

2:09 pm, Aug 01, 2007

Alameda County Environmental Health



Atlantic Richfield Company (a BP affiliated company)

P.O. Box 1257 San Ramon, CA 94583 Phone: (925) 275-3801 Fax: (925) 275-3815

27 July 2007

Re: Second Quarter 2007 Ground-Water Monitoring Report

Former BP Station # 11132

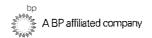
3201 35th Avenue Oakland, California ACEH Case #RO000014

"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 Manger



Second Quarter 2007 Ground-Water Monitoring Report

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

Prepared for

Mr. Paul Supple Environmental Business Manager Atlantic Richfield Company P.O. Box 1257 San Ramon, California 94583

Prepared by



1324 Mangrove Avenue, Suite 212 Chico, California 95926 (530) 566-1400 www.broadbentinc.com

27 July 2007

Project No. 06-08-655



27 July 2007

Project No. 06-08-655

Atlantic Richfield Company P.O. Box 1257 San Ramon, California 94583 Submitted via ENFOS

Attn.: Mr. Paul Supple

Re:

Second Quarter 2007 Ground-Water Monitoring Report, Former BP Station #11132, 3201 35th Avenue, Oakland, Alameda County, California; ACEH Case #RO0000014

Dear Mr. Supple:

Provided herein is the *Second Quarter 2007 Ground-Water Monitoring Report* for Former BP Station #11132 (herein referred to as Station #11132) located at 3201 35th Avenue, Oakland, California (Site). This report presents results of the ground-water monitoring and sampling conducted at Station #11132 during the Second Quarter of 2007.

Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

A 7/-12//_

Thomas A. Venus, P.E.

Senior Engineer

Robert H. Miller, P.G., C.HG. Principal Hydrogeologist

Enclosures

cc: Mr .Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)

Ms. Shelby Lathrop, ConocoPhillips (Submitted via WebXtender)

Electronic copy uploaded to GeoTracker

ARIZONA

CALIFORNIA

NEVADA

TEXAS

ROBERT H. MILLER

STATION #11132 QUARTERLY GROUND-WATER MONITORING REPORT

Facility: #11132 Address: 3201 35th Avenue, Oakland, California
Environmental Business Manager: Mr. Paul Supple

Consulting Co./Contact Persons: Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus

(530) 566-1400

Consultant Project No.: 06-08-655

Primary Agency/Regulatory ID No.: Alameda County Environmental Health (ACEH)

ACEH Case # RO000014

WORK PERFORMED THIS QUARTER (Second Quarter 2007):

1. Prepared and submitted First Quarter 2007 Ground-Water Monitoring Report.

- 2. Conducted ground-water monitoring/sampling for Second Quarter 2007. Work performed by Stratus Environmental, Inc. (Stratus) on 22 May 2007.
- 3. Performed monthly free product (FP) gauging and utilized absorbent socks as an interim remedial action measure.

WORK PROPOSED FOR NEXT QUARTER (Third Quarter 2007):

- 1. Prepared and submitted this Second Quarter 2007 Ground-Water Monitoring Report (contained herein).
- 2. Conduct quarterly ground-water monitoring/sampling for Third Quarter 2007.
- 3. Perform monthly FP gauging and bailing and utilize absorbent socks as an interim remedial action measure.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	Ground-Water Monitoring/Sampling/FP Bailing
Frequency of ground-water monitoring:	Quarterly: MW-1 through MW-10 and RW-1
Frequency of ground-water sampling:	Quarterly: MW-1, MW-2, MW-5, MW-8, MW-9, MW-10, and RW-1 Annually (1Q): MW-3, MW-4, MW-6, and MW-7
Is free product (FP) present on-site:	Yes (MW-1, RW-1)
FP recovered this quarter:	Unknown volume within absorbent socks
Cumulative FP recovered since 1990:	52.774 gallons
Current remediation techniques:	Interim FP Bailing/Absorbent socks
Depth to ground water (below TOC):	15.11 ft (MW-6) to 20.16 ft (MW-4)
General ground-water flow direction:	South
Approximate hydraulic gradient:	0.005 ft/ft

DISCUSSION:

Second quarter ground-water monitoring was conducted at Former BP Station #11132 by Stratus on 22 May 2007. Water levels were gauged in 11 wells at the Site. Sheen was noted in wells MW-8, MW-9 and MW-10. Separate phase hydrocarbons (SPH, or Free Product – FP) were observed in wells MW-1 (0.01 ft) and RW-1 (unable to measure product thickness). No other irregularities were noted during water level gauging. Depth to water measurements across the Site ranged from 15.11 ft at MW-6 to 20.16 ft at MW-4. Resulting ground-water surface elevations ranged from 150.37 ft above mean sea level at MW-3 to 149.68 ft at MW-7. Second quarter 2007 ground-water elevations were within the historic minimum and maximum ranges for each well. These ground-water level elevations yielded a

potentiometric ground-water flow direction and gradient of approximately 0.005 ft/ft to the south, which is consistent with historical data (see Table 3). A map of the site showing ground-water elevation contours with flow direction arrow is provided as Drawing 1. Station #11132 ground-water elevation data is summarized in Table 1. Field data sheets from ground-water monitoring at Station #11132 are provided in Appendix A.

Consistent with the current ground-water sampling schedule, water samples were collected from wells MW-2, MW-5, MW-8, MW-9, and MW-10. Wells MW-1 and RW-1 were not sampled as separate phase hydrocarbons were present (See discussion below). No other irregularities were reported during sampling. Samples were submitted under chain-of-custody protocol to Test America Analytical Testing Corporation (Morgan Hill, California), for analysis of Gasoline Range Organics (GRO, C4-12) by the LUFT GCMS Method; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and tert-Amyl methyl ether (TAME), tert-Butyl alcohol (TBA), Di-isopropyl ether(DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Ethanol, Ethyl tert-butyl ether (ETBE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. No significant irregularities were encountered during laboratory analysis of the samples. Ground-water sampling field data sheets and the laboratory analytical report, including chain-of-custody documentation, are provided in Appendix A.

Gasoline range organics (GRO) were detected above the laboratory reporting limit in each of the five wells sampled at concentrations up to 91,000 micrograms per liter (µg/L) in well MW-2. Benzene was detected above the laboratory reporting limit in each of the five wells sampled at concentrations up to 15,000 μg/L in well MW-2. Toluene was detected above the laboratory reporting limit in four of the five wells sampled at concentrations up to 8,700 μg/L in well MW-2. Ethylbenzene was detected above the laboratory reporting limit in each of the five wells sampled at concentrations up to 4,700 µg/L in well MW-2. Total Xylenes were detected above the laboratory reporting limit in each of the five wells sampled at concentrations up to 20,000 µg/L in well MW-2. MTBE was detected above the laboratory reporting limit in four of the five wells sampled at concentrations up to 1,000 µg/L in well MW-2. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the wells sampled this quarter. Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well. Historic laboratory analytical results are summarized in Table 1 and Table 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 1. A copy of the laboratory analytical report, including chain-of-custody documentation, is provided in Appendix A. Ground-water monitoring data (GEO_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation pages are provided in Appendix B.

Separate phase hydrocarbons (SPH, or Free Product – FP) were monitored and removed during each month of Second Quarter 2007. On 10 April 2007, FP thickness was measured in wells MW-1 (0.15 ft) and RW-1 (0.10 ft), but not wells MW-8 through MW-10. Absorbent socks were replaced within wells MW-1 and RW-1 during this visit. On 22 May 2007, FP thickness was measured in wells MW-1 (0.01 ft), RW-1 (unable to measure FP thickness), MW-8 (sheen), MW-9 (sheen), and MW-10 (sheen). New absorbent socks were installed into wells MW-1 and RW-1. On 26 June 2007, FP thickness was measured in wells MW-1 (0.05 ft), MW-8 (no sheen/FP), MW-9 (no sheen/FP), MW-10 (sheen) and RW-1 (sheen). Absorbent socks were removed from wells MW-1 and RW-1. Approximately one gallon of FP/water mixture was removed from wells MW-1, MW-10, and RW-1, totaling three gallons of FP/water mixture removed from the Site during Second Quarter 2007. Stratus will investigate the use of passive oil skimmers in wells MW-1 and RW-1. Passive oil skimmers will enable quantification of the volume of FP removed, as well as remove FP full-time. Total cumulative FP removed to date at the Site is approximately 52.774 gallons, but this does not include the unknown volume absorbed within the socks that were removed and replaced each month during this quarter. Table 4 contains a summary of FP removal data. Copies of the field data sheets for site visits conducted this quarter are included within Appendix A.

CLOSURE:

The findings presented in this report are based upon: observations of Stratus field personnel (see Appendix A), the points investigated, and results of laboratory tests performed by Test America (Morgan Hill, California). Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of Atlantic Richfield Company. It is possible that variations in soil or ground-water conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

- Drawing 1. Ground-Water Elevation Contour and Analytical Summary Map, 22 May 2007, Former BP Service Station #11132, 3201 35th Avenue, Oakland, California
- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #11132, 3201 35th Ave., Oakland, CA
- Table 2. Summary of Fuel Additives Analytical Data, Station #11132, 3201 35th Ave., Oakland, CA
- Table 3. Historical Ground-Water Flow Direction and Gradient, Station #11132, 3201 35th Ave., Oakland, CA
- Table 4. Free Product Removal, Former BP Service Station #11132, 3201 35th Avenue, Oakland, CA
- Appendix A. Stratus Ground-Water Sampling Data Package (Includes Field Data Sheets and Laboratory Analytical Report with Chain-of-Custody Documentation)
- Appendix B. GeoTracker Upload Confirmation

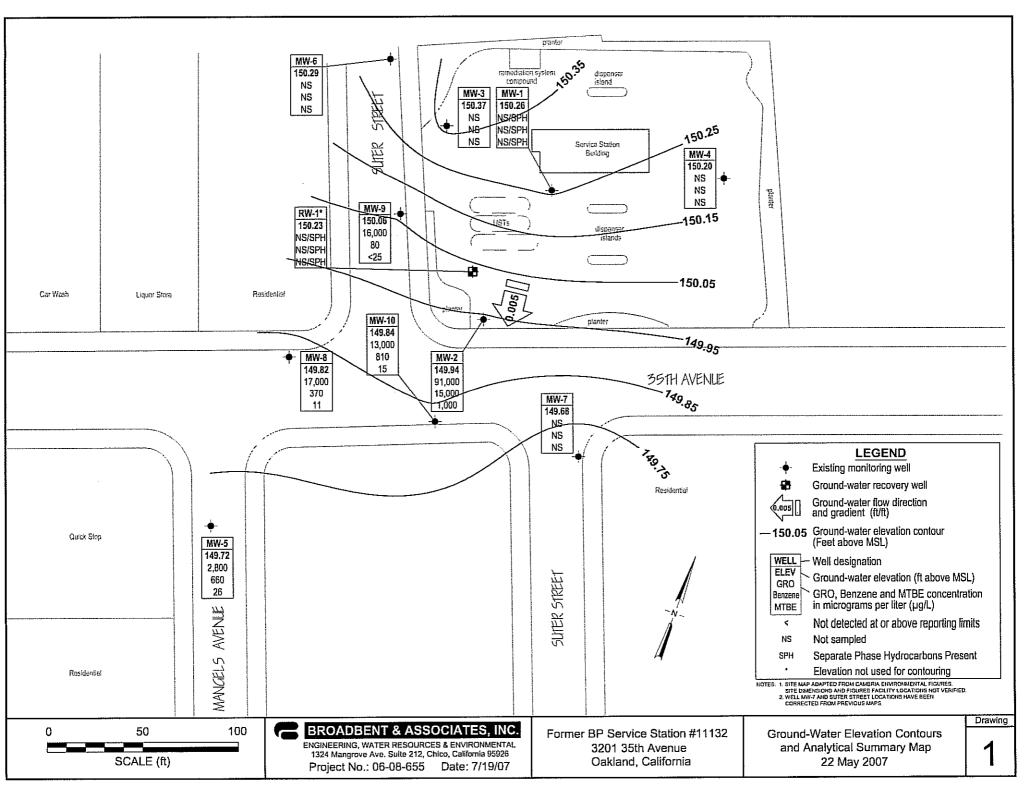


Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	ıtions in (μ	g/I.)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-1															
7/9/1990		169.75		0.22											
12/21/1990		169.75		0.58	racianisiscos especial especial contraction in the contraction in the contraction is a second contraction in the contraction in the contraction in the contraction in the contraction is a second contraction in the contracti	*****************************		<u></u>							
3/7/1991		169.75	20.59	0	149-16									-	
4/1/1991		169.75	16.51	0.15	153.09			 	 Hintlernstateur					 :::::::::::::::::::::::::::::::::::	
6/27/1991		169:75		0.18											
9/27/1991 12/18/1991		169.75 169.75	-	0.27 0.28											
7/3/1992		169.75	22.30	0.27	147.18										
10/5/1992		169.75	23.98	0:24	145.53									195124	
1/13/1993	-	169.75	17.03	0.24	152.48		—								menga kananan den propinsi ang kalang dan
4/23/1993		169.75	18.10	0.42	151.23										
7/12/1993	-	169.75	22,02	0.49	147.24		_								DITHEM COLORANGE MENTANGE OF SECTION OF SECT
10/21/1993		169.75	25 (2	1.09	143 54			######################################							
1/21/1994 4/20/1994	- 	169.75	23.02 24.54	0.76	145.97	-	-				 aleinabiebinahiliki			 ###################################	
8/1/1994		169.75	24.11	0.35	145,29										
12/23/1994		169.75	18.19		151.56									1044	
1/26/1995	-	169.75	16.25	1.1	152.40	-		 							
6/8/95-6/28/95		169:75		1.25	145 63										
6/8/1995		169.75	22.92		146,83										THE PERSON TO PERSON EXPENDED AND ARE LESS FOR THE PERSON AND ARE
8/22/1995		169.75	24,45	0.85	144.45										
10/27/1995		169.75	25.41		143.65							 TENNASTI		-	
10/30/95-12/23/95 1/25/96-2/16/96		169.75 169.75		0.69 1.40	150.15										
1/25/1996		169.75	18.20		150.15 151.55										
4/19/1996		169.75	19.06	1.22	149.47				 	 	-			2010/ENE	
7/23/1996		169.75	22.98	0,89	145.88		traffije 434. Te Cetter							_	
11/11/1996		169.75	23,99	0.89	144.78	-	 ::#EISH-MM/\$\$#:								# 144 \$ \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$ 144 \$
1/21/1997		169.75	16.80	0.9	152.05							1			
4/29/1997	-	169.75	21.90	0.85	147.00	-	-	 appgsphelen			 HIENGE <u></u>	 ###################################			ennemakkonkakkakakakak
4/30/1997		169.75				92,000	3.500	8,100	4.400	23,800	6,900	-		-	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	ıtīons in (μ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/		<u> </u>	Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(fect)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-1 Cont.															
4/30/1997	1	169.75				100,000	3,600	8,000	4,000	21,300	7,700	5/2			
8/21/1997		169.75	_			120,000	3,200	8,100	3,800	19,600	5,200				C
8/21/1997		169.75	23,40		146.35	140,000	113,000	8,500	3,900	22,100	5,700	53			
11/2/97-12/9/97		169.75		0.87											
11/5/1997		169:75				88,000	7.300	4.800	7,600	16,900	8,200				ic is
11/5/1997		169.75	23.70	***	145.51	68,000	6,200	4,400	3,300	14,300	8,000	4.7			
2/3/1998		169,75	13.63	0.32	155.80										
2/4/1998		169.75	— 			160,000	2,300	8,400	5,000	29,400	<10000	— 	— !::::::::::::::::::::::::::::::::::::		C
2/4/1998		169.75				190,000	2,200	10,000	5,600	32,000	<10000	53			
5/28/1998	 umummasaan	169.75	18.03	0.17	151.55	87,000	980	3,900	3,600	19,000	2,900	3.8		 wanna	
12/30/1998		169.75	19.50	80.0	150.17	70,000	530	3,200	2,900	16,000	3,600				
2/2/1999		169.75	18.93	0.03	150.79	79,000	480	3,100	3,500	21,000	3,500	— ::::::::::::::::::::::::::::::::::::	— 100400149043	 Mineral	
5/10/1999		169.75	18/28	0.03	151,44	110,000	160	1,900	3,700	124,000	3,000				
8/24/1999		169.75	20.13	0.06	149.56 147112	110,000 65,000	850 #6300##	1,300 1,100	1,900 3,300	19,000 #93500	<50 8,900			- 	
11/3/1999		169.75	22.27	0.36 0.23	154.73	0.25000 6		11100	21200	7,700					h
3/1/2000 4/21/2000	-	169.75 169.75	14.79 18.10	0.23	151.32	61,000	330	- 780	2,700	17.000	1/300				
7/31/2000		169.75	21.60	0.53	147.62	1,500,000	340	2,100	24,000	120,000	2,700				
11/20/2000		169.75	21.69	0.37	147.69	1.700.000	1,800	2300	19,000	93,000	3,900				
2/18/2001		169.75	16.70	0.13	152.92										
2/26/2001		169,75	14.38	0.15	155 22	100.000	658	466	4,210	15,000	1,890				
6/7/2001		169.75	20.78	0	148.97	70,000	705	440	3,870	12,200	2,720	_			
9/5/2001		69.75	23.36	0.35	146.04										
11/30/2001	######################################	169.75	20.85	0.41	148.49	-		 		<u> </u>					
12/6/2001		169.75	18.72	0.27	150.76	39,000	3,500	237	2,150	4,500	5,400				
2/20/2002	-	169.75	17,43	0.15	152.17	52,000	465	271	1,600	11,400	106				and the section of the state of the section of the
6/20/2002		169 75	21.18	0.34	148.23										
9/11/2002		169.75	22.86	0.4	146.49			 		i (i i i i i i i i i i i i i i i i i i	 	- -		hieliestiisi —	j
11/12/2002		169.75	22.65	0.37	146 73										
1/29/2003		169.75	18.15	0.3	151.30		-					and transferent to	***************************************		j,n
5/22/2003		169.75	18,49	0.2	151,06										

		тос	Depth to	Product	Water Level			Concentra	ıtions iπ (μ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/	, and a second		Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-1 Cont.															
6/24/2003		169.75	21.44	0.35	147.96										a a
7/28/2003		169.75	22.72	0.35	146.68										j
8/12/2003		169.75	22.64	0.23	146.88										Ō
9/12/2003		169.75	20.70	0.24	148.81	 100000000000000000000000000000000000				 !!!!!!!!!!!!!!!!!!!		 			
10/3/2003 11/18/2003	NP	169.75 169.75	21.70	0,23 0,25	148.25										
12/31/2003		169.75	21.70	0.15		INATERACTOR BARACTERS	***************************************		- 						
2/2/2004		169.75	-	0.15							-				
02/23/2004	NP	169.75	1634	0.09	153.48										
3/18/2004		169.75		0.09	<u>-</u> -						<u></u>				
4/13/2004		169.75		0,24											
05/04/2004	NP	169.75	21.28	0.16	148.60	-	-								
6/2/2004		169.75		0.08											
7/2/2004 08/04/2004		169.75	 22.54	0.28	 147/29	 	— 	-		-	 				
09/22/2004	NP	169.75 169.75	22.76	0.20	147.15									-	
10/26/2004		169:75		0.20											
11/10/2004	—	169.75	20,19	0.14	149.67						iczinejideskieliki —	-			
12/27/2004	-	169 75		0.08										-	
01/13/2005		169.75	14.58	0.03	155.19				_	-					
02/15/2005		169.75	1613	0.04	153.65										
03/07/2005	 	169.75	13.31	0.01	156.45		 ###################################	 Summananan		 WARWESHARE	 Haunanan				
4/29/2005 05/16/2005		169.75 169.75	15.74	0.01	154.03										
6/21/2005		169.75	13.74	0.02	134.03			- 2000 <u>4</u> 444				- 1000	-		
7/7/2005		169.75		0.18		######################################	######################################	711117241111111111111111111111111111111		Kilinikii —					
08/17/2005		169:75	21.15	0.08	148,66				_						
9/6/2005	 	169.75		0.02	— —	-		 	 	 	 	— —	-	-	
10/4/2005		169.75		0.12			-	-							
11/18/2005		169.75	20.15	——————————————————————————————————————	149.60				29 34 24 24 20 00 1Ac2 00 1		# 1000000 10000000000000000000000000000				j
12/30/2005		169.75		0.03											

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

1111		тос	Depth to	Product	Water Level			Concentro	ıtions in (μ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-1 Cont.															
1/24/2006		169.75		0.00		Jane priving a phobly such									
02/07/2006		169.75	15.19	0.01	154.57				-		-	_			j
3/30/2006		169.75		0.00											
5/19/2006	P	169.75	17.42	**	152.33	44,000	73	510	3,300	5,300	86		SEQM	6.9	u, t
8/23/2006		169.75	22,01	0.14	147.74										P j
11/15/2006		169.75	21.98	0.18	147.91			 Emeteration							b, j
2/14/2007		16975	17,12	017	152.76										F
5/22/2007	_	169.75	19.49	0.01	150.26		<u>-</u>	_	-	-	-	<u> </u>	-	_	b, j
MW-2															
7/9/1990		168:14													
12/21/1990		168.14								-	-	-			
3/7/199		168.14	19.18		148,96								4	4-44	
4/1/1991		168.14	15.21	 	152.93			-				-			
6/27/1991 9/27/1991	-	168.14 168.14													
12/18/1991		168.14				***************************************									
7/3/1992		168.14	20.93		147.21								######################################		
10/5/1992		168.14	22.74		145.40									-150111511	
1/13/1993	_	168.14	15.55	#1 <u>(15)</u>	152.59		-		— —		 				elenetaristetimetratiterinitatetrimitatinismassitetissä
4/23/1993		168:14	16.54		151.60										
7/12/1993		168.14	20.46		147.68			_						-	
10/21/1993		168,14	2491		143.23										
1/21/1994		168.14	21.20	-	146.94		_					-			
4/20/1994		168,14	22,44		145 70	1,800	140	370	54	290	24	117			
8/1/1994	ayozonyi pilatozi bigi i	168,14	22.24		145.90	— 	-			 	-	 hiiisaine	 Las de de de de de	 :::::::::::::::::::::::::::::::::::	
12/23/1994		168.14	16/25		151.89										
1/26/1995		168.14	14.55	<u> </u>	153.59 146.96	 :::::::::::::::::::::::::::::::::::		 		-					
6/8/1995 8/22/1995		168.14 168.14	21.18		145.38										
			1												
10/27/1995		168.14	23.61		L#453										

