.45		20.35	-									
	9/15/1992						36,000	3,800	3,400	1,400	3,800			ANA		d
	9/15/1992		49.8	30.53		19.27	40,000	3,400	3,000	1,300	3,400			ANA		С
	12/15/1992						22,000	1,500	440	510	1,300	ue		ANA		d
	12/15/1992		49.8	31.26		18.54	27,000	1,700	580	700	1,900			ANA		С
	3/15/1993						15,000	1,100	860	440	1,400		-	PACE		d, l
	3/15/1993		49.8	24.80		25.00	17,000	1,700	1,200	590	1,800		-	PACE		l
	6/7/1993						720	0.7	0.7	<0.5	<0.5			PACE		d, I
	6/7/1993		49.8	25.01		24.79	750	0.8	0.8	<0.5	<0.5			PACE		
	9/23/1993	-	49.8	28.70		21.10	40,000	4,000	500	920	3,000	6,619		PACE		e, l
	12/27/1993	_					21,000	1,700	380	830	2,400	9,219		PACE		e,I, d

Table 1

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	12/27/1993		49.8	28.66		21.14	27,000	2,000	400	940	2,600	13,558		PACE		e, l
	4/5/1994	-					29,000	3,700	1,000	1,000	3,100	9,672	1.3	PACE		e,I, d
	4/5/1994		49.8	26.37		23.43	27,000	3,400	930	950	2,900	8,595		PACE		e,l,
	7/22/1994		49.8	26.54		23.26	1,700	220	2.3	2	3.4	262	2.0	PACE		e,I
	10/13/1994		49.8	27.46		22.34	1,200	250	21	<0.5	3.2	321	2.6	PACE		e,l
	1/25/1995		49.8	20.96	_	28.84	1,000	420	8	13	4			ATI		_
	4/19/1995		49.8	19.59		30.21	5,200	420	51	230	340		6.0	ATI		
	7/5/1995		49.8	19.61		30.19	320	4.2	<0.50	<0.50	<1.0		4.6	ATI		
	10/5/1995		49.8	24.40		25.40	5,800	1,000	40	31	180	7,800	2.3	ATI		
	1/12/1996		49.8	25.44		24.36	370	<0.50	<0.50	<0.50	<1.0	<5.0	3.7	ATI		
	4/22/1996		49.8	18.02		31.78	<50	<0.5	<1	<1	<1	<10	3.9	SPL		
	7/2/1996		49.8	19.72		30.08										
	7/3/1996		49.8	-			<250	<2.5	<5	<5	<5	<50	3.6	SPL		
	11/8/1996		49.8	19.98		29.82	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL		
	1/3/1997		49.8	19.49		30.31	<50	<0.5	14	<1.0	<1.0	<10	4.6	SPL		
	4/28/1997		49.8	20.20		29.60	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL		
	7/1/1997		49.8	22.53		27.27	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL		
	10/2/1997		49.8	24.27		25.53	<50	<0.5	<1.0	<1.0	<1.0	<10	4.6	SPL		
	1/9/1998		49.8	21.07		28.73	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	5/6/1998		49.8	14.94		34.86	60	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL		
	7/21/1998		49.8	15.11		34.69	70	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL		
	12/30/1998	_	49.8	19.95		29.85	-									
	2/2/1999		49.8	19.12		30.68	420	<1.0	<1.0	<1.0	<1.0	390		SPL		
	5/10/1999		49.8	15.51		34.29										
	9/23/1999		49.8	21.65		28.15	440	49	<1.0	<1.0	<1.0	910		SPL		
	12/23/1999		49.8	22.32		27.48										
	3/27/2000		49.8	15.72		34.08	2,500	230	3	83	36	4,400	-	PACE		
	5/22/2000		49.8	16.92		32.88										
	8/31/2000		49.8	20.12	-	29.68	1,700	18	5.5	7.9	5	510		PACE		
	12/11/2000		49.8	20.72		29.08	***									
	3/20/2001		49.8	15.91		33.89	880	38.2	<0.5	24.1	<1.5	391		PACE		
	6/19/2001		49.8	18.38		31.42										

Table 1

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	9/20/2001		49.8	21.23		28.57	3,200	400	19.8	42	32.5	2,510		PACE		
	12/27/2001		49.8	16.72		33.08	750	70.1	0.536	4.74	3.76	649		PACE		
	2/28/2002		49.8	15.25		34.55	<50	<0.5	<0.5	<0.5	<1.0	8.7		PACE		
	6/28/2002		49.8	16.57		33.23	110	0.977	<0.5	0.818	<1.0	8.35		PACE		
	9/12/2002		49.8	18.41		31.39	98	2.7	1.5	1.5	5.4	48		SEQ	6.9	
	12/12/2002		49.8	20.26		29.54	210	1.9	<0.50	<0.50	<0.50	32		SEQ	6.8	
	3/10/2003		49.8	16.22		33.58	<50	<0.50	<0.50	<0.50	<0.50	3.2		SEQ	6.9	
	5/12/2003		49.8	14.30		35.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5		SEQ	7.1	
	8/27/2003		49.8	18.15	_	31.65	<50	<0.50	<0.50	<0.50	<0.50	4.2		SEQ	7.1	n
	11/10/2003	Р	49.80	19.24		30.56	<50	<0.50	<0.50	<0.50	<0.50	0.51		SEQM	6.8	-
	02/03/2004	Р	49.80	14.84		34.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.0	
•	05/04/2004	Р	49.80	14.67		35.13	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.1	· · · ·
	08/31/2004	P	49.80	17.75		32.05	<50	<0.50	<0.50	<0.50	<0.50	0.50		SEQM	7.1	
	11/23/2004		49.80	16.03		33.77										
	01/18/2005	Р	49.80	12.47		37.33	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	6.9	
	06/29/2005		49.80	12.65		37.15										The second secon
	09/01/2005		49.80	15.79		34.01							-			
	11/03/2005		49.80	18.55		31.25										
	02/14/2006	P	49.80	12.29		37.51	51	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.0	w
MW-2	1/5/1992		51.07	<u>. </u>									T			· · · · · · · · · · · · · · · · · · ·
	1/10/1992		51.07										 			r
	6/5/1992		51.07	30.05		21.02	11,000	2,000	180	490	1,900					· · · · · · · · · · · · · · · · · · ·
	7/24/1992		51.07	30.72	-	20.35					**					
	7/27/1992		51.07	30.52		20.55										
	9/15/1992		51.07	31.56		19.51	75,000	2,000	6,500	2,300	13,000			ANA		C
	12/15/1992		51.07	32.40		18.67	34,000	6,200	8,900	2,000	7,900			ANA		c
	3/15/1993		51.07	26.14		24.93	150,000	12,000	18,000	3,200	22,000	82,000		PACE		e
	6/7/1993		51.07	26.38		24.69										f
	9/23/1993		51.07	31.43	1.92	17.72										f
	12/27/1993		51.07	34.07	1.07	15.93			-							f
	4/5/1994		51.07	30.44	3.30	17.33			-	-						f
	7/22/1994		51.07	28.51	0.80	21.76						==				f

Table 1
Groundwater Elevation and Analytical Data

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	10/13/1994		51.07	29.33	0.70	21.04						- -				f
	1/25/1995		51.07	25.55	4.25	21.27										f
	4/19/1995		51.07	19.78	0.12	31,17										f
	7/5/1995	_	51.07	20.88	0.09	30.10	140,000	14,000	30,000	3,500	26,000			ATI		
,	10/5/1995		51.07	24.68	0.10	26.29										f
	1/12/1996		51.07	25.72	0.06	25.29										f
	4/22/1996		51.07	19.33	0.08	31.66										f
	7/2/1996		51.07	20.01	0.04	31.02										f
	11/8/1996		51.07	20.28	0.01	30.78										f
	1/3/1997		51.07	19.87	0.02	31.18										f
	4/28/1997		51.07	20.59	0.01	30.47	560,000	1,200	1,300	290	2,310	6,100	3.9	SPL		<u></u>
	7/1/1997						150,000	14,000	13,000	1,800	14,200	57,000		SPL		d
	7/1/1997		51.07	22.90	0.01	28.16	24,000	15,000	16,000	4,900	24,400	63,000	3.7	SPL		
	10/2/1997		51.07	24.65	0.02	26.40		-							1	
	10/3/1997		51.07		-		250,000	32,000	39,000	6,000	42,000	160,000	4.5	SPL		•
	1/9/1998						300,000	20,000	25,000	5,200	37,000	84,000		SPL		d
	1/9/1998		51.07	21.22	0.01	29.84	420,000	23,000	29,000	5,800	43,000	75,000	4.0	SPL		
	2/2/1998	-	51.07	20.11		30.96	410,000	27,000	43,000	6,700	50,000	20,000		SPL		
	5/6/1998	_	51.07	15.10	0.01	35.96	180,000	25,000	26,000	3,400	22,900	35,000	3.7	SPL		
	7/21/1998		51.07	15.31	0.01	35.75	270,000	21,000	20,000	2,700	18,800	34,000	3.8	SPL		
	12/30/1998		51.07	21.10	0.10	29.87	300,000	22,000	24,000	4,200	26,000	89000/95000		SPL		j
	5/10/1999		51.07	16.68		34.39	220,000	20,000	20,000	2,800	20,000	100,000		SPL		
	9/23/1999		51.07	22.50		28.57	160,000	21,000	24,000	2,900	20,000	44,000		SPL		
	12/23/1999		51.07	22.64		28.43	170,000	25,000	41,000	3,100	24,000	40,000		PACE		k
	3/27/2000		51.07	16.88		34.19	140,000	15,000	25,000	3,400	21,000	19,000		PACE		
	5/22/2000		51.07	17.75		33.32	150,000	18,000	31,000	3,500	22,000	26,000		PACE		
	8/31/2000		51.07	21.97	***	29.10	200,000	16,000	26,000	2,500	16,000	38,000		PACE		
	12/11/2000		51.07	22.05		29.02	130,000	18,600	30,000	3,250	20,600	21,700		PACE		
	3/20/2001		51.07	17.75		33.32	140,000	15,900	24,800	3,700	22,100	12,900		PACE		
	6/19/2001		51.07	20.15		30.92	130,000	15,100	19,500	3,300	21,400	20,300		PACE		
	9/20/2001		51.07	22.14		28.93	110,000	12,400	12,600	2,230	13,000	39,500	-	PACE		
	12/27/2001		51.07	18.17		32.90	150,000	17,500	26,000	3,050	19,500	27,500		PACE		

Table 1

Former BP Station #11117 7210 Bancroft Ave., Oakland, CA

Weli 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	рH	Comments
MW-2	2/28/2002		51.07	17.42		33.65	120,000	13,900	18,800	3,030	19,600	17,300		PACE		
	6/28/2002		51.07	17.04		34.03	3,700	190	23.3	139	287	826		PACE		u
	9/12/2002		51.07	19.52		31.55	100,000	13,000	22,000	3,600	20,000	18,000	1	SEQ	6.6	,
	12/12/2002		51.07	21.08		29.99	120,000	13,000	21,000	4,400	25,000	16,000	T -	SEQ	6.6	
	3/10/2003		51.07	17.84		33.23	100,000	17,000	21,000	3,400	20,000	4,400		SEQ	6.8	
	5/12/2003		51.07	16.66		34,41	150,000	16,000	24,000	3,500	22,000	3,600		SEQ	7.1	
	8/27/2003		51.07	19.65		31,42	120,000	14,000	12,000	3,900	20,000	5,100	-	SEQ	6.9	n
	11/10/2003	Р	51.07	20.80		30.27	97,000	12,000	9,500	3,600	15,000	4,200		SEQM	6.7	
	02/03/2004	Р	51.07	16.82		34.25	130,000	14,000	19,000	3,400	20,000	1,900		SEQM	6.8	
	05/04/2004	Р	51.07	16.19		34.88	120,000	12,000	16,000	3,700	22,000	2,500		SEQM	6.7	
	08/31/2004	Р	51.07	19.50		31.57	99,000	10,000	13,000	3,700	18,000	3,400		SEQM	6.8	THE PROPERTY OF THE PROPERTY OF THE PARTY OF
	11/23/2004	Р	51.07	18.20		32.87	110,000	8,200	17,000	4,000	23,000	2,400		SEQM	6.7	s
	01/18/2005	Р	51.07	14.91		36.16	96,000	6,500	14,000	3,500	21,000	3,700		SEQM	6.6	
	06/29/2005	Р	51.07	13.98		37.09	54,000	6,200	4,900	3,300	12,000	3,600	†	SEQM	7.3	
-	09/01/2005	P	51.07	17.00		34.07	58,000	6,300	6,000	3,300	15,000	5,100		SEQM	7.0	
	11/03/2005	Р	51.07	20.25		30.82	63,000	7,400	3,700	3,300	10,000	3,700	0.66	SEQM	6.7	
	02/14/2006	Р	51.07	13.72		37.35	97,000	7,500	11,000	4,300	16,000	3,400	-	SEQM	6.9	
MW-3	1/5/1992		49.95	33.69		16.26	7,400	790	23	210	40					
	1/10/1992		49.95	33.74		16.21							 			
	6/5/1992		49.95	29.65		20.30	2,000	130	5.3	93	20					
	7/24/1992		49.95	30.14		19.81										
	7/27/1992	_	49.95	30.14		19.81							 			
	9/15/1992		49.95	31.07		18.88	450	55	3.1	34	7.1		 	ANA		
	12/15/1992		49.95	31.93		18.02	12.000	940	<50	310	120		 	ANA		c
	3/15/1993		49,95	25.71		24.24	<50	<0.5	<0.5	<0.5	<0.5			PACE	<u> </u>	
	6/7/1993		49.95	25.80		24.15	150	3.6	<0.5	0.9	1.3			PACE		<u> i</u>
	9/23/1993		49.95	29.18		20.77										•
	9/24/1993		49.95				160	8,4	<0.5	3.7	1,3	15.3		PACE		
,	12/27/1993		49.95	29.25		20.70	9,400	1,100	48	530	120	2.871		PACE		e l
	4/5/1994		49.95	26.84		23.11	7,000	860	19	330	52	10,414	2.0	PACE		1
	7/22/1994		49.95	26.90		23.11	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.1	PACE		· · ·
	10/13/1994		49.95	27.83		22.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.6	PACE		<u>`</u>

Table 1
Groundwater Elevation and Analytical Data

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	1/25/1995		49.95	21.65		28.30	<50	<0.5	<0.5	<0.5	<1			ATI		
	4/19/1995		49.95	19.33		30.62	2,400	170	8	130	27		5.0	ATI		
	7/5/1995		49.95	20.27		29.68	<50	<0.50	<0.50	<0.50	<1.0		4.4	ΑŤΙ		
	10/5/1995		49.95	23.73		26.22	2,300	210	3.1	10	5.1	2,400	4.2	ATI		
	1/12/1996		49.95	24.84		25.11	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.1	ATI		
	4/22/1996		49.95	18.60		31.35	<50	<0.5	<1	<1	<1	<10	4.4	SPL		
	7/2/1996		49.95	18.88		31.07	<50	<0.5	<1	<1	<1	<10	4.2	SPL		
	11/8/1996		49.95	19.14		30.81	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL		
	1/3/1997		49.95	18.72		31.23	<50	<0.5	<1.0	<1.0	<1.0	<10	4.6	SPL		
	4/28/1997		49.95	19.38		30.57	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL		
	7/1/1997		49.95	21.65		28.30	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL		
	10/2/1997		49.95	23.45		26.50	<50	<0.5	<1.0	<1.0	<1.0	<10	4.5	SPL		
	1/9/1998		49.95	20.10		29.85	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL		
	5/6/1998		49.95	15.57		34.38	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL		
	7/21/1998		•				60	<0.5	<1.0	<1.0	<1.0	<10		SPL		d
	7/21/1998		49.95	15.88		34.07	51	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL		
	12/30/1998		49.95	20.30		29.65								SPL		
	2/2/1999		49.95	19.75		30.20	<50	<1.0	<1.0	<1.0	<1.0	<10		SPL		
	5/10/1999		49.95	16.17		33.78										
	9/23/1999		49.95	22.05		27.90										***************************************
	12/23/1999	-	49.95	22.55		27.40										
	3/27/2000		49.95	16.40		33.55	350	22	<0.5	<0.5	<0.5	580		PACE		
	5/22/2000	_	49.95	9.49		40.46							**			t
	8/31/2000	-	49.95	13.02		36.93										t
	12/11/2000		49.95	13.30		36.65										t
	3/20/2001		49.95	16.49	-	33.46	1,000	66.4	0.597	6.96	<1.5	398		PACE		
	6/19/2001		49.95	18.82		31.13										
	9/20/2001		49.95	21.59		28.36	230	<0.5	0.593	<0.5	<1.5	289		PACE		
	12/27/2001	-	49.95	17.37		32.58										•
	2/28/2002	-	49.95	15.81		34.14	<50	<0.5	<0.5	<0.5	<1.0	0.58		PACE		
	6/28/2002		49.95	17.09		32.86										
	9/12/2002		49.95	18.80	4.4	31.15	52	3.3	8.6	1.7	12	11		SEQ	7.0	