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	ıtions in (μ	ıg/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-2 Cont.									-	1					
1/25/1996		168.14	1595		152 19									шш.	
4/19/1996		168.14	17.33		150.81		-		 			100000000 	######################################		
7/23/1996		168 14	21.25		146 89										
11/11/1996		168.14	22.27		145.87			-		-					enconstruction (Communication Control (Control (
1/21/1997		168.14	15.19		152.95								I		
4/29/1997	 Suumanaa	168.14	20.22		147.92										
4/30/1997 8/21/1997		168.14				130,000	4,600	15,000	6,000	37,000	< 5000	15			
11/5/1997		168.14 168.14	21.74 21.61		146.40	110,000	6,000	16,000	4,700	28,000	<500	4.6			Managaran da
2/3/1998		168.14	11.51		146.53 156.63	120,000 75,000	7,800 590	18,000 1,500	4.900 1,800	28,100 12,800	<2500	4.6			
5/28/1998		168.14	1651		150.63	79,000	3900	1,500 001,5	1,800	12,000	<2500 900	4.5 43			
12/30/1998	-	168.14	17.70	10.561.1151.1151.1151.1151.1151.1151.115	150.44	95,000	4,700	3,500	3,700	21.000	<250				
2/2/1999		168:14	15,46		152.68	170,000	3.500	1,500	5,200	34,000					
5/10/1999		168.14	16.52	<u></u>	151.62	84,000	3,200	3,200	3,700	20,000	75		::::::::::::::::::::::::::::::::::::::		
8/24/1999		168:14	20.73		147.41	130,000	9,100	9,200	4,700	27,000	\$250				
11/3/1999		168.14	20.93		147.21	120,000	10,000	21,000	4,700	30,200	2,200			i asējora izsekit.	
3/1/2000		168.14	13.37		154.77	19,000	1,400	1,500	1,700	8,100	44				
4/21/2000		168.14	16.59		151.55	68,000	3,300	2,500	3,100	20,000	260				ANA ROMENTA PROPERTY COMES AND THE RESERVE AND THE PROPERTY OF
7/31/2000 I 1/20/2000		168.14 168.14	1637		15.77	99,000	5,600	1,400	4,300	22,000	490				
2/18/2001		168.14	19.71 		148.43 152.85	37,000 54,000	5,100 5,020	1,500 3,880	1,300 2,850	4,800	2,800				
6/7/2001		168.14	19.43		148.71	110,000	7,240	4,380	4,160	15,400 22,100	1,010 567				
9/5/2001		168.14	22.44		145 70	69,000	5750	7,500 5,790	2,770	14.200	.5io				
11/30/2001	10160minine) 	168.14	19.58	±:::::::::::::::::::::::::::::::::::::	148.56	120,000	7,270	6,540	4.590	23.000	794				
2/20/2002		168:14	1639		151.75	56,000	2,410	2,270	2,910	14300	60				
6/20/2002	-	168.14	19.77		148.37	86,000	7,310	6,490	3,080	14,600	659	-		-	Manaratan Have padululuh dan dan dan da
9/11/2002	1111-11	168.14	21,60		146.54	130,000	7,600	13,000	5,400	30,000	<5000				
11/12/2002		168.14	21.34	### ### ### ### ### ### ### ### ### ##	146.80	46,000	4,100	4,300	1,900	10,000	1,900		- 1		t
1/29/2003		168.14	16 80		15) 34	77,000	4,700	2,600	2,800	13,000	820				nt
5/22/2003		168.14	17.15		150.99	52,000	6,400	2,600	008,1	7,400	1,000	nukumme			######################################
7/28/2003		168.14	21,47		146.67	31,000	6,900	5,500	2,200	12,000	1;700				P

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

8/23/2006 P 168.14 20.83 147.31 100,000 12,000 9,100 5,800 25,000 480 TAMC 6.6 11/15/2006 168.14 20.80 147.34 46,000 8,800 3,600 2300 8500 400 070 TAMC 673 2/14/2007 P 168.14 15.96 3HEEN 152.18 100,000 13,000 3,600 6,200 26,000 810 1.43 TAMC 6.97 t 5/22/2007 P 168.14 18.20 149.94 91,000 15,000 8,700 4,700 20,000 1,000 0.08 TAMC 6.90 MW-3 12/21/1990 167.17 0.19 100 6 0.9 27			тос	Depth to	Product	Water Level			Concentra	tions in (µ	g/L)					
MW-2 Cost. 11/18/2003 F 168.14 20.30			Elevation										1 - 7			
	Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	ТРНд	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
02237200-4 P 168.14	MW-2 Cont.															
05/04/2004 P	11/18/2003	P	168.14	2050		147.64	23,000	3,300	800	500	2,000	500		SEOM	6.6	
DB/04/2004 P 168.14 21.39 - 146.75 38,000 9,100 3,300 1,900 5,800 430 - SEQM 6.69 t	02/23/2004	P	168.14			153.37	84,000	177757975797779339577	1		_		ŀ		6.6	t
1010/2004 P	05/04/2004													MARKET AND AND ASSESSED.	ireserniiria.	
02/15/2005 P 168.14 15.62 152.52 67,000 11,000 4,200 3,000 11,000 690 SEQM 7.1 1 05/16/2005 P 168.14 14/71 153.63 94,000 11,000 7,600 4,100 17,000 560 SEQM 6.5 08/17/2005 P 168.14 20.00 148.14 110,000 13,000 8,000 4,300 18,000 480 SEQM 6.5 11/18/2005 P 168.14 20.89 147.53 37,000 11,000 2,400 15,000 440 SEQM 6.6 02/07/2006 P 168.14 13.31 154.83 74,000 8,900 5,800 3,600 14,000 440 SEQM 6.6 8/23/2006 P 168.14 106.50 151.84 78,000 11,000 12,000 9,100 5,800 25,000 430 SEQM 6.6 11/15/2006 P 168.14 20.83 147.31 100,000 12,000 9,100 5,800 25,000 480 TANC 6.6 11/15/2006 P 168.14 15.96 SHEEN 152.18 100,000 13,000 3,600 6,200 25,000 480 TANC 6.6 11/15/2007 P 168.14 15.96 SHEEN 152.18 100,000 13,000 3,600 6,200 25,000 810 1.43 TANC 6.97 12/14/2007 P 168.14 18.20 147.34 46.000 8,700 13,000 6,200 25,000 810 1.43 TANC 6.97 12/14/2007 P 168.14 18.20 149.54 91,000 13,000 8,700 4,700 20,000 10,000 0.00 10,000 1	*/***********************************	CONTRACTOR OF THE PERSON NAMED IN						22A22C0001808F01808600								
05/16/2005 P 168:14 14/71 - 153:43 94.000 11,000 7,600 4100 7,000 560 - SEQM 6.5 08/17/2005 P 168.14 20.00 148.14 110,000 13,000 8,000 4,300 18,000 480 SEQM 6.6 11/18/2005 P 168.14 20.89 114/25 37,000 11,000 2,400 1,500 4,600 340 SEQM 6.6 02/07/2006 P 168.14 13.31 154.83 74,000 8,000 1,500 14,000 440 SEQM 6.7 5/19/2006 P 168.14 163.03 157.84 78,000 11,000 3,700 4,500 14,000 430 SEQM 6.6 8/23/2006 P 168.14 20.83 147.31 100,000 12,000 9,100 5,800 25,000 480 TAMC 6.6 11/18/2007 P 168.14 15.96 147.34 46,000 8,800 3,600 25,000 400 0.70 TAMC 6.73 2/14/2007 P 168.14 15.96 149.94 91,000 12,000 3,600 6,200 26,000 810 1.43 TAMC 6.97 t 5/12/21090 167.17 0.19 100 6 0.9 27				mani kalimatan k				45726213174233446454			tribosiniski kilinini					
08/17/2005 P 168.14 20.00 - 148.14 110,000 13,000 8,000 4,300 18,000 480 - SEQM 6.6 11/18/2005 P 168.14 20.89 - 147/25 37/000 11/000 2,400 11,000 3,600 3,600 3,600 3,600 40 - SEQM 6.6 02/07/2006 P 168.14 13.31 - 154.83 74,000 8,900 5,800 3,600 14,000 440 - SEQM 6.6 8/3/2006 P 168.14 20.83 - 147.31 100,000 12,000 9,100 5,800 25,000 480 - TAMC 6.6 11/15/2005 - 168.14 20.83 - 147.31 100,000 12,000 9,100 5,800 25,000 480 - TAMC 6.6 11/15/2005 - 168.14 15.96	***			14 (++++++++++++++++++++++++++++++++++++		CANADA FRIDA AVERAN BY THE TREE THE THE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			***************************************				manifestative teams	A PART A TOTAL CORP.	
			10750 TO 10910 BAT SERVICE STREET				omenical designates.		Minima de la composición dela composición de la composición dela composición de la c				*********			
S(19/2006 P 168.14 16.30 - 151.84 78.000 11.000 3.760 4.500 14.000 4.30 - SEM 6.6		_					STATE OF THE PARTY	AND ADDRESS OF THE PERSON NAMED OF	NEXT TO THE OWNER.	************		340			6.6	
	02/07/2006	P	168.14	13.31			74,000	8,900	5,800	3,600	14,000	440		SEQM	6.7	antananan maranan mara
1/15/2006 168.14 20.80 147.34 46.000 8,800 3,600 2,300 8,500 400 0.70 TAMC 6.73 2/14/2007 P 168.14 15.96 SHEEN- 152.18 100,000 13,000 3,600 6,200 26,000 810 1.43 TAMC 6.97 t 5/22/2007 P 168.14 18.20 149.94 91,000 15,000 8,700 47,00 20,000 1,000 0.08 TAMC 6.90 MW-3	5/19/2006	P	168.14	1630		151.84	78,000	11,000	3,700	4,500	14,000	430		SEQM	6.6	
2/14/2007 P 168.14 15.96 SHEN 152.18 100,000 13,000 3,600 6,200 26,000 810 1.43 TAMC 6.97 t	ANAMADA YANA TANKI MININI MININI MATURI MATU	_						L	I		******************			7.61 x 2+1 4 T 0 / 6 X 4 X 4 X 4 X 4 (00 th)		TERPENENTEN TERPENENTEN FOR THE TERPENENT PROPERTY AND THE TERPENENT PROPERTY PROPERTY AND THE TERPENENT PROPERTY PROPER
S722/2007 P	1: (1:1111:11:11:11:11:11:11:11:11:11:11:11	X4/14/022310(49)XTTT17		<u>unicummente com</u>		464745948444444444444444444444444444444444	enne en	15116741411161515116131	700000000000000000000000000000000000000	HIMMERRARIM					manneret.	
MW-3 7/9/1990 167.17 0.19 100 6 0.9 27	1114 181900 60004×400194426644 0050476 2517 541		14601-0000-01-000-00-0				100000000000000000000000000000000000000	***************				 	***********		************	
7/9/1990 167.17 140 5,3 4.6 2 3.8 </td <td><u> </u></td> <td></td> <td>pario de la</td> <td></td> <td></td> <td></td>	<u> </u>												pario de la			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						natural de Sual and Ratio de Constant de State (******************	110111111111111111111111111111111111111				and displayed and despited a supplemental to the second state of t	************		27,002417,143,516	
3/7/1991								eolinius kant								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	######################################					_ 	TEATHWAY HALLONG THE ACTION OF THE		i		Laintainen että Esti ista				***************************************	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		366446032444333636														
9/27/1991 167.17 0.07 7.9 0.4 1.1 12/18/1991 167.17 0.26 34 24 0.8 28 <	VI DOMINY THE WINDS NAMED TO BE A PARTY OF THE PARTY OF T						380	28	26		46					
7/3/1992 167.17 19.59 147.58 71 9.4 0.9 5 13 10/5/1992 167.17 450 212 ≤0.51 115 218	9/27/1991	12311221713216771105	167.17	100000000000000000000000000000000000000	 	25699664751X72359472147418121211211	0.07	7.9		0.4	1.1		-			CONTROLLED TO THE PROPERTY OF
10/5/1992 — 167:17 — 450 — 20:50 — 145.95 — 5.1 I.1 6.1 8.1 —	12/18/1991		167.17				026	34	24	0.8	28					
10/5/1992 — 167.17 21.22 — 145.95 67 5.1 1.1 6.1 8.1	7/3/1992		167.17	19.59		147.58		₹					ļ			***************************************
1 Well 1 / 1 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /							Menderin	Firmulliumin		Hammahar	- SUMBIRON -		mercretarium.	Listen Villa Villa and 1841.		
	11777	<u> </u>	/*	. ANALES AND STREET STREET, ST	— 		14*******************		THE PROPERTY OF THE PARTY OF TH	6.1 42	8.1 			 Hasaliinghadi		
		STREET, DESCRIPTION		13.63		10.7.24 10.7.24 10.7.24 10.7.24			Philippin and the party of the							
4/23/1993 - 167.17 <50 <0.5 <0.5 <0.5 <0.5 <				- 		152:15						i	htm::::::::::::::::::::::::::::::::::::			nois a consensió à la comes ames no é ames d'ente à ames a desta antendre de la constitue de la fille de la co
7/12/1993 167.17 19.16 148.01 250 12 4.2 12 16 <5.0 i										Biominani		frankriverram frankriverra			170000000000000000000000000000000000000	i

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	itions in (µ	ig/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-3 Cont.															_
10/21/1993		167.17				65	7/4		6.9	11/4/2					c
10/21/1993		167.17	21.81	***************************************	145.36	52	4.4	1.4	4.7	3.3	<5.0			************	ing (************************************
1/21/1994		167.17	1994		147.23	57	3	3,4	3.6	9 44	#<5.0				
4/20/1994		167.17	20.24		146.93	600	26	23	33	88	28.7	1.8			i
8/1/1994		167.17				120	77	11.6	5.9	6.7	543				i di la
8/1/1994		167.17	20.74		146.43	99	6.2	1.1	4.5	5.2	<5.0	1.4	 	ennere:	i mananananananananananananan
12/23/1994		167.17				<50	iii≤0.5;;;	<0.5	iii≤0.5	<0.5					in in the contract of the cont
12/23/1994	 ***********************************	167.17	14.70		152.47	<50	<0.5	0.78	<0.5	< 0.5	9.8	1.7 			i Harananinggeneppenengangangnen
1/26/1995		167.17 167.17	12.89 19.95		154;28 147,22	190 330	16 21	0.5 4	35. 34	24 32		6.6 7			d e
6/8/1995 8/22/1995		167.17	19.95 EDIAL		147.22	330 150	14		34 <0.50	1.6	<50 €	6.6		ANNAME TO STATE	d
10/27/1995		167.17	22.43		144.74										
10/30/1995		67.17				51	2,4	 	₹0.50	### # 1.0	5 0	6.9			
1/25/1996		167.17	14.03	— —	153.14	<50	<0.50	<0.50	<0.50	<1.0	5.1		 		TOTAL DESIGNATION OF THE STREET OF THE STREE
4/19/1996		167.117	1526		15191	460	55	4	33	63	<10	9.4			
7/23/1996		167.17	19.19	**************************************	147.98	<50	<0.5	<0.5	<0.5	<0.5	<10	9.2			digg a displacial facility (house group his Last for 2 gas to the evry it to git and a time and country
11/11/1996		167.17	2024		146.93	<250	25	₹5.0	iii <5.0 ii	₹5.0	<50	8.4		4	
1/21/1997		167.17	13.09		154.08	<50	<0.5	<1.0	<1.0	<1.0	<10	5.4			any symmet wyserdol klapus way yndisdigdiae padawydi Synni ymniwas gymn
4/29/1997		167, 17	1814		149.03	₹50		<1,0	\$1,0	£1,0	\$ [0	4.9			
8/21/1997	<u></u>	167.17	19.64		147.53	<50	< 0.5	<1.0	<1.0	<1.0	<10	4.9	 1999-1999-1999		
11/5/1997		167,17	19.95		147.22	<250	<2.5	₹5.0	\$5.0	5.0	<50	45			
2/3/1998		167.17 167.17	10.57 14.65		156.60 152.52	<50 330	<0.50 <2.5	<1.0 <5.0	<1.0 <5.0	<1.0 <5.0	<10 <50	4.7 4.2			
5/28/1998 12/30/1998		167.17	16.63		150.54										
2/2/1999		167.17	13.12		154.05	 <250	<5.0			5.0	5.0				
5/10/1999		167.17	14.21	-	152.96		760/16000000 	#11.611.11.11.11.11.11.11.11.11.11.11.11.				######################################			THE PROPERTY OF THE PROPERTY O
8/24/1999		167 17	1436		152.81										
11/3/1999		167.17	19.21		147.96			 		4 MUNICES 144 (174) —					amangapangangangangang
3/1/2000		167.17	15 [7		152.00	₹50	<0.5	0.57	\$0.5	0.62	*************************************	44			
4/21/2000	 	167.17	14.88	——————————————————————————————————————	152.29										and a search testing a mag or part of the first property of the fi
7/31/2000		167.17	15/29		151.88										

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	tions in (u	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-3 Cont.															
11/20/2000		167.17	17231		149.86										
2/18/2001		167.17	12.85		154.32	160	1.95	1.31	10.2	9.09	1			=	2202762 844 44 12 844 44 12 844 14 42 42 42 42 42 42 42 42 42 42 42 42 42
6/7/2001		167.17	18.00		149.17										
9/5/2001	 	167.17	20,32		146.85		 	 234344014614	 DEMICALUTERIZATION	 Timinenaaaninin				 ESTINGE	
11/30/2001		167.17 167.17	1694 14.84		150i23 152.33	86	<0,5	0.845	6.58	5.75		10			
2/20/2002 6/20/2002		167,17	1840		132.33 148.77	ou 		U,04J							
9/11/2002	- -	167.17	20.06		147.11										
11/12/2002		67.17	1984		14733										
1/27/2003		167.17	14.83		152.34	850	20	9.7	24	45	0.76		**********************		n
5/22/2003		167.17	15.60		151.57				<u> </u>						
7/28/2003	 	167.17	20.12 19:15		147.05 148.02				 ###################################	- 	- 	 WWW.		 Denama	p
11/18/2003 02/23/2004		167.17 167.17	13.53		153.64	160	<0.50		9.6	12	<0.50		SEOM	6.7	
05/04/2004		167.17	1861		148.56										
08/04/2004		167.17	19.21		147.96					# 1 (12.61) * (18.24) * (1					ENVERTER DESTRUCTION (SECTION)
11/10/2004		167.17	17.48		149.69										
02/15/2005	P	167.17	14.31		152.86	500	7.8	1.8	9.2	9.6	1.7		SEQM	7.5	
05/16/2005 08/17/2005		167.17 167.17	13.11 18.53		154.06 148.64										
11/18/2005	 	167.17	i9:34		147.83		-				_				
02/07/2006	P	167.17	11.64		155.53	65	<0.50	<0.50	1.4	2.3	<0.50		SEQM	7.1	
5/19/2006		167,17	14.88		152.29										
8/23/2006		167.17	19.43		147.74		-					-			**************************************
11/15/2006		167 17	1972		147.95										
2/14/2007	P	167.17	13.80	-	153.37	200	1.1	<0.50	5.9	3.2	3.8	0.68	TAMC	7.52	
5/22/2007		167.17	16.80		150:37										
MW-4	4-0412-4-05				***************************************			***************	14644111111111111111111111111		********************	-passinaliyesisi	*(*************************************	100200000	
7/9/1990		170.36													
12/21/1990	-	170.36	-							0.8	-			-	

		тос	Depth to	Product	Water Level			Concentra	itions in (u	re/L)	· · · · · · · · · · · · · · · · · · ·	[
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msi)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Tolucne	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-4 Cont.															
3/7/1991		10.36	20.72		149164		22	3.8	il al S	2.8					
4/1/1991		170.36	17.49		152.87	-								ekendratākiņiti:	inatumarintakisti (ja (519) (ja ja j
6/27/1991		170.36					6.3	1.8	0.4						
9/27/1991 12/18/1991	 	170.36	 Tringeromionisces		 	 Hannakanan			 :::::::::::::::::::::::::::::::::::	 	— Prince de contracte de la co		 Stanostanios	<u></u>	
7/3/1992		170.36 170.36	22.16		148,20	<50	<0.5	<0.5	<0.5	<0.5					
10/5/1992		17036	23.10		146.98	 	<0.5	<0.5	<0.5 205	<0.5		-			
1/13/1993		170.36	17.58		152,78	<50	<0.5	<0.5	<0.5	<0.5					
4/23/1993		17036	15.72		154.64	₹50	<0.5	<0.5	1 705	≤0.5				ingeneral ingeneral	
7/12/1993	-	170.36	21.74	-	148.62	<50	<0.5	<0.5	<0.5	<0.5	<5.0				i i
10/21/1993		170.36	23.84		146.52	30	<0.5	<0.5	\$0.5	<0.5	\$5.0				
1/21/1994		170.36	22.42 22.66	 Bunananananan	147.94	<50	<0.5	<0.5	<0.5	<0.5	<5.0		 :::::::::::::::::::::::::::::::::::		i
4/20/L994 8/1/1994		170/36 170/36	22.00 23.01		147.70 147.35	<50 <50	<0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	₹5 .0 <5 .0	1.9			i
12/23/1994		17036	17.03		147.55										1
1/26/1995		170.36	17.42		152,94	<50	<0.5	<0.5	<0.5	<1		7.5		-	
6/8/1995		170.36	21155		148.81										
8/22/1995		170.36	23.47		146.89	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.4			d
10/27/1995		170.36	24/50		145,86										
1/25/1996 4/19/1996		170.36 170.36	18.74 18.63		151.62 151.73	<50 —	<0.50	<0.50	<0.50	<1.0	58	 !!!!!!!!!!!!!!!		 Tesener	THE CONTROL OF A SAME AS A CONTROL OF THE CONTROL O
######################################		170.36	22.56		147.80				1						
11/11/1996		170:36	23.63		146.73	######################################	<1.0	\$10		11216	34	8.2	-		
1/21/1997		170.36	16.59		153.77		 	 	 			 		::::::::::::::::::::::::::::::::::::::	
4/29/1997	114	170:36	21,43		148.93	<50	<0,5	<1.0	<1.0	<1.0	<10	4.7			
8/21/1997		170.36	22.91	TT.	147.45								**		***************************************
11/5/1997		17036	22/34		148,02	60	<0.5	<1.0	₹1.0	<1.0	76	49			
2/3/1998	 2070:5:10	170.36	12.26	-	158.10	_ 			 Hannericasion	-		 	 (5)(5)(1)(5)(1)		
12/30/1998		170,36 170,36	18.50 19.69		151.86 150.67		₹05	<1,0 -	<1.0	≪1.0	160	4.2			
2/2/1999		170.36	18.26		152.10	70	- slo	- - 0	 	<1.0	 130				