Table 1

Groundwater Elevation and Analytical Data

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-3	12/12/2002		49.95	20.57		29.38										
	3/10/2003		49.95	16.68		33.27	<50	<0.50	<0.50	<0.50	<0.50	<2.5		SEQ	7.0	
	5/12/2003		49.95	14.72		35.23										
	8/27/2003		49.95	18.50		31.45	<50	<0.50	<0.50	<0.50	0.5	<0.50			7.1	n
	11/10/2003		49.95	19.66		30.29										
	02/03/2004	P	49.95	15.33		34.62	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.0	
	08/31/2004	P	49.95	18.13		31.82	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.1	
	11/23/2004		49.95	16.48		33.47										
	01/18/2005	Р	49.95	13.06		36.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	_	SEQM	6.9	
	06/29/2005		49.95	13.00		36.95						2 4				
	09/01/2005		49.95	16.00		33.95		-	-							
	11/03/2005		49.95	18.91		31.04										
	02/14/2006	Р	49.95	12.90		37.05	86	<0.50	<0.50	<0.50	0.55	<0.50		SEQM	7.3	
MW-4	7/24/1992		50.76	30.02		20.74	42,000	3,200	3,600	1,400	4,100	==				
	7/27/1992		50.76	30.02		20.74				-						
	9/15/1992		50.76	31.14		19.62	55,000	7,600	13,000	2,800	9,500		-	ANA		С
	12/15/1992		50.76	31.98		18.78	36,000	3,700	4,700	1,200	4,000			ANA		c
	3/15/1993		50.76	25.34		25.42	69,000	7,600	15,000	2,500	11,000	**		PACE]
•	6/7/1993		50.76	25.67		25.09	73,000	10,000	19,000	3,400	14,000			PACE		
	9/23/1993		50.76	29.37		21.39				-						
	9/24/1993						59,000	5,300	10,000	2,200	8,400	309		PACE		đ
	9/24/1993		50.76				68,000	11,000	2,100	8,600	990	390		PACE		ı
	12/27/1993		50.76	29.40		21.36	32,000	2,500	4,400	1,300	4,400	387		PACE		ŀ
	4/5/1994		50.76	27.09		23.67	64,000	6,500	14,000	1,900	9,600	413	1.4	PACE		[
	7/22/1994		44				85,000	11,000	21,000	3,300	14,000	435	-	PACE		d, I
	7/22/1994		50.76	27.33		23.43	85,000	10,000	20,000	3,200	13,000	796	0.8	PACE		l "
	10/13/1994						51,000	7,400	13,000	2,100	9,100	773		PACE		d, I
	10/13/1994		50.76	28.25		22.51	51,000	7,100	13,000	2,100	8,900	506	2.9	PACE		e,l
	1/25/1995						28,000	4,200	12,000	1,500	7,800			ATI		d, I
	1/25/1995		50.76	21.85		28.91	26,000	3,600	9,600	1,200	6,400			ATI		
	4/19/1995						100,000	12,000	26,000	3,800	21,000			ATI		d
	4/19/1995		50.76	19.44		31.32	89,000	12,000	24,000	3,500	18,000		5.1	AT1		

Table 1

Groundwater Elevation and Analytical Data

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	7/5/1995		50.76	20.52		30.24	130,000	13,000	29,000	3,300	25,000		4.3	ATI		
	10/5/1995		50.76	24.23		26.53	110,000	10,000	23,000	3,600	17,000	34,000	2.1	ATI		
	1/12/1996						40,000	3,500	9,000	1,200	8,700	4,300		ATI		d
	1/12/1996	1	50.76	25.34		25.42	46,000	3,500	8,300	1,100	8,000	3,000	3.3	ATI		
	4/22/1996	-					61,000	8,300	16,000	1,600	15,200	36,000		SPL		d
	4/22/1996	1	50.76	19.13		31.63	40,000	5,100	9,600	980	11,800	29,000	3.2	SPL		
	7/2/1996						78,000	9,800	21,000	1,900	15,300	42,000		SPL		d
	7/2/1996		50.76	20.67		30.09	74,000	9,800	21,000	2,100	16,600	41,000	3.4	SPL		
	11/8/1996	1					110,000	9,100	20,000	3,000	15,400	39,000		SPL		d
	11/8/1996		50.76	20.95		29.81	100,000	7,900	16,000	2,500	13,700	37,000	3.7	SPL		
	1/3/1997						66,000	12,000	19,000	2,900	15,000	69,000		SPL		d
	1/3/1997		50.76	20.54	-	30.22	99,000	17,000	30,000	4,300	22,700	79,000	4.2	SPL		
·	4/28/1997						110,000	11,000	26,000	3,200	18,200	34,000		SPL		d
	4/28/1997		50.76	21.28		29.48	130,000	12,000	28,000	3,800	21,000	37,000	3.9	SPL		
•	7/1/1997		50.76	23.61		27.15	110,000	16,000	25,000	4,900	24,400	37,000	3.6	SPL		
	10/2/1997		50.76	25.39		25.37										
	10/3/1997						71,000	8,600	8,700	2,900	13,500	84,000		SPL		d
	10/3/1997		50.76				66,000	8,200	8,600	2,700	13,400	80,000	4.4	SPL.		
	1/9/1998		50.76	21.25		29.51	100,000	9,700	3,200	1,500	4,700	92,000	3.8	SPL]	
	5/6/1998						440,000	8,000	39,000	14,000	70,000	<5000		SPL		d
	5/6/1998		50.76	15.96		34.80	430,000	6,900	31,000	11,000	56,000	<5000	3.9	SPL		·
	7/21/1998						210,000	11,000	27,000	5,600	26,800	29,000		SPL		d
	7/21/1998		50.76	16.10		34.66	250,000	11,000	26,000	5,500	26,900	29,000	3.7	SPL		A TO THE COLUMN TO SERVICE AND ASSESSMENT OF T
	12/30/1998		50.76	20.91		29.85	370,000	11,000	22,000	8,500	40,000	90000/92000		SPL		j
	2/2/1999		50.76	20.13		30.63	190,000	4,100	19,000	4,800	32,000	28,000		SPL		
	5/10/1999		50.76	16.63		34.13	2,700	23	7.1	8.1	25	120		SPL		
	9/23/1999		50.76	22.48		28.28	180,000	11,000	29,000	7,000	38,000	12,000		SPL		
	12/23/1999		50.76	22.94		27.82	66,000	6,300	5,200	2,200	7,800	35,000		PACE		k
	3/27/2000		50.76	16.84	-	33.92	120,000	8,700	12,000	3,800	16,000	27,000		PACE		
	5/22/2000		50.76	17.85		32.91	110,000	7,600	16,000	4,400	20,000	25,000		PACE		
	8/31/2000	- 1	50.76	21.71		29.05	110,000	8,800	7,600	3,400	14,000	18,000		PACE		
	12/11/2000		50.76	22.05		28.71	70,000	4,580	3,480	2,550	9,220	24,400		PACE		

Table 1

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	3/20/2001		50.76	17.68		33.08	100,000	7,100	4,530	2,540	9,370	63,100		PACE		
	6/19/2001		50.76	19.40		31.36	180,000	7,430	14,600	5,400	25,300	36,100		PACE		
	9/20/2001		50.76	22.01	0.03	28.75										f, m
	12/27/2001		50.76	17.96	W	32.80	120,000	6,880	9,030	2,840	14,600	32,300		PACE		
	2/28/2002		50.76	17.06		33.70	80,000	4,920	5,450	2,220	12,300	35,900	-	PACE		n
	6/28/2002		50.76	17.76		33.00	48,000	2,780	2,770	1,530	6,790	25,100		PACE		
	9/12/2002		50.76	19.45		31.31	46,000	4,500	6,800	2,600	10,000	9,100		SEQ	6.8	
	12/12/2002		50.76	21.29		29.47	36,000	5,200	3,400	2,000	6,500	12,000		SEQ	6.7	
	3/10/2003		50.76	17.16		33.60	70,000	7,000	4,800	3,300	13,000	29,000		SEQ	6.7	
	5/12/2003	-	50.76	14.51		36.25	75,000	7,600	3,700	3,400	13,000	26,000	T	SEQ	6.8	
	8/27/2003		50.76	19.32		31.44	77,000	7,500	1,300	2,100	4,000	32,000		SEQ	6.8	n, s
	11/10/2003	Р	50.76	20.36		30.40	110,000	7,100	3,100	2,100	5,800	25,000		SEQM	6.6	
	02/03/2004	Р	50.76	16.51		34.25	160,000	8,400	9,700	5,000	23,000	26,000		SEQM	6.7	
	05/04/2004	Р	50.76	16.47	_	34.29	110,000	8,100	7,500	4,300	17,000	<250		SEQM	6.7	
	08/31/2004	Р	50.76	19.16		31.60	91,000	6,600	8,400	3,700	14,000	14,000		SEQM	6.7	
	11/23/2004	Р	50.76	18.02		32.74	7,400,000	20,000	150,000	320,000	1,400,000	23,000		SEQM	6.6	s
	01/18/2005	Р	50.76	14.21		36.55	170,000	5,400	14,000	6,900	33,000	8,800		SEQM	6.5	\$
	06/29/2005	Р	50.76	13.86		36.90	640,000	3,500	25,000	24,000	110,000	1,700		SEQM	7.2	
	09/01/2005	Р	50.76	16.89		33.87	100,000	3,800	11,000	4,900	33,000	1,100		SEQM	6.7	
***************************************	11/03/2005	Р	50.76	19.33		31.43	490,000	4,700	11,000	10,000	49,000	1,500	0.5	SEQM	6.6	
	02/14/2006	Р	50.76	13.55		37.21	970,000	60,000	7,000	36,000	140,000	38,000		SEQM	6.8	s
MW-6	7/24/1992		50.32	30.63		19.69	ND	1.6	ND	ND	ND		-			
•	7/27/1992		50.32	30.63		19.69							 			
	9/15/1992	-	50.32	31.52		18.80	<50	<0.5	<0.5	<0.5	<0.5			ANA		
	12/15/1992		50.32	32.42	_	17.90	58	1.3	<0.5	<0.5	<0.5			ANA		THE INTERNATION OF THE PARTY OF
	3/15/1993		50.32	26.29		24.03	<50	<0.5	0.6	<0.5	0.7			PACE		1
	6/7/1993		50.32	26.33		23.99	<50	<0.5	<0.5	<0.5	1.5			PACE		1
	9/23/1993		50.32	29.64		20.68										
	9/24/1993		50.32				<50	<0.5	<0.5	<0.5	<0.5	28.5		PACE		1
	12/27/1993	_	50.32	29.75		20.57	<50	<0.5	<0.5	<0.5	<0.5	55.4		PACE		e,l
	4/5/1994		50.32	27.26		23.06	<50	<0.5	<0.5	<0.5	<0.5	295	1.7	PACE		e,I
	7/22/1994		50.32	27.34		22.98	350	<0.5	<0.5	<0.5	<0.5	419	4.5	PACE		e,l

Table 1

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-6	10/13/1994		50.32													g
	1/25/1995		50.32	22.16		28.16	240	6	<0.5	<0.5	<1			ATI		
	4/19/1995		50.32													g
	7/5/1995		50.32	20.80		29.52	180	<0.50	<0.50	<0.50	<1.0		4.9	ATI		
	10/5/1995		50.32	24.20		26.12	860	<5.0	<5.0	<5.0	<10	3,600	2.8	ATI		
	1/12/1996		50.32	25.30		25.02	860	<5.0	<5.0	<5.0	<10	2,800	4.2	ATI		
	4/22/1996		50.32	19.13		31.19	<50	<0.5	<1	<1	<1	470	4.3	SPL		
	7/2/1996		50.32	20.66		29.66	100	<0.5	<1	<1	<1	1,100	4.2	SPL		
	11/8/1996		50.32	20.98		29.34	1,100	<5	<10	<10	<10	1,500	4.3	SPL		
	1/3/1997		50.32	20.53		29.79	<50	<0.5	<1.0	<1.0	<1.0	450	4.5	SPL		
	4/28/1997		50.32	21.25		29.07	1,400	<0.5	<1.0	<1.0	<1.0	3,500	4.4	SPL		
	7/1/1997	-	50.32	23.40		26.92	6,100	<0.5	<1.0	<1.0	<1.0	9,100	3.9	SPL		
	10/2/1997	-	50.32	25.16		25.16										
	10/3/1997		50.32				330	<0.5	<1.0	<1.0	<1.0	2,600	4.4	SPL		
	1/9/1998		50.32	21.13		29.19	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL		
	5/6/1998		50.32	16.11		34.21	410	<0.5	<1.0	<1.0	<1.0	500	3.6	SPL		
	7/21/1998		50.32	16.33		33.99	4,300	<5	<10	<10	<10	3,800	4.0	SPL		
	12/30/1998		50.32	20.89		29.43					-					
	2/2/1999		50.32	20.20		30.12										
	5/10/1999		50.32	16.75		33.57										
	9/23/1999		50.32	22.55		27.77	<50	<1.0	<1.0	<1.0	<1.0	1,600		SPL		
	12/23/1999		50.32	23.00		27.32										
	3/27/2000	-	50.32	16.89		33.43	1,700	4.4	0.54	<0.5	1	14,000		PACE		
	5/22/2000		50.32	18.02		32.30										
	8/31/2000		50.32	21.62		28.70	1,200	<0.5	<0.5	<0.5	<0.5	3,900	-	PACE		
	12/11/2000		50.32	21.81		28.51							-			
	3/20/2001		50.32	16.97		33.35	3,300	<0.5	<0.5	<0.5	<1.5	3,760		PACE		
	6/19/2001		50.32	19.30		31.02						==				MERTIT / FEATURE / FEATURE Mad No Flant at a Manda as a series as
	9/20/2001	-	50.32	22.00		28.32	2,200	2.04	8.1	3.62	13.7	2,460		PACE		
	12/27/2001		50.32	17.85		32.47	830	0.59	<0.5	<0.5	<1.0	1,040		PACE		
	2/28/2002		50.32	16.31		34.01	1,100	<0.5	<0.5	<0.5	<1.0	1,450		PACE		
	6/28/2002	_	50.32	17.57		32.75	<50	<0.5	<0.5	<0.5	<1.0	1,020		PACE		

Table 1
Groundwater Elevation and Analytical Data

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	9/12/2002		50.32	19.27		31.05	190	1.9	4.6	1	7.3	480		SEQ	7.1	
	12/12/2002		50.32	20.94		29.38	270	<2.5	<2.5	<2.5	<2.5	500		SEQ	6.9	
	3/10/2003		50.32	17.11		33.21	110	<0.50	<0.50	<0.50	<0.50	190		SEQ	7.0	
	5/12/2003	_	50.32	15.18		35.14	<50	<0.50	<0.50	<0.50	<0.50	36		SEQ	7.0	
	8/27/2003		50.32	18.90		31.42	<50	<0.50	<0.50	<0.50	<0.50	8.9		SEQ	7.0	n
	11/10/2003	Р	50.32	20.13		30.19	<50	<0.50	<0.50	<0.50	<0.50	4.5		SEQM	6.8	
	02/03/2004	NP	50.32	15.83		34.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	6.9	
	05/04/2004	P	50.32	15.62		34.70	<50	<0.50	<0.50	<0.50	<0.50	24	<u> </u>	SEQM	6.9	
	08/31/2004	P	50.32	18.56		31.76	<50	<0.50	<0.50	<0.50	<0.50	27	T	SEQM	7.0	***************************************
	11/23/2004	-	50.32	16.95		33.37										
	01/18/2005	Р	50.32	13.61		36.71	<50	<0.50	<0.50	<0.50	<0.50	1.3		SEQM	6.8	***************************************
	06/29/2005		50.32	13.55		36.77										
	09/01/2005		50.32	16.52		33.80										
	11/03/2005		50.32	19.28		31.04										
	02/14/2006		50.32					•=			••					g
MW-7	1/25/1995	_	51.4	21.67		29.73	<50	<0.5	<0.5	<0.5	<1		7.0	ATI		
	4/19/1995		51.4	25.27		26.13	<50	<0.5	<0.5	<0.5	<1		5.0	ATI		
	7/5/1995		51.4	24.63		26.77	<50	<0.50	<0.50	<0.50	<1.0		4.2	ATI		
	10/5/1995		51.4	28.21		23.19	83	<0.50	<0.50	<0.50	<1.0	77	4.5	ATI		
	1/12/1996		51.4	29.29		22.11	63	<0.50	<0.50	<0.50	<1.0	120	4.8	ATI		
	4/22/1996		51.4	23.11		28.29	<50	<0.5	<1	<1	<1	13	4.8	SPL		
	7/2/1996		51.4	23.56		27.84	<50	<0.5	<1	<1	<1	<10	4.8	SPL		
	11/8/1996		51.4	20.06		31.34	<50	<0.5	<1.0	<1.0	<1.0	<10	5.1	SPL		
	1/3/1997		51.4	23.42		27.98	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL		
	4/28/1997		51.4	24.12		27.28	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL		
	7/1/1997		51.4	26.40		25.00	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL		
	10/2/1997		51.4	28.14		23.26	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL		
	1/9/1998		51.4	24.02		27.38	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL		
	5/6/1998		51.4	21.00		30.40	1,900	<0.5	<1.0	<1.0	<1.0	1,800	3.5	SPL		
	7/21/1998		51.4	21.17		30.23	50	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL		
	12/30/1998		51.4	22.13		29.27										
	2/2/1999		51.4	22.08		29.32		-								

Table 1

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
MW-7	5/10/1999		51.4	18.58	м.	32.82	+-									
	9/23/1999		51.4	24.29		27.11	70	<1.0	<1.0	<1.0	<1.0	4,700		SPL		
	12/23/1999		51.4	24.53		26.87				-						
	3/27/2000		51.4	18.58		32.82	910	<0.5	<0.5	<0.5	<0.5	2,600		PACE		
	5/22/2000		51.4	19.49		31.91				-		~=				
•	8/31/2000		51.4	22.53		28.87	440	<0.5	<0.5	<0.5	<0.5	900		PACE		
	12/11/2000		51.4	22.75		28.65										
	3/20/2001		51.4	18.79		32.61	1,100	<0.5	<0.5	<0.5	<1.5	1,210		PACE		
	6/19/2001		51.4	19.82		31.58				-						
	9/20/2001		51.4	21.35		30.05	1,300	1.21	<0.5	<0.5	<1.5	1,550		PACE		
	12/27/2001		51.4	20.36		31.04	510	<0.5	<0.5	<0.5	<1.0	643		PACE	T	
	2/28/2002		51.4	21.86		29.54	250	<0.5	<0.5	<0.5	<1.0	317		PACE		
	6/28/2002	_	51.4	22.64	44	28.76	<50	<0.5	<0.5	<0.5	<1.0	102		PACE		
	9/12/2002		51.4	23.51		27.89	<50	<0.5	<0.5	<0.5	1	14		SEQ	7.5	
	12/12/2002	-	51.4	23.75		27.65	<50	<0.5	<0.5	<0.5	<0.5	<2.5		SEQ	7.5	
	3/10/2003		51.4	21.25		30.15	61	<0.50	<0.50	<0.50	<0.50	99		SEQ	7.6	
	5/12/2003		51.4	21.44		29.96	<100	<1.0	<1.0	<1.0	<1.0	120	-	SEQ	7.6	
•	8/27/2003	-	51.4	23.30		28.10	120	<0.50	<0.50	<0.50	<0.50	84		SEQ	7.6	n
	11/10/2003	Р	51.40	20.24		31.16	230	<1.0	<1.0	<1.0	<1.0	92		SEQM	6.7	0
	02/03/2004	Р	51.40	20.63		30.77	<250	<2.5	<2.5	<2.5	<2.5	91	-	SEQM	7.5	The state of the s
	05/04/2004	Р	51.40	21.89		29.51	<250	<2.5	<2.5	<2.5	<2.5	190	-	SEQM	7.6	k
	08/31/2004	Р	51.40	23.16		28.24	<500	<5.0	<5.0	<5.0	<5.0	220		SEQM	7.3	
	11/23/2004	Р	51.40	21.65		29.75	590	<2.5	5.0	11	51	290		SEQM	7.1	
	01/18/2005	P	51.40	16.28		35.12	<250	<2.5	<2.5	<2.5	2.5	92		SEQM	7.3	
	06/29/2005	Р	51.40	14.50		36.90	2,200	43	97	92	390	250	1	SEQM	8.0	
	09/01/2005	Р	51.40	20.41		30.99	<500	<5.0	<5.0	<5.0	<5.0	60		SEQM	7.5	
	11/03/2005	Р	51.40	21.00		30.40	130	<1.0	<1.0	<1.0	1.0	130	0.63	SEQM	7.2	w
	02/14/2006	Р	51.40	16.31		35.09	100	<0.50	<0.50	<0.50	0.87	62		SEQM	7.4	
MW-8	1/25/1995		50.88	31.59		19.29	54	<0.5	<0.5	<0.5	<1		7.1	ATI		
	4/19/1995		50.88	19.18		31.70	<50	<0.5	<0.5	<0.5	<1		5.1	ATI		
	7/5/1995		50.88	19.03		31.85	<50	<0.50	<0.50	<0.50	<1.0		4.5	ITA		
	10/5/1995		50.88	24.40		26.48	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.1	ATI		

Table 1

Groundwater Elevation and Analytical Data

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-8	1/12/1996		50.88	25.51		25.37	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.6	ATI		
	4/22/1996		50.88	18.00		32.88	<50	<0.5	<1	<1	<1	<10	4.8	SPL		
	7/2/1996		50.88	19.83		31.05	<50	<0.5	<1	<1	<1	<10	4.5	SPL		
	11/8/1996		50.88	20.09		30.79	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL		
	1/3/1997		50.88	19.72		31.16	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL		ACCORDED CONTROL CONTR
	4/28/1997		50.88	20.44		30.44	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL		
	7/1/1997		50.88	22.72		28.16	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL		
	10/2/1997		50.88	24.51		26.37	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL		
	1/9/1998		50.88	21.17		29.71	<50	<0.5	<1.0	<1.0	<1.0	<10	3.5	SPL		
	5/6/1998		50.88	18.34		32.54	<50	<0.5	<1.0	<1.0	<1.0	<10	3.6	SPL		
	7/21/1998		50.88	18.55		32.33	90	<0.5	<1.0	<1.0	<1.0	<10	3.3	SPL		
	12/30/1998		50.88	20.40		30.48		-								
	2/2/1999		50.88	19.28		31.60										
	5/10/1999		50.88	15.62		35.26										
	9/23/1999		50.88	21.74		29.14										
	12/23/1999		50.88	22.83		28.05										
	3/27/2000		50.88	16.25		34.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	T	PACE		
	5/22/2000		50.88	17.06		33.82										· · · · · · · · · · · · · · · · · · ·
	8/31/2000		50.88	21.72		29.16									TT	
	12/11/2000		50.88	22.03		28.85			-							
	3/20/2001		50.88	16.23		34.65	<50	<0.5	<0.5	<0.5	<1.5	0.991		PACE		
	6/19/2001		50.88	19.35		31.53										
	9/20/2001		50.88	21.95		28.93										
	12/27/2001		50.88	16.98		33.90		-								
	2/28/2002		50.88	15.38		35.50	<50	<0.5	<0.5	<0.5	<1.0	<0.5		PACE		
	6/28/2002		50.88	16.97		33.91										
	9/12/2002		50.88	19.47		31.41										
	12/12/2002		50.88	20.84		30.04				**						
	3/10/2003		50.88	16.56		34.32	<50	<0.50	<0.50	<0.50	<0.50	3		SEQ	7.1	
	5/12/2003	_	50.88	13.63		37.25										
	8/27/2003		50.88	18.90		31.98				==						n
	11/10/2003		50.88	19.68		31.20					-					

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Groundwater Elevation and Analytical Data

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-8	02/03/2004	Р	50.88	14.76		36.12	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.5	
	05/04/2004		50.88	14.69		36.19				***						
	08/31/2004		50.88	18.08		32.80				-						
	11/23/2004	NΡ	50.88	15.77		35.11										
	01/18/2005	Р	50.88	12.04		38.84	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.0	
	06/29/2005		50.88													٧
	09/01/2005		50.88	16.12		34.76										
	11/03/2005	-	50.88	19.42		31.46		-	-	•						
	02/14/2006	Р	50.88	12.43		38.45	<50	<0.50	<0.50	<0.50	<0.50	<0.50		SEQM	7.0	
MW-9	1/25/1995	-	51.05	22.32		28.73	<50	<0.5	<0.5	<0.5	<1	==	7.4	ATI		
	4/19/1995		51.05	19.86		31.19	<50	<0.5	<0.5	<0.5	<1		5.2	ATI		
	7/5/1995	_	51.05	20.78		30.27	<50	<0.50	<0.50	<0.50	<1.0		4.4	ATI		
	10/5/1995						52	<0.50	<0.50	<0.50	<1.0	160		ATI		d
	10/5/1995		51.05	24.33		26.72	<50	<0.50	<0.50	<0.50	<1.0		2.3	ATI		to the second
	1/12/1996		51.05	25.44		25.61	<50	<0.50	<0.50	<0.50	<1.0	<5.0	3.2	ATI		
•	4/22/1996		51.05	18.01		33.04	<50	<0.5	<1	<1	<1	11	3.5	SPL		
	7/2/1996		51.05	19.70		31.35	<50	<0.5	<1	<1	<1	<10	3.3	SPL		
	11/8/1996		51.05	19.96		31.09	<50	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL		
	1/3/1997		51.05	19.52		31.53	<250	<2.5	<5.0	<5.0	<5.0	<50	4.4	SPL		
	4/28/1997		51.05	20.22		30.83	<50	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL		
	7/1/1997	-	51.05	22.59		28.46	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL		
	10/2/1997		51.05	24.33		26.72							 			
	10/3/1997		51.05		an an		<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL		
	1/9/1998		51.05	21.11		29.94	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL		
	5/6/1998		51.05	18.26		· 32.79	<50	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL		
	7/21/1998		51.05	18.46		32.59	70	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL		
	12/30/1998	-	51.05													g
	2/2/1999		51.05										-			g
	5/10/1999		51.05								=-	<u></u>	T			g
	9/23/1999		51.05										-			g
	12/23/1999		51.05													g
	3/27/2000		51.05													g

Table 1
Groundwater Elevation and Analytical Data

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-9	5/22/2000		51.05													g
	8/31/2000		51.05	-				-								g
	12/11/2000	-	51.05		-								-			g
	3/20/2001		51.05										-			g
	6/19/2001		51.05					-	-							g
	9/20/2001	1	51.05	22.20		28.85	6,300	2.87	<0.5	<0.5	<1.5	8,640		PACE		
,	12/27/2001		51.05	18.92		32.13										
	2/28/2002		51.05	17.22		33.83	19,000	1,560	61.3	84	111	20,200		PACE		
	6/28/2002		51.05	18.20		32.85										
	9/12/2002		51.05	19.92		31.13	5,100	570	180	<25	220	6,400		SEQ	6.8	
	12/12/2002		51.05	21.78		29.27				-						
	3/10/2003		51.05	18.25		32.80	26,000	2,500	<100	<100	<100	33,000	·	SEQ	6.9	
	5/12/2003		51.05	16.29		34.76								SEQ		
	8/27/2003		51.05	19.69		31.36	11,000	830	<50	<50	<50	6,300		SEQ	7.1	n
•	11/10/2003		51.05	19.97		31.08							-			T - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	02/03/2004	Р	51.05	17.23		33.82	6,200	180	<50	<50	<50	2,100		SEQM	7.2	
	05/04/2004	_	51.05	17.17		33.88										
	08/31/2004	Р	51.05	19.71		31,34	<2,500	210	<25	<25	<25	1,500		SEQM	7.0	
	11/23/2004		51.05	18.58		32.47										
	01/18/2005	Р	51.05	14.98		36.07	490	32	<2.5	<2.5	8.9	130		SEQM	6.9	THE CONTRACTOR OF THE PARTY OF
	06/29/2005		51.05	14.74		36.31				_						
•	09/01/2005	P	51.05	17.42		33.63	3,500	1,300	<25	<25	28	240		SEQM	6.9	
	11/03/2005		51.05	19.90		31.15										
	02/14/2006	Р	51.05	12.95		38.10	2,700	<25	<25	<25	<25	2,200		SEQM	7.0	w
MW-10	1/9/1998			20.97			<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL		h
	5/6/1998			18.07			800	<0.5	<1.0	<1.0	<1.0	980	3.9	SPL		h
	7/21/1998			18.28			80	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL		h
	12/30/1998			22.22												h
	2/2/1999			21.83			940	<10	<10	<10	<10	690		SPL		h
	5/10/1999			17.99												h
	9/23/1999			22.61			<50	<1.0	<1.0	<1.0	1.4	1,000		SPL		h
	12/23/1999			23.75												h

Table 1

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	3/27/2000			18.83			1,900	<0.5	<0.5	<0.5	<0.5	28,000	_	PACE		h
	5/22/2000			19.47									T			h
	8/31/2000			22.64			1,700	<0.5	<0.5	<0.5	<0.5	13,000		PACE		h
	12/11/2000	_		22.84						-						h
	3/20/2001	-		19.57			16,000	<0.5	<0.5	<0.5	<1.5	1 1 ,900		PACE		h
	6/19/2001		·	20.63						· -						h
	9/20/2001			23.07			5,800	<0.5	<0.5	<0.5	<1.5	8,160		PACE		h
	12/27/2001			20.92			6,600	17.3	14.5	<12.5	<25	7,750		PACE		h
	2/28/2002			18.52			3,600	10.8	<0.5	<0.5	<1.0	5,380		PACE		h
•	6/28/2002			18.41			<50	<0.5	<0.5	<0.5	<1.0	2,570		PACE		h
	9/12/2002			20.57			660	<5.0	<5.0	<5.0	<5.0	3,300		SEQ	7.2	h
	12/12/2002			22.80			1,400	<5.0	<5.0	<5.0	<5.0	3,300		SEQ	6.9	h
	3/10/2003			19.26			1,700	<5.0	<5.0	5.3	15	2,800		SEQ	6.9	h
	5/12/2003			17.90			1,500	<12	<12	<12	<12	2,200		SEQ	6.9	h
	8/27/2003			20.82			4,100	<25	<25	<25	<25	2,800		SEQ	7.0	n, h
	11/10/2003	Р		21.92			<5,000	<50	<50	<50	<50	3,300		SEQM	6.8	
	02/03/2004	P		18.52	u		5,100	<50	<50	<50	<50	2,300	_	SEQM	7.0	q
	05/04/2004	Р		17.63			<2,500	<25	<25	<25	<25	1,600	-	SEQM	6.8	,
	08/31/2004	Р		20.67			<5,000	<50	<50	<50	<50	1,900		SEQM	7.0	
	11/23/2004	Р		19.79			2,600	<25	<25	<25	<25	2,300		SEQM	6.8	
	01/18/2005	Р		16.13			560	<5.0	<5.0	<5.0	<5.0	530		SEQM	6.9	
	06/29/2005	P		15.56			110	1.9	4.6	4.2	17	71		SEQM	6.8	· · ·
	09/01/2005	Р		18.10			<250	<2.5	<2.5	<2.5	<2.5	280	T	SEQM	6.9	
	11/03/2005	Р		20.90			800	<5.0	<5.0	<5.0	7.0	770	0.71	SEQM	6.8	W
	02/14/2006	P		15.58			600	<0.50	<0.50	<0.50	<0.50	400		SEQM	7.1	х
QC-2	9/15/1992						<50	<0.5	<0.5	<0.5	<0.5		T	ANA		· i
	12/15/1992				_		<50	<0.5	<0.5	<0.5	<0.5			ANA		i
	3/15/1993						<50	<0.5	<0.5	<0.5	<0.5			PACE		i, I
	6/7/1993						<50	<0.5	<0.5	<0.5	<0.5			PACE		i, I
	9/24/1993						<50	<0.5	<0.5	<0.5	<0.5	<5.0		PACE		i, l
	12/27/1993						<50	<0.5	<0.5	<0.5	<0.5	<5.0		PACE		i, l
	4/5/1994						<50	<0.5	<0.5	<0.5	<0.5	<5.0	 	PACE		i, I

Table 1

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
QC-2	7/22/1994						<50	<0.5	<0.5	<0.5	<0.5	<5.0		PACE		i, l
	10/13/1994						<50	<0.5	<0.5	<0.5	<0.5	<5.0		PACE		i, l
•	1/25/1995						<50	<0.5	2	0.6	1			ΑTI		i
	4/19/1995						<50	<0.5	<0.5	<0.5	<0.5			ATI		i
	7/5/1995		_				<50	<0.50	<0.50	<0.50	<1.0			ATI		į
	10/5/1995						<50	<0.50	<0.50	<0.50	<1.0	<5.0		ATI		i
	1/12/1996						<50	<0.50	<0.50	<0.50	<1.0	<5.0		ATI		i
	4/22/1996						<50	<0.5	<1	<1	<1	<10		SPL		i
	7/2/1996	_					<50	<0.5	<1	<1	<1	<10		SPL		i

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117 7210 Bancroft Ave., Oakland, CA

ABBREVIATIONS AND SYMBOLS:

< = Not detected at or laboratory reporting limit</p>

--- = Not analyzed/applicable/measurable

μg/L = Micrograms per liter

ANA = Anamatrix, Inc.

ATI = Analytical Technologies, Inc.

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 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

PACE = Pace, Inc.

SEQ/SEQM = Seguoia/Seguoia Morgan Hill Analytical

SPL = Southern Petroleum Laboratories

TOC = Top of casing in ft MSL

TPH-g = Total petroleum hydrocarbons as gasoline

FOOTNOTES:

- c = Concentrations reported as diesel from MW-1, MW-2 and MW-4 are primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene.
- d = Blind duplicate.
- e = A copy of the documentation for this data is included in Appendix C of Alisto report 10-018-05-004.
- f = Well not sampled due to presence of free product (FP).
- q = Well inaccessible.
- h = TOC not surveyed.
- i = Travel blank.
- i = EPA method by 8020\8260.
- k = Samples ran outside of EPA recommended hold time.
- I = A copy of the documentation for this data can be found in Blaine Tech Services report 010619-C-2. The MTBE data for the March 15, 1993 and June 7, 1993 events have been destroyed.
- m = Thickness of SPH is only an estimate. The resulting GWE will not be used in contouring.
- n = Samples analyzed by EPA Method 8260B for TPH-g, benzene, toluene, ethylbenzene, total xylenes, and fuel oxygenates.
- o = Discrete peak @ C6-C7.
- g = Discrete peak @ C5-C6.
- r = Well was dry.
- s = Sheen in well.
- t = DTW and resulting GWE were anomalous and not used in groundwater contouring.
- u = Anomalously low concentrations reported from Cambria. Do not appear to support historic trends.
- v = Unable to locate well.
- w = The hydrocarbon result for GRO was partly due to individual peaks in the quantitation range.
- x = Initial analysis for MTBE within holding time but required dilution.

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11117 7210 Bancroft Ave., Oakland, CA

NOTES:

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

Casing elevations surveyed to the nearest 0.01 ft MSL.

GWE adjusted assuming a specific gravity of 0.75 for FP.

During the third quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP.

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 second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.

Values for pH and DO are field measurements.