		тос	Depth to	Product	Water Level			Concentra	ations in (µ	g/L)	17				
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-4 Cont.													İ		
5/10/1999		170.36	17.86		152/50										
8/24/1999		170.36	17.93		152.43					-				-	AND A LOUIS CONTRACTOR OF THE STATE OF THE S
11/3/1999		170.36	22.78		147.58										
3/1/2000 4/21/2000		170.36	18.04	 	152.32	<50	<0.5	0.67	<0.5	0.7	110	— ensuranteur	-		Armandarenierskulningsbirgereis
7/31/2000		170.36 170.36	1736 17.83		153.00 152.53										
11/20/2000		170.36	189		151,45								 	-	
2/18/2001		170.36	17.72		152.64	88	<0.5	<0.5	<0.5	<0.5	97.3				
6/7/2001		17036	20/23		isola				 						
9/5/2001		170.36	22.76	WATER PARTICULAR TRANSPORT	147.60										
11/30/2001		170.36	21(30		149.06										
2/20/2002	-	170.36	19.32		151.04	76	<0.5	<0.5	<0.5	<1.0	81				CHAPTER THE THE TREE TO THE TAXABLE AND THE TA
6/20/2002 9/11/2002		170.36 170.36	20.71		1 49.65 148.14		•								
11/12/2002		17036	22.22		148.14		-	- 3000 <u>-</u> 500			-			-	
1/29/2003		170.36	19.80		150.56	100	<0.5	<0.5	<0.5	<0.5	66		######################################		n
5/22/2003		170.36	1935		151.01										
7/28/2003		170.36	22.18		148.18			-							p
11/18/2003		170.36	21,65		148.71										
02/23/2004	P L	170.36	17.53		152.83	75 	<0.50	<0.50	<0.50	< 0.50	65		SEQM	6.8	
05/04/2004 08/04/2004		170.36 170.36	20.62 21.30		149,74 149.06										
11/10/2004		170.36	20.65		149.00				-	 901001180115	 Lunnumanan (1911)	 		 Ciniquan	
02/15/2005	P	170.36	18.91		151.45		<0.50	<0.50	<0.50	<0.50	62		SEOM	7.6	
05/16/2005		170:36	17.34		153.02				<u>-</u>						
08/17/2005	 	170.36	21.31	——	149.05					 				-	
11/18/2005		170.36	21.67		148.69										
02/07/2006	P	170.36	16.74	***	153.62	100	<0.50	<0.50	1.0	3.0	29		SEQM	6.8	1221.1221.1221.1221.1221.1221.1221.122
5/19/2006		170/36	18.22		152,14										
8/23/2006		170.36	20.95	 409016355540349	149.41		-	eneranea.							uren komunen erren e
11/15/2006		170.36	22.76		148,15										

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	tions in (µ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-4 Cont.															
2/14/2007	P	170.36	18:25		152 11	350	<0.50	<0.50	\$0.50	#i ≪ 0250	61	0.95	TAMC	7.34	
5/22/2007	-	170.36	20.16		150.20	-	_				-		-	_	
MW-5										ļ					
7/9/1990		165.14				280	200	210	46	290					
12/21/1990		165.14				0.69	300	34	8.4	39					
3/7/1991		165.14	16.60		148.54		17	0.9	0.7	1.6					
4/1/1991		165.14 165,14	11.99	<u>-</u> #126065466655	153.15	800 330	250 120	54 	11 	60 8				***************************************	
6/27/1991 9/27/1991		165.14				0.73	230	16	14 20	22					
12/18/1991		165.14													
7/3/1992		165.14	18.65	 	146.49	150	36	<0.5	<0.5	1.1	vietekssasiduseksiainekssassasinan 			-	postorituiteituisiaustaintentitijanistiites
0/5/1992		165-14	2032		144.82	270	79		12	2.9					
1/13/1993		165.14	13.03	 	152.11 151.63	180	59	6	1.8 35	7.6 136			 	_ 	i Sasannasianismaanismaasianismasian
4/23/1993 7/12/1993		165 [4 165.14	13.51 18.06		147.08	8,700 250	440 57	96 2.9	2.1	6	<5.0				
10/21/1993		165.14	20.41		147.50	210	82		 	121114					
1/21/1994		165.14	18.86	<u></u>	146.28	110	36	1.2	<0.5	0.7	<5.0			-	i i
4/20/1994		165-14	1730		147.84	690	230	1145	1.6		2[2]	13			
8/1/1994		165.14	17.53		147.61	170	44	1.6	0.9	2.7	<5.0	0.9			i magamahahahamannya epaksisadik
12/23/1994		165.14	11.63		153.51	630	180 68	1.9 <0.5	0.66 <0.5	1,9 22	7.81	11.4 5.9			
1/26/1995 6/8/1995	 	165.14 165.14	11.25		153.89	160 	560		>0.5 55	170	-	و.د الما			
6/8/1995		165.14	16.80	######################################	148,34	2,000	630	58	61	180	-	6,5			
8/22/1995		165.14	19.02		146 12	3,700	1,100	18	27	59	≤130	73			
10/27/1995		165.14	20.94	-	144.20			-		-					
10/30/1995		165.14		= = :		6,500	2,200	55	180	270	≤250	7.5		-	
1/25/1996	 emenedes:	165.14	13.30	 	151.84	590	37	0.7	<0.50	<1.0	<5.0		inningsse		
1/25/1996 4/19/1996		165.14 165.14	13.63		151.51	540 1,500	37 470	0.66 38	<0.50 49	<1.0 210	<5.0 <50	8.1			
7/23/1996		165.14	1761		131.51	1,500	4.6	30 20 5	₹0.5	210 203	<10 ×10	8			

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level		****	Concentra	tions in (µ	g/L)	:				
Well and		Elevation	Water	Thickness	Elevation	GRO/			Etlıyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	МТВЕ	DO	Lab	pН	Comments
MW-5 Cont.															
11/11/11996		165.14	1870		146.44	140	40	₹i.0	\$10	<1.0	<10	7.9			
1/21/1997		165.14	11.63		153.51	730	300	<5.0	7.8	26	<50	5			and the state of t
4/29/1997		165.14	1674		148 40	340	530	₹5.0	(45,0	<5.0	<50	418			
8/21/1997		165.14	18.26		146.88	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9		-	
1 1/5/1997		165 14	18.84		14630	120	13	\$1.0	61.0	\$1.0 H	<10	4.4			
2/3/1998		165.14	9.49		155.65	<50	<0.50	<1.0	<1.0	<1.0	<10	4.3	The title the title		######################################
5/28/1998		165.14	13.57		151 57	4,900	1,500	34	180		*10;	4:1	Part Description		
12/30/1998		165.14	14.65	 	150.49		-					 Silvansiron	144916915919		
2/2/1999		165114	1256		152.58	100	######################################	\$1.0	<1.0	\$1.0	91				
5/10/1999 8/24/1999		165.14 165.14	13.36 13.50		151.78 151.64		Harris School	— 		- 	 				
11/3/1999		165.14	18.48		146.66										
3/1/2000		165 14	959		155.55	₹50	₹0.5	0.58	\$05	0.54	29				
4/21/2000		165.14	13.52		151.62	— —		 				-			ezernesesesen hyperikassesen espectes ikistri hestiteen fra
7/31/2000		165 14	14.04		151 10										
11/20/2000	-	165.14	15.89		149.25			**			***				
2/18/2001		165.14	11.88		158.26	560	161	2.38	6.11	13101	5.67		10 10 10 10 10 10 10 10 10 10 10 10 10 1		
6/7/2001		165.14	15.30		149.84		-	-							98452880443600088002840445045184544680445834458485848585858
9/5/2001		165.14	1932		145.82										
11/30/2001		165.14	17.44		147.70	-		 ()//(12/12/12/12/13/13/12							
2/20/2002		165.14	13.88		151/26	4,200	940	18.7	98.2	176	55.6 _				
6/20/2002 9/11/2002		165.14	16.20 19.15		148.94 145.99							 Infolution			
11/12/2002		165.14 165.14	19.01		146.13	390	55	0.89	3.4	3.5	210				
1/29/2003		165.14	16.33		148.81	7,900	1,400	0.05 34	220	350	82				n
5/22/2003		165.14	14.35		150.79	9,900	2,300	91	400	690	<50				185489301820118292578535785311859255785
7/28/2003		165.14	1890		146.24	3,200	690	14	81	100	120				in programme
11/18/2003		165.14		 			-			iiiniisiniiini 	- -		 		Well inaccessible e, q
02/23/2004	P	165.14	1221		152,93	7,500	1,500	100	190	350	100		SEQM	6.7	
05/04/2004	P	165.14	17.12		148.02	5,900	1,500	57	200	280	42		SEQM	6.6	THE THE PROPERTY OF THE PROPER
08/04/2004	P	165,14	19,05		146.09	<2,500	₹25	~25	25	1 1 2 5 1	390		SEQM	6.69	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	ıtions in (μ	.g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-5 Cont.															
11/10/2004	l II P	165 14	16.95		148.19	870	80	85,0	850	₹5.0	530		SEOM	7.5	
02/15/2005	P	165.14	12.75		152.39	1,600	330	8.0	37	67	260		SEQM	7.2	
05/16/2005	P	165.14	15/46		149 68	<500	55,0	5.0	F5.0	₹5.0	370		SEQM	6.7	
08/17/2005	P	165.14	17.00		148.14	7,000	1,000	17	110	130	51		SEQM	6.6	
11/18/2005	P	165.14	1833		146.81	1,900	91	<5.0	33	29	340		SEOM	7.3	
02/07/2006	P	165.14	10.27		154.87	2,100	590	9.6 9.7	86	110	200		SEQM	6.7	
5/19/2006	P P	165.14	13.08 17.02		152.06 148.12	3,200 1,400	720 69	<5.0	150 20	170 24	230		SEQM TAMC	6.8 7.11	
8/23/2006 11/15/2006	P P	165.14 165.14	17.02		146.12	1,400	24	\$2.5	10	8.6	230 490	0.85	TAME	6.82	
2/14/2007	P	165.14	13.16		151.98	680	110	<2.5	16	11	420	2.54	TAMC	7.24	
5/22/2007	P	165.14	15:42		149.72	2,800	660	8.8	74	100	26	1.41	ТАМС	7.03	
MW-6	11001101771017710017	***************************************			D1000000000000000000000000000000000000					20071 10071 1007					THE POST OF THE PARTY OF THE PA
7/9/1990		165.40													
12/21/1990		165.40			 	0.17	2.6	7	4.9	26					nzaelonopententibustanariaentei
3/7/11991		165,40													
4/1/1991		165.40	11.79		153.61	_	_	_							
6/27/1991		165,40													
9/27/1991	 	165.40	_ 			— Washininis	-					— Unionina	-		e Isvanianau unionistico di antici
12/18/1991 7/3/1992		165,40 165,40	17.77		147.63	<50	(1,3 <0.5	22 <0.5	<0.5	2.7 <0.5					
10/5/1992		165.40	19.46		147.03	<50	<0.5	<0.5	20.5	<0.5					
い時間が新聞師 1/13/1993		165.40	11.34		154.06			<0.5	<0.5	<0.5					nansoulinendennamenenden i
4/23/1993		165.40	12.92		152,48	\$50	₹0.5	<0.5	<0.5	<0.5					i i i i i i i i i i i i i i i i i i i
7/12/1993		165.40	17.36		148.04	<50	<0.5	<0.5	<0.5	0.7	<5.0	-			i
10/21/1993		165.40	19,98		145 42	₹50	<0.5	<0.5	≤0.5	₹0.5					
1/21/1994	_	165.40	18.10		147.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0		_		j runtenenamenamenamenamena
4/20/1994		165.40	18,68		146.72	450	**********	11k05	K0.5	K0.5	17.4	2			
8/1/1994	-	165.40	18.90		146.50	<50	 <0.5 	<0.5 	<0.5	<0.5	8.66	1.5 1.5		-	
1/2/23/1994		165.40	12,94 10,46		152.46 154.94	<50	<0.5	<0.5	<0.5	<i< td=""><td></td><td>7.3</td><td></td><td></td><td></td></i<>		7.3			
1/26/1995		165.40	10.40	i	+5.401	/ //0	1 70.3	1 70.3	1 70.3	`'	1 -	'	I ==	1	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

New Cont. Clear			тос	Depth to	Product	Water Level			Concentra	ıtions in (μ	g/L)					
MW-Cot. 66(1995) - 165.40	Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
68/1995	Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
165.40 19.48 - 165.92 <50 <0.50 <0.50 <0.50 <1.0 <50 6.7 -	MW-6 Cont.															
1027/1952	6/8/1995		165.40	16.84		14856										
1/25/1996	8/22/1995		165.40							<0.50						d
## ## ## ## ## ## ## ## ## ## ## ## ##	10/27/1995		165 40				Himitiliantiti		1475252425252624444444							
7/23/1996 165.40 17.83 147.57 - </td <td>1/25/1996</td> <td>romanuta deserviria</td> <td></td> <td></td> <td>**</td> <td></td> <td>1</td> <td></td> <td></td> <td><0.50</td> <td></td> <td></td> <td>THE STREET</td> <td>-</td> <td>ammatatin</td> <td></td>	1/25/1996	romanuta deserviria			**		1			<0.50			THE STREET	-	ammatatin	
11/11/1998																
1/21/1997	2-26 0 41 V 120 1 V 120 PT 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T		enamentopistopistopistopistopistopistopistopis													
\$\frac{4729}{997}				312231200000000000000000000000000000000			##\$PU									
R/2 11997	to describe the Residence of the Control of the Property of States of the Control					**********					**************		4.5		1	
11/5/1997		11,21111711111111111111													1214 (CE CE CE CE CE CE CE CE	
2/3/1998						146.23	70	<0.5	 	 - 	<ii0< td=""><td>85</td><td>4.3</td><td></td><td></td><td></td></ii0<>	85	4.3			
12/30/1998 - 165.40 14.45 - 150.95	2/3/1998	1112121121212121212121	165.40	9.87		155.53				<u> </u>					************	
2/2/1999 165.40 1829 147.111 <td>5/28/1998</td> <td></td> <td>165.40</td> <td>1338</td> <td></td> <td>152.02</td> <td>\$50</td> <td>₹0.5</td> <td>¥i.o.</td> <td><1.0</td> <td><1.0</td> <td>410</td> <td>3.7</td> <td></td> <td></td> <td></td>	5/28/1998		165.40	1338		152.02	\$50	₹0.5	¥i.o.	<1.0	<1.0	410	3.7			
5/10/1999 - 165.40 17.49 - 147.91 -		_						1	l				<u>i</u>			
8/24/1999						pananahumanan ka										
11/3/1999 165.40 16.26 149.14 <td< td=""><td>***************************************</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>l</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	***************************************								l							
3/1/2000 — 165:40 17.43 — 147.97 — <td></td> <td>Himbarine</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>I</td> <td>. Kennoni i Piene</td> <td></td>		Himbarine						1	1					I	. Kennoni i Piene	
4/21/2000 - 165.40 13.32 - 152.08 - <td>****************************</td> <td>HIJI HIJI KANDITTAN</td> <td>*****************</td> <td></td> <td>i</td> <td></td> <td></td>	****************************	HIJI HIJI KANDITTAN	*****************											i		
7/31/2000 — 165:40 13:46 — 151/94 —					_				1		CALLED HONSE CONTRACT AND TO			1		
11/20/2000 165.40 14.78 150.62 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Commence and the state of the s</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>						Commence and the state of the s										
6/7/2001 165.40 16.36 149.04		1	165.40	14.78	— —	150.62			***************************************		-		** BECAUSE 121 2 6 6 6 6 9 9		-	Intituation to the second seco
165:40	2/18/2001		165.40	11.33		154.07										
11/30/2001 165.40 15.20 150.20	6/7/2001	l .	165.40	l		149.04		1			1	-	_		1	
2/20/2002 - 165:40 12:74 - 152:66: 148.72	9/5/2001		165.40	18,61												
6/20/2002 — 165.40 16.68 — 148.72 —	11/30/2001		165.40	2107007777777777777777777777		THE COLUMN ASSESSMENT AS PAGE AND A PAGE AND						-				
								1. 1.0.0000 1.0.0000 1.0.00000	***************************************							
9/11/2002-11 - 10 to :40 18:58-11 - 11/02 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	NAME AND A STREET OF THE STREE		***************************************	 	 	******************************				 			- -		- Chesch Locales	
432311231212A32223111133(3)5999(6)4114160(1)43444111444411444114441144441444444444															122231102223	
11/12/2002 165.40 18.78 146.62	076090000000000000000000000000000000000		LANGUAGE PROPERTY CONTRACTOR CONT	**************************												

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

		тос	Depth to	Product	Water Level			Concentra	ntions in (µ	ıg/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-6 Cont.		-		National Property Control of the Con											
5/22/2003		165 40	14:36		151.04										
7/28/2003		165.40	18.43		146.97	-	-	 		 		_ <u>_</u>			p
11/18/2003 02/23/2004		165.40	17.48		147.92 153.86										
05/04/2004		165.40	16.58		148.82										
08/04/2004	-	165.40	18.12	-	147.28		-	-				-	-	***************************************	
11/10/2004		165.40	15.75		149.65										
02/15/2005	 	165.40	12.50	 	152.90			 		 SSISSITE OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY A	—				
05/16/2005 08/17/2005	P	165.40 165.40	11151 16.85		153,89 148.55	₹50 _		<0.50	<0.50	<0.50	<0.50		SEQM	7.0	
11/18/2005		165.40							 41156156					-	
02/07/2006	P	165.40	9.93	Giegaliumanudiyiddis 	155.47	<50	< 0.50	<0.50	<0.50	< 0.50	<0.50		SEQM	7.1	
5/19/2006		165.40													
8/23/2006	- Marine	165.40	16.35	 	149.05 147.98			 Escuesios (100 mili				— 1620/01/16200	-	 	
2/14/2007	P	165,40	12.03		153.37	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.07	TAMC	7.73	
5/22/2007		165.40	1511		150.29										
MW-7					100000000000000000000000000000000000000			007777.1.1.107.107.107.10				1011411411444111		12201212222	<u>istanti saanaa aanaa aa pantii kii kii kaansi mii</u>
7/9/1990		167.61													
12/21/1990		167.61	— 	 		— —	-						- -	-	
3/7/1991		167.61	19,04		148.57			0.4	0.3	2.4					
4/1/1991		167.61	15.18	 	152.43		 (1880) (1942) (1956)	 Honus 50:100	- 0.8	 ministerentari	 Markan de santantant	 :::::::::::::::::::::::::::::::::::	 unumumin	 	aaraanaaaaaaaaaa
6/27/1991 9/27/1991		167.61 167.61	-			70 	17 0.4	4		0.4					
12/18/1991	<u>.</u>	167.61					07	ا اوادا ال	0.8	33					
7/3/1992		167.61	20.28	- -	147.33	<50	<0.5	<0.5	<0.5	<0.5	 				avasuvattenunusustatsiätiöttetäväätä
10/5/1992		167.61	21/56		146.05	:: ≼50 ::	<0.5	ii<0.5	llikos	15					
1/13/1993 ***********************************	 36333444343	167.61	15.41	— 	152.20	<50	< 0.5	<0.5	<0.5	<0.5		 	 		i
4/23/1993 7/12/1993		167.61	15.84 19.84		151.77 147.77	<50 <50	<0.5 <0.5	<0.5	4 0.5 <0.5	<0.5 <0.5	<5.0				
1112/1333		107.01	13.04	-	17/.//	\~JU	~U.J	\~U.J	~∪.⊃	~0.5	\~2.U				I

		тос	Depth to	Product	Water Level			Concentra	ntions in (µ	ıg/L)	***				
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-7 Cont.													-		
10/21/1993		167.61	21.61		146.00	≰50	 ≪0.5	<0.5	0.5	₹05					
1/21/1994		167.61				<50	<0.5	<0.5	<0.5	<0.5				-	unitari di
1721/1994		167.61	20,49		147,12	₹50	<0.5	SÖ.S	<0.5	€0.5	\$5.0				
4/20/1994		167.61	20.54		147.07	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.5			######################################
8/1/1994		167.61	20.99		146.62	<50	0.7	<0.5	<0.5	<0.5	5. 0	وا			
12/23/1994	 Berry	167.61	15.00	-	152.61							-			
1/26/1995		167.61	14.69		152.92	<50	<0.5	F0 ,5	¥0.5			7			
6/8/1995 8/22/1995		167.61	19.87		147.74		 Haravaeunene	— 		 					24
10/27/1995		167.61 167.61	21.49 22.53		146.12	<50	<0.50	<0.50	<0.50	<1.0	\$5.0	6.4			
1/25/1996		167.61	22.53 17[2]		145.08 150.40	 \$50	- 	 5006202200	 Terencenter			 		 :::::::::::::::::::::::::::::::::::	Language de la servicio de la company de
4/19/1996		167,61	17.09		150.52		FU20	<0.50 -	<0.50	\$10 _	₹5:0				
7/23/1996		167.61	21.02		146.59							-			
11/11/1996		167.61	22.03		145.58	<50	<0.5	<1.0	<1.0	<1.0	11866€10 <10	7.8			
1/21/1997		167.61	1506		15255									J	
4/29/1997	-	167.61	20.11		147.50	<50	<0.5	<1.0	0.1>	<1.0	<10	4.4			
8/21/1997		167.61	2159		146.02										
11/5/1997		167.61	20.05		147.56	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4			
2/3/1998		167,61	9,97		157.64										
5/28/1998 12/30/1998		167.61	13.52		154.09	<50 mananananan	<0.5	<1.0	<1.0	<1.0	<10	4.3			
2/2/1999		167.61 167.61	18.33 12.33		149/28										
5/10/1999		167.61	12.55		155.28 154.09					 		 William (2) (1) (1)	 Manamana:		
8/24/1999		167.61	14.01		153.60										
11/3/1999		167.61	1991		147.70										
3/1/2000		167.61	19.89		147.72										
4/21/2000		167.61	17.94		149.67										
7/31/2000		167.61	17.33		150.28										
11/20/2000		167.61	1841		149.20										
2/18/2001		167.61	15.13		152.48	-									uzmannen ette ette ette ette ette ette ette
6/7/2001		167,61	18.75		148.86										