Table 2

Fuel Additives Analytical Data

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
EX-1	05/04/2004	<5,000	<1,000	2,500	<25	<25	38	<25	<25	
	08/31/2004	<10,000	<2,000	2,100	<50	<50	<50	<50	<50	
	11/23/2004	<5,000	<1,000	3,000	<25	<25	74	<25	<25	
	01/18/2005	<5,000	<1,000	2,200	<25	<25	54	<25	<25	a
	06/29/2005	<5,000	<1,000	1,400	<25	<25	30	<25	<25	
	09/01/2005	<5,000	<1,000	2,000	<25	<25	46	<25	<25	
	11/03/2005	<5,000	<1,000	3,000	<25	<25	87	<25	<25	
	02/14/2006	<15,000	<1,000	1,100	<25	<25	<25	<25	<25	а
EX-2	05/04/2004	<100	<20	46	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2004	<500	<100	130	<2.5	<2.5	3.4	<2.5	<2.5	The state of the s
	11/23/2004	<100	<20	5.8	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/18/2005	<100	<20	6.5	<0.50	<0.50	<0.50	<0.50	<0.50	а
	06/29/2005	<100	<20	24	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/01/2005	<100	<20	55	<0.50	<0.50	0.56	<0.50	<0.50	
	11/03/2005	<100	<20	39	<0.50	<0.50	0.80	<0.50	<0.50	
	02/14/2006	<300	<20	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	a
MW-1	8/27/2003	<100	<20	4.2	<0.50	<0.50	<0.50			
	11/10/2003	<100	<20	0.51	<0.50	<0.50	<0.50			
	02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/04/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2004	<100	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/18/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	а
	02/14/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	а
MW-2	8/27/2003	<25,000	<5,000	5,100	<120	<120	140		- 1	
	11/10/2003	<50,000	<10,000	4,200	<250	<250	<250			
	02/03/2004	<100,000	<20,000	1,900	<500	<500	<500	<500	<500	
	05/04/2004	<50,000	<10,000	2,500	<250	<250	<250	<250	<250	
	08/31/2004	<50,000	<10,000	3,400	<250	<250	<250	<250	<250	
	11/23/2004	<50,000	<10,000	2,400	<250	<250	<250	<250	<250	
	01/18/2005	<20,000	<4,000	3,700	<100	<100	<100	<100	<100	а
	06/29/2005	<10,000	<2,000	3,600	<50	<50	72	<50	<50	
	09/01/2005	<20,000	<4,000	5,100	<100	<100	100	<100	<100	

Table 2

Fuel Additives Analytical Data

11/03/2005 02/14/2006	(μg/L) <20,000	(µg/L)	(µg/L)	(µg/L)					
	1 <20.000				(µg/L)	(µg/L)	(µg/L)	(µg/L)	Comments
02/4 <i>4/2</i> 00 <i>0</i>		<4,000	3,700	<100	<100	100	<100	<100	
02/14/2006	<60,000	<4,000	3,400	<100	<100	<100	<100	<100	a
8/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50			
02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/31/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/18/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	а
02/14/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
8/27/2003	<50.000	<10.000	32.000	<250	<250	250			
		· · · · · · · · · · · · · · · · · · ·	·	· · · · · · · · · · · · · · · · · · ·			· · · · · ·		
02/03/2004				 					
				· · · · · · · · · · · · · · · · · · ·					
08/31/2004	<50,000		14,000	1.			·		
11/23/2004	<500,000	<100,000	23,000	ļ		l			
01/18/2005	<50,000	<10,000	8,800	<250	<250		<250		а
06/29/2005	<50,000	<10,000	1,700	<250	<250	<250	<250	<250	
09/01/2005	<100,000	<20,000	1,100	<500	<500	<500	<500	<500	
11/03/2005	<100,000	<20,000	1,500	<500	<500	<500	<500	<500	
02/14/2006	<300,000	<20,000	38,000	<500	<500	1,000	<500	<500	а
8/27/2003	<100	<20	8.9	<0.50	<0.50	<0.50			
			*****						a
05/04/2004	<100								ŭ.
08/31/2004	<100			 					
01/18/2005	<100	<20	1.3	<0.50	<0.50	<0.50	<0.50		а
8/27/2003	<100	<20	0.4	<0.50	∠0.50	∠ 0.50			
]					
									
									а
	02/03/2004 08/31/2004 01/18/2005 02/14/2006 8/27/2003 11/10/2003 02/03/2004 05/04/2004 01/18/2005 06/29/2005 09/01/2005 11/03/2005 02/14/2006 8/27/2003 11/10/2003 02/03/2004 05/04/2004 08/31/2004	02/03/2004 <100	02/03/2004 <100	02/03/2004 <100	02/03/2004 <100	02/03/2004 <100	02/03/2004 <100	02/03/2004 <100	02/03/2004 <100

Table 2

Fuel Additives Analytical Data

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-7	06/29/2005	<500	<100	250	<2.5	<2.5	<2.5	<2.5	<2.5	
···	09/01/2005	<1,000	<200	60	<5.0	<5.0	<5.0	<5.0	<5.0	
	11/03/2005	<200	<40	130	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/14/2006	<300	<20	62	<0.50	<0.50	<0.50	<0.50	<0.50	а
MW-8	02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/18/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
	02/14/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
MW-9	8/27/2003	<10,000	<2,000	6,300	<50	<50	<50		-	
	02/03/2004	<10,000	<2,000	2,100	<50	<50	<50	<50	<50	a
	08/31/2004	<5,000	<1,000	1,500	<25	<25	<25	<25	<25	
	01/18/2005	<500	150	130	<2.5	<2.5	<2.5	<2.5	<2.5	а
	09/01/2005	<5,000	2,700	240	<25	<25	<25	<25	<25	
•	02/14/2006	<15,000	<1,000	2,200	<25	<25	<25	<25	<25	а
MW-10	8/27/2003	<5,000	<1,000	2,800	<25	<25	<25			
	11/10/2003	<10,000	<2,000	3,300	<50	<50	<50		-	
	02/03/2004	<10,000	<2,000	2,300	<50	<50	<50	<50	<50	a
	05/04/2004	<5,000	<1,000	1,600	<25	<25	<25	<25	<25	
	08/31/2004	<10,000	<2,000	1,900	<50	<50	<50	<50	<50	
	11/23/2004	<5,000	<1,000	2,300	<25	<25	<25	<25	<25	
	01/18/2005	<1,000	<200	530	<5.0	<5.0	<5.0	<5.0	、<5.0	. a
	06/29/2005	. <100	<20	71	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/01/2005	<500	<100	280	<2.5	<2.5	<2.5	<2.5	<2.5	
	11/03/2005	<1,000	<200	770	<5.0	<5.0	<5.0	<5.0	<5.0	
	02/14/2006	<300	34	400	<0.50	<0.50	1.2	<0.50	<0.50	a, b

Table 2

Fuel Additives Analytical Data

Former BP Station #11117 7210 Bancroft Ave., Oakland, CA

ABBREVIATIONS AND SYMBOLS:

-- = Not analyzed/applicable/measurable

< = Not detected above reported detection limit

1,2-DCA = 1,2-Dichloroethane

μg/L = Micrograms per Liter

DIPE = Di-isopropyl ether

EDB = 1, 2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

FOOTNOTES:

a = The continuing calibration verficiation 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.

b = Initial analysis for MTBE within holding time but required dilution.

NOTES:

All volatile organic compounds analyzed using EPA Method 8260B.

Table 3

Groundwater Gradient Data

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
9/12/2002	Northeast	0.03
12/12/2002	Northeast	0.02
3/10/2003	Northeast	0.03
5/12/2003	North-Northeast	0.055
8/27/2003	North-Northeast	0.036
11/10/2003	North-Northeast	0.012
2/3/2004	Northeast	0.013
5/4/2004	Northeast	0.015
8/31/2004	Northeast	0.010
11/23/2004	North-Northeast	0.04
1/18/2005	Northeast	0.02
6/29/2005	Variable	0.003, 0.006
9/1/2005	North	0.03
11/3/2005	North	0.008
2/14/2006	North-Northeast	0.02

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

Proje	ect # _ <i>OU</i>	1024-4111	Date	Client	Arco # 1/1/7
Site	7210	BANCRAFT	Dakland a	4	

	Well		Depth to	Thickness of	Volume of Immiscibles	1		Survey	
Well ID	Size (in.)	Sheen / Odor	Immiscible Liquid (ft.)	Immiscible	Removed	Depth to water (ft.)	Depth to well bottom (ft.)	1 '	
NW-1	2				()	12.29	34.45		Preassure
MW-2	2					13.72	39.40		Pressure
NW-3	2					12.90	40.85		
MW-4	2	Sheen				13.55	39.65	/	Pressure
MW-6		Į.	ced Ov	ev				/	
MW 7	2					16.31	44.75		Preassure
MW-8	2	Acceptable of the party of the				12.43	39.60		Ge assure
MW-9	2	A PRINCIPAL METER AND				12.95	39.10		Bressus
MW-10	2	***************************************				15.53	35.75		
Ex-1	4	No	SPH De	ected		15.40	37.25		Pressure
Ex-2	4	No.	SPH Do	tected		14.54	34.95	1	Pressure
				٠.~					

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

ARCO / BP WELL MONITORING DATA SHEET

BTS#: D	60214-	MI		Station # ////7					
F .	M.) J.D.			Date: 2/14/190					
Well I.D.	MW-1			Well Diameter: 2 3 4 6 8					
Total We	ll Depth:	36.45		Depth to Water: 12.29					
Depth to	Free Produ	ct:		Thickness of Free Product (feet):					
Reference	ed to:	(PVC)	Grade.	DO Meter (if reald)					
	Well Diamete					YSI	HACH		
	f.,	•	0.04		<u>fultiplier</u>).65				
	2" 3"		0.16		.47				
Durge Math	<u> </u>	***	0.37		s ² + 0.163				
Purge Metho		Bailer		Sampling Method:	Bailer				
		sposable Bail			Disposable Bailer				
		e Air Displac			Extraction Port				
		tric Submers		Other:					
		ktraction Pun	p						
	Other:								
Top of Scree	en:		If well is listed as a	no-purse confirm	that water level is be				
-			of screen Otherwi	se, the well must be	that water level is be	elow the top	,		
			OT SOLDER. OTHER WI	se, the well limst be	purged.				
	1 3	9	x 3	_ A	2				
	1 Case Vol	me (Gals.)	Specified Vo	lumes Cale	T Gals.				
			Conductivity	Can	i volume				
Time	Temp (°F)	pН	1						
	1.		(mS or μS)	Gals. Removed	Observations		· · · · · · · · · · · · · · · · · · ·		
1057	66.3	7.1	409	3.9					
1059	00.4	7.0	455	7.8					
1101	66.7	7.0	455	11.7					
Did well	dewater?	Yes	(No)	Gallons actual	ly evacuated:	2	· · · · · · · · · · · · · · · · · · ·		
Sampling	g Time: ///	76		Sampling Date		<u>. T</u>	<u> </u>		
			 						
Sample I.D.: MW- Laboratory: Pace Sequoia Other Analyzed for: GRO CTEX MTBE DRO CRYS (2-DCA) EDB Strand Other:									
D.O. (if r		of A GIEN W	TBE DRO Oxys (2-D		Other:	***************************************			
· · · · · · · · · · · · · · · · · · ·			Pre-purge:		Post-purge:		$^{mg}\!/_{L}$		
O.R.P. (i		ices In	Pre-purge	mV	Post-purge: DSE, CA 95112		mV		
•			·· · · · · · · · · · · · · · · · · · ·	» Ave., 5an J	DS e, CA 95112	(408) 5	73-0555		

ARCO / BP WELL MONITORING DATA SHEET

BTS#: 060214-MTT		Station # ////7					
Sampler (M) J.D.		Date: 2/14/de					
Well I.D.: NW.2		Well Diameter: (2) 3 4 6 8					
Total Well Depth: 39.40		Depth to Water: 13.72					
Depth to Free Product:		Thickness of Free Product (feet):					
Referenced to: (PVC)	Grade.	DO Motor (if world)					
Well Diameter i" 2" 3"	Multiplier W 0.04 0.16 0.37	fell Diameter Mn 4" 0.6 6" 1.4	lltiplier 55	/SI HACH			
Purge Method: Bailer		Sampling Method:	Bailer				
Disposable Ba			Disposable Batter				
Positive Air Displa		0.1	Extraction Port				
Extraction Pur		Other:					
Other:	•• •						
Top of Screen:	If well is listed as a of screen. Otherwi	no-purge, confirm t se, the well must be	hat water level is be purged.	low the top			
1 Case Volume (Gals.)	X Specified Vo	= 12	Gals.				
	Conductivity		Didica Volume				
Time Temp (°F) pH	(mS or µS)	Gals. Removed	Observations				
1250 69.7 6.9	754	4.1	adar				
1252 70.1 6.9	717	8.2	11				
1254 70.0 6.9	705	12.3	11				
				6 .			
				8			
Did well dewater? Yes	16	Gallons actuall	y evacuated: /2	.3			
Sampling Time: 12/		Sampling Date: 2/4/06					
Sample I.D.: ww-L		Laboratory:	Pace Sequoia	Other			
Analyzed for: R R R R R R R R R R R R	MTBB DRO (NYS) (2-1		Other:				
D.O. (if req'd):	Pre-purge	ma	Post-purge:	mg/ _t			
O.R.P. (if req'd): Blaine Tech Services Ir	Pre-purge		Post-purge:				

ARCO / BP WELL MONITORING DATA SHEET

BTS #: D	60214-	MI		Station # ////7					
Sampler:(47) J.D.			Date: 2/14/00					
Well I.D.:	MW-3	···		Well Diameter: 2 3 4 6 8 Depth to Water: 12.90					
Total Wel	l Depth:	40.85							
Depth to I	Free Produc	et:		Thickness of Free Product (feet):					
Reference	d to:	(PVC)	Grade .	D.O. Meter (if req'd): YSI HACH					
	Well Diameter 1" 2" 3"		<u>Mitiplier</u> <u>V</u> 0.04 0.16 0.37	Vell Diameter Mr 4" 0. 6" 1.	ultiplier 65 47 ² * 0.163				
Purge Metho		Bailer		Sampling Method: Bailer					
		posable Baile Air Displace		•	Extraction Port				
		tric Submersi	1	Other:					
	Other:	traction Pum	p 						
Top of Scree	en:		If well is listed as a of screen. Otherwi	no-purge, confirm t ise, the well must be	hat water level is be purged.	elow the top			
	4.4		xS	= 13.5 Gals. Volumes Calculated Volume					
			Conductivity						
Time	Temp (°F)	pН	(mS or μS)	Gals. Removed	Observations		····		
1030	106.5	7.0	506	4.5					
1032	66.6	7.2	491	9					
1034	67.1	7.3	489	13.5					
							· · · · · · · · · · · · · · · · · · ·		
Did well	dewater?	Yes	N ₉	Gallons actual	y evacuated:	3.5	.,		
Sampling	g Time: //	40		Sampling Date	· · · · · · · · · · · · · · · · · · ·				
Sample I	.D.: Mw-3		(3-xtm)	Laboratory:	Pace Sequoia	Other			
Analyze	d for: 🦽	<u>80</u> €TEX) M		DCA BDB Ethanol	Other:				
DO (10 11)			Pre-purge	-	Post-purge:		^{mg} /		
O.R.P. (i	f req'd):		Pre-purge	-			mV		
Blaine '	Tech Serv	ices Inc	:. 1680 Roge	re Ava San I		1 (450) =	***		

BTS#: D	00214-	MITI		Station # ////		, .
Sampler:	10.0.D	····		Date: 2/14/01	,	
Well I.D.:	NW.4			Well Diameter:	② 3 4	6 8
Total Wel	l Depth: 💈	39.65		Depth to Water	: 13.55	
Depth to I	ree Produc	ct:			ree Product (fee	t):
Reference	d to:	(PVC)	Grade.	D.O. Meter (if		
D M. et	Well Diamete L" 2" 3"	er <u>A</u>	10 tiplier <u>V</u> 0.04 0.16 0.37	/ell Diameter M 4" C 6" I Other radiu	<u>Mhiplier</u> .65 .47 s ² * 0.163	YSI HACH
Purge Metho		Bailer		Sampling Method:		
		sposable Baile e Air Displac			Disposable Bailer	
	_	tric Submers		Othor	Extraction Port	
		traction Pum		Other:		
	Other:		<u> </u>			
Top of Scree	iu.		If well is listed as a		49	_
	····		of screen. Otherwi	se the well must be	that water level is be	elow the top
	/	-	or corporation of the transfer	se, the well must be	purged.	
	<u>-</u>	.2	x3	=	/2.6 Gals.	
	I Case Volu	ime (Gais.)	Specified Vo	lumes Cal	culated Volume	
T':	Town (°E)	~~	Conductivity			
Time	Temp (°F)	pН	(mS or µS)	Gals. Removed	Observations	
1307	70.3	6.9	921	4.2	Ober She	ext Clear
1309	70.5	6.8	947	8.4	" 4	lay Sheen
[3]	70.9	6.8	949	12.6	l <i>II</i> — — .	car Sheen
	* Doub	le che	hed for St	H W/Total	we Probe. 1	Now-Hersenable
Did well	dewater?		(No)	Gallons actual	ly evacuated: 12	2.60
Sampling	Time: 12	215		Sampling Date	: 2/H/as	
Sample I	.D.: NW-	4		Laboratory:	Pace Sequoia	Other
Analyzed		<u> </u>	TBE DRO ONYS (2-D	CA BDB Elizanol	Other:	
D.O. (if r	req'd):		Pre-purge	mg/	Post-purge:	mg/t
O.R.P. (i			Pre-purge		Post-purge:	mV
Blaine 7	Tech Serv	ices, inc	c. 1680 Roge	's Ave., San J	OSA CA DE445	/408) 572 OFFE