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	tions in (µ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)		***************************************	
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-7 Cont.															
9/5/2001		167,61	20,48		147.13										
11/30/2001		167.61	20.11	**************************************	147.50				 vertosumetera					 lessember	
2/20/2002		167.61	18.40		149.21										
6/20/2002	 Enteretiatum	167.61	18.62	 HELSKE DANSKARIJA	148.99	- Historia	 		 				 !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		
9/11/2002		167.61	20.05		147.56										
11/12/2002		167.61 167.61	21.13		146.48 148.51	IN INCOME AND A STATE OF THE ST									n
1/29/2003 5/22/2003		167.61	19.10 18.83		148.78										
7/28/2003		167.61	19.88		147.73										p
11/18/2003		167.61	20,50	-	147.11					-			-	-	<u> </u>
11/18/2003		168.08	20.50		147.58										
02/23/2004		168.08	15.92		152.16									*************	###A\$ \$5 \$5 \$5 \$5 \$4 \$4 \$5 \$4 \$4 \$4 \$2 \$2 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4
05/04/2004		168.08	18.86		149 22										
08/04/2004		168.08	19.10		148.98		_					_	-	mm.	***************************************
11/10/2004		168.08	20.25		147.83										
02/15/2005		168.08	16.37		151.71					-				-	reception of the second commence of the
05/16/2005		168.08													e iliji
08/17/2005	- 	168.08	19.74	 Energy or energy	148.34 47.26	 									
11/18/2005 02/07/2006	P	168.08 168.08	20,82 14,26		153.82	<500	<5.0	<5.0	<5.0	<5.0	270		SEQM	7.3	
5/19/2006	r	168.08	14.20		151.57										
8/23/2006		168.08	20.30		147.78					-					
11/15/2006		168,08	20.85		147.28									1 4	
2/14/2007	P	168.08	16.57		151.51	520	<5.0	<5.0	<5.0	<5.0	740	3.08	TAMC	7.30	V
5/22/2007		168.08	18.40		149.68										
MW-8		January Community													
3/7/[991		165.74	16,72		149,02	2.7	780	450	64	310				liu	
4/1/1991		165.74	12.54		153.20	15,000	3,600	2,600	410	1,900		-			a 3 5 b come to 4 a service de la que de la despensación de la company de la company de la company de la compa
6/27/1991		165.74				12,000	3,400	1,100	240	750					
9/27/1991	——————————————————————————————————————	165.74			-	41	5,700	5,200	1,100	4,300	-		-	-	

		тос	Depth to	Product	Water Level			Concentra	tions in (µ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-8 Cont.															
12/18/1991		165 74				3.2	990	150	120	250					
7/3/1992		165.74	18.78		146,96	72,000	19,000	32,000	3,000	15,000					
10/5/1992		165.74	20.48		145 26										
1/13/1993		165.74	12.87		152.87				 :::::::::::::::::::::::::::::::::::	 			 1995/89999999	 505152500	
4/23/1993		165.74	13.90		151.84										
7/12/1993	 San al san al san al s	165.74	18.30		147.44					-				-	
10/21/1993		165.74	21.91	0.12	142.88										
10/2/93-12/9/98 1/21/1994	-	165.74	19 12		146.62										
4/20/1994		165.74	19.28		146.46	26,000	1,700	4,100	960	4,000	632				######################################
8/1/1994		165.74													
12/23/1994		165.74	13.81	######################################	151.93										nassata nemakan in matan karan matan matan matan ma
1/26/11995		165:74		<u> </u>											
6/8/1995		165.74	17.82		147.92					-					THE PROPERTY OF THE PROPERTY O
8/22/1995		65.74	19,41		146.53										
10/27/1995	-	165.74	20.47	-	145.27										
1/25/1996		165:74	1335		152.39										
4/19/1996		165.74	14.40	-	151.34					-					
7/23/1996 11/11/1996		165.74 165.74	18.35 19.41		147.39 146.33										
17/11/1996		165.74	12.29		153.45										
4/29/1997		165,74					-		######################################	4999999999 	-			-	e
8/21/1997		165.74	1961	=	146.3	240,000	1,100	9,300	4,100	31,100	<1000	52			
11/5/1997		165.74	19.45		146.29	57,000	790	2,700	2,300	15,200	<1000	5			istantasittasututtataananaa
2/3/1998		165:74	933		156.41										
2/4/1998		165.74				94,000	570	1,500	2,100	15,200	<2500	5.5	TANGETH STATE OF THE PARTY NAMED IN		**************************************
5/28/1998		165.74													
12/30/1998	_	165.74	15.48		150.26	120,000	460	2,300	2,200	15,000	150		 :::::::::::::::::::::::::::::::::::	-	
2/2/1999		165.74	18.29		147,45	82,000	450	2,200	3,700	26,000	≤500				
5/10/1999	_ 	165.74	15.62		150.12	28,000	740	1,800	1,100	5,800	<25				
8/24/1999		165.74	1841		147.33	75,000	530	1,400	3,300	21,000	150				

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	tions in (µ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	МТВЕ	DO	Lab	pН	Comments
MW-8 Cont.															
1173/1999		165.74	18/71		147.03	70,000	600	1300	3,600	20,500	750				
3/1/2000		165.74	19.37		146,37	27,000	1,600	1,200	2,600	6,600	120			**************************************	THE CONTRACTOR OF THE PROPERTY
4/21/2000		165.74													in the second second
7/31/2000		165.74						-							
11/20/2000		165.74	17.42		148:32	1,300,000	1,400	1,700	20,000	16,000	5,700				
2/18/2001	egos vyotetak i filesóvádás	165.74			 					-		<u></u>			e memoralaningan naguran musumana
6/7/2001		165 74													
9/5/2001		165.74	21.45	0.04	144.25			— Immeriani ediali	— Matempolismės				 		j
1/30/2001		165.74	183		147.43										
12/6/2001	-	165.74		- 1525 <u>-</u>	 151,72	20,000	i 63	- 114	403	 3.810	80.4				e
2/20/2002 6/20/2002		165,74 165,74	14.02 17.56		148.18	28,000	466	141	962	5,850	2,520				
9/11/2002		165.74	19.45		146.18	190,000	1500	670	4,500	23,000	2,520 [[][][][][][][][][][][][][][][][][][][
11/12/2002		165.74	19.15		146.59	420	6.4	2.9	16	110	31				
1/29/2003		165.74	15 02		150.72	200,000	810	## \$500 ##	2,000	11000	500				
5/22/2003		165.74	15.07	######################################	150.67			18111111111111111111111111111111111111	 				orens blackers keep open		ti in
6/24/2003		16574	17.95		147/79	43,000	860	300	4100	9,600	46			istiäl	
7/28/2003		165.74	19.45		146.29	62,000	690	230	1,800	15,000	2,100	_			
8/12/2003		165,74	1940	₹0.01	146.34										př
9/12/2003	**	165.74	19.34		146.40				***	-	-	-	-	-	0
10/3/2003		165.74		<0.01											
11/18/2003	P	165.74	18.80	<0.01	146.94	8,800	500	37	530	930	1,700		SEQM		o,p
12/31/2003		165.74		<0.01											
2/2/2004		165.74		<0.01											
02/23/2004	P	165.74	12.82	<0.01	152.92	32,000	840	360	1,000	7,100	110		SEQM	6.6	
3/18/2004		165.74		< 0.01					-			 :::::::::::::::::::::::::::::::::::	 Haranganana	 Tiringshari	
4/13/2004		165.74		<0.01											
05/04/2004	P International	165.74	18.87	<0.01	146.87	42,000	570	230	1,700	8,400	2,000		SEQM	7.0	t Hadriston entstatut en en e
6/2/2004		165.74	10.27	×0.01	146 41										
08/04/2004		165.74	19.37	0.05	146.41		 [03]2364	_							
09/22/2004	NP	165.74	19.60		146.14										

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses Station #11132, 3201 35th Ave, Oakland, CA

		TOG	Dth to	Product	Water Level			Concentra	tions in (u	g/L)					
Well and		TOC Elevation	Depth to Water	Thickness	Elevation	GRO/	,,,,,,		Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-8 Cont.					***************************************										
11/10/2004	P	165.74	16.58		149.16	11,000	790	61	1,000	830	74		SEQM	7.3	
02/15/2005	P	165.74	12.85	 	152.89	38,000	1,300	390	2,300	7,900	<50		SEOM	7.2	niani kanakari inga kanakari k
05/16/2005	P	T65.74	12:22		153.52	31,000	1,000	360	2,500	7,500	≤50		SEQM	6.5	
08/17/2005	P	165.74	17.80		147.94	60,000	540	240	2,500	8,600	<50	 enemated	SEQM	6.7	
11/18/2005	P	165.74	21.02	7.0	144,72	33,000	340	j20	1,400	4,900	140		SEQM SEQM	6.9 6.6	
02/07/2006	P	165.74	10.73		155.01	5,700 40,000	94 1,100	27 320	260 2,900	820 6,000	7.5 ∭∰≰25∭∰		SEOM	6.6	
5/19/2006	P	65.74	13.89		151 85 146.89	21,000	520	150	1,800	6,300	82		TAMC	7.35	
8/23/2006	P R	165.74 165.74	18.85 18.75		146.99	3,300	81	25	130	430	110	0.81	TAME	6.91	
11/15/2006 2/14/2007	P	165.74	13.45	SHEEN	152.29	9,300	320	<25	360	710	82	1.89	TAMC	7.13	t
5/22/2007	P	165.74	15.92	SHEEN	149.82	17,000	370	51	760	1,600	11	1,05	TAMC	6.99	t i
MW-9	125112111111111111111111111111111111111	Halificano en carta-felfono cara	A CONTRACTOR OF THE PARTY OF TH	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
3/7/1991		166,20	16.79		149.41	7.1	220	4	2.4	2,400					
4/1/1991		166.20	12.89		153.31	12,000	2,000	2,600	360	1,600				-	2 11/2 71133 MAGAMAGAMAGAMAGAMAGAMAGAMAGAMAGAMAGAMAG
6/27/1991		166.20		-		3,600	520	400	85	310					
9/27/1991		166.20		-		3.2	720	150	50	180	 	 Hamminger	 		
12/18/1951		166.20							103	5.8					
7/3/1992		166.20	18.89	 	147.31	5,700	17,000 440	840 17	230 副御棚	800 100					
10/5/1992		166/20	20.52		145.68 —	1,400 11,000	1,200	1,600	330	1,300					
1/13/1993 1/13/1993	-	166.20 166.20				11,000	1,200	1,700	340	1,400					in the second second
4/23/1993		166.20	14.08		152.12	24,000	2,800	4,500	730	3,400					i marangananananananananananananananananana
7/12/1993		166.20	18.44		147.76	13,000	1,400	1,100	360	1,400	20,8				
(#####################################		166.20				10,000	1,200	900	310	1,200					C
10/21/1993		166 20	21.81		143.50										
11/2/93-4/29/97		166.20		0.10		···			_	-					
1/21/1994		166 20	19.28		146.92			6 800	1 300		768	1.7			
4/20/1994		166.20	19.72		146.48	43,000 45,000	2,800 2,700	6,800 6,800	1,300 1,200	7,900 8,200	740				64 mg
4/20/1994		antinatum en mantantantan	20,18		146.02	43,000		— —							ii pendeensessii uuduminii elemanii elemanii elemanii elemanii elemanii elemanii elemanii elemanii elemanii elem Tarahaan elemanii elemani
8/1/1994	-	166.20	20.18		170.02		1	I	I	I	1	1	1	I	•

€		тос	Depth to	Product	Water Level			Concentra	ntions in (μ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/	I	ĺ	Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	ТРНд	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-9 Cont.				11-11-11-11-11-11-11-11-11-11-11-11-11-											
12/23/1994		166.20	14:22		151.98										
1/26/1995		166.20	11.85		154.35		-	-		-		-		Grein-Hentist 	
6/8/1995		166,20	1833		147.87										
8/22/1995	 Hanearshere	166.20	19.95		146.25										
10/27/1995		166 20	20.88		145,32										
1/25/1996 4/19/1996		166.20 166.20	13.84		152.36	 	-	 	 	ANGEL LANGUAGE CONTROL OF THE PARTY OF THE P		 Transponsi	 :::::::::::::::::::::::::::::::::::	 :::::::::::::::::::::::::::::::::::	
7/23/1996		166.20	18.84		147.36										e e
1/11/1996		166.20			146 29										
1/21/1997		166.20	12.93		1.53.27		-		Badanasku: 						
4/29/1997		166.20	18.03	0.1	148.17										
4/30/1997		166.20				78,000	1,900	3,600	3,100	20,600	<5000	5.5		iriikinniachl.	ammoning and a second second
8/21/1997		166.20	19.56		146.64	110,000	2,100	3,400	2,300	18,800	≓ ≤ 500	51			
11/5/1997	<u>-</u>	166,20	20.59	0.01	145.60	59,000	1,400	1,700	2,200	17,000	<500	4.5	***************************************		
7/3/1998		16620	10.56		155 64	55,000	490	1,200	1,400	10,200	<1000	49		1	
5/28/1998 5/28/1998		166.20 166.20	 142		 151 90	53,000	290 250	830	1,400	10,500	<500		 docknosianie	— 119119-11911	C Tentralisaina parametero meneranya (se
12/30/1998		166.20	15.61		150.59	41,000 83,000	860	1,200 1,300	2,400	11,400 21,000	<250 180	3.8			
2/2/1999		166.20	1233		153.87	75,000	530	960	1,900	17,000	<50				
5/10/1999	 	166.20	15.67	 	150.53	22,000	600	1,500	1,100	4,400	72				
8/24/1999		166.20	1910		147.10	85,000	850	1,300	1,700	20,000	<250				
11/3/1999		166.20	19.58	 minariatanimas-	146.62	72,000	700	780	1,900	19,000	<5.0				
3/1/2000		166.20	13.19		153 (01	34,000	78	490	ilijioo ii	8,200	63				
4/21/2000		166.20	14.29		151.91	55,000	260	920	1,500	16,000	<5.0		 :::::::::::::::::::::::::::::::::::	nfinistration :	namahandaannahanassa (sansusias)
7/31/2000		166.20	15.01		151.19	1,200,000	1,500	6,300	15,000	120,000	1,600				
11/20/2000	 Timerini	166.20	18.23		147.97	320,000	3,500	19,000	5,000	40,000	3,900				PERFECTIVE LIVER LIVER LIVER LAND AND ADDRESS OF THE PERFECT
2/18/2001	•	166.20	13.14		153.06	32,000-	290	417	1,180	10,400	121				
6/7/2001		166.20	17.41		148.79	96,000	421	704	2,330	17,300	223	—			
9/5/2001 11/30/2001		166.20	20.56 17.42		145.64	39,000 60,000	445	323 506	1,240	8.940	310				
2/20/2002		166.20	17.42		148.78 152.33	60,000 14,000	310 64	586 122	1,890 897	14,200	285	 THITCH		 HEKWII	
			12.0			17,000		144		2,650	293,				

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	itions in (μ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/		i	Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-9 Cont.															
6/20/2002		166.20	18.22		147.98	29,000	307	168	1,100	5,670	208				
9/11/2002		166.20	20.27		145.93	230,000	1,400	680	3,600	23,000	<2500				
11/12/2002		166.20	19.40		146.80	840	5.8	3.6	28	160	21				
1/29/2003		166.20	14.30	0.1	151.80	******************					**************************************	 	— —		j,n Pagalanananananananananananananananananan
5/22/2003		.166.20	I5:16		151.04	23,000	260	₹50	1,000	2,900	50				1
6/24/2003		166.20									-	 Herricher			C
7/28/2003		166,20	1955	<0.01	146,65	14500,000	<500	₹500	9,800	79,000	<500				
8/12/2003		166.20	19.60	<0.01	146.60				— 	— .	-	 musikanist	 	 HIGHERINGS	o,t
9/12/2003		166:20	19:60	<0.01	146:60										
11/18/2003	P	166.20	18.98	<0.01	147.22	19,000	250	18	690	2,400	45	 	SEQM	6.8	0,p
12/31/2003		166:20		*************************************											
2/2/2004		166.20 166.20	- 1391	<0.01 <0.01	 152.29	91.000	_ ≪250	440	2,200	13,000	 ≪250	-	SEOM	6.8	
02/23/2004 3/18/2004	P	166.20		<0.01											
4/13/2004		166:20		<0.01											
05/04/2004	P	166,20	18.11	<0.01	148.09	39,000	230	44	1,100	4,200	<25		SEQM	6.9	
6/2/2004		166.20		<0.01											
08/04/2004		166.20	18.90	0.03	147.32										
09/22/2004	NP	166:20	19.69		14651										
11/10/2004	NP	166.20	16.95	— —	149.25	31,000	300	<50	1,100	3,800	<50	 	SEQM	7.3	t t
02/15/2005	Pill	166.20	1295		153.25	19,000	200	50	720	2,000	30		SEQM	7.3	
05/16/2005	P	166.20	12.53		153.67	17,000	99	15	770	2,500	<10		SEQM	6.7	10220291214524A251TH1140LH1144A22531CSB1CFLCS
08/17/2005	P	166,20	18,03		148.17	28,000	160	26	1,000	2,700	<12		SEQM	6.8	
11/18/2005	P	166.20	19.04	<u>ul</u>	147.16	12,000	98	<5.0	410	510	19		SEQM	7.1	den grant fact by Crimb artistants and density of the Ball of the
02/07/2006	P	166.20	10.95	SHEEN	155.25	18,000	110	8.7	770	1500	≤5.0		SEQM	6.9	
5/19/2006		166,20	 				_	-		-			-		e
8/23/2006	P	166.20	1891		147.29	28,000	84	₹50	1,600	6,200	<50		TAMC	7:3	
11/15/2006	P	166.20	18.60	-	147.60	8,200	44	<25	190	370	26	0.92	TAMC	6.88	THE LICENST CONTROL OF A CONTROL THE PROPERTY AND ADMINISTRATION ASSESSMENT OF THE PROPERTY ASSESSMENT ASSESSMENT OF THE PROPERTY ASSESSMENT
2/14/2007	P	166.20	13.30		152.90	20,000	64	<25	720	2,000	<25	0.87	TAMC	7.17	
5/22/2007	P	166.20	16.14	SHEEN	150.06	16,000	80	<25	460	1,200	<25	0.81	TAMC	7.08	t

		тос	Depth to	Product	Water Level			Concentra	tions In (µ	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Товисле	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-10															
3/7/1991		167.01	18:09	 -	148.92	116	120	190	92	230					
4/1/1991		167.01	13.92		153.09										
6/27/1991		167.01				12,000	7,300	500	150	300					
9/27/1991		167.01				57	12,000	7,200	1,400	4,600					
12/18/1991		167.01				5.3	2,500	120	36	79					
7/3/1992		167.01	19.92		147.09	8,600 	5,100	1,300	180	690		-			
10/5/1992		167.01	21/92		145.09										
1/13/1993		167.01 167.01	14.43 15.26		152.58 151.75						-				
4/23/1993 7/12/1993		167.01	19.78		147.23										
10/21/1993		167.01	22.90		14711										
1/21/1994		167.01	20.25		146.76				 	 					
4/20/1994		167.01	20.74		146 27	100,000	12,000	24,000	2,400	14,000	1,577				i di
8/1/1994		167.01	22.00	<u> </u>	145.01										472437487 (\$2042 65048 65248 7524 7544 7550 6550 654 754 754 754
12/23/1094		167.01	1608		150.93										
1/26/1995		167.01	13.68		153.33	_									TENNIANN NACHTORY POUNT INNIAN NEW YND YN BORY YN ANGHUST LYSAF
6/8/1995		167,01	908		147 93										
8/22/1995	···	167.01	20.73		146.28						-			 HERICOHO:	
10/27/1995		167.01	21,69		145.32										
1/25/1996		167.01	15.05		151.96					 		-		 <u></u>	
4/19/1996 7/23/1996		167.01 167.01	1626 20.18		150.75 146.83										
9/4/1996		167.01	20.16	 0/76	140.63										
11/11/1996		167.01	21.20		145.81			######################################							
1/21/1997		167.01	13.66		155 35										
4/29/1997		167.01	18.71		148.30		 						 		
4/30/1997		167.01				170,000	9,700	38,000	4,700	30,500	≤5000	5.6			
8/21/1997		167.01	20.19		146.82	170,000	9,500	35,000	4,300	27,100	<5000	5.3		Indialy, washing to	# CTPOCKTTV PATTO 19740 1 1044 9 / A t () (104 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1/5/1997		167.01	20,52		146.49	80,000	3,800	12,000	2,700	15,700	≤500	44			
12/2/1997		167.01	**************************************	0.03								_			CASETANGES CONTACTOR SERVICE CONTACTOR CONTACT
2/3/1998		167.01	10.62		156,39		l de la								

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		тос	Depth to	Product	Water Level			Concentra	itions in (u	g/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/		- Concentra	Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(fect)	(feet msl)	ТРНд	Benzenc	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-10 Cent.				······································											
2/4/1998		167.01				72,000	500	1,300	1700	12,000	1000 ≥	511			
5/28/1998		167.01	15.46	 	151.55	220,000	3,200	24,000	5,200	43,000	<1000	4.8			10000000000000000000000000000000000000
12/30/1998		167:01	16.65		15036	110,000	3,500 -	14,000	5,800	50,000	≤50				
2/2/1999		167.01	14.58		152.43	74,000	1,000	2,800	1,000	26,000	860				THE A PERSON NAMED REPORT NAMED AND ASSOCIATED AND ASSOCIATED AND ASSOCIATED
5/10/1999		167.01	15.72		151.29	81,000	2,800	2,800	3,000	17,000	220				
8/24/1999	**	167.01	19.85		147.16	54,000	3,500	3,800	1,500	9,100	<250				ZIMCMANHANANIANANIANANANANANIANANANA
11/3/1999		167.01	20.00		FA7.01	30,000	3,000	3,500	14200	5,000	31				
3/1/2000		167.01	14.62		152.39	62,000	320	1,200	1,100	26,000	4,400	 Elitietailia			
4/21/2000		167.01	1546		15155	88,000	2,700	7,400 	3,700	35,000	2,400				e
7/31/2000 11/20/2000		167.01 167.01	- 18.74		 148/27	78,000	3.800	 5,500	2.800	13.000					
2/18/2001		167.01	14.10		152.91	39,000	1,050	1,160	1,550	14,700	4,180				
6/7/2001		167.01	18.78		148.23	76,000	2,460	2.840	3,330	20,700	635				
9/5/2001		167.01	21.40	0.01	145.60	25,000	2,510	2,070	I,090	4,540	189			Haiciskin. 	
11/30/2001		167.01	1850		148 51	100,000	2,480	5,720	3,890	22,800	325				
2/20/2002		167.01	14.39		152,62	49,000	2,170	3,070	1,960	12,300	1,090			-	Beard and one design and angel as person and real and a 12 to 19 one design and and are a
6/20/2002		167.01	18.80		148.21	44,000	2,040	3,050	1,690	8,430	224				
9/11/2002	_	167.01	20.52		146.49	28,000	1,200	2,700	1,400	6,800	<250				
11/12/2002		167.01	2037	0.07	146.57										
1/29/2003	<u></u>	167.01	16.33	0.03	150.65			-							j,n
5/22/2003	1	167.01	1632		150.69	13,000	2.100 	850	630 	1,600	300				0
6/24/2003 7/28/2003	 	167.01 167.01	18.73 2039	0.04	148.24 146.58										
8/12/2003		167.01	20.43	<0.01	146.58										
9/12/2003		167.01	20.41		146 60										6
10/3/2003	1994HE	167.01	10000000000000000000000000000000000000	<0.01				 							a and the little control of the lates of the
11/18/2003	P	167.01	19.55	≤0.01	147,46	9,900	2,200	530	320	860	<50		SEQM	6.8	O,p
12/31/2003	-	167.01		10.0>			-								**************************************
2/2/2004		167.01		<0.01											
02/23/2004	P	167.01	15.45	<0.01	151.56	46,000	1,900	2,000	1,800	9,000	180		SEQM	6.7	***************************************
3/18/2004		167.01		≥0.01											

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

		тос	Depth to	Product	Water Level			Concentra	itions in (μ	g/L)					
Well and	٠	Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
MW-10 Cont.															
4/13/2004		167.01		30.01											
05/04/2004	P	167.01	18.81	<0.01	148.20	35,000	3,100	3,600	1,400	5,600	<25		SEQM	7.1	t.
6/2/2004		167.01	4	₹0,01											
7/2/2004		167.01		<0.01			_ 	 nautmontmit	 :::::::::::::::::::::::::::::::::::		— Назначения				esperantes de la company d
08/04/2004		167.01	18.90		148.11									nituristis.	
09/22/2004	NP	167.01	20.60		146.41	9,800	- 470	_ 	 450	 	_ 		- SEOM	73	
11/10/2004	P	167.01	17.95 12.21		149.06 154.80	7,800				-					
01/13/2005 02/15/2005	 	167.01	12.21		152.82	30,000	510	330	1,800	7200	77		SEOM	7.2	
05/16/2005	P	167.01	13.85		153.16	37,000	540	730	2,100	9,200	<50		SEQM	6.7	
08/17/2005	· ·	£167.01			148.00	15,000	1,100	420	1,200	4,100	 		SEQM	6.7	
11/18/2005	P	167.01	19.95	######################################	147.06	12,000	1,200	240	550	1,300	16		SEQM	6.8	piktineikinektentättieinittientätetajainis
02/07/2006	P	<u> 167.01</u>	12:28	SHEEN	154,73	22,000	340	580	1,300	4,500	73		SEQM	6.8	
5/19/2006	P	167.01	15.12		151.89	40,000	690	430	2,600	4,900	<25		SEQM	6.9	t
8/23/2006	P	167.01	20.00		147.01	13,000	1,500	540	1,200	3,000	≤10		TAMC	6.97	
11/15/2006	Р	167.01	19.84		147.17	3,800	700	22	67	160	54	0.65	TAMC	6.78	
2/14/2007	P	167.01	1494	SHEEN	152.07	37,000	350	120	2400	8,100	120	212	TAMC	7.05	
5/22/2007	P	167.01	17.17	SHEEN	149.84	13,000	810	130	750	2,200	15	0.06	TAMC	7.10	t
QC-2															
10/5/1992		168.01				<50.	<0.5	<0.5	<0.5	<0.5					
1/13/1993		168.01	**			<50	<0.5	<0.5	<0.5	<0.5	-				f,i
4/23/1993		168.01				₹50	<0.5	K 0.5	405	<0.5					fi i
7/12/1993		168.01	-	 	-	<50	<0.5	<0.5	<0.5	<0.5	 I zavastnom satistich			 Lungkanni	f Immanantaranananananananan
10/21/1993		168.01				<50	<0.5	≮0.5 2.1	<0.5 <0.5	<0.5 2.1					f
1/21/1994		168.01				<50 	<0.3	2.1 \$0.5	<0.3 	2.1 		- 1417201111			i Time in the state of
4/20/1994 12/23/1994		168.01 168.01				<50	<0.5	<0.5	<0.5	<0.5					f
1/26/1995		168.01				30 850	0.5	<0.5 50.5	 						
6/8/1995		168.01				<50	<0.50	<0.50	<0.50	<1.0					ring the second of the second
8/22/1995		168.01				≤50	<0.50	 ≤0≤0	<0.50	<1.0	≤5.0				d,F

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		TOC	Depth to	Product	Water Level Concentrations in (µg/L)										
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total	1	(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
QC-2 Cont.										:					
10/30/1995		108801			1	₹50	.: <0.50	₹0.50	<0.50	1.0	45:0				f
1/25/1996		168.01				<50	<0.50	<0.50	<0.50	<1.0	<5.0				<u>[</u>
4/19/1996		168.01				450	₩<0,5	<1	1>		≤10				
RW-1	•														
7/9/1990		168.01													
12/21/1990		168.01					-					 (11.020111111111111	 Herenden in Herden		
3/7/1991 4/1/1991		168.01 168.01	17.62 14.40		150,39 153.61										
6/27/1991		168.01	14.40 THE E												
9/27/1991	::::::::::::::::::::::::::::::::::::::	168.01	74454671404167171716717187 	Eliministraturisten 								######################################			
12/18/1991		168.01													
7/3/1992		168.01	20.66		147.35	***************************************	W-141471217121712171217121		-		-		-		***************************************
10/5/1992		168.01	23 34		144.67										
1/13/1993 4/23/1993	 1111 - -	168.01 168.01	16.59 1617	-	151.42 151.84		 	 							
7/12/1993	######################################	168.01	20.18	-	147.83							- -		-	
10/21/1993		168.01	2570		17231										
1/21/1994	***	168.01	21.24		146.77						***				
4/20/1994		168.01	92.20		135.81										
8/1/1994 12/23/1994	 6000 <u>0</u> 000	168.01	21.70 16.02	-	146.31	29,000 1,300	580 25	950 8.6	300 114	7,800 69	1,200 616	1.1 1.8			d Hannasani kanangan
1/26/1995		168.01			151 99 		<0.5	<0.5	<0.5						c
1/26/1995		168.01	13.78		154 23	450	40 /5	⊀0.5	<0.5						
6/8/1995		168.01	20.05		147.96	1,300	130	<1.0	<1.0	36					
8/22/1995		168.01				2,800	210	9.3	4.3	250	25				
8/22/1995		168.01	21.74		146.27	3,300	230	13	4.9	280	<25	6.6			d
10/27/1995		168.01	32(00)		136.01	230	1.4	<1.0	<1.0	<2.0	650	6.9			
10/30/1995		168.01 168.01	-			230 240	1.4	<1.0 <1.0	<1.0 <1.0	<2.0 <2.0	630	0.9			
1/25/1996		168.01	15.41		152.60	15,000	3,400	930	330	2,500	5,300	961444444 			

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

		TOC	Depth to	Product	Water Level	Concentrations in (µg/L)									
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
RW-1 Cont.							- Proposition of the Proposition								
4/19/1996		168.01				33,000	5,600	3,200	1,700	≣ 8 , 800 ⊞	15,000				i i i di con
4/19/1996		168.01	16.83	ing in the indicate of the first of the second of the seco	151.18	35,000	5,500	3,300	1,700	9,400	14,000	7.6			
7/23/1996		168.01			1	47,000	3,700	2,500	930	5,300	35,000				
7/23/1996		168.01	20.76		147.25	46,000	3,600	2,300	900	5,100	36,000	7.4			
11/11/1996		168.01	21 73		14628	34,000	3,000	1,200	880	4,600	22,000	8.3			
11/11/1996	 mmoossaa	168.01	 managangan			31,000	2,900	1,000	860	4,600	22,000				C
1/21/1997		168.01	14,20		153.81	260	40	16	27	34	1,500	6.1			
1/21/1997		168.01	 1915			270	42	17 ::::::::::::::::::::::::::::::::::::	2.7	36	1,500		 Shannana		C LEGERATE AND
4/29/1997		168.01			148.86	32,000	3,100	590	1300	6,000	46,000	53			
8/21/1997 11/5/1997		168.01 168.01	20.67 2101		147.34 147.00	7,600 39,000	730 2,300	58 86	370 1.300	1,780 3.840	9,500	4.7 4.5	— Husumana		
2/3/1998		168.01	10.68		157.33	3,400	31	11	29	161	56,000 3,200	5.1			
5/28/1998		168.01	10.00		152.46	2,000	90		60	305	3,200 2,700	43			
12/30/1998		168.01	17.35		150.66										
2/2/1999		168.01	14.58		155,43	82,000	2,300	i i i i i i i i i i i i i i i i i i i	2,000	3,200	51000/78000				g lilling
5/10/1999		168.01	16.00		152.01	15,000	620	88	340	660	61,000			-	
8/24/1999		168:01	20,00		148.01	52,000	1,400	170	2,200	2,900	37,000				
11/3/1999		168.01	20.39		147.62	17,000	2,500	86	1,500	970	54,000				hare to the control of the state of the stat
3/1/2000		168.01	12.97		155.04	17,000	580	78	790	1,100	13,000				
4/21/2000	### 277 FORM COLUMNIST	168.01	16.02		151.99	31,000	2,100	100	1,400	1,100	39,000	_			
7/31/2000		168.01	21.89		146.12	47,000	1,300	170	2,700	2,300	30,000				
11/20/2000		168.01	19.15	 Iostobertskopeniski	148.86				— —		 utenumanananan				h
2/18/2001		168.01	1535		152 66	14,000	589	89	600	712	13,000				
6/7/2001	 Historia	168.01	19.09		148.92	28,000	1,140	68.2	504	530	19,100	-			
9/5/2001		168.01 168.01	22.06	0.02	145 93	20.000	105		IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						
11/30/2001 2/20/2002	 110241101	168.01	19.53 15.99		148.48 152.02	20,000 13,000	405 469	39.4 29	545 434	740 655	8,260	– Tallinalla			
6/20/2002 6/20/2002		168.01	19.31		148.70	-	409 	-			7,240				j,1
9/11/2002		168.01	21,07	0:03	146.91				-						،,ر غالقال القال ا
11/12/2002		168.01	20.92	0.02	147.07									<u></u>	
1/29/2003		168.01	1631	0:04	151.66										j,n

		тос	Depth to	Product	Water Level			Concentra	ations in (µ	ıg/L)					
Well and		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	DO	Lab	pН	Comments
RW-1 Cont.															
5/22/2003		168.01	16.68		151,53										
6/24/2003		168.01	19.76	0.07	148.18				-			-	-		
7/28/2003		168.01	21.04	0.04	146.93										j
8/12/2003	— 	168.01	21.41	<0.01	146.60						-				o,t
9/12/2003 10/3/2003		168.01 168.01	2110	0.07 0.03	146.84										0
11/18/2003	P	168:01	20.10	0.05 	 47.61	 1121000		- 	 	_ 250			 		
12/31/2003	<u></u>	168.01		<0.01							6;100 		SEQM -	6.6 	P. C.
02/2372004		168:01	14:35	0.01	153.67										
3/18/2004	 62124902703332775201	168.01		0.09	-										
4/13/2004		168.01		0.02											
05/04/2004 6/2/2004		168.01 168.01	19.58	0.02 0.05	148.45							 Ettaunae	<u> </u>		ernnigger and de sterre de la company de
7/2/2004	40000000000 	168.01	-	0.11			-								
08/04/2004		168.01	22.05	0.05	146.00										
09/22/2004	NP	168.01	21.28	0.06	146.78									maniscii): 	
10/26/2004		168,01		0.01											
11/10/2004	 10053512551	168.01	18.56	0.02	149.47	 Managazi		 Kananina	 !!!!::::::::::::::::::::::::::::::::	03311110101010101010101111111			-		
01/13/2005		168.01 168.01	12.51	0.03	155.51										
02/15/2005		168.01	15.24	0.03	152.79										
03/07/2005		168.01	11.90	0.02	156.13		-			41141414141414141 -			-	-	
4/29/2005		168.01		0:03											
05/16/2005		168.01	14.39	0.02	153.64			, —		_					j
6/21/2005 7/7/2005		168.01 168.01		0.03											
08/17/2005		168.01	1991	0.03	148.12				 11 1 11 11 11 11 11 11 11 11 11 11 11			-	-		
9/6/2005		168.01		0.03			-		-	-					
(0/4/2005		168.01		0.07											
11/18/2005		168.01	20.36	0.07	147.71										b, j
12/30/2005		16801		0.04											

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11132, 3201 35th Ave, Oakland, CA

					Station #1	1100,000		,	•						
		тос	Depth to	Product	Product Water Level Concentrations in (µg/L)										
***		Elevation	Water	Thickness	Elevation	GRO/			Ethyl-	Total		(mg/L)			
Well and					(feet msl)	TPHg	Benzene	Toluene	Benzenc	Xylenes	MTBE	DO	Lab	pН	Comments
Sample Date	P/NP	(feet msl)	(feet bgs)	(feet)	(lect mar)	*****	Benzenz								
DVV 1 C4												Ī			
RW-1 Cont.		ļ				I Province Court				ananneet					
1/24/2006		168.01		0.01											
		ACATE IN THE PARTY OF THE PARTY		The state of the s	155.15		TERCOPERSON NAMES OF STREET					_			j
02/07/2006		168.01	12.87	0.01					onassusees						
3/30/2006		168.01		0.02											
		\$21211.4111720000000000000000000000000000000000		0.04	152.17					_				-	b
5/19/2006	-	168.01	15.87				: 05194945###5210175								
8/23/2006		168.01	20.50	0.07	147.56										bj j
			70.57	0.07	147.54								-		b, j
11/15/2006		168.01	20.52		Construction and the Construction of the Const	E PROTECTION CONTRACTOR									6 5
2/14/2007		168.01	15.44	0.04	152,60										
-41-17-1-41-14-1-1-1-1-1-1-1-1-1-1-1-1-1			1770	SHEEN	150.23						-			-	j, l
5/22/2007		168.01	17.78	SHEER	150,25	<u> </u>	!	ļ	<u> </u>	ــــــــــــــــــــــــــــــــــــــ		1	1	'	1

SYMBOLS AND ABBREVIATIONS:

- -- = Not analyzed/applicable/measured/available
- < = Not detected at or above specified laboratory reporting limit

DO = Dissolved oxygen

DTW = Depth to water in ft bgs

ft bgs = Feet below ground surface

ft MSL = Feet above mean sea level

GRO = Gasoline range organics

GWE = Groundwater elevation measured in ft MSL

mg/L = Milligrams per liter

MTBE = Methyl tert-butyl ether

NP = Well not purged prior to sampling

P = Well purged prior to sampling

TOC = Top of casing measured in ft MSL

TPH-g = Total petroleum hydrocarbons as gasoline

μg/L = Micrograms per liter

SEQ/SEQM= Sequoia Analytical/Sequoia Analytical Morgan Hill (Laboratories)

SPH = Separate phase hydrocarbons

FOOTNOTES:

- a = Casing elevations surveyed to the nearest 0.01 ft MSL.
- b = GWE adjusted assuming a specific gravity of 0.75 for free product (FP).
- c = Blind duplicate.
- d = A copy of the documentation for this data is included in Appendix C of Alisto report 10-024-10-001.
- e = Well inaccessible.
- f = Travel blank.
- g = EPA Methods 8020/8260 used.
- h = Unable to sample.
- i = A copy of the documentation for this data can be found in Blaine Tech Services report 010607-M-3. MTBE data for the January 13, 1993 and April 23, 1993 sampling events has been destroyed. No chromatograms could be located for MTBE data from wells MW-5, MW-6, and MW-7, sampled on October 21, 1993.
- j = Well not sampled due to presence of SPH and nature of the product.
- k = Could not purge and sample; waste drum full.
- 1 = Value represents the depth to product. Unable to determine depth to water, product disabled the interface probe.
- m = Discrete p[ak @ C6-7.
- n = TPH-g, BTEX, and MTBE analyzed by EPA method 8260 B beginning on 1st quarter 2003 aampling event (1/29/03).
- o = Groundwater samples are not collected during FP bailing event.
- p = Well not included in the monthly FP bailing program.
- q = Well not sampled in November 2003 due to the presence of a pile of gravel dumped over the well box.
- r = This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
- s = MW-7 TOC elevation raised +0.47 ft during well repair on January 20, 2004.
- t = Sheen in well.
- u = Calib, verif, is within method limits but outside contract limits.
- v = GRO result partly due to individual peak(s) in quantitation range.

NOTES:

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.

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

Values for DO and pH were obtained through field measurements.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 2. Summary of Fuel Additives Analytical Data Station #11132, 3201 35th Ave, Oakland, CA

Well and		Concentrations in (μg/L)							
Sample Date	Ethanol	TBA	MTBE	DIPE	ЕТВЕ	TAME	1,2-DCA	EDB	Comments
MW-1									
5/19/2006	<6,000	£400	86		iii ≤10 iii	 		310	
MW-2					1 Continues in the second seco			112 m j 21 c g Z g = \$4000 > \$44.0 m c g \$ 600	
1/29/2003	<4000	 ≪2000	820	<50	 ≪50	<50	≤50	₹50	
5/22/2003	<10000	<2000	1,000	<50	<50	<50			
7/28/2003	<20000	4000	1,700	<100	<100	<100	sioo	# 1000 ##	0
11/18/2003	<5,000	<1,000	500	<25	<25	<25		 	
02/23/2004	<25,000	<5,000	790	<120	≼120	<120	<120	<120	
05/04/2004	<50,000	<10,000	780	<250	<250	<250	<250	<250	Anterine and the interingue contraction to the second contraction of t
08/04/2004	<50,000	<10,000	430	250	<250	250	250	250	
11/10/2004	<5,000	<1,000	310	<25	<25	<25	<25	<25	(A)
02/15/2005	<20,000	<4,000	690	<100	<100	<100	<100	<100	
05/16/2005	<50,000	<10,000	560	<250	<250	<250	<250	<250	CONTROL OF A PARTIE OF A PARTI
08/17/2005	<20,000	\$4,000	480	\$100 li	<100	≺100	≼ioo	\$100	
11/18/2005 02/07/2006	<20,000 <60,000	<4,000 <4,000	340 440	<100 <100	<100 <100	<100	<100	<100	b
5/19/2006	<60,000	<4,000	430	<100 <100	<100 <100	<100 <100	= 160 <100	<100 <100	
8/23/2006	<60,000	<4,000 H	480	<100 	<100	<100 <100	~100 	<100 8100	b
11/15/2006	<60,000	<4,000	400	<100	<100	<100	<100	<100	
2/14/2007	≤60,000	≰4,000	810	 	<100	<100	<100	<100	
5/22/2007	<150,000	<10,000	1,000	<250	<250	<250	<250	<250	meneteratuurikkistatuuraa (angimeninkistaksi) kutoppinkan (penetalijan) (sp.)
MW-3									
1/29/2003	< 40	- 20	0.76	<50	₹50	< 50	<50	≲0	
02/23/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
02/15/2005	<100	<20.		<0.50	<0.50	<0.50	≤ 0.50	<0.50	
02/07/2006	<300	<20	<0.50	<0.50	< 0.50	<0.50	< 0.50	< 0.50	and a second transport of the second and the second second and the second second second second second second s
2/14/2007	<300.	2 20		<0.50	40.50	<0.50	4050	\$0.50	u u
MW-4				The state of the s					
1/29/2003	₹4 0	<20	66:00		\$0.50	<0.50	##050###	₹0.50	
02/23/2004	<100	<20	65	<0.50	<0.50	<0.50	<0.50	<0.50	
02/15/2005	<100 ii.	<20	62	≤0.50	40.50	<0.50	₹0.50	∛0:50 <u>.</u>	

Table 2. Summary of Fuel Additives Analytical Data Station #11132, 3201 35th Ave, Oakland, CA