BTS#: D	TS#: 060214-MTT				Station # ////7				
Sampler:	4r.) J.D.			Date: 2/14/10					
Well I.D.:	Mw.6			Well Diam	eter: 2	3 4	6	8	
Total Wel	l Depth:			Depth to W	/ater:			**************************************	
Depth to I	Free Produc	et:		Thickness	of Free Pr	oduct (fe	 et):		
Reference	ed to:	(PVC)	Grade.	D.O. Meter			YSI	HACH	
	Well Diameter 1" 2" 3"	_	<u>Multiplier</u> <u>y</u> 0.04 0.16 0.37	Vell Diameter 4" 6" Other	Multiplier 0.65 1.47 radius ² * 0.16				
Purge Metho	Di: Positiv	Bailer sposable Baile e Air Displac	ement	Sampling Me	Exp	Baller sable Batter action Port		L	
	En Other:	tric Submersi		C	Other:		•		
Top of Scree	en:		If well is listed as of screen. Otherw	a no-purge, cor ise, the well m	nfirm that wa ust be purge	ater level is l d.	below t	he top	
	1 Case Voh	ıme (Gals.)	xS	olumes	Calculated	Gals,			
Time	Temp (°F)	рН	Conductivity (mS or µS)	Gals. Remo	oved Ob	servations			
0845	Parke	d our							
1045	Parlus	1 000						***************************************	
1415	Parke	Ove							
		NO	A Inace	essible	No 50	mple	tak	<u>-M</u>	
Did well	dewater?	Yes	No 7	Gallons ac	ctually ev	acuated:			
Sampling	g Time:			Sampling					
Sample I	.D.: Mw.	b		Laborator			. 0	Other	
Analyze	d for: / <	1800 et 1800 m	TBE DRO (1/3) (2	DCA EDB Elhano	Othe	7	· · · · · · · · · · · · · · · · · · ·		
D.O. (if	req'd): [[]		Pre-purge	e:	mg/L	Post-purge):	mg	
O.R.P. (i			re-purg		mV	Post-purge	e:	m	
Blaine '	Tech Serv	ices. in	c. 1680 Roge	re Ava S:	an loco	CA DEAA	2 /40	01 250 055	

Well I.D.: MUST Potal Well Depth: A4.75 Depth to Free Product: Referenced to: Purge Method: Bailer Disposable Bailer Dis	BTS#: D	BTS#: 060214-MTT				Station # ////7				
Depth to Water:	Sampler:/	M, J.D.			Date: 2/14/00					
Depth to Water:	Well I.D.:	MW7			Well Diameter:	2 3 4	6 8			
Referenced to: PUC Grade D.O. Meter (if req'd): YSI HACH Well Bannier Multiplier Well Discreter Monthbeller 0.55 2' 0.16 6' 6' 0.55 3' 0.57 Other radius' 2 0.163 Purge Method: Bailer Disposable Bailer Positive Air Displacement Extraction Pump Other: Top of Screen: If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged. Time Temp (°F) pH (mS or µS) Gals. Removed Observations 3b			14.75		Depth to Water	: 1631				
Referenced to: Well Diameter Other To Oo4 4" 0 065 0.65 0.147 Other radius* 0.163 Bailer Disposable Bailer Positive Air Displacement Well Diameter Disposable Bailer Disposable Bailer Disposable Bailer Dother: Top of Screen: If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged. A.C. X 3 = 133 Gals. Calculated Volume Time Temp ("F) pH (mS or µS) Gals. Removed Observations 3b	Depth to I	ree Produc	et:		Thickness of Fr	ee Product (feet	 t):			
Well blaneser Methods: Well Damester Montholister 1.004 4.004 4.006 6.006 1.47 1.47 1.47 1.47 1.47 1.47 1.47 1.47	Reference	d to:	PVC	Grade.	D.O. Meter (if	rea'd):	<u></u>	HACH		
Disposable Bailer Positive Air Displacement Extraction Pump Other: Top of Screen: If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged. Top of Screen: Temp (°F) pH (mS or µS) Gals. Removed Observations Time Temp (°F) pH (mS or µS) Gals. Removed Observations 3b	Purge Metho	1" 2" 3"		<u>Sultiplier W</u> 0.04 0.16	Tell Diameter M 4" 0 6" I Other radius	ultiplier .65 .47 .2 * 0.163		inci		
Positive Air Displacement Extraction Port Other: Top of Screen:	r mige latering			÷r	Sampling Method:					
Case Volume (Gals.) Conductivity Conductivity (mS or μS) Gals. Removed Observations 13.8 7.2 5.50 13.8 14.7 72.6 7.4 5.50 13.8 Sampling Time: 4.5			-							
Other: Top of Screen: If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged. A L X S = 135 Gals. I Case Volume (Gals.) Time Temp (°F) pH (mS or μS) Gals. Removed Observations 3b		2# Elec	tric Submersi	ble	Other:					
Top of Screen: If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged. A				р						
Time Temp (°F) pH (mS or μS) Gals. Removed Observations 3b 71.8 7.7 50b 4b 3b 70.8 7.4 550 4η 70.0 7.4 550 50 Sampling Time: 45 45 Sample I.D.: May-7 40 Analyzed for: Geo Temp MTBE DRO T	Top of Scree			If well is listed as a of screen. Otherwi	no-purge, confirm se, the well must be	that water level is be purged.	elow the t	ор		
Time Temp (°F) pH (mS or μS) Gals. Removed Observations 3b 71.8 7.7 50b 4b 3b 70.8 7.4 550 4η 70.0 7.4 550 50 Sampling Time: 45 45 Sample I.D.: May-7 40 Analyzed for: Geo Temp MTBE DRO T		4.0	10	x 3	= /2	38 01				
Time Temp (°F) pH (mS or μS) Gals. Removed Observations 3b 71.8 7.7 506 46 3B 70.8 7.5 542 9.2 4η 70.6 7.4 550 3.8 Did well dewater? Yes No Gallons actually evacuated: 33 Sampling Time: 45 Sampling Date: 2/μ/μω Sample I.D.: Mayo-7 Laboratory: Pace sequence Other Analyzed for: QBO CEN MTBE DRO CHYS (2.2024 EDB Quane) Other: D.O. (if req'd): Pre-purge: mV Post-purge: mV		l Case Volu	ıme (Gals.)		lumes Cal					
Did well dewater? Yes Go Gallons actually evacuated: 33 Sampling Time: 145 Sampling Date: 2/4/46 Sample I.D.: MW-7 Laboratory: Pace sequois Other Analyzed for: GRO GRO MTBB DRO GRY3 (2-DCA SBB Glano) Other: D.O. (if req'd): Pre-purge: mV Post-purge: mV	Time	Temp (°F)	pН	_	Gals. Removed	Observations				
Did well dewater? Yes Go Gallons actually evacuated: 33 Sampling Time: 145 Sampling Date: 2/4/46 Sample I.D.: MW-7 Laboratory: Pace sequois Other Analyzed for: GRO GRO MTBB DRO GRY3 (2-DCA SBB Glano) Other: D.O. (if req'd): Pre-purge: mV Post-purge: mV	1136	21.8	7.7	5 <i>0</i> 6	4.6					
Did well dewater? Yes Sampling Time: 145 Sampling Date: 2/4/66 Sample I.D.: May 7 Laboratory: Pace Sequels Other Analyzed for: GRO GRO MTBE DRO GRY (2-DCA RDB Glasso) Other: D.O. (if req'd): Pre-purge: mV Post-purge: mV	1138	70.3	7.5	542	9.2					
Sampling Time: 145 Sampling Date: 2/4/66 Sample I.D.: Mo-7 Laboratory: Pace Sequois Other Analyzed for: GRO STEN MTBE DRO GRY Q-DCA GDB Gulanol Other: D.O. (if req'd): Pre-purge: mV Post-purge: mV	1147	70.60	7.4	550	13.8					
Sampling Time: 145 Sampling Date: 2/4/66 Sample I.D.: Mo-7 Laboratory: Pace Sequois Other Analyzed for: GRO STEN MTBE DRO GRY Q-DCA GDB Gulanol Other: D.O. (if req'd): Pre-purge: mV Post-purge: mV										
Sampling Time: 145 Sampling Date: 2/4/66 Sample I.D.: Mo-7 Laboratory: Pace Sequois Other Analyzed for: GRO STEN MTBE DRO GRY Q-DCA GDB Gulanol Other: D.O. (if req'd): Pre-purge: mV Post-purge: mV										
Sample I.D.: MU-7 Laboratory: Pace Sequois Other Analyzed for: GRO TEN MTBE DRO GRY3 (2-DCA RDB fulsno) Other: D.O. (if req'd): Pre-purge: mV Post-purge: mV	Did well	dewater?	Yes	(A)	Gailons actual	ly evacuated: /3	3	4.3t		
Analyzed for:			5		Sampling Date	: 2/14/00				
D.O. (if req'd): Pre-purge: mg/ Post-purge: mg/ Post-purge: mV Post-purge: mV	Sample I	.D.: MW-	7		Laboratory:	Pace Sequoia	Othe	r		
O.R.P. (if req'd): Pre-purge: mV Post-purge: mV	Analyzed	d for:	IRD OTEN M	TBE DRO (NY3) (2-1	DCA RDB Rilianoi	Other:				
Inv	D.O. (if 1	req'd):		Pre-purge	e: mg/	Post-purge:		^{mg} /		
					1	1		${ m mV}$		

BTS #: <i>D</i>	60214-	MI		Station # ////7				
Sampler:	47 J.D.			Date: 2/14/00	,			
Well I.D.:	Nr. 8			Well Diameter:	2 3 4	6 8		
Total Wel	l Depth: 39	1.60		Depth to Water:	12.43			
Depth to l	Free Produc	t:		Thickness of Fr):		
Reference	ed to:	(PVC)	Grade.	D.O. Meter (if r		'SI HACH		
	Welt Diameter 1" 2" 3"	_	<u>W</u> 0.04 0.16 0.37	Vell Diameter Mu 4" 0.0 6" 1.0	altiplier 65			
Purge Metho	Dig Positive	Bailer posable Baile Air Displace tric Submersi	ement	`	Bailer Disposable Bailer Extraction Port			
	Ex	traction Pum		Other.				
Top of Scree	en:	·	If well is listed as a of screen. Otherwi	no-purge, confirm t se, the well must be	hat water level is be purged.	low the top		
	1 Case Volu	me (Gals.)	xS	= 12 olumes Calc	Gals.			
Time	Temp (°F)	pН	Conductivity (mS or µS)	Gals. Removed	Observations	And the state of t		
D951	64.3	7.0	526	4.3				
0959	64.9	7.0	533	8.6				
1009	65.7	7.0	529	12.9				
		······································						
Did well	dewater?	Yes	®	Gallons actual	y evacuated: 12) Q //		
Samplin	g Time: اه	10		Sampling Date		` `		
Sample	I.D.: Ww .8			Laboratory:	Pace Sequoia	Other_		
Analyze	d for: 🦽	RO OTEX M	TBE DRO (NYS) (2-1		Other:			
D.O. (if	req'd):		Pre-purge	mg/I	Post-purge;	mg/		
	if req'd):		Pre-purge	1	Post-purge:	m\		
Blaine '	Tech Sen	icas In	c. 1680 Rone	re Ava San L	CO CA DE443	(400) #50 55		

BTS#: D	BTS#: 060214-MTT			Station # ////7					
Sampler:	M) J.D.			Date: 2/14/00					
Well I.D.:	Mw .9			Well Diameter:	2 3 4	6	8		
Total Wel	l Depth: 多	9.10		Depth to Water:	12.95				
Depth to I	Free Produc	et:		Thickness of Free Product (feet):					
Reference	d to:	(PVC)	Grade.	D.O. Meter (if r		YSl	HACI		
	Well Diameter 1" 2" 3"	-		Vell Diameter M 4" 0. 6" 1.	ultiplier 65 47 ² * 0.163		liaci	*	
Purge Metho		Bailer		Sampling Method:	Bailer		J		
	-	posable Baile			Disposable Bailer				
		Air Displac		Ostana	Extraction Port				
	-	traction Pum		Other:	·	-			
	Other: _	· · · · · · · · · · · · · · · · · · ·	W7 1						
Top of Scree	en:		If well is listed as a of screen. Otherwi	no-purge, confirm t ise, the well must be	that water level is purged.	below t	he top		
	1 Case Volu	.2 me (Gals.)	x 3	=	2.6 Gals.				
			Conductivity		THE TOTAL STATE	<u> </u>		₁	
Time	Temp (°F)	pН	(mS or µS)	Gals. Removed	Observations			ļ	
1215	67.3	7.0	576	4.2					
1218	VBD	7.0	590	8.4			·	;	
1220	67.9	7.0	587	12.6					
			100				· · ·		
			, in the second second						
Did well	dewater?	Yes (Ng)	Gallons actual	ly evacuated:	12.10			
Sampling	g Time: /2	125		Sampling Date					
Sample I	.D.: NW-9			Laboratory:	Pace Sequois	٥ د	ther		
Analyze	d for:	BO OTEN M	TBE DRO ONY'S (2-1	DCA EDB Ethanol	Other:				
D.O. (if 1	req'd):		Pre-purge			e:		mg/L	
O.R.P. (i	f req'd):	· ·	Pre-purge	: mV		-	 	mV	
Rlaine '	Tach Same	icos Inc	- 1680 Rone	Aug Can L				1	

BTS#: DL	TS#: 060214-MTT				Station # ////7				
Sampler:	11.)J.D.	· · · · · · · · · · · · · · · · · · ·		Date: 2/14/00	7				
Well I.D.:	NW-ID			Well Diameter: 2 3 4 6 8 Depth to Water: 15.53					
rotal Well	Depth: 3	5.75							
Depth to F	ree Produc	t:		Thickness of Fro	ee Product (fee	et):			
Reference	d to:	(PVC)	Grade.	D.O. Meter (if r		YSI	НАСН		
Duwaa Matha	Well Diameter 1" 2" 3"		<u>luttiplier</u> <u>y</u> 0.04 0.16 0.37	4" 0.6 6" 1.6 . Other radius	¹⁷ * 0.163				
Purge Metho	Positive Positive Ex	Bailer posable Baile Air Displace ric Submersi traction Pum	ement ble	Sampling Method: Other:	Bailer Disposable Bailer Extraction Port	-			
Top of Scree	n:		If well is listed as a of screen. Otherw	a no-purge, confirm t ise, the well must be	hat water level is purged. Gals.	below the	e top		
	I Case Volu	me (Gals.)	Specified Vo	olumes Calc	ulated Volume				
Time	Temp (°F)	рН	(mS or µS)	Gals. Removed	Observations				
1/19	72.0	7.1	979	3.2					
1121	71.8	7.1	950	6.4	<u></u>	- 1 1/2 			
1123	73.0	7.1	787	9.6					
Did well	dewater?	Yes (Ng)	Gallons actuall	y evacuated:	41.	r		
Sampling	g Time: //	25		Sampling Date		1.0			
	.D.:Mw-1	· · · · · · · · · · · · · · · · · · ·		Laboratory:	Pace Sequoia) Oti	her		
Analyzed			TBE DRO (Ays) (2-		Other:	, O()	RCI		
D.O. (if 1			Pre-purg			e:	mg		
O.R.P. (i	f req'd):		Pre-purg		75	- 	m'		
Blaine 1	Tech Serv	ices. In	· · · · · · · · · · · · · · · · · · ·	rs Ave. San J	1				

3TS#: D	00214-	MI		Station # //// 7				
Sampler:	11.) J.D.	····		Date: 2/14/06	,			
Well I.D.:	EX-1			Well Diameter:	2 3 4	6 8	*************************************	
rotal Wel	j Depth: عَ	37.85		Depth to Water:	15.40			
Depth to F	ree Produc	et:		Thickness of Fr		et):		
Reference	d to:	(PVC)	Grade	D.O. Meter (if r			НАСН	
	Well Diamete	ı M		ell Diameter M. 4" 0. 6" 1. Other radius	ultiplier 65 47 2 * 0.163	131	насн	
Purge Metho	Dis Positiv Elec Ex	Bailer sposable Baile e Air Displace tric Submersi straction Pum	ement ble p	Sampling Method: Other:	Bailer Extraction Port			
Top of Scree			If well is listed as a	no-purge, confirm t se, the well must be	that water level is I purged.	below the top	,	
	1 Case Voh	.6	x Specified Vo	=4	3.8 Gals.	***************************************		
Time	Temp (°F)	pН	Conductivity (mS or µS)	Gals. Removed	Observations			
1332	69.9	6.9	795	14.6	non			
1335	69.0	6.8	300	29.2	11		-	
1338	69.3	6.3	797	43.8	61			
 	dewater?	Yes (No)	Gallons actual		43.8		
i	g Time: /2			Sampling Date	: 2/4/00			
Sample I	.D.: Ex-			Laboratory:	Pace Sequoia	Other		
Analyzed	d for:	BO OTEN M	TBE DRO (89'5) (2-5		Other:			
D.O. (if 1	req'd):		Pre-purge	mg/ ₁	Post-purge	e:	mg	
O.R.P. (i			Pre-purge		1 1 1 1 1 1 1 1	e:	m'	
Blaine '	Tech Sen	rices. In	c. 1680 Roge	S Ave. San I	NEO CA OE44	0 (400) =		