Sample Date Ethanol	Concentrations in (μg/L)								
02/07/2006 <300 2/14/2007 <300 MW-5	l TBA	Sample Date	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Comments
2/14/2007 <300 MW-5 1/29/2003 <400 5/22/2003 <10000 7/28/2003 <2000 11/18/2003 02/23/2004 <5,000 05/04/2004 <5,000 11/10/2004 <1,000 02/15/2005 <1,000 08/17/2005 <1,000 11/18/2005 <1,000 11/18/2006 <3,000 5/19/2006 <3,000 11/15/2006 <1,500 11/15/2006 <1,500 11/15/2006 <1,500 02/15/2007 <1,500 MW-6 05/16/2005 <1000 11/15/2006 <1,500 2/14/2007 <1,500 MW-6 05/16/2005 <1000 2/14/2007 <1,500		MW-4 Cont.		and the same of th					
MW-5 1/29/2003	20	02/07/2006	####29#####	<0.50	\$0.50	¥0.50	80,50	* 0/50	
1/29/2003 <400 5/22/2003 <10000 7/28/2003 <2000 1/18/2003 <2000 1/18/2003 <2000 02/23/2004 <5,000 05/04/2004 <5,000 1/10/2004 <5,000 1/10/2004 <1,000 02/15/2005 <1,000 03/17/2005 <1,000 11/18/2005 <1,000 11/18/2006 <3,000 5/19/2006 <3,000 5/19/2006 <1,500 11/15/2006 <1,500 2/14/2007 <1,500 MW-6 05/16/2005 <100 02/07/2006 <300 2/14/2007 <1,500	<20	2/14/2007	61	<0.50	<0.50	<0.50	< 0.50	<0.50	adouts kun imitele alisa muteimita een kum miserpromise aasaa aa kultuu ah ka ka miseli aa miseli aa miseli aa
5/22/2003 <10000 7/28/2003 <2000 11/18/2003 02/23/2004 <5,000 05/04/2004 <5,000 11/10/2004 <1,000 02/15/2005 <1,000 08/17/2005 <1,000 11/18/2005 <1,000 11/18/2006 <3,000 5/19/2006 <3,000 11/15/2006 <1,500 11/15/2006 <1,500 02/14/2007 <1,500 MW-6 05/16/2005 <100 02/07/2006 <3000 11/15/006 <1,500 2/14/2007 <1,500		MW-5							
7/28/2003	 	i/29/2003	82	45.0	\$5.0	₹5.0	## < 5:0	≤5:0	
11/18/2003 02/23/2004 <5:000 05/04/2004 <5:000 11/10/2004 <1:000 02/15/2005 <1:000 08/17/2005 <1:000 11/18/2005 <1:000 11/18/2005 <1:000 11/18/2006 <3:000 5/19/2006 <3:000 11/15/2006 <1:500 2/14/2007 <1:500 MW-6 05/16/2005 <1:500 02/07/2006 <3:000	2000	5/22/2003	<50	<50	<50	<50			
02/73/2004 <5:000 05/04/2004 <5:000 08/04/2004 <5:000 11/10/2004 <1:000 02/15/2005 <1:000 08/17/2005 <1:000 11/18/2005 <1:000 11/18/2005 <1:000 5/19/2006 <3:000 5/19/2006 <3:000 11/15/2006 <1:500 2/14/2007 <1:500 MW-6 05/16/2005 <1:00 02/07/2006 <3:00 3/2006 <3:00 2/14/2007 <1:500 05/16/2005 <1:00 02/07/2006 <3:00 02/07/2006 <3:00 02/07/2006 <3:00 02/07/2006 <3:00 02/07/2006 <3:00 02/07/2006 <3:00 02/07/2006 <3:00 02/14/2007 <3:00 02/14/2007 <3:00 02/14/2007 <3:00 02/14/2007 <3:00 03/14/2007 <3:00	400	7/28/2003	120	kio li	<10	01≥	ii<10	< 0	
05/04/2004 <5,000 08/04/2004 <5,000 11/10/2004 <1,000 02/15/2005 <1;000 05/16/2005 <1,000 08/17/2005 <1,000 11/18/2005 <1,000 11/18/2006 <3,000 5/19/2006 <3,000 11/15/2006 <1,500 2/14/2007 <1,500 MW-6 05/16/2005 <100 02/07/2006 <300 11/15/00 <1,500 2/14/2007 <1,500		11/18/2003				gryshild aregerilisiits Cirsit.		 :::[17:11411:1111171:711171	Well inaccessible
08/04/2004 <5,000	E = < 1,000	02/23/2004	100	 	F25	725	38	1 25	
11/10/2004 <1,000 02/15/2005 <1;000 05/16/2005 <1,000 08/17/2005 <1,000 11/18/2005 <1,000 11/18/2005 <1,000 02/07/2006 <3;000 5/19/2006 <3,000 8/23/2006 <1,500 11/15/2006 <1,500 2/14/2007 <1,500 MW-6 05/16/2005 <100 02/07/2006 <300	I	05/04/2004	42	<25	<25	<25	<25	<25	A STATE OF THE STA
02/15/2005 <1;000 05/16/2005 <1;000 08/17/2005 <1;000 11/18/2005 <1;000 02/07/2006 <3;000 5/19/2006 <3;000 11/15/2006 <1;500 2/14/2007 <1;500 MW-6 05/16/2005 <100 02/07/2006 <300 12/14/2007 <300 05/16/2005 <100 02/07/2006 <300 12/14/2007 <300	J	08/04/2004	390	:25	€25	<25	<25	:i. <25	
05/16/2005 <1,000 08/17/2005 <1,000 11/18/2005 <1,000 11/18/2005 <1,000 02/07/2006 <3,000 5/19/2006 <3,000 11/15/2006 <1,500 2/14/2007 <1,500 MW-6 05/16/2005 <1,00 02/07/2006 <300 2/14/2007 <1,500	I		530	<5.0	<5,0	5,5	<5.0	<5.0	
08/17/2005 <1:000	200	02/15/2005	260	<5.0	<5.0	<5.0	< 5.0	≼5,0	
11/18/2005 <1,000 02/07/2006 <3,000 5/19/2006 <3,000 8/23/2006 <1,500 11/15/2006 <1,500 2/14/2007 <1,500 MW-6 05/16/2005 <100 02/07/2006 <300	I		370	<5.0	<5.0	<5.0	<5.0	<5.0	TANYTHER TO THE PROPERTY AND THE CASE OF THE PROPERTY OF THE P
02/07/2006 <3,000 5/19/2006 <3,000 8/23/2006 <3,000 11/15/2006 <1,500 2/14/2007 <1,500 5/22/2007 <1,500 MW-6 05/16/2005 <100 02/07/2006 <300 2/14/2007 <300		923944611149114911414141444444444444	51	<5 0	₹5.0	\$.0	\$50	₹50	
5/19/2006 <3,000 8/23/2006 ≤5,000 11/15/2006 <1,500 2/14/2007 <1,500 MW-6 05/16/2005 ≤100 02/07/2006 <300 2/14/2007 <300		************************	340	<5.0	<5.0	<5.0	<5.0 augustanoma	<5.0	b тамкоминальная приказания при при выправний при выправний при при выправний при при при при при при при при при
8/23/2006			200	25.0	<5.0	<5.0	<5.0 	¥5i0	
11/15/2006 <1,500 2/14/2007 <1;500 5/22/2007 <1,500 MW-6 05/16/2005 <100 02/07/2006 <300	I	**************************************	44 ###230	<5.0 ************************************	<5.0 ≤5.0	<5.0	<5.0	<5.0	b Caring and the common production of the common production of the common production of the common production of
2/14/2007 <1;500 5/22/2007 <1;500 MW-6 05/16/2005 <100 02/07/2006 <300 2/14/2007 <300			490		<2.5		### *5 :0	\$5.0	
5/22/2007 <1,500 MW-6 05/16/2005 <100 02/07/2006 <300 2/14/2007 <500			420	<2.5	(2.5 (2.5)	4.2 3.6	<2.5 √2 /5	<2,5	
MW-6 05/16/2005 <100 02/07/2006 <300 2/14/2007 <300			26	<2.5	<2.5	<2.5	42.5	<2.5	
05/16/2005 <100 02/07/2006 <300 2/14/2007 <300									
02/07/2006 <300 2/14/2007 <300	 			ricislaipatkii					
2/14/2007		Andread Company of the Company of th	€0.50	<0.50	₹0.50	<0.50	## PO 50	₹0.50	
	<20 	Striking and the supplementary and an experience	<0.50 ≰0.50	<0.50 <0.50	<0.50	<0.50	<0.50	<0.50 <0.50	
MW-7								100 SV 200	
		MW-7							
02/07/2006 <3,000	200	02/07/2006	270	<5.0	₹5.0	<5.0	- 5,0	<5.0	
2/14/2007 <3,000	<200	2/14/2007	740	<5.0	<5.0	9.6	<5.0	<5.0	
MW-8	and the same of th	MW-8	\Box						

Table 2. Summary of Fuel Additives Analytical Data Station #11132, 3201 35th Ave, Oakland, CA

Well and				Concentrati	ons in (µg/L)				
Sample Date	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Comments
MW-8 Cont.									
1/29/2003	<4000 E	₹2000	500	### # \$50###	1 1450	∰\$50∰	# 250	K50	
5/22/2003	<5000	<1000		<25	<25	<25			erinasiari viri oriante dan maranda da Maranda maranda maranda maranda maranda maranda maranda maranda maranda Maranda maranda marand
7/28/2003	<20000	≓4000 <u>.</u>	2,100	[<100 □	≤100	<100	<100	<100	
11/18/2003	<2,000	<400	1,700	<10	<10	20	-		a,b
02/23/2004	<10,000	<2,000	110	(450	~5 0	<50	<50	<50	
05/04/2004	<5,000	<1,000	2,000	<25	<25	33	<25	<25	dignicularishan dignis
11/10/2004	<5,000	<1,000	74	25	-25	-25	25	25	
02/15/2005	<10,000	<2,000	<50	<50 ≤50	<50	<50	<50	<50	
05/16/2005	<10,000	2,000	\$50		<50	\$50	\$50	<50 50	
08/17/2005	<10,000	<2,000 2,000	<50 140	<50 <50	<50 \$50	<50 <50	<50	<50	
11/18/2005 02/07/2006	<10,000 = <3,000	<2000 <200	7.5	<5.0	<5.0	<5.0	<5.0	<50 <5.0	b
5/19/2006	<15,000 <15,000	-200 - - - - - - - - - - - -	7.5 25	-5.0 -525	E25	-3.0 	1000 5 1000 1000 1000 1000 1000 1000 10	-	
8/23/2006	<15,000	<1,000	82	=====================================			**************************************		
11/15/2006	<15,000	-1,000 -1,000		#### 25	<25		 	 - - -25 -	
2/14/2007	<15,000	<1,000	82	<25	<25	<25	<25	**************************************	MODINIO CONTROLLO DE LA CONTRO
5/22/2007	₹6,000	400		<10	* * 10 *	111310	1011	<10	
MW-9		3-3-1 Hay	A Producer of Sugar-	- agi- iamadaoraa i wadaaraa		30310340103-1431015			2 Scaliff Control of the Control of
5/22/2003	<10000	≈ ≤2000	450	. 	<50	350			
7/28/2003	<100000	<20000	(1000 € 1000 €	<500	<500	<500	<500	<500	
11//18/2003	<2,000	-20000 	45	-500 	<10	\$10 ************************************			a,b
02/23/2004	<50,000	<10,000	#####################################	(1000000000000000000000000000000000000	<250	40000000000000000000000000000000000000	**************************************	<250	
05/04/2004	<5.000	- - - - - - - - - - - - - - - - - - -	25		25	₩ . ₩25	225	<25	
11/10/2004	<10,000	<2,000		<50	<50	<50	<50	######################################	Hernathethatteniatasisseniatissatuminingan markapannikatheratiatsatabatahan Arestinizari)
02/15/2005	<10,000	₹2,000	50	#\$50 ##	<50	30 0	<50	₩₩.50	
05/16/2005	<2,000	<400	<10	<10	<10	//////////////////////////////////////	<10	<10	न्तारकारकारकारकारकारकारकारकारकारकारकारकारका
08/17/2005	<2 ,500	≤500	- \$12	# <12	\$12	### 12	<12	£12	
11/18/2005	<1,000	<200	19	<5.0	<5.0	<5.0	<5.0	<5.0	р
02/07/2006	3000	≪200	≤5.0	<5.0	\$50	5.4	¥5.0	4510	
8/23/2006	<30,000	<2,000	<50	<50	<50	<50	<50	<50	The state of the s
11/15/2006	<15,000	<1,000	26	25	- 25	25	25	25	

Table 2. Summary of Fuel Additives Analytical Data Station #11132, 3201 35th Ave, Oakland, CA

Well and				Concentrati	ons in (µg/L)				
Sample Date	Ethanol	TBA	MTBE	DIPE	ЕТВЕ	TAME	1,2-DCA	EDB	Comments
MW-9 Cont.									
2/[4/2007	<15,000	# <1,000	25	11 25 Hill	iiiii ii ii 25	## 225	#25IIII	### 25	
5/22/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	A STATE OF THE PROPERTY OF THE
MW-10				**			***************************************		
5/22/2003	#<10000	<2000	300	₹50	iiiiii≅50	50			
11/18/2003	<10,000	<2,000	<50	<50	<50	<50			р
02/23/2004	≕<20,000=	24,000	180	#8100#	# \$100	<100	3100	≧ <100	
05/04/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	Vicinity Constitution (Constitution of the Constitution of the Con
11/10/2004	<5,000	51,000	230	### 25	≥25	::::::::::::::::::::::::::::::::::::::	-25	s25	$oldsymbol{b}$
02/15/2005	<10,000	<2,000	77	<50	<50	<50	<50	<50	
05/16/2005	<10,000	₹2,000	<50	<50	≈ 50	<50	<50		
08/17/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/18/2005	<2,500	<500	16	- 12	<12	<12	<12	<12	b b
02/07/2006	<15,000	<1,000	73	<25	<25	<25	<25	<25	
5/19/2006	<15,000	<1,000	25	<25	25	2 5	95	25 .	b
8/23/2006	<6,000	<400	<10	<10	<10	<10	<10	<10	I MARA JAANGA JARRANING WIRRING SI MARATI SINA JARRAN SI SAA JARRAN SI SAA SAA SAA SAA SAA SAA SAA SAA SAA
11/15/2006	₹6,000	400	11 15 4 10 11 11 11 11 11 11 11 11 11 11 11 11		<10	<10	310	≼10	
2/14/2007	<6,000	<400	120	<10	<10	<10	<10	<25	
5/22/2007	<6,000	₹400	15	<10	<10	#### ≤10	<10	ii ≤10 ii	
RW-1									
11/18/2003	<10,000	11,000	6,100	₹50	50	160			$(\mathbf{a},\mathbf{b},\mathbf{a})$

SYMBOLS AND ABBREVIATIONS:

- -- = Not analyzed/applicable/measured/available
- < = Not detected at or above specified laboratory reporting limit

1,2-DCA = 1,2-Dichloroethane

DIPE = Di-isopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

μg/L = Micrograms per Liter

FOOTNOTES:

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

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

NOTES:

All volatile organic compounds analyzed using EPA Method 8260B.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 3. Historical Ground-Water Flow Direction and Gradient Station #11132, 3201 35th Ave, Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
5/19/2006	South	0.003 to 0.005
11/15/2006	South	0.01 0.004
2/14/2007. 5/22/2007	Southeast.	0.001

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gailons)
MW-1	7/9/1990	0.22	2.000	2,000
MW-1	12/21/1990	0.58	2.000	4,000
MW-1	3/7/1991	0.00		4,000
MW-1	6/27/1991	0.18	2.000	6,000
MW-1	9/27/1991	0.27	2.000	8,000
MW-1	12/18/1991	0,28	2.000	10,000
MW-I	4/1/1991	0.15	2.000	12.000
MW-1	7/3/1992	0.27	2,000	14.000
MW-1	10/5/1992	0.24	2.000	16,000
MW-I	1/13/1993	0,24	2,000	18,000
MW-I	4/23/1993	0.42	2,000	20.000
MW-1	7/12/1993	0.49		20,000
MW-1	10/21/1993	1.09	2.000	22.000
MW-1	1/21/1994	0,76		22.000
MW-1	4/20/1994	1.80	2.000	24,000
MW-1	8/1/1994	6 0,35	2.000	24,000
MW-1	1/26/1995	1.10 1.25	3.000	27,000 27,700
MW-I	6/8/95-6/28/95	West planting and provided the control of the	0.700	27.700
MW-1	8/22/1995	0.85	0.150	27.850 27.960
MW-1	10/30/95-12/23/95 1/25/96-2/16/95	0.69	0,110	29,040
MW-1		1.40 1.22	1.080 0.750	29.040 29.790
MW-1	4/19/1996 7/23/1996	0.89	0.000	29.790
MW-1 MW-1	9/4/1996	U.03	0.350	30.140
MW-1	9/4/1990 11/11/1996	0.89	0.980	31.120
MW-1	1/21/1997	0,90	0.200	31,320
MW-1	4/29/1997	0,85	0.250	31.570
MW-1	8/21/1997		0.150	31.720
MW-1	11/2/97-12/9/97	0.87	2.030	33.750
MW-1	2/3/1998	0.32	0,250	34.000
MW-1	2/4/1998			34.000
MW-1	5/28/1998	0.17		34.000
MW-l	12/30/1998	0,08	0.020	34.020
MW-1	2/2/1999	0,03	0.010	34.030
MW-I	5/10/1999	0.03	0.010	34.040
MW-1	8/24/1999	0.06	0.010	34.050
MW-1	11/3/1999	0,36	0.050	34.100
MW-1	3/1/2000	0.23		34.100
MW-1	4/21/2000	0.33	0.070	34.170
MW-1	7/31/2000	0.53	0.130	34.300
MW-I	11/20/2000	0.37	0,500	34.800
MW-1	2/18/2001	0.13	0.050	34,850
MW-I	2/26/2001	0.15	0.150	35.000
MW-1	6/7/2001	0.00		35.000
MW-1	9/5/2001	0,35		35.000
MW-1	11/30/2001	0.41	0,260	35,260
MW-1	12/6/2001	0.27	0,040	35.300
MW-1	2/20/2002	0.15	0.020	35,320
MW-1	6/20/2002	0.34	0.070	35.390
MW-1	9/11/2002	0.40	0.060	35,450
MW-I	11/12/2002	0.37	0.060	35.510
MW-1	1/29/2003	0.30	0.320	35.830
er a select AT a	 1 (1) 1 (1)	· · · · · · · · · · · · · · · · · · ·	grade in the state of the control of the State of the Sta	agranda a contrar o de la traval de medica de la serva de la serva

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (galions)
MW-1	5/22/2003	0.20	0.140	35.970
MW-I	6/24/2003	0.35	0.070	36.040
MW-I	7/28/2003	0.35	0.080	36.050
MW-1	8/12/2003	0.23	0.040	36:090
MW-I	9/12/2003	0.24	0.040	36.130
MW-1	10/3/2003	0.23	0.040	36,170
MW-1	11/18/2003	0.25	0.040	36.210
MW-1	12/31/2003	0.15	0.020	36,230
MW-1	2/2/2004	0.15	0.020	36.250
MW-1	2/23/2004	0.09	0.030	36.280
MW-1	3/18/2004	0.09	0.010	36.290
MW-1	4/13/2004	0.24	0,040	36.330
MW-1	5/4/2004	0.16	0.030	36.360
MW-1	6/2/2004	0.08	0.010	36.370
MW-I	7/2/2004	0.28	0.040	36.410
MW-1	8/4/2004	0.10	0.080	36,490
MW-1	9/22/2004	0.20	0.030	36.520
MW-1	10/26/2004	0,12	0.020	36.540
MW-1	11/10/2004	0.14	0.020	36.560
MW-1	12/27/2004	0.08	0,010	36.570
MW-1	1/13/2005	0.03	0.005	36.575
MW-1	2/15/2005	0.04	0.006	36,581 36,588
MW-1	3/7/2005	0.01	0.007 0.002	36.589
MW-I	4/29/2005	0.01	0.002	36.592
MW-I	5/16/2005	0.02	0.003	36.594
MW-1	6/21/2005	0,01 0.18	0.002	36,623
MW-1 MW-1	7/7/2005 8/17/2005	0.18	0.029	36.636
A-10 354 0 0 0 1	9/6/2005	0.0a 0.02	0.003	36,639
MW-1 MW-1	10/4/2005	0.02	0.020	36.659
MW-I	9/6/2005	0.06	0.020	36.669
MW-1	12/30/2005	0.03	0.005	36.674
MW-I	1/24/2006	0.00	0.000	36.674
MW-1	2/7/2006	0.00	0.002	36.676
MW-1	3/30/2006	0.00	0.002	36.676
	4/21/2006	0.00	0.000	36.676
MW-1 MW-1	5/19/2006	<0.01 (SHEEN)	0.000	36.676
MW-1	6/22/2006	0.04	0.006	36.682
MW-I	7/31/2006	0.04	0.006	36.688
MW-1	8/23/2006	0.14	0.022	36.710
MW-1	9/28/2006	0.35	0.056	36,766
MW-1	11/15/2006	0.18		36.766
MW-1	2/14/2007	0.17	The Angles of the Control of the Con	36.766
MW-1	3/14/2007	0.04	****	36,766
MW-I	4/10/2007	0.15	***	36.766
MW-1	5/22/2007	0.01	***	36,766
MW-I	6/26/2007	0.05	***	36,766
MW-8	11/02/93-12/09/98	0.12	1.620	1,620
MW-8	9/5/2001	0.04		1,660
MW-8	8/12/2003	<0.01 (SHEEN)		1.660
MW-8	10/3/2003	<0.01 (SHEEN)	Lant - Life	1,660

	0201		ie, Cakland,	O/ (
WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-8	11/18/2003	<0.01 (SHEEN)		1.660
MW-8	12/31/2003	<0.01 (SHEEN)		1.660
MW-8	2/2/2004 2/23/2004	<0.01 (SHEEN) <0.01 (SHEEN)	- 14 LATE SERVICE	1.660 1.660
MW-8 MW-8	3/18/2004	<0.01 (SHEEN)		1,660
MW-8	4/13/2004	<0.01 (SHEEN)	<u>.</u>	1.660
MW-8	5/4/2004	<0.01 (SHEEN)	913 (1 14 91 <u>16. 1 16. 16. 16. 16. 16. 16. 16. 16. 16. 16.</u>	1.660
MW-8	6/2/2004	<0.01 (SHEEN)		1,660
MW-8	7/2/2004			1.660
MW-8	8/4/2004	0.05	0.110	1.770
MW-8	9/22/2004	 \$\$\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		1.770 1.770
MW-8 MW-8	10/26/2004 11/10/2004	-		1.770
MW-8	12/26/2004			1,770
MW-8	1/13/2005	5,000,00000; 12,00 0,000,000,000.	or or the first and order in the control of the con	1.770
MW-8	2/15/2005			1.770
MW-8	3/7/2005			1.770
MW-8	4/29/2005			1,770
MW-8	5/16/2005			1.770 1.770
MW-8 MW-8	6/21/2005 7/7/2005			1.770
MW-8	8/17/2005			1.770
MW-8	9/6/2005	i de lassificación 		1.770
MW-8	1/24/2006	Service of Services		1.770
MW-8	2/7/2006		_	1.770
MW-8	3/30/2006			1.770
MW-8	4/21/2006			1.770
MW-8 MW-8	5/19/2006 6/22/2006	<0.01 (Sheen)		1.770 1.770
MW-8	7/31/2006			1.770
MW-8	8/23/2006			1.770
MW-8	9/28/2006		-	1.770
MW-8	11/15/2006	<0.01 (Sheen)		1.770
MW-8	2/14/2007	<0.01 (Sheen)		1.770
MW-8	5/22/2007	<0.01 (Sheen)		1.770
MW-8	6/26/2007			1.7/0
MW-9	11/2/93-4/29/97	0.10	<0.1	0.880
MW-9	11/5/1997	0.01	<0.1	0.880
MW-9	1/29/2003	0,10 NM	0.190 NM	1,070 1,070
MW-9 MW-9	6/24/2003 7/28/2003	<0.01 (SHEEN)	and the second s	1.070
MW-9	8/12/2003	<0.01 (SHEEN)		1.070
MW-9	9/12/2003	<0.01 (SHEEN)	the second property of the contract of the con	1.070
MW-9	10/3/2003	0.01	0.002	1.072
MW-9	11/18/2003	<0.01 (SHEEN)	agrantian and the fact of the control of the control of	1.072
MW-9	12/31/2003	<0.01 (SHEEN)	and the second property of the contract of the second	1.072
MW-9	2/2/2004	<0.01 (SHEEN)		1.072
MW-9	2/23/2004	<0.01 (SHEEN)		1.072 1.072
MW-9 MW-9	3/18/2004 4/13/2004	<0.01 (SHEEN)		1.072
MW-9	5/4/2004	<0.01 (SHEEN)	and the second second second second second second	1.072
114 11 -2	I SECURE AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF TH	1 12:21:22:22:22:22	A CONTRACTOR OF THE	 (4) 1. (4) 2. (4)

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-9	6/2/2004	<0.01 (SHEEN)		1,072
MW-9	7/2/2004			1.072
MW-9	8/4/2004	0.03	0.053	1.125 1.125
MW-9 MW-9	9/22/2004 10/26/2004			1.125
MW-9	10/20/2004			1.125
MW-9	12/27/2004		1482-1017711 30183 	1.125
MW-9	1/13/2005	Nagar <mark>i</mark> arasa		1.125
MW-9	2/15/2005	Distributed best between them		1,125
MW-9	3/7/2005			1,125
MW-9	4/29/2005		-	1.125
MW-9	5/16/2005		4	1.125
MW-9	6/21/2005			1.125
MW-9	7/7/2005			1.125
MW-9	8/17/2005			1.125 1.125
MW-9	9/6/2005 1/24/2006			1.125
MW-9 MW-9	2/7/2006	SHEEN		1,125
MW-9	3/30/2006			1.125
MW-9	4/21/2006			1,125
MW-9	5/19/2006	NM		1.125
MW-9	6/22/2006			1.125
MW-9	7/31/2006		<u></u>	1.120
MW-9	8/23/2006			1.120
MW-9	9/28/2006			1.120
MW-9	11/15/2006	<0.01 (Sheen)		1.120
MW-9	2/14/2007 5/22/2007	<0.01 (Sheen) <0.01 (Sheen)		1.120 1.120
MW-9 MW-9	6/26/2007			1.120
			10.500	
MW-10	9/7/93-7/23/96 9/4/1996	0.76	10,520 0,100	10.520 10.620
MW-10 MW-10	11/11/1996	9,79	0.200	10.820
MW-10	Land the second of the second	1. TANKE 1844 A. A. A.	<0.03	10.850
MW-10	4/29/1997		0.040	10.890
MW-10	4/29/1997		0.040	10,930
MW-10	12/2/1997	0.03	<0.1	10,930
MW-10	2/3/1998	5 (2 2 1 2 2 2 2	<0.1	10.930
MW-10	9/5/2001	0.01		10.930
MW-10	\$1. THE SAME AND A TRANSPORT AND ADDRESS OF THE	0.07	0.010	10.940
MW-10	1/29/2003	0,03	0.030 0.010	10.970 10.980
MW-10	A CONTRACTOR OF THE PROPERTY O	0.04 0.04	0.010	11.000
MW-10 MW-10	and the second s	<0.01 (SHEEN)		11.000
MW-10	17,000000 000000000000000000000000000000	<0.01 (SHEEN)	A STATE OF THE STA	11.000
MW-10	A CONTRACTOR OF THE PROPERTY OF THE PARTY OF	<0.01 (SHEEN)	The second control of	11.000
MW-10	The the contract of the contra	<0.01 (SHEEN)		000.11
MW-10	I	<0.01 (SHEEN)		11.000
MW-10	and the second section of the second section section of the second section sec	<0.01 (SHEEN)		11.000
MW-10	3/18/2004	<0.01 (SHEEN)	the action of the second secon	11.000
MW-10		<0.01 (SHEEN)		11,000
MW-10	5/4/2004	<0.01 (SHEEN)		11.000

		····		
WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
MW-10	6/2/2004	<0.01 (SHEEN)	and the second of the second o	11.000
MW-10	7/2/2004	<0.01 (SHEEN)		11.000
MW-10	8/4/2004	0.08	0.11.0	11.110
MW-10	9/22/2004			11,110
MW-10	10/26/2004	 nymen e Nederlânê hitad	TO A STOUTH SWINGS OF THE TRA	11.110
MW-10	11/10/2004			11.110
MW-10	12/27/2004	- -0 03 2011EFN		11.110 11.110
MW-10	1/13/2005	<0.01 (SHEEN)	-	11.110
MW-10	2/15/2005 3/7/2005			11.110
MW-10 MW-10	4/29/2005			11.110
MW-10	5/16/2005		oyean English	11.110
MW-10	6/21/2005			11.110
MW-10	7/7/2005			11.110
MW-10	8/17/2005		STATE OF STATES	11.110
MW-10	9/6/2005			11,110
MW-10	1/24/2006	-		11.110
MW-10	2/7/2006	SHEEN		115110
MW-10	3/30/2006			11.110
MW-10	4/21/2006	-	-	11.110
MW-10	5/19/2006	<0.01 (SHEEN)	en e	11.110
MW-10	6/22/2006	-		11.110
MW-10	7/31/2006			11.110 11.110
MW-10	8/23/2006			11.110
MW-10 MW-10	9/28/2006 11/15/2006	 <0.01 (Sheen)		11:110
MW-10	2/14/2007	<0.01 (Sheen)		11.110
MW-10	5/22/2007	<0.01 (Sheen)		11.110
MW-10	6/26/2007	<0.01 (Sheen)	_	11.110
RW-1	9/5/2001	0.02		0.000
RW-1	6/20/2002			0.000
RW-1	9/11/2002	0.03	0.040	0.040
RW-I	11/12/2002	0.02	0.030	0.070
RW-1	1/29/2003	0.04	0.070	0.140
RW-1	6/24/2003	0.07	0.040	0,180
RW-1	7/28/2003	0.04	0.020	0,200
RW-1	8/12/2003	<0.01 (SHEEN)	Charles State Charles and Company of the Company	0,200
RW-1	9/12/2003	0.07	0.100 0.040	0,300 0,340
RW-1	10/3/2003 11/18/2003	0.03 <0.01 (SHEEN)	51.1 0.1000 00 00 00 0 0 0 0 0 0 0 0 0 0	0.340
RW-1 RW-1	12/31/2003	<0.01 (SHEEN)	the second of th	0.340
RW-1	2/23/2004	0.01	0,005	0.345
RW-I	3/18/2004	0.09	0.120	0.465
RW-I	4/13/2004	0.02	0.030	0.495
RW-1	5/4/2004	0.02	0.030	0.525
RW-1	6/2/2004	0.05	0.020	0.545
RW-1	7/2/2004	0.11	0.162	0.707
RW-1	8/4/2004	0.05	0.159	0,865
RW-1	9/22/2004	0.06	0.088	0.953
RW-I	10/26/2004	0.01	0.010	0.963
RW-I	11/10/2004	0.02	0.030	0.993

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

WELL ID	DATE OF MONITORING	PRODUCT THICKNESS (feet)	PRODUCT REMOVED (gallons)	CUMULATIVE PRODUCT REMOVED (gallons)
RW-1	12/27/2004	0.03	010.0	1.003
RW-1	1/13/2005	0.01	0.004	1,007
RW-1	2/15/2005	0.03	0.044	1.051
RW-1	3/7/2005	0,02	0.029	1.080
RW-I	4/29/2005	0.03	0.044	1.124
RW-1	5/16/2005	0.02	0.029	1:154
RW-1	6/21/2005	0.03	0.013	1.167
RW-1	7/7/2005	0.06	0.092	1.259
RW-I	8/17/2005	0.03	0.044	1.304
RW-1	9/6/2005	0.03	0.044	1348
RW-I	10/4/2005	0.07	0.100	1.448
RW-I	11/18/2005	0.07	0.010	1,458
RW-1	12/30/2005	0.04	0.006	1.464
RW-1	1/24/2006	0.01	0.015	1.479
RW-1	2/7/2006	0.01	0.015	1.494
RW-1	3/30/2006	0.02	0.030	1.524
RW-I	4/21/2006	0.00	0.000	1.524
RW-1	5/19/2006	0.04	0.058	1.582
RW-1	6/22/2006	0.03	0.044	1.626
RW-1	7/31/2006	0.12	0.176	1.802
RW-1	8/23/2006	0.07	0.103	1,905
RW-I	9/28/2006	0.07	0.103	2.008
RW-I	11/15/2006	0.07	we	2.008
RW-1	2/14/2007	0.04		2.008
RW-1	3/14/2007	0.05	****	2.008
RW-1	4/10/2007	0.10	***	2.008
RW-1	5/22/2007	संभ	####	2.008
RW-1	6/26/2007	0.05	****	2.008

Free Product Removed this Quarter = 0.000

Total Free Product = 52.774

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

The data within this table collected prior to June 2006 was provided to BAI by RM and their previous consultants. BAI has not verified the accuracy of this information.

^{*} No hazardous waste drum on-site or drum was full, therefore no product was removed.

^{**} Indeterminate thickness of product. The nature of product is unknown, very viscous,

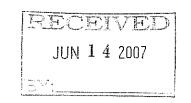
^{***} Data prior to 1998 is incomplete, and amounts removed are estimates based on quarter reports from the previous consultants.

^{****} Absorbent socks used to collect product. Unknown amount of product recovered,

APPENDIX A

STRATUS GROUND-WATER SAMPLING DATA PACKAGE (INCLUDES FIELD DATA SHEETS AND LABORATORY ANALYTICAL REPORT WITH CHAIN-OF-CUSTODY DOCUMENTATION)





3330 Cameron Park Drive, Ste 550 Cameron Park, California 95682 (530) 676-6004 ~ Fax: (530) 676-6005

June 12, 2007

Mr. Rob Miller Broadbent & Associates, Inc. 2000 Kirman Avenue Reno, NV 89502

Re:

Groundwater Sampling Data Package, BP Service Station No. 11132, located at 3201 35th Avenue, Oakland, California (Quarterly Monitoring performed on

May 22, 2007)

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson

Phone Number: (530) 676-6000

On-Site Supplier Representatives: Greg Wilkins and David DeMello

Date: May 22, 2007

Weather Conditions: Clear

Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

Variations from Work Scope: Sheen was noted on Wells MW-8, MW-9 and MW-10. Product

was noted in Wells MW-1 and RW-1.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include bill of lading, field data sheets, chain of custody documentation, and certified analytical results. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Jay R. Johnson

No. 5867

Project Manager

OF CALIFORNIA

Project Manager

Attachments:

- Bill of Lading
- Field Data Sheets
- Chain of Custody Documentation
- Certified Analytical Results

CC: Mr. Paul Supple, BP/ARCO

SOURCE RECORD BILL OF LADING FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT BP GEM OIL COMPANY FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGEWATER WHICH HAS BEEN RECOVERED FROM GROUNDWATER WELLS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BELSHIRE ENVIRONMENTAL TO SEAPORT ENVIRONMENTAL IN REDWOOD CITY, CALIFORNIA.

The contractors performing this work are Stratus Environmental, Inc. [Stratus, 3330 Cameron Park Drive, Suite 550, Cameron Park, CA 95682, (530) 676-6004], and Dullous Environmental, Inc. [Dulous, PO Box 2559, Orangevale, CA 95662, (916) 990-0333]. Stratus is authorized by BP GEM OIL COMPANY to recover, collect, and apportion into loads the nonhazardous well purgewater that is drawn from wells at BP GEM Oil Company facilities and deliver that purgewater to BP GEM Oil Company facility 5786 located in West Sacramento, California. Dulous also performs these services under subcontract to Stratus. Transport routing of the non-hazardous well purgewater may be direct from one BP GEM facility to the designated destination point; from one BP GEM facility to the designated destination point via another BP GEM facility; from a BP GEM facility to the designated destination point via the contractor's facility, or any combination thereof. The non-hazardous well purgewater is and remains the property of BP GEM Oil Company.

This Source Record BILL OF LADING was initiated to cover the recovery of non-hazardous well purgewater from wells at the BP GEM Oil Company facility described below:

Station Address Total Gallons Collected From Groundwater Monitoring Wells: 40 Added Equipment Any Other Adjustments TOTAL GALS. loaded onto Stratus vehicle # Stratus Project # time date E1132 0830 05/22/07 Signature 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ARCO 11132	
Total Gallons Collected From Groundwater Monitoring Wells: 40 Added Equipment Any Other Adjustments TOTAL GALS. loaded onto Stratus vehicle # Stratus Project # time date E11132 0830 05/22/07 Signature 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Station #	
Total Gallons Collected From Groundwater Monitoring Wells: 40 Added Equipment Any Other Adjustments TOTAL GALS. loaded onto Stratus vehicle # Stratus Project # time date E11132 0830 05/22/07 Signature 4 ***********************************	3201 35th Ave	Oakland CA.
Added Equipment Any Other Rinse Water Adjustments TOTAL GALS. RECOVERED 40 Stratus vehicle # Stratus Project # time date E1132 0830 05/22/07 Signature 0830 05/22/07 TOTAL GALS. Signature date	Station Address	,
Rinse Water Adjustments TOTAL GALS. RECOVERED 40 Stratus vehicle # Stratus Project # time date E11132 0830 05 22 07 Signature Signature time date		iroundwater Monitoring Wells:
RECOVERED 40 Stratus vehicle # Stratus Project # time date E///32 0830 05/22/07 Signature ************************************	Added Equipment Rinse Water	•
E11132 0830 05/22/07 Signature Ull. **********************************	· · · - ·	· -
Signature	Stratus Project #	time date
**************************************	E11132	0830 05/22/07
RECEIVED AT time date	Signature	Julhi
time date	*******	*****
1 576/2		time date
Unloaded by Signature		1030 05/22/07



Site Contact Phone No.

heen heen

heen

Site Address: 3201 35th Ave. City Oakland CA

Sampled By Co. Wilkins
D. De Mello



Site Number: <u>ARCO 1/132</u>
Project No. <u>E1/132</u>
Project PM J. Johnson
Date Sampled <u>05-22-07</u>

	Water Le	evel Data				Purge Vol	lume Calcu	lations		Ī T	Well P	urge M	lethod	Sa	mple Rec	ord	Field
				Total	Casing	,		Three	Actual					DTW	<u> </u>		Data
		Depth to		Depth of	Water	Well	Multiplier	Casing	Waler	١				At	. !		Dissolved
 Well ID	Time	water feet	Screen feet	Well feet	Column (A)	Diameter (inches)	Value (B)	Volumes	Purged (gallons)	No Purae	Bailer	Dumin	Other	Sample Time	Sample I.D.	Sample Time	Oxygen (mg/L)
MW-1	0740	19.50	1000	41.44	19.494			unpled		≪	.Dailoi	r ump	Outer	111116	·	111116	(riig/L)
<u> </u>	0528	18.20	-		13.23	2		6.62	l .	-					Mw-1	47/7	.08
MWZ				1			.5 .5		6.5		×			22.55			
MW-5	0518	15.42		32,00	16.58	2		8.29	8	<u> </u>	× ×				MW-5		(. 4/
MW-8	0552	15.92			77, 25	2	.5	11.39	6	<u>·</u>	l				MW-8	'	1.05
MWG	0549	16.14		28.13	12,59	Z 2	.5	6.30		 	×	<u> </u>			MW9		. 81
NAW10		17.17		, , ,	16 86		.5	8.43	8,50		X	ļ		19,40	MWID	0636	,0G
RW-1	0536	17.78	Unabl	e to M	easure	depth	to Proc	wit	2 mix	X	K	Not:	Surpled		RW-1		
 										<u> </u>						· · · · · ·	
					·]							
TB	111320	152220	207							.]					TB	0510	
									i.								
MW-3	0523	16.80		34.25]										
мш-ч	0510	20.16		3971													
MW-6	0807	15:11		34.33													
MU-7		18.4		34.61		7100											
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					l		<u>.</u>	<u> </u>	<u></u>					<u> </u>			<u> </u>

(A) Casing water Column Depth wtr. Depth to Bollom

Multiplier Values 2"=0.5 4"=2.0 6"=4.4

4 - 4 - 4 - 4

Daves Do Alea

1.41



Site Address 3201 35th Ave City Ookland CA Site Sampled by 6. Wilkins D. Deffello

Site Number <u>ARCO 11132</u>
Project No. <u>E11132</u>
Project PM <u>J. J. Musm</u>
Date Sampled <u>05-22-07</u>

						AND THE SAME	and		
Well ID MA					Well ID MW				2150
purge start time	Not Si	mple.	d		purge start time	Bailer		•	Odon
	Temp C	pH	cond	gallons	6)	Temp C	Hq	cond	gallons
time					time	19.7	7.00	657	-0-
time					time	19.9	6.91	660	3.5
time				:	time	20.0	6.90	667	6,5
time					time				
purge stop time	Baile	d Pn	odvet		pugre stop time				
Well ID MW	-5			0546	Well ID MW	-8			7637
purge start time	Bailer	1		Odon	purge start time	Bailer	-		dor
	Temp C	pН	cond	gallons		Temp C	рН	cond	galions
time	20.3	7.02	1596	0	time	19.1	7.01	1208	0
time	20.4	7.00	1587	4	time	19.5	7.00	1236	5.5
time	19.5	7,03	1605	8	time	19.5	6.99	1276	17
time					time		-		
purge stop time				-	purge stop time	BNAAN	(She	en	
Well ID MN	-9			0718	Well ID MW	-10			0634
purge start time	Bailer			dor	purge start time	Bailer			don
	Temp C	рΗ	cond	gallons		Temp C	рН	cond	galions
time	20.1	7.16	1011	0	time	18.3	7,17	578	0
time	20.5	7,18	1022	. 3	time	18.4	7.03	581	4
time	20.3	7.08	1012	6	time	18.1	7.10	572	8.5
time					time				
purge stop time	Sheev	1			purge stop time	5heen			
Well ID RW	-/_				Well ID				
purge start time	Not Sa	mplea	/		purge start time				
	Temp C	pH	cond	gallons		Temp C	рН	cond	galions
time					time				
time					time				
time					time				
time					time				
purge stop time	Bailed	And	vet	1	purge stop time	<u>-</u>	·		

Wellhead Observation Form

Account: <u>ARCO 11132</u>
Sampled by: <u>G.Wilkins</u>

Date: 05-22-0

Well ID	Box in good condition	Lock Missing (Replaced with new)	Water in Box	Bolts Missing	Bolts Stripped	Bølt-Holes Stripped	Cracked or Broken Lid	Cracked Box and/or Bolt - Holes	Misc.	Add'l Notes and Other Stuff
MW-1	X		•2							
MW-Z	X									
MW-5			X							
MW-8	X							· · · · · · · · · · · · · · · · · · ·		
MW-9	X									
MW-10			×							
RW-1	<u> </u>					,				19.
MW-3	X	20 (5)					-,			
MW- Y			X			2				
MW-6	Xean	absarros	NOAN							
MW-7			X							
			<u></u>							

11132 Avio Ontelal (12/314-07 CHILL

onsite check wells

DYP Dru MW-1 18.69 18.73 17.35 RW-1 17.40

Penare Socks From wells Usulones In Drin PUT New ones IN

1045 offsike

.....