ORP (if read).	BTS#: D	00214 -	MI		Station # ////7					
Depth to Free Product: Referenced to: Probleman	Sampler:	4. JO.D			Date: 2/14/00	7				
Depth to Free Product: Referenced to: Refere	Well I.D.:	Ex-2			Well Diameter:	2 3 4	6 8			
Referenced to: PVC Grade D.O. Meter (if req'd): YSI HACH Void Diameter Multipalisr O.94 4" 0.65	Total Wel	l Depth:	34.95							
Well Districts Multiplier Well Districts Multiplier 151 165	Depth to I	Free Produ	et:							
Weel Dameter Multiplier Weel Dameter Multiplier Weel Dameter Multiplier Weel Dameter Multiplier Weel Dameter Weel Damete	Reference	d to:	PVC	Grade.	D.O. Meter (if r	eq'd):	SI HACH			
Disposable Bailer Positive Air Displacement Disposable Bailer Positive Air Displacement Displacement Extraction Pump Other: Top of Screen: If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged. 13.3		t⁴ 2"	-	0.04 0.16	'etl Diameter Modern 4" 0. 6" 1.	ultiplier 65 47				
Disposable Bailer Positive Air Displacement Extraction Pump Other: Fund Gals.	Purge Metho	d:	Bailer		Sampling Method:	Bailer	 J			
Other: Top of Screen:		Positiv Elec	e Air <u>Displac</u> tric Submersi	ement	•	Disposable Bailer				
If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged. 13.3				р						
Time Temp (°F) pH (mS or μS) Gals. Removed Observations 355 69.2 7.5 302 13.3 358 69.3 7.1 297 20.6 14 01 69.2 7.0 309 39.9 Did well dewater? Yes Gallons actually evacuated: 39.9 Sampling Time: μ S Sampling Date: 2- μ C Analyzed for:	Top of Scree	en:		of screen. Otherwi	no-purge, confirm tee, the well must be	purged.	low the top			
Time Temp (°F) pH (mS or μS) Gals. Removed Observations 355 69.2 7.5 302 13.3 358 69.3 7.1 297 20.6 14 01 69.2 7.0 309 39.9 Did well dewater? Yes					lumes Calc					
355 69.2 7.5 302 13.3 13.58 69.3 7.1 297 20.6 14.0 69.2 7.0 309 39.9				Conductivity						
1358 19.3 7.1 1297 10.10 14.01 169.2 7.0 309 39.9 39.9 Did well dewater? Yes Gallons actually evacuated: 39.9 Sampling Time: 48 Sampling Date: 2 14 160 Sample I.D.: Ex. 1 Laboratory: Pace requore Other Analyzed for: Red Red MTBB DRO RED RED RED CONTROL Post-purge: Post-purge: Pre-purge: mV Post-purge: mV Pos	Time	Temp (°F)	pН	(mS or µS)	Gals. Removed	Observations				
Did well dewater? Yes (3) Gallons actually evacuated: 39.9 Sampling Time: 45 Sampling Date: 2/4/45 Sample I.D.: 44 Laboratory: Pace Requois Other Analyzed for: (3) (6) MTBE DRO (3) (2-DCA (2)) (10) (10) (10) (10) (10) (10) (10) (1	1355	69.2	7.5	302	13.3					
Did well dewater? Yes Sampling Time: Sampling Date: Sampling Date: Sampling Date: Laboratory: Pace Requote Other Analyzed for: ORD FIRST MTBE DRO CAYS (2-DCA EDB Stance) D.O. (if req'd): Pre-purge: MY Post-purge: MY Post-purg		69.3	7.1	297	20.6					
Sampling Time: 1415 Sampling Date: 2/14/66 Sample I.D.: 6x-2 Laboratory: Pace Sequoia Other Analyzed for: GRO GEN MTBE DRO GNA Q2-DCA EDB Edino Other: D.O. (if req'd): Pre-purge: mV Post-purge: m	14 01	69.2	7.0	309	39.9					
Sampling Time: 1415 Sampling Date: 2/14/66 Sample I.D.: 6x-2 Laboratory: Pace Sequoia Other Analyzed for: GRO GEN MTBE DRO GNA Q2-DCA EDB Edino Other: D.O. (if req'd): Pre-purge: mV Post-purge: m										
Sampling Time: 4 Sampling Date: 2 Influe Sample I.D.: 6x-2 Laboratory: Pace Requote Other Analyzed for: GRO GRO MTBE DRO GN/S (2-DCA) EDB Calendo Other: D.O. (if req'd): Pre-purge: mV Post-purge: m	Did well	dewater?	Yes	Ng	Gallons actual	v evacuated: 24	7 a			
Analyzed for: ORO ORD MTBE DRO ORY'S (2-DCA) EDB Calance) Other: D.O. (if req'd): Pre-purge: mV Post-purge: m	Sampling	g Time: 4					<u>/- /</u>			
Analyzed for: GRO GRO MTBE DRO GRO GRO GRO GRO GRO GRO GRO GRO GRO G	Sample I	.D.: Ex -2	•		Laboratory:	Pace Sequoia	Other			
D.O. (if req'd): Pre-purge: Pre-purge: Pre-purge: mg/L Post-purge: mw Post-purge: mw	Analyze	d for:	ORO OTEX M	TBE DRO (Ay's) (2-1	CA EDB Ethanol					
O.R.P. (if req'd): Pre-purge: mV Post-purge: m	D.O. (if	req'd):		Pre-purge			mg			
	<u> </u>				1	Post-purge:	m\			

BP GEM OIL COMPANY TYPE A BILL OF LADING

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

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

1117	
Station #	
7210 Bancroft, E	Dak land
Station Address	
Total Gallons Collected From	Groundwater Monitoring Wells:
added equip.	any other
added equip. rinse water5	adjustments
TOTAL GALS. RECOVERED 290	loaded onto BTS vehicle # 70
BTS event #	time date
doorst-ung.	1430 214 de
signature	
******	*********
REC'D AT	time date
那了	2140
unloaded by	
signature	7

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.



19 April, 2006

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

RE: BP Heritage #11117, Oakland, CA

Work Order: MPB0833

Enclosed are the results of analyses for samples received by the laboratory on 02/14/06 18:02. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race

Senior Project Manager

CA ELAP Certificate #1210

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





URS Corporation [Arco]	Project:BP Heritage #11117,Oakland, CA
1333 Broadway, Suite 800	Project Number: G07TK-0026
Oakland CA, 94612	Project Manager:Lynelle Onishi

MPB0833 Reported: 04/19/06 11:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-11117-02142006	MPB0833-01	Water	02/14/06 00:00	02/14/06 18:02
MW-1	MPB0833-02	Water	02/14/06 11:05	02/14/06 18:02
MW-2	MPB0833-03	Water	02/14/06 13:00	02/14/06 18:02
MW-3	MPB0833-04	Water	02/14/06 10:40	02/14/06 18:02
MW-4	MPB0833-05	Water	02/14/06 13:15	02/14/06 18:02
EX-1	MPB0833-06	Water	02/14/06 13:40	02/14/06 18:02
MW-7	MPB0833-07	Water	02/14/06 11:45	02/14/06 18:02
MW-8	MPB0833-08	Water	02/14/06 10:10	02/14/06 18:02
MW-9	MPB0833-09	Water	02/14/06 12:25	02/14/06 18:02
MW-10	MPB0833-10	Water	02/14/06 11:25	02/14/06 18:02
EX-2	MPB0833-11	Water	02/14/06 14:05	02/14/06 18:02

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.

Revised report created 4/19/06. Sample ID revised per revised COC.





Project:BP Heritage #11117,Oakland, CA Project Number:G07TK-0026 Project Manager:Lynelle Onishi MPB0833 Reported: 04/19/06 11:28

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPB0833-02) Water Sampled	: 02/14/06 11:05	Received:	02/14/06	18:02		·	Lu: VIII		
tert-Amyl methyl ether	ND	0.50	ug/l	1	6B27019	02/27/06	02/27/06	EPA 8260B	
Benzene	ND	0.50	**	**	"	tt	п	II .	
tert-Butyl alcohol	ND	20	**	**	tř	**	п	U	
Di-isopropyl ether	ND	0.50	17	*	**	**	II	u	
1,2-Dibromoethane (EDB)	ND	0.50	**	"	"	17	п	n	
1,2-Dichloroethane	ND	0.50	11	11	"	**	n	n	
Ethanol	ND	300	11	17	"	11	Ħ	n	IC
Ethyl tert-butyl ether	ND	0.50	"	n	**	ч	**	**	
Ethylbenzene	ND	0.50	ij	11	n	11	"	77	
Methyl tert-butyl ether	ND	0.50	п	н	11	ŋ	11	**	
Toluene	ND	0.50	10	н	11	u u	"	17	
Xylenes (total)	ND	0.50	u	II.	19	U	"	11	
Gasoline Range Organics (C4-C12)	51	50	IF	11	H	n	11	n	PV
Surrogate: 1,2-Dichloroethane-d4		87 %	60-	135	n	"	n	,,	
Surrogate: Toluene-d8		88 %	70-	120	п	п	H	H	
Surrogate: Dibromofluoromethane		90 %	65-	130	**	"	"	"	
Surrogate: 4-Bromofluorobenzene		99 %	70-	120	"	"	rr .	<i>n</i>	
MW-2 (MPB0833-03) Water Sampled	: 02/14/06 13:00	Received:	02/14/06	18:02					
tert-Amyl methyl ether	ND	100	ug/l	200	6B27019	02/27/06	02/27/06	EPA 8260B	
Benzene	7500	100	"	It	**	**	II	u .	
tert-Butyl alcohol	ND	4000	11	H	H	**	ti	U	
Di-isopropyl ether	ND	100	**	27	**	11	H	u .	
1,2-Dibromoethane (EDB)	ND	100	11	"	**	**	n	ш	
1,2-Dichloroethane	ND	100	11	"	**	11	lt	U	
Ethanol	ND	60000	11	11	**	11	W	u	IC
Ethyl tert-butyl ether	ND	100	ш	"	"	11	*	n	
Ethylbenzene	4300	100	и	**	II	11	**	tt.	
Methyl tert-butyl ether	3400	100	IF	"	ij	11		Ħ	
Toluene	11000	100	II	**	IJ	п	"	n	
Xylenes (total)	16000	100	11	**	II .	п	"	"	
Gasoline Range Organics (C4-C12)	97000	10000	**	"	II		**	**	
Surrogate: 1,2-Dichloroethane-d4		89 %	60-	135	"	"	0	"	
Surrogate: Toluene-d8		92 %	70-	120	"	"	"	#	
Surrogate: Dibromofluoromethane		82 %	65-	130	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	70-	120	"	"	"	"	





Project:BP Heritage #11117,Oakland, CA Project Number:G07TK-0026 Project Manager:Lynelle Onishi MPB0833 Reported: 04/19/06 11:28

		Reporting			· .				
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-3 (MPB0833-04) Water San	npled: 02/14/06 10:40	Received:	02/14/06	18:02					
tert-Amyl methyl ether	ND	0.50	ug/l	1	6B27019	02/27/06	02/28/06	EPA 8260B	
Benzene	ND	0.50	u	"	"	11	II	п	
tert-Butyl alcohol	ND	20	H	"	"	11	II	п	
Di-isopropyl ether	ND	0.50	Ħ	11	11	11	II	П	
1,2-Dibromoethane (EDB)	ND	0.50	11	n	11	11	u	U	
1,2-Dichloroethane	ND	0.50	u	11	11	11	II	п	
Ethanol	ND	300	**	11	n	. U	lj	ц	IC
Ethyl tert-butyl ether	ND	0.50	tt	11	11	11 .	II	II.	
Ethylbenzene	ND	0.50	11	11	11	II .	II	П	
Methyl tert-butyl ether	ND	0.50	tr.	'n	11	ir	ч	u	
Toluene	ND	0.50	**	11	11	11	II	n	
Xylenes (total)	0.55	0.50	**	"	11	n n	П	а	
Gasoline Range Organics (C4-C12)) 86	50	**	**	н	II .	ш	U	
Surrogate: 1,2-Dichloroethane-d4		82 %	60-	135	n	· #	"	"	
Surrogate: Toluene-d8		87 %	70-	120	n	"	n	n	
Surrogate: Dibromofluoromethane		85 %	65-	130	n	"	n	n	
Surrogate: 4-Bromofluorobenzene		98 %	70-	120	'n	"	n	"	
MW-4 (MPB0833-05) Water San	apled: 02/14/06 13:15	Received:	02/14/06	18:02					
tert-Amyl methyl ether	1000	500	ug/l	1000	6B27019	02/27/06	02/28/06	EPA 8260B	
Benzene	60000	500	· n	11	tf	ır	(r	n	
tert-Butyl alcohol	ND	20000	77	II	II	n	u ·	tf	
Di-isopropyl ether	ND	500	**	11	II	II.	H	Ħ	
1,2-Dibromoethane (EDB)	ND	500	11	11	u u	u	"	π	
1,2-Dichloroethane	ND	500	**	II	· 11	n	ır	11	
Ethanol	ND	300000	19	IJ	n	n	Ħ	tt	IC
Ethyl tert-butyl ether	ND	500	74	Ħ	It	11	Ħ	п	
Ethylbenzene	36000	500	77	"	**	II .	Ħ	***	
Methyl tert-butyl ether	38000	500	77	"	**	ır	ır	tt	
Toluene	7000	500	77	"	**	n	п	rr	
Xylenes (total)	140000	500	17	"	**	II.	II	**	
Gasoline Range Organics (C4-C12	970000	50000	"	**	**		n	**	
Surrogate: 1,2-Dichloroethane-d4		78 %	60-	.135	"	"	,,	"	
Surrogate: Toluene-d8		92 %	70-	120	"	n	"	rr .	
Surrogate: Dibromofluoromethane		81 %	65-	-130	n	"	"	#	
Surrogate: 4-Bromofluorobenzene		93 %	70-	120	"	"	"	"	





Project:BP Heritage #11117,Oakland, CA Project Number:G07TK-0026 Project Manager:Lynelle Onishi MPB0833 Reported: 04/19/06 11:28

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EX-1 (MPB0833-06) Water Sample	d: 02/14/06 13:40	Received: 0	2/14/06 18:	02					
tert-Amyl methyl ether	ND	25	ug/l	50	6B27019	02/27/06	02/28/06	EPA 8260B	
Benzene	ND	25	II	II .	**	**	*	u	
tert-Butyl alcohol	ND	1000	II	u	"	"	Ħ	U	
Di-isopropyl ether	ND	25	II	H	"	77	"	II	
1,2-Dibromoethane (EDB)	ND	25	II	н	11	17	**	u u	
1,2-Dichloroethane	ND	25	tf	11	"	11	"	Ü.	
Ethanol	ND	15000	II	н	**	#1	*	n'	IC
Ethyl tert-butyl ether	ND	25	ır	tr	**	11	19	v	
Ethylbenzene	ND	25	II .	"	11	11	"	II .	
Methyl tert-butyl ether	1100	25	П	IJ	11	#1	11	II .	
Toluene	ND	25	IT	п	. 11	11	"	u	
Xylenes (total)	74	25	II	II .	II .	11	"	ir .	
Gasoline Range Organics (C4-C12)	3500	2500		11	11	71	"	ti	
Surrogate: 1,2-Dichloroethane-d4		70 %	60-13	5	n	"	"	n	
Surrogate: Toluene-d8		85 %	70-12	0	n	"	"	"	
Surrogate: Dibromofluoromethane		80 %	65-13	0	,,	"	"	n	
Surrogate: 4-Bromofluorobenzene		92 %	70-12	0	n	"	"	"	
MW-7 (MPB0833-07) Water Sampl	led: 02/14/06 11:45	Received:	02/14/06 18	:02					
tert-Amyl methyl ether	ND	0.50	ug/l	1	6B28007	02/28/06	02/28/06	EPA 8260B	
Benzene	ND	0.50	**	4	1)	11	11	II .	
tert-Butyl alcohol	ND	20	**	**	h	11	n	ti	
Di-isopropyl ether	ND	0.50	Ħ	"	11	п	11	п	
1,2-Dibromoethane (EDB)	ND	0.50	**	"	II.	11	11	n	
1,2-Dichloroethane	ND	0.50	t r	**	ır	1)	'n	· r	
Ethanol	ND	300	H	**	п	п	11	II .	IC
Ethyl tert-butyl ether	ND	0.50	**	**	ч	17	**	tt.	
Ethylbenzene	ND	0.50	**	"	"	н	"	II .	
Methyl tert-butyl ether	62	0.50	**	п	n	11	*1	n	
Toluene	ND	0.50	**	**	H	ŋ	n	u	
Xylenes (total)	0.87	0.50	**		"	II .	n	u	
Gasoline Range Organics (C4-C12)	100	50	**	II .			"	tr	
Surrogate: 1,2-Dichloroethane-d4		84 %	60-13	5	"	n	"	n	
Surrogate: Toluene-d8		89 %	70-12	0	"	"	#	"	
Surrogate: Dibromofluoromethane		88 %	65-13	0	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	70-12	0	"	n	"	n	





Project:BP Heritage #11117,Oakland, CA Project Number:G07TK-0026

Project Manager:Lynelle Onishi

MPB0833 Reported: 04/19/06 11:28

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MPB0833-08) Water Sam	pled: 02/14/06 10:10	Received:	02/14/06	18:02					
tert-Amyl methyl ether	ND	0.50	ug/l	1	6B27019	02/27/06	02/28/06	EPA 8260B	
Benzene	ND	0.50	**	"	11	*1	ш	11	
tert-Butyl alcohol	ND	20	**	Ħ	11	**	ш	11	
Di-isopropyl ether	ND	0.50	**	u	11	**	II .	n	
1,2-Dibromoethane (EDB)	ND	0.50	"	11	11	**	tt	n	
1,2-Dichloroethane	ND	0.50	17	n	11	**	n	u	
Ethanol	ND	300	"	H	II	**	tf	U	IC
Ethyl tert-butyl ether	ND	0.50	19	**	IJ	11	u	II .	
Ethylbenzene	ND	0.50	***	**	"	**	tr	U	
Methyl tert-butyl ether	ND	0.50	11	**	II	**	er .	II .	
Toluene	ND	0.50	17	Ħ	ч	11	**	н	
Xylenes (total)	ND	0.50	"	**	II .	11	п	(I	
Gasoline Range Organics (C4-C12)	ND	50	11	**	If	19	H	и .	
Surrogate: 1,2-Dichloroethane-d4		74 %	60-	-135	rt	"	n	#	
Surrogate: Toluene-d8		87 %	70-	120	"	"	"	n	
Surrogate: Dibromofluoromethane		84 %	65-	-130	"	"	"	n	
Surrogate: 4-Bromofluorobenzene		87 %	70-	120	**	"	n	n	
MW-9 (MPB0833-09) Water Sam	pled: 02/14/06 12:25	Received:	02/14/06	18:02					
tert-Amyl methyl ether	ND	25	ug/l	50	6B27019	02/27/06	02/28/06	EPA 8260B	
Benzene	ND	25		"	11	17	**	II .	
tert-Butyl alcohol	ND	1000	U	*1	H	11	tř	н	
Di-isopropyl ether	ND	25		***	Ħ	17	***	n	
1,2-Dibromoethane (EDB)	ND	25		"	n .	11	"	n .	
1,2-Dichloroethane	ND	25	U	*1	IF	11	**	D .	
Ethanol	ND	15000	11	11	n	n	**	r)	IC
Ethyl tert-butyl ether	ND	25	ш	11	10	n	**	n	
Ethylbenzene	ND	25	11	**	tt	II .	**	II.	
Methyl tert-butyl ether	2200	25	п	tt.		и	77	tr	
Toluene	ND	25	11	11	n	II	**	II	
Xylenes (total)	ND	25	ч	11	**	1)	**	**	
Gasoline Range Organics (C4-C12)	2700	2500	H	*	*1	IJ	*	tt	PV
Surrogate: 1,2-Dichloroethane-d4		76 %	60-	-135	"	"	,,	#	
Surrogate: Toluene-d8		86 %	70-	120	"	"	"	"	
Surrogate: Dibromofluoromethane		85 %	65-	130	"	11	"	n	
Surrogate: 4-Bromofluorobenzene		93 %	70-	120	"	"	#	"	





Project:BP Heritage #11117,Oakland, CA Project Number:G07TK-0026 Project Manager:Lynelle Onishi MPB0833 Reported: 04/19/06 11:28

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MPB0833-10) Water 5	Sampled: 02/14/06 11:25	Received	: 02/14/0	6 18:02					
tert-Amyl methyl ether	1.2	0.50	ug/l	1	6B28007	02/28/06	02/28/06	EPA 8260B	
Benzene	ND	0.50	**	*	IF	II .	II	п	
tert-Butyl alcohol	34	20	u	ч	11	п	IF	п	
Di-isopropyl ether	ND	0.50	It	**	п	п	Ħ	u-	
1,2-Dibromoethane (EDB)	ND	0.50	**	**	11	п	ti	tt	
1,2-Dichloroethane	ND	0.50	**	**	II	II	**	u	
Ethanol	ND	300	**	"	It	u	**	m .	IC
Ethyl tert-butyl ether	ND	0.50	**	17	II	n	*	n	
Ethylbenzene	ND	0.50	"	n	н	rt	••	**	
Toluene	ND	0.50	11	11	ır	Ħ	"	**	
Xylenes (total)	ND	0.50	. "	n	Ħ	Ħ	**	**	
Gasoline Range Organics (C4-C)	12) 600	50	11	"	"	"	11	**	
Surrogate: 1,2-Dichloroethane-d4		86 %	60-	135	"	"	"	rr rr	
Surrogate: Toluene-d8		86 %	70-	120	"	"	"	n	
Surrogate: Dibromofluoromethane	:	93 %	65-	130	H	"	n	"	
Surrogate: 4-Bromofluorobenzene		90 %	70-	120	"	. "	"	"	
MW-10 (MPB0833-10RE1) Wate	er Sampled: 02/14/06 1	1:25 Rece	eived: 02/	14/06 18:0)2				CL
Methyl tert-butyl ether	400	5.0	ug/l	10	6C02039	03/02/06	03/03/06	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		100 %	60-	135	n	"	n	"	
Surrogate: Toluene-d8		103 %	70-	120	H	"	n	#	
Surrogate: Dibromofluoromethane	!	90 %	65-	130	"	"	"	n	
Surrogate: 4-Bromofluorobenzene	•	81 %	70-	120	n	"	n	n	
EX-2 (MPB0833-11) Water San	mpled: 02/14/06 14:05 F	teceived: 0	2/14/06 1	8:02					
tert-Amyl methyl ether	ND	0.50	ug/l	1	6B28007	02/28/06	02/28/06	EPA 8260B	
Benzene	ND	0.50	**	"	11	11	**	u	
tert-Butyl alcohol	ND	20	**	**	II	, 11	Ħ	II .	
Di-isopropyl ether	ND	0.50	••	**	IJ	II.	*	н	
1,2-Dibromoethane (EDB)	ND	0.50	**	11	"	II	**	п	
1,2-Dichloroethane	ND	0.50	**	**	II .	II	t!	п	
Ethanol	ND	300	11	11	II .	п	**	u u	IC
Ethyl tert-butyl ether	ND	0.50	"	11	U	O O	**	н	
Ethylbenzene	7.5	0.50	"	"	"	п	"	¥f	
Methyl tert-butyl ether	0.72	0.50	11	"	**	u	11	Ħ	
Toluene	3.2	0.50	11	**	**	IF	"	rt .	
Xylenes (total)	33	0.50	11	"	**	u u	11	**	
Gasoline Range Organics (C4-C	12) 220	50	11	19	11	11	15	**	
Surrogate: 1,2-Dichloroethane-d4		89 %	60-	135	"	"	"	#	

Sequoia Analytical - Morgan Hill

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Project:BP Heritage #11117,Oakland, CA

Project Number: G07TK-0026
Project Manager: Lynelle Onishi

MPB0833 Reported: 04/19/06 11:28

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EX-2 (MPB0833-11) Water	Sampled: 02/14/06 14:05	Received: 0	2/14/06 1	8:02					
Surrogate: Toluene-d8		91 %	70-1	20	6B28007	02/28/06	02/28/06	EPA 8260B	
Surrogate: Dibromofluorometh	nane	95 %	65-1	130	"	n	#	n	
Surrogate: 4-Bromofluorobenz	rene	97%	70-2	120	n	n	"	n	





Project:BP Heritage #11117,Oakland, CA Project Number:G07TK-0026 Project Manager:Lynelle Onishi

Spike

Source

MPB0833 Reported: 04/19/06 11:28

RPD

%REC

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

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6B27019 - EPA 5030B P/T / E	PA 8260B									
Blank (6B27019-BLK1)				Prepared	& Analyze	ed: 02/27/	06			
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	u	•						
tert-Butyl alcohol	ND	20	11							
Di-isopropyl ether	ND	0.50	11							
1,2-Dibromoethane (EDB)	ND	0.50	II .							
1,2-Dichloroethane	ND	0.50	п							
Ethanol	ND	300	II .							10
Ethyl tert-butyl ether	ND	0.50	11							
Ethylbenzene	ND	0.50	u							
Methyl tert-butyl ether	ND	0.50	п							
Toluene	ND	0.50	II .							
Xylenes (total)	ND	0.50	н							
Gasoline Range Organics (C4-C12)	ND	50	U							
Surrogate: 1,2-Dichloroethane-d4	3.99		"	5.00		80	60-135			
Surrogate: Toluene-d8	4.19		"	5.00		84	70-120			
Surrogate: Dibromofluoromethane	4.22		#	5.00		84	65-130			
Surrogate: 4-Bromofluorobenzene	4.47		"	5.00		89	70-120			
Laboratory Control Sample (6B27019-B	S1)			Prepared .	& Analyze	ed: 02/27/0	06			
tert-Amyl methyl ether	15.5	0.50	ug/l	16.3	-	95	80-115			
Benzene	5.08	0.50	IJ	5.04		101	65-115			
tert-Butyl alcohol	159	20	tr	169		94	75-150			
Di-isopropyl ether	16.5	0.50	**	16.2		102	75-125			
1,2-Dibromoethane (EDB)	17.2	0.50	**	16.6		104	85-120			
1,2-Dichloroethane	15.2	0.50	**	15.5		98	85-130			
Ethanol	186	300	**	165		113	70-135			IC
Ethyl tert-butyl ether	14.8	0.50	"	16.4		90	75-130			
Ethylbenzene	7.23	0.50	17	7.28		99	75-135			
Methyl tert-butyl ether	6.88	0.50	(r	7.84		88	65-125			
Toluene	37.3	0.50	**	38.0		98	85-120			
Xylenes (total)	37.2	0.50	er	40.8		91	85-125			
Gasoline Range Organics (C4-C12)	462	50	n	440		105	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.22		"	5.00		84	60-135			
Surrogate: Toluene-d8	4.64		n	5.00		93	70-120			
Surrogate: Dibromofluoromethane	4.26		"	5.00		85	65-130			
Surrogate: 4-Bromofluorobenzene	4.75		n	5.00		95	70-120			

Sequoia Analytical - Morgan Hill

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Project:BP Heritage #11117,Oakland, CA
Project Number:G07TK-0026
Project Manager:Lynelle Onishi

Spike

Source

MPB0833 Reported: 04/19/06 11:28

RPD

%REC

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

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6B27019 - EPA 5030B P/T / E	PA 8260B									
Matrix Spike (6B27019-MS1)	Source: MF	PB0833-04		Prepared:	02/27/06	Analyzed	1: 02/28/06			
tert-Amyl methyl ether	14.2	0.50	ug/l	16.3	ND	87	80-115			
Benzene	5.00	0.50	77	5.04	ND	99	65-115			
tert-Butyl alcohol	148	20	**	169	ND	88	75-120			
Di-isopropyl ether	15.3	0.50	**	16.2	ND	94	75-125			
1,2-Dibromoethane (EDB)	16.4	0.50	"	16.6	ND	99	85-120			
1,2-Dichloroethane	13.6	0.50	**	15.5	ND	88	85-130			
Ethanol	136	300	11	165	ND	82	70-135			I
Ethyl tert-butyl ether	13.6	0.50	11	16.4	ND	83	75-130			
Ethylbenzene	7.18	0.50	17	7.28	0.18	96	75-135			
Methyl tert-butyl ether	7.07	0.50	1)	7.84	0.47	84	65-125			
Toluene	36.3	0.50	11	38.0	0.28	95	85-120			
Xylenes (total)	38.0	0.50	11	40.8	0.55	92	85-125			
Gasoline Range Organics (C4-C12)	531	50	11	440	86	101	60-140			
Surrogate: 1,2-Dichloroethane-d4	3.98		"	5.00		80	60-135			
Surrogate: Toluene-d8	4.5 <i>I</i>		n	5.00		90	70-120			
Surrogate: Dibromofluoromethane	4.02		n	5.00		80	65-130			
Surrogate: 4-Bromofluorobenzene	4.81		Ħ	5.00		96	70-120			
Matrix Spike Dup (6B27019-MSD1)	Source: MI	PB0833-04		Prepared:	02/27/06	Analyzed	l: 02/28/06			
tert-Amyl methyl ether	15.5	0.50	ug/l	16.3	ND	95	80-115	9	15	
Benzene	5.58	0.50		5.04	ND	111	65-115	11	20	
tert-Butyl alcohol	154	20	**	169	ND	91	75-120	4	25	
Di-isopropyl ether	17.1	0.50	н	16.2	ND	106	75-125	11	15	
1,2-Dibromoethane (EDB)	17.2	0.50	***	16.6	ND	104	85-120	5	15	
1,2-Dichloroethane	14.2	0.50	"	15.5	ND.	92	85-130	4	20	
Ethanol	149	300	**	165	ND	90	70-135	9	35	I
Ethyl tert-butyl ether	15.0	0.50	**	16.4	ND	91	75-130	10	25	•
Ethylbenzene	8.01	0.50	**	7.28	0.18	108	75-135	11	15	
Methyl tert-butyl ether	7.82	0.50	11	7.84	0.47	94	65-125	10	20	
Toluene	39.6	0.50	rr .	38.0	0.28	103	85-120	9	20	
Xylenes (total)	41.4	0.50	"	40.8	0.55	100	85-125	9	20	
Gasoline Range Organics (C4-C12)	531	50	11	440	86	101	60-140	0	25	
Surrogate: 1,2-Dichloroethane-d4	3,75		"	5.00		75	60-135			
Surrogate: Toluene-d8	4.44		"	5.00		89	70-120			
Surrogate: Dibromofluoromethane	4.07		11	5.00		81	65-130			
Surrogate: 4-Bromofluorobenzene	4.73		"	5.00		95	70-120			

Sequoia Analytical - Morgan Hill

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Project:BP Heritage #11117,Oakland, CA Project Number: G07TK-0026 Project Manager:Lynelle Onishi

MPB0833 Reported: 04/19/06 11:28

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

Analytc	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B28007 - EPA 5030B P/T /	EPA 8260B				·					
Blank (6B28007-BLK1)				Prepared	& Analyz	ed: 02/28/	06			
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	п							
tert-Butyl alcohol	ND	20	н							
Di-isopropyl ether	ND	0.50	п							
1,2-Dibromoethane (EDB)	ND	0.50	If							
1,2-Dichloroethane	ND	0.50	н							
Ethanol	ND	300	H							IC
Ethyl tert-butyl ether	ND	0.50	tř							
Ethylbenzene	ND	0.50	**							
Methyl tert-butyl ether	ND	0.50								
Toluene	ND	0.50	**							
Xylenes (total)	ND.	0.50	**							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.32		n	5.00		86	60-135			
Surrogate: Toluene-d8	4.53		Ħ	5.00		91	70-120			
Surrogate: Dibromofluoromethane	4.57		"	5.00		91	65-130			
Surrogate: 4-Bromofluorobenzene	4.45		"	5.00		<i>89</i>	70-120			
Laboratory Control Sample (6B28007	'-BS1)			Prepared	& Analyz	ed: 02/28/	06			
tert-Amyl methyl ether	14.6	0.50	ug/l	16.3	-	90	80-115			
Benzene	4.76	0.50	II .	5.04		94	65-115			
tert-Butyl alcohol	170	20	U	169		101	75-150			
Di-isopropyl ether	15.0	0.50	"	16.2		93	75-125			
1,2-Dibromoethane (EDB)	17.4	0.50	**	16.6		105	85-120			
1,2-Dichloroethane	14.3	0.50	**	15.5		92	85-130			
Ethanol	172	300	11	165		104	70-135			IC
Ethyl tert-butyl ether	13.6	0.50	11	16.4		83	75-130			
Ethylbenzene	7.36	0.50	11	7.28		101	75-135			
Methyl tert-butyl ether	6.68	0,50	11	7.84		85	65-125			
Toluene	35.7	0.50	ij	38.0		94	85-120			
Xylenes (total)	38.6	0.50	11	40.8		95	85-125			
Gasoline Range Organics (C4-C12)	448	50	11	440		102	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.57		"	5.00		91	60-135			
Surrogate: Toluene-d8	4.86		"	5.00		97	70-120			
Surrogate: Dibromofluoromethane	4.69		"	5.00		94	65-130			
Surrogate: 4-Bromofluorobenzene	4.68		"	5.00		94	70-120			

Sequoia Analytical - Morgan Hill

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Project:BP Heritage #11117,Oakland, CA
Project Number:G07TK-0026
Project Manager:Lynelle Onishi

Spike

Source

MPB0833 Reported: 04/19/06 11:28

RPD

%REC

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

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6B28007 - EPA 5030B P/T / E	CPA 8260B									
Matrix Spike (6B28007-MS1)	Source: M	PB0617-08		Prepared &	& Analyze	ed: 02/28/0	06			
tert-Amyl methyl ether	8840	250	ug/l	8160	ND	108	80-115			
Benzene	2640	250	**	2520	ND	105	65-115			
tert-Butyl alcohol	197000	10000	11	84400	98000	117	75-120			
Di-isopropyl ether	9160	250	п	8120	ND .	113	75-125			
1,2-Dibromoethane (EDB)	10000	250	II.	8320	ND	120	85-120			
1,2-Dichloroethane	8040	250	ч	7760	ND	104	85-130			
Ethanol	95400	150000	u u	82400	ND	116	70-135			IC
Ethyl tert-butyl ether	8270	250	II.	8200	ND	101	75-130			
Ethylbenzene	4190	250	tr	3640	ND	115	75-135			
Methyl tert-butyl ether	34800	250	п	3920	36000	0	65-125			BB,LN
Toluene	19100	250	D	19000	ND	101	85-120			
Xylenes (total)	21200	250	tt	20400	ND	104	85-125			
Gasoline Range Organics (C4-C12)	272000	25000	tr	220000	42000	105	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.02		n	5.00		80	60-135			
Surrogate: Toluene-d8	4.46		"	5.00		89	70-120			
Surrogate: Dibromofluoromethane	4.16		n	5.00		83	65-130			
Surrogate: 4-Bromofluorobenzene	4.55		n	5.00		91	70-120			
Matrix Spike Dup (6B28007-MSD1)	Source: M	PB0617-08		Prepared o	& Analyze	ed: 02/28/0	06			
tert-Amyl methyl ether	9000	250	ug/l	8160	ND	110	80-115	2	15	
Benzene	2790	250	**	2520	ND	111	65-115	6	20	
tert-Butyl alcohol	202000	10000	11	84400	98000	123	75-120	3	25	LM
Di-isopropyl ether	9460	250	"	8120	ND	117	75-125	3	15	
1,2-Dibromoethane (EDB)	10200	250	**	8320	ND	123	85-120	2	15	LM
1,2-Dichloroethane	8080	250	. 11	7760	ND	104	85-130	0.5	20	
Ethanol	108000	150000	11	82400	ND	131	70-135	12	35	10
Ethyl tert-butyl ether	8120	250	11	8200	ND	99	75-130	2	25	
Ethylbenzene	4520	250	IJ	3640	ND	124	75-135	8	15	
Methyl tert-butyl ether	34900	250	п	3920	36000	0	65-125	0.3	20	BB,LN
Toluene	20800	250	II	19000	ND	109	85-120	9	20	
Xylenes (total)	23100	250	n n	20400	ND	113	85-125	9	20	
Gasoline Range Organics (C4-C12)	302000	25000	li .	220000	42000	118	60-140	10	2 5	
Surrogate: 1,2-Dichloroethane-d4	4.21		"	5.00		84	60-135			
Surrogate: Toluene-d8	4.63		"	5.00		93	70-120			
Surrogate: Dibromofluoromethane	4.06		"	5.00		81	65-130			
Surrogate: 4-Bromofluorobenzene	4.52		"	5.00		90	70-120			

Sequoia Analytical - Morgan Hill

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Project:BP Heritage #11117,Oakland, CA Project Number:G07TK-0026 Project Manager:Lynelle Onishi MPB0833 Reported: 04/19/06 11:28

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C02039 - EPA 5030B P/T /	EPA 8260B					······································				
Blank (6C02039-BLK1)				Prepared:	03/02/06	Analyzed	: 03/03/06			
tert-Amyl methyl ether	ND	0.50	ug/l		 					
Benzene	ND	0.50	n							
tert-Butyl alcohol	ND	5.0	**							
Di-isopropyl ether	ND	0.50	п							
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	Ħ							
Methyl tert-butyl ether	ND	0.50	н							
Toluene	ND	0.50	**							
Xylenes (total)	ND	0.50	Ħ							
Gasoline Range Organics (C4-C12)	ND	- 50	rt							
Surrogate: 1,2-Dichloroethane-d4	2.47		"	2.50		99	60-135			
Surrogate: Toluene-d8	2.58		"	2.50		103	70-120			
Surrogate: Dibromofluoromethane	2.20		"	2.50		88	65-130			
Surrogate: 4-Bromofluorobenzene	1.98		"	2.50		79	70-120			
Laboratory Control Sample (6C02039	P-BS1)			Prepared:	03/02/06	Analyzed	: 03/03/06			
tert-Amyl methyl ether	15.4	0.50	ug/l	16.3		94	80-115			
Benzene	4.84	0.50	п	5.04		96	65-115			
tert-Butyl alcohol	171	5.0	п	169		101	75-150			
Di-isopropyl ether	14.9	0.50	H	16.2		92	75-125			
1,2-Dibromoethane (EDB)	16.4	0.50	**	16.6		99	85-120			
1,2-Dichloroethane	14.3	0.50	Ħ	15.5		92	85-130			
Ethanol	208	300	u	165		126	70-135			
Ethyl tert-butyl ether	14.9	0.50	n	16.4		91	75-130			
Ethylbenzene	6.63	0.50	п	7.28		91	75-135			
Methyl tert-butyl ether	6.93	0.50	п	7.84		88	65-125			
Toluene	35.2	0.50	IF	38.0		93	85-120			
Xylenes (total)	37.9	0.50	u	40.8		93	85-125			
Gasoline Range Organics (C4-C12)	571	50	п	440		130	60-140			
Surrogate: 1,2-Dichloroethane-d4	2.41		"	2.50		96	60-135			
Surrogate: Toluene-d8	2.64		"	2.50		106	70-120			
Surrogate: Dibromofluoromethane	2.15		"	2.50		86	65-130			
Surrogate: 4-Bromofluorobenzene	2.14		"	2.50		86	70-120			

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.





Project:BP Heritage #11117,Oakland, CA
Project Number:G07TK-0026
Project Manager:Lynelle Onishi

MPB0833 Reported: 04/19/06 11:28

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C02039 - EPA 5030B P/T /	EPA 8260B									
Laboratory Control Sample Dup (6C0	2039-BSD1)			Prepared:	03/02/06	Analyzed	1: 03/03/06			
tert-Amyl methyl ether	15.9	0.50	ug/l	16.3		98	80-115	3	15	
Benzene	4.96	0.50	**	5.04		98	65-115	2	20	
tert-Butyl alcohol	163	5.0	**	169		96	75-150	5	25	
Di-isopropyl ether	15.6	0.50	**	16.2		96	75-125	5	15	
1,2-Dibromoethane (EDB)	16.6	0.50	**	16.6		100	85-120	1	15	
1,2-Dichloroethane	14.9	0.50	11	15.5		96	85-130	4	20	
Ethanol	192	300	**	165		116	70-135	8	35	
Ethyl tert-butyl ether	15.5	0.50	11	16.4		95	75-130	4	25	
Ethylbenzene	6.91	0.50	**	7.28		95	75-135	4	15	
Methyl tert-butyl ether	7.14	0.50	Ħ	7.84		91	65-125	3	20	
Toluene	35.7	0.50	u	38.0		94	85-120	1	20	
Xylenes (total)	38.3	0.50	tt	40.8		94	85-125	1	20	
Gasoline Range Organics (C4-C12)	577	50	Ü	440		131	60-140	1	25	
Surrogate: 1,2-Dichloroethane-d4	2.42		"	2.50		97	60-135			
Surrogate: Toluene-d8	2.62		"	2.50		105	70-120			
Surrogate: Dibromofluoromethane	2.14		"	2.50		86	65-130			
Surrogate: 4-Bromofluorobenzene	2.15		"	2.50		86	70-120			





URS Corporation [Arco]	Project:BP Heritage #11117,Oakland, CA	MPB0833
1333 Broadway, Suite 800	Project Number: G07TK-0026	Reported:
Oakland CA, 94612	Project Manager:Lynelle Onishi	04/19/06 11:28

Notes and Definitions

PV Hydrocarbon result partly due to individ, peak(s) in quant, range

LM MS and/or MSD above acceptance limits. See Blank Spike(LCS).

IC Calib. verif. is within method limits but outside contract limits

CL Initial analysis within holding time but required dilution

BB,LN Sample > 4x spike concentration.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

	bp
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Project Name: Analytical for QMR sampling

BP BU/AR Region/Enfos Segment:

BP > Americas > West Coast > Retail > WCBU > CA > Central > 11117 > Historica(B).

State or Lead Regulatory Agency:

California Regional Water Quality Control Board - San Fre

Requested Due Date (mm/dd/yy):

10 Day TAT

Page 1 of Z

On-site Time:	0435	Temp: 65°	44
Off-site Time:	1430	Temp: 70°	
Sky Conditions:	char		
Meteorological		NE	
Wind Speed:	<i>D</i>	Direction.	-

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	ame: Sequoia	<u></u>		······································		BP/AR Facility Ad	dress	: 721	10 B	ancro	ft Av	e., O	klan	d, CA	946	05		Address: 1333 Broadway, Suite 800										
Addre	s: 885 Jarvis Drive					Site Lat/Long:		37.7	662	85/-	122.1	76		,									4612					
	Morgan Hill, CA 95037					California Global I											C	onsult	ant/C	minac	tor P	zojeci	No.:	3848				
Lab Pl	M: Lisa Race / Katt Min					Enfos Project No.:	15 ¥ 44	G07	TK.	0026							C	onsult	ant/C	ontrac	tor P	M:			le Onis	ni .		
Tele/F	ax: 408.782.8156 / 408.782.6308							Prov										Tele/Fax: 510.874.1758 / 510.874.3268										
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Item No.	Sample Description	Time	Date	Soil/Solid	WaterLiquid	Laboratory No.	No. of	Unpreserved	H,SO,	HNO	HCI	Methanoi		DRO/BURX (\$260)			Sthenol (8260)							aple P	oint La Jounne	t/Long 21	nd.	
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Project Name: Analytical for QMR sampling

BP BU/AR Region/Enfos Segment:

;:

BP > Americas > West Coast > Retail > WCBU > CA > Central > 11117 > HistoricalBL

State or Lead Regulatory Agency:

California Regional Water Quality Control Board - San Fra

Requested Due Date (mm/dd/yy): 10 Day

10 Day TAT

		Page of	
On-site Time:	0835	Temp: 65°	
Off-site Time:	1430	Temp: 70°	
Sky Conditions:	Clear		
Meteorological F	vents: None	رح	
Wind Speed:	1	Direction	

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Morgan Hill, CA 95037						California Global II	-			0010								onsulta					t No:		487127	*44		[
ab PM: Lisa Race / Katt Min						Enfos Project No.:				0026								onsulta							nelle O	iisni		-
ele/Fax: 408.782.8156 / 408.782.630	8					Provision or RCOP		Prov	isio	1								ele/Fax						.874.			افحصوب	
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Item Sample Description	Time	Date	Soil/Solid	Water/Liquid	Air	Laboratory No.	No. of Containers	Unpreserved	E ₂ SO ₄	HNO.	HCI	Methanoi		3RO /BTEX (8260)	MTBB, TAMB, KTBB OIPB, TBA (\$260)		Sthanel (\$250)						\			Lat/Long a	nd	
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Analytical for QMR sampling

BP BU/AR Region/Enfos Segment:

Project Name:

BP > Americas > West Coast > Retail > WCBU > CA > Central > 11117 > HistoricalBL

State or Lead Regulatory Agency:

California Regional Water Quality Control Board - San Fra

Requested Due Date (mm/dd/yy):

10 Day TAT

Page 1 of Z
Temp: 65°
Temp: 70°

On-site Time: 0235 Off-site Time: Sky Conditions: Meteorological Events: NOWE Wind Speed: Direction.

-	BP/AR Facility No.: 11117	onsultant/Contractor: URS											
dress: 885 Jarvis Drive	BP/AR Facility Address: 7210 Bancroft Ave., Oakland, CA 94605 A	Address: 1333 Broadway, Suite 800											
Morgan Hill, CA 95037	Site Lat/Long: 37.766285 / -122.176	Oakland, CA 94612											
PM: Lisa Race / Katt Min		onsultant/Contractor Project No.: 38487127											
e/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G07TK-0026 C	Consultant/Contractor PM: Lynelle Onishi											
AR PM Contact: Kyle Christie	Provision or RCOP: Provision T	Tele/Fax: 510.874.1758 / 510.874.3268											
dress: 4 Centerpointe Dr.	Phase/WBS: 04 - Mon/Remed by Natural Attenuation R	Report Type & QC Level: Level 1 with BDF											
La Palma, CA 90623		-mail EDD To: Donna_Cosper@urscorp.com											
e/Fax: (714) 670-5303 / (714) 670-5195		voice to: Atlantic Richfield Company											
b Bottle Order No: 11117 Matri	rix Preservative Reques	sted Analysis											
Date Date Soil/Solid	Air range and a second and a s	Sample Point Lat/Long and Comments											
TB-11117-02142000 - 2/14/20 X	6) 2 X X X X X	"ON HOLD"											
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Analytical for QMR sampling

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

BP > Americas > West Coast > Retail > WCBU > CA > Central > 11117 > HistoricalBL

State or Lead Regulatory Agency:

California Regional Water Quality Control Board - San Fra

Requested Due Date (mm/dd/yy):

10 Day TAT

On-site Time:	0835	Temp: 65°	
Off-site Time:	1430	Temp: 70°	
Sky Conditions:	Clear		
Meteorological I	events: Non-	e	
Wind Speed:	10	Direction:	

Page 2 of 2-

Lab Na	me: Sequoia						BP/AR Facility No).:	111	17					_				Co	nsult	ııı/C	ontr	uoto	r:	U	RS					1
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	Morgan Hill, CA 95037						Site Lat/Long:	e Lat/Long: 37.766285 / -122.176									上			_				4612					┨		
Lab PN	1: Lisa Race / Katt Min						California Global I	DN	o.:	T06	5001	0020)1						Co	nsult	ant/C	ontr	acto	r Pro	ject		38487				▋
Tele/F	x: 408.782.8156 / 408.782.6308						Enfos Project No.:										Co	nsult	ant/C							e Onisl	ni				
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SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

	URS		.*	DATE REC'D AT LAB:	. 2-14-0	4		• 1		tory Purposes:
CLIENT NAME:	UB.	<u></u>		TIME REC'D AT LAB:	1602	<u></u>				WATER YES NO
REC. BY (PRINT)	M PB 0 837	<u> </u>		DATE LOGGED IN:	2-19-	-04			WASTE WA	TER YES (NO)
WORKORDER:	FIFEUXZZ		· · .			-		٠.		
· <u>· · · · · · · · · · · · · · · · · · </u>		· · · · · ·	·	· · · · · · · · · · · · · · · · · · ·	CONTAINER	PRESERV		SAMPLE	DATE	REMARKS:
CIRCLE THE APPRO	PRIATE RESPONSE	LAB	DASH #	CLIENT ID	DESCRIPTION	ATIVE	pН	MATRIX	SAMPLED	CONDITION (ETC.)
		SAMPLE#	#	•						
1. Custody Seal(s)	Present / Absent									
	Intact-/-Broken*		 					·	,	
2. Chain-of-Custody	Present / Absent*		 							
3. Traffic Reports or		<u></u>			-		 			
Packing List:	Present / Absent		-			1 / 3	•			
4. Airbill:	Airbill / Sticker		 				 			
	Present / Absent		-			 	· ·			
5. Airbill #:	-	<u> </u>				 :			-	
6. Sample Labels:	Present Absent		 	<u> </u>		 	dr	///		
7. Sample IDs:	Listed / Not Listed					 	186	1	1	
•	on Chain-of-Custody		<u> </u>		 	+	-	:		
8. Sample Condition:	Intact// Broken* /-			<u> </u>		1 104	1		,	
Oi Duyinpire	Leaking*				1 2	11/1/	1			
9. Does information of	n chain-of-custody,		<u> </u>		<u> </u>	<u> </u>	·	-		
traffic reports and	sample labels			<u> </u>	1 - C		-	1	-	
agree?	Yes / No*				10	-	-			
10. Sample received with	hin			<u> </u>	,	- 	-			
hold time?	Yes No*		_	- PY	1	 				
11. Adequate sample vo	olume					- 	- 			
received?	Yes No*						.			
12. Preper preservatives	used? Yes No*		<u>.</u>				 			
13 Trip Blank / Temp B	lank Received?	T								
(circle which, if yes)	Yes No*									
14. Read Temp:	9 E C									
	2.5.	•	X		<u>.</u>				- 	
Corrected Temp: Is corrected temp 4						<u> </u>	`- 			
Is corrected remp 4		/		•						
(Acceptance range for sample **Exception (if any): MI	ETALS / DEF ON ICE									
¶**Exception (if any): Mi	LIALO / BIT ORIOL			•		A CONTRACTOR OF THE PARTY OF TH	865 S0183	Constitution of the Consti	MARKET AND ADDRESS OF THE PARTY	NAMES OF THE PARTY
or Problem COC		no vy menen	except of	OOUTLOT DDO IECT	MANAGER AN	ID ATTAC	H RECO	RD OF R	ESOLUTION	

SRL Revision 7 Replaces Rev 5 (07/13/04) *{lective 07/19/05 Page ____o/_

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

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

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

ORGANIZATION NAME:

URS Corporation-Oakland Office

USER NAME:

URSCORP-OAKLAND

DATE CHECKED:

4/19/2006 12:38:14 PM

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

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CONTACT SITE ADMINISTRATOR.

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

UPLOADING A GEO_WELL FILE

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

Submittal Title:

1Q 2006 BP/ARCO 11117

GEOWELL

Submittal Date/Time: 4/19/2006 12:39:21 PM

Confirmation

9471250772

Number:

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SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:

URS Corporation-Oakland

Office

USER NAME:

URSCORP-OAKLAND

DATE CHÈCKED:

4/19/2006 12:43:16 PM

GLOBAL ID:

T0600100201

FILE UPLOADED:

BP11117-Revised EDF-

MPB0833.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.

ВP

Regional Board - Case #: 01-0215

7210 BANCROFT AVE OAKLAND, CA 94605 SAN FRANCISCO BAY RWQCB (REGION 2)

Local Agency (lead agency) - Case #: 3960

ALAMEDA COUNTY LOP - (RWS)

SAMPLE DETECTIONS REPORT

FIELD POINTS SAMPLED

- 10 9
- # FIELD POINTS WITH DETECTIONS # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL
- 6

SAMPLE MATRIX TYPES

WATER

METHOD QA/QC REPORT

METHODS USED **TESTED FOR REQUIRED ANALYTES?** LAB NOTE DATA QUALIFIERS

8260FA

Y

5

5

0

0

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS METHOD HOLDING TIME VIOLATIONS LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT LAB BLANK DETECTIONS

DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?

- LAB METHOD BLANK - MATRIX SPIKE

Υ Ν - MATRIX SPIKE DUPLICATE N

- BLANK SPIKE - SURROGATE SPIKE Υ Υ

Υ

Υ

Υ

WATER SAMPLES FOR 8021/8260 SERIES

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

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% SURROGATE SPIKES % RECOVERY BETWEEN 85-115%

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%

OOIL OAMI ELST OK 802 1/0200 SEKILS	
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65 135%	i- n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70- 130%	n/a

FIELD QC SAMPLES		
SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 5018526315

Date/Time of Submittal: 4/19/2006 12:48:03 PM

Facility Global ID: T0600100201

Facility Name: BP

Submittal Title: 1Q BP/ARCO 11117 EDF Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload

BP Regional Board - Case #: 01-0215 7210 BANCROFT AVE SAN FRANCISCO BAY RWQCB (REGION 2) OAKLAND, CA 94605 Local Agency (lead agency) - Case #: 3960 ALAMEDA COUNTY LOP - (RWS)		
SUBMITTED BY S	E QUART BP/ARCO 11117 EDF Q1 20 SUBMIT DATE STATUS I/19/2006 PENDING REVIEW	
SAMPLE DETECTIONS	PEROPT	
# FIELD POINTS SAMPLED	<u>KLF OKT</u>	10
# FIELD POINTS WITH DETE	CTIONS	g
# FIELD POINTS WITH WATE	R SAMPLE DETECTIONS ABOVE MCL	6
SAMPLE MATRIX TYPES	,	WATER
METHOD QA/QC RE	PORT	
METHODS USED	8	3260FA
TESTED FOR REQUIRED ANA		Υ
LAB NOTE DATA QUALIFIERS		Y
OA /OC EOR 9021 /9	260 SERIES SAMPLES	
<u>QA/QC FUR 8021/8</u>		
TECHNICAL HOLDING TIME V	/IOLATIONS	Ε
METHOD HOLDING TIME VIO		5
TECHNICAL HOLDING TIME \ METHOD HOLDING TIME VIO LAB BLANK DETECTIONS ABO LAB BLANK DETECTIONS	PLATIONS	5
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BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a FIELD QC SAMPLES				
QCTB SAMPLES	N	0		
QCEB SAMPLES	N	0		
QCAB SAMPLES	N	0		

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