4.1007 11132 ANO Outland	(2.5)
CHILL	6 18 America
0950 ouste checks wells	EN OMIGINAL
DTP DYW	
MW-1 19.20 19.35 1. RW-1 17.60 17.70 110	
RW-1 17.60 17.10 110	
Black sluge In Color	
Install New Absorb Socks. Then Remove install New one	- Wait Few minutes
1030 0449HC	
V	
A	<u>.</u>

. Aveo 11132 October OF CRIGINAL 5-22-07 15 Being Done 0600 onsite am DTW DTP 19,50 MW-1 19.49 Steme 15,92 ma-8 + Sheen 16.14 mw-9 -mw-10 Shore 17.17 17,78 Rw-1 -4 GALS Purpod Product Involor MIX MW-1 Black TAR Clemny UP Still some Bluet Install Socks (New) Agrin For Ru-1

Ru-1 Still Bocks (New) Agrin For Install Bocks (New) Agrin For Last Time Sue what happens 0700 offsete

Atlantic Richfield ompany

A BP affiliated company

Chain of Custody Record

Project Name: ARCO 11132 BP BU/AR Region/Enfos Segment:

On-site Time: 0424 Off-site Time: 0840

Sky Conditions: Clear

Temp:/ow 605

BP > Americas > West > Retail > Alameda > 11132

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

Sta TAT

Meteorological Events: -Wind Speed: -Direction: -

									-																_			
Lab N	Name: TestAmerica						BP/AR Facility No	.:				1132								Con	sulta	nt/Co				Stratus Environment		
Addr	ess: 885 Jarvis Drive						BP/AR Facility Ad	dres	s:	3	201	35tl	ı Av	e., O	ıklaı	nd				Ado	lress	:				ron Park Drive, Sui	e 550	
Morg	an Hill, CA 95937						Site Lat/Long:													╢						rk, CA 95682		
Lab F	PM: Lisa Race						California Global I	D N	0.:			010		}		_										ect No.: E11132-		
Tele/	Fax: 408-782-8156 408-782-630	8 (fax)					Enfos Project No.:					TS-0	030									nt/Co				Jay John:		
BP/A	R PM Contact: Paul Supple						Provision or OOC	(cire	cle c	me)			Prov	ision							/Fax					000 / (530) 676-60		
Addr	ess: 2010 Crow Canyon Place, Suite	e 150					Phase/WBS:		04	I-M	onit	oring	,									ype å				Level 1 v	rith EDF	
	San Ramon, CA					┸	Sub Phase/Task:		03	3-Ar	naly	tical														@stratusinc.net		
Tele/l	Fax: 925-275-3506					<u> </u>	Cost Element:		01	l-Co	_	eter				· · · · · · · · · · · · · · · · · · ·							tlanti	c Ri	chfie	ld Co.		
Lab	Bottle Order No:			1	Matri	ix	·			_	P	reser	vati	ve		<u> </u>		1	Reques	ted A	naly	sis		r				
Item No.	Sample Description	Time	2007 Date	Soil/Solid	Water/Liquid	Air	Laboratory No.	No. of Containers	1 5	Oupreserved	H ₂ SO ₄	HNO,	HCI	Methanol		GRO/BTEX/Oxy*	1,2-DCA	Ethanol	ерв	DRO							ments cy =	
1	MW-1 Not Sumpled -		05/22		X	Τ=			+				$\overline{\star}$		-	X	X	X	X	+	 	<u> </u>			<u> </u>	A11 by 8.	260	
	MW-2	0712	1		T			3	┰				1			x	х	х	х									
	MW-5	0546						6										Х										
4	MW-8	0637				1	_	3	ŀ							X_	Х	Х	X									
5	MW-9	6718						3				ĺ	-			x	x	х	x						ļ			
	MW-10	0636					,	3					I			1		x										
7	RW-1 Not Sampled -		1			_						_	1			X	X.	X	χ̈́	 								
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10			'																	<u> </u>					<u> </u>			
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Spec	ial Instructions:	Please	cc resul	ts to	rmille	er@b	roudbentine.com										_											
	Custody Seals In Place: Ye	an / Nin	T	emn	Rlagi	₩./V.	s/No Coc	ler'	Ter	nn (30 E	Recci	int		p C	/C	- 1	Tri	p Blank:	<u>ær)</u>	Nn	Ī	M:	S/M	SD 9	Sample Submitted:	Yes / No	
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8 June, 2007

Jay Johnson Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park, CA 95682

RE: BP Heritage #11132, Oakland, CA

Work Order: MQE0882

Enclosed are the results of analyses for samples received by the laboratory on 05/22/07 22:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Woodcock For Lisa Race Senior Project Manager

Chritina Noodcock

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.

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

The report shall not be reproduced except in full, without the written approval of the laboratory. The client also agrees not to alter any reports whether in the hard copy or electronic format and to use reasonable efforts to preserve the reports in the form and substance originally provided by TestAmerica.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.





Stratus Environmental Inc. [Arco]	Project:	BP Heritage #11132, Oakland, CA	MQE0882
3330 Cameron Park Dr., Suite 550	Project Number:	G07TS-0030	Reported:
Cameron Park CA, 95682	Project Manager:	Jay Johnson	06/08/07 17:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MQE0882-01	Water	05/22/07 07:12	05/22/07 22:10
MW-5	MQE0882-02	Water	05/22/07 05:46	05/22/07 22:10
MW-8	MQE0882-03	Water	05/22/07 06:37	05/22/07 22:10
MW-9	MQE0882-04	Water	05/22/07 07:18	05/22/07 22:10
MW-10	MQE0882-05	Water	05/22/07 06:36	05/22/07 22:10
TB-11132-05222007	MQE0882-06	Water	05/22/07 05:10	05/22/07 22:10

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.





Project: BP Heritage #11132, Oakland, CA

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) TestAmerica - Morgan Hill, CA

Analyte F	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-2 (MQE0882-01) Water Sampled: 05/22/	07 07:12	Received:	05/22/07 2	2:10					
Gasoline Range Organics (C4-C12) 91	1000	25000	ug/l	500	7E31003	05/31/07	05/31/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		99 %	60-12	5	"	11	"	n	
Surrogate: Dibromofluoromethane		101 %	75-12	0	rr .	n	и	H	
Surrogate: Toluene-d8		100 %	80-12	0	rr .	и	u	n	
Surrogate: 4-Bromofluorobenzene		97 %	60-13	5	"	v	u	0	
MW-5 (MQE0882-02) Water Sampled: 05/22/	07 05:46	Received:	05/22/07 2	2:10					
Gasoline Range Organics (C4-C12)	800	250	ug/l	5	7F01004	06/01/07	06/01/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	60-12	5	11	n	"	"	
Surrogate: Dibromofluoromethane		101%	75-12	0	II	"	"	#	
Surrogate: Toluene-d8		98 %	80-12	0	11	n	n	п	
Surrogate: 4-Bromofluorobenzene		94%	60-13	5	n	u	"	n	
MW-8 (MQE0882-03) Water Sampled: 05/22/	07 06:37	Received:	05/22/07 2	2:10					
Gasoline Range Organics (C4-C12) 17	7000	1000	ug/l	20	7E31003	05/31/07	05/31/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-12	5	it	11	п	II	
Surrogate: Dibromofluoromethane		96 %	75-12	0	n	11	n	11	
Surrogate: Toluene-d8		96 %	80-12	0	n	er e	n	n	
Surrogate: 4-Bromofluorobenzene		95 %	60-13	5	п	n	n	u	
MW-9 (MQE0882-04) Water Sampled: 05/22/	07 07:18	Received:	05/22/07 2	2:10					
Gasoline Range Organics (C4-C12) 16	000	2500	ug/l	50	7E31003	05/31/07	05/31/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-12.	5	11	"	"	n	
Surrogate: Dibromofluoromethane		98 %	75-12	0	"	"	"	n	
Surrogate: Toluene-d8		99 %	80-12	0	11	"	n .	"	
Surrogate: 4-Bromofluorobenzene		92 %	60-13.	5	11	n	n	tt	





Project: BP Heritage #11132, Oakland, CA

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	d: 05/22/07 06:36				5412.	rrepared	- Tomiyeed	With the state of	Holes
Gasoline Range Organics (C4-C12)	13000	1000	ug/l	20	7F05002	06/05/07	06/05/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		106 %	60	125	"	"	"	11	
Surrogate: Dibromofluoromethane		97%	75-	120	н	n	n	n	
Surrogate: Toluene-d8		100 %	80-	120	rt	n	"	11	
Surrogate: 4-Bromofluorobenzene		102 %	60-	135	"	"	"	n	





Project: BP Heritage #11132, Oakland, CA

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

MW-2 (MQE0882-01) Water Sampled: 05/22/07 07:12 Received: 05/22/07 22:10 tert-Amyl methyl ether ND 250 ug/l 500 7E31003 05/31/07 05/31/	/07 EPA 8260B
tert-Amyl methyl ether ND 250 ug/l 500 7E31003 05/31/07 05/31	/07 EPA 8260B
· · ·	R
Benzene 15000 250 " " " "	
tert-Butyl alcohol ND 10000 " " " "	н
Di-isopropyl ether ND 250 " " " "	н
1,2-Dibromoethane (EDB) ND 250 " " " "	И
1,2-Dichloroethane ND 250 " " " " "	н
Ethanol ND 150000 " " " " "	#1
Ethyl tert-butyl ether ND 250 " " " "	н
Ethylbenzene 4700 250 " " " "	U
Methyl tert-butyl ether 1000 250 " " " "	a
Toluene 8700 250 " " " "	U
Xylenes (total) 20000 250 " " " "	u
Surrogate: Dibromofluoromethane 101 % 75-120 " " "	o
Surrogate: 1,2-Dichloroethane-d4 99 % 60-125 " " "	н
Surrogate: Toluene-d8 100 % 80-120 " " "	и
Surrogate: 4-Bromofluorobenzene 97 % 60-135 " " "	n
MW-5 (MQE0882-02) Water Sampled: 05/22/07 05:46 Received: 05/22/07 22:10	
tert-Amyl methyl ether ND 2.5 ug/l 5 7F01004 06/01/07 06/01/	/07 EPA 8260B
tert-Butyl alcohol ND 100 " " " " "	D
Di-isopropyl ether ND 2.5 " " " "	n .
1,2-Dibromoethane (EDB) ND 2.5 " " " "	н
1,2-Dichloroethane ND 2.5 " " " "	п
Ethanol ND 1500 " " " " "	н
Ethyl tert-butyl ether ND 2.5 " " " "	н
Ethylbenzene 74 2.5 " " " "	et .
Methyl tert-butyl ether 26 2.5 " " " "	U
Toluene 8.8 2.5 " " " "	ij
Xylenes (total) 100 2.5 " " " "	D
Surrogate: Dibromofluoromethane 101 % 75-120 " " "	"
Surrogate: 1,2-Dichloroethane-d4 92 % 60-125 " " "	"
Surrogate: Toluene-d8 98 % 80-120 " " "	rr .
Surrogate: 4-Bromofluorobenzene 94 % 60-135 " " "	"





Project: BP Heritage #11132, Oakland, CA

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

Angleta	D14	Reporting	TTota	F3/1	D-4-b	n d	A1		37.
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-5 (MQE0882-02RE1) Water	r Sampled: 05/22/07 05	5:46 Recei	ived: 05/.	22/07 22:10)				
Benzene	660	10	ug/l	20	7F01004	06/01/07	06/01/07	EPA 8260B	
Surrogate: Dibromofluoromethane		100 %	<i>75</i> -	120	n	tt .	n	н	
Surrogate: 1,2-Dichloroethane-d4		104 %	60-	125	н	Ħ	н	и	
Surrogate: Toluene-d8		95 %	80-	120	u	n	n	**	
Surrogate: 4-Bromofluorobenzene		98 %	60-	135	rt	**	,,	"	
MW-8 (MQE0882-03) Water S	ampled: 05/22/07 06:37	Received:	05/22/01	7 22:10					
tert-Amyl methyl ether	ND	10	ug/l	20	7E31003	05/31/07	05/31/07	EPA 8260B	
Benzene	370	10	Ð	Ü	п	п	19	U	
tert-Butyl alcohol	ND	400	O	u	п	'n	14	U	
Di-isopropyl ether	ND	10	"	u	н	н	IP.	II .	
1,2-Dibromoethane (EDB)	ND	10	II .	IJ	н	Ħ	,,	U	
1,2-Dichloroethane	ND	10	U	ш	и	Ħ	It	II.	
Ethanol	ND	6000	U	0	11	п	It	ij	
Ethyl tert-butyl ether	ND	10	"	Ø	*1	#	It	U	
Ethylbenzene	760	10	11	n	ti .	et e	h	ı,	
Methyl tert-butyl ether	11	10	14	17	(I	11	11	P	
Toluene	51	10	lt	И	ø	U	n n	H .	
Xylenes (total)	1600	10	Л	Д	11	D		П	
Surrogate: Dibromofluoromethane		96 %	75-	120	"	"	n	"	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-	125	n	"	n	11	
Surrogate: Toluene-d8		96 %	80-	120	n	u	"	11	
Surrogate: 4-Bromofluorobenzene		95 %	60-	135	u	"	"	"	
MW-9 (MQE0882-04) Water S	ampled: 05/22/07 07:18	Received:	05/22/07	22:10					
tert-Amyl methyl ether	ND	25	ug/l	50	7E31003	05/31/07	05/31/07	EPA 8260B	······································
Вепzепе	80	25	14	IT.	*1	n	11	B	
tert-Butyl alcohol	ND	1000	P	I#	ti.	0	*1	II.	
Di-isopropyl ether	ND	25	It	It	"	U	11	11	
1,2-Dibromoethane (EDB)	ND	25	18	It	ti.	U	*1	1)	
1,2-Dichloroethane	ND	25	It	II	u	ti	*1	II .	
Ethanol	ND	15000	R	IF	ii	U	ŧı	11	
Ethyl tert-butyl ether	ND	25		И	0	U	п	U	
Ethylbenzene	460	25	II	II	H	D	H	n n	
Methyl tert-butyl ether	ND	25	It	H	n	"	er e	H	
Toluene	ND	25	И	н	0	U	n	If .	
Xylenes (total)	1200	25	lt	И	0	п	a	I†	
Surrogate: Dibromofluoromethane		98 %	75-	120	н	n	11	"	





Project: BP Heritage #11132, Oakland, CA

Project Number: G07TS-0030

Project Manager: Jay Johnson

MQE0882 Reported: 06/08/07 17:30

Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-9 (MQE0882-04) Water	Sampled: 05/22/07 07:18	Received:	05/22/07	22:10					
Surrogate: 1,2-Dichloroethane-d	4	95 %	60-	125	7E31003	05/31/07	05/31/07	EPA 8260B	
Surrogate: Toluene-d8		99 %	80-	120	,,	"	"	**	
Surrogate: 4-Bromofluorobenzen	e	92 %	60-	135	11	"	"	#	
MW-10 (MQE0882-05) Water	Sampled: 05/22/07 06:36	Received	1: 05/22/0	7 22:10					
tert-Amyl methyl ether	ND	10	ug/l	20	7F05002	06/05/07	06/05/07	EPA 8260B	
Benzene	810	10	15	#1	11	It	н	t t	
tert-Butyl alcohol	ND	400	н	*1	0	н	н	U	
Di-isopropyl ether	ND	10	If	†I	U	н	И	It.	
1,2-Dibromoethane (EDB)	ND	10	II	łı	I)	н)ı	I†	
1,2-Dichloroethane	ND	10	И	n	H	н	Ħ	н	
Ethanol	ND	6000	н	U	H	н	*1	II.	
Ethyl tert-butyl ether	ND	10	И	0	It	н	Ħ	н	
Ethylbenzene	750	10	*1	U	и	H	u	n .	
Methyl tert-butyl ether	15	10	**	0	н	*1	U	н	
Toluene	130	10	tt	H	11	#1	п	н	
Xylenes (total)	2200	10	н	н	н	Ű	11	п	
Surrogate: Dibromofluoromethan	пе	97 %	75-	120	n	"	n	"	
Surrogate: 1,2-Dichloroethane-d	4	106 %	60-	125	n	**	"	n	
Surrogate: Toluene-d8		100 %	80-	120	"	n	"	11	
Surrogate: 4-Bromofluorobenzen	e	102 %	60-	135	**	n	"	11	





Project: BP Heritage #11132, Oakland, CA

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E31003 - EPA 5030B P/T /	LUFT GCMS									
Blank (7E31003-BLK1)				Prepared	& Analyzo	ed: 05/31/	07			
Gasoline Range Organics (C4-C12)	ND	50	ug/l	<u> </u>				***************************************	*************************************	
Surrogate: 1,2-Dichloroethane-d4	2.46		v	2.50		98	60-125		******	
Surrogate: Dibromofluoromethane	2,52		#	2.50		101	75-120			
Surrogate: Toluene-d8	2.53		"	2.50		101	80-120			
Surrogate: 4-Bromofluorobenzene	2.25		"	2.50		90	60-135			
Laboratory Control Sample (7E31003-	BS2)			Prepared a	& Analyze	ed: 05/31/0	07			
Gasoline Range Organics (C4-C12)	452	50	ug/l	500		90	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.42	******	n	2.50		97	60-125			
Surrogate: Dibromofluoromethane	2,43		"	2.50		97	75-120			
Surrogate: Toluene-d8	2.53		"	2.50		101	80-120			
Surrogate: 4-Bromofluorobenzene	2,40		n	2.50		96	60-135			
Laboratory Control Sample Dup (7E31	(003-BSD2)			Prepared o	& Analyze	ed: 05/31/0	07			
Gasoline Range Organics (C4-C12)	454	50	ug/i	500		91	65-120	0.4	20	
Surrogate: 1,2-Dichloroethane-d4	2.66		"	2.50		106	60-125	······································		
Surrogate: Dibromofluoromethane	2.35		"	2.50		94	75-120			
Surrogate: Toluene-d8	2.46		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.64		"	2.50		106	60-135			
Batch 7F01004 - EPA 5030B P/T /	LUFT GCMS									
Blank (7F01004-BLK1)				Prepared o	& Analyze	:d: 06/01/0	07			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.66		11	2,50	***************************************	106	60-125			
Surrogate: Dibromofluoromethane	2.47		"	2,50		99	75-120			
Surrogate: Toluene-d8	2.41		"	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.48		rr	2.50		99	60-135			





Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Project: BP Heritage #11132, Oakland, CA

MQE0882 Reported: 06/08/07 17:30

Project Number: G07TS-0030 Cameron Park CA, 95682 Project Manager: Jay Johnson

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	T Taules	Spike	Source	WARC	%REC	ti Diro	RPD	NI_1
rumyte	Result	cmill	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7F01004 - EPA 5030B P/T /	LUFT GCMS									
Laboratory Control Sample (7F01004-	-BS2)			Prepared of	& Analyze	ed: 06/01/	07			
Gasoline Range Organics (C4-C12)	415	50	ug/l	500		83	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.37		tt	2.50		95	60-125			
Surrogate: Dibromofluoromethane	2.46		n	2.50		98	75-120			
Surrogate: Toluene-d8	2.42		17	2.50		97	80-120			
Surrogate: 4-Bromofluorobenzene	2.56		"	2.50		102	60-135			
Laboratory Control Sample Dup (7F0	1004-BSD2)			Prepared o	& Analyze	d: 06/01/0	07			
Gasoline Range Organics (C4-C12)	429	50	ug/l	500		86	65-120	3	20	
Surrogate: 1,2-Dichloroethane-d4	2.46)[2.50		98	60-125			
Surrogate: Dibromofluoromethane	2.42		17	2.50		97	75-120			
Surrogate: Toluene-d8	2.40		D	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.53		If	2.50		101	60-135			
Batch 7F05002 - EPA 5030B P/T /	LUFT GCMS									
Blank (7F05002-BLK1)				Prepared o	& Analyze	ed: 06/05/0	07			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.69		11	2.50		108	60-125		, ,	
Surrogate: Dibromofluoromethane	2.51		17	2,50		100	75-120			
Surrogate: Toluene-d8	2.41		U	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.23		u	2.50		89	60-135			
Laboratory Control Sample (7F05002-	-BS2)			Prepared a	& Analyze	ed: 06/05/0	07			
Gasoline Range Organics (C4-C12)	442	50	ug/l	500		88	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.66		11	2.50	·····	106	60-125			
Surrogate: Dibromofluoromethane	2.47		"	2.50		99	75-120			
Surrogate: Toluene-d8	2.52		"	2.50		101	80-120			
Surrogate: 4-Bromofluorobenzene	2.56		**	2.50		102	60-135			





Project: BP Heritage #11132, Oakland, CA

MQE0882 Reported:

Project Number: G07TS-0030 Project Manager: Jay Johnson

06/08/07 17:30

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 7F05002 - EPA 5030B P/T / LUFT GCMS

Laboratory Control Sample Dup (7F05002-BSD2)									
Gasoline Range Organics (C4-C12)	444	50	ug/l	500	89	65-120	0,5	20	
Surrogate: 1,2-Dichloroethane-d4	2.76	***************************************	н	2.50	110	60-125		***************************************	
Surrogate: Dibromofluoromethane	2.48		n	2.50	99	75-120			
Surrogate: Toluene-d8	2.52		"	2.50	101	80-120			
Surrogate: 4-Bromofluorobenzene	2.45		"	2.50	98	60-135			





Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Project: BP Heritage #11132, Oakland, CA

Snike

Level

10.0

10,0

200

10.0

10.0

10.0

10.0

30.0

2.50

2.50

2.50

2.50

Source

Result

%REC

110

113

92

108

98

108

108

99

94

108

99

94

80-135

70-125

15-150

65-130

75-120

50-140

75-120

75-120

75-120

60-125

80-120

60-135

MQE0882 Reported: 06/08/07 17:30

RPD

Limit

Notes

%REC

Limits

RPD

Cameron Park CA, 95682

Analyte

Project Number: G07TS-0030 Project Manager: Jay Johnson

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Units

Reporting

Limit

0.50

0.50

300

0.50

0.50

0.50

0.50

0.50

11.0

11.3

184

10.8

9.76

10.8

10.8

29.8

2,34

2.69

2.48

2.34

Result

Blank (7E31003-BLK1)		Prepared & Analyzed: 05/31/07								
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	11							
tert-Butyl alcohol	ND	5.0	If							
Di-isopropyl ether	ND	0.50	It							
1,2-Dibromoethane (EDB)	ND	0.50	ч							
1,2-Dichloroethane	ND	0.50	μ							
Ethanol	ND	300	и							
Ethyl tert-butyl ether	ND	0.50	#1							
Ethylbenzene	ND	0.50	ŧı							
Methyl tert-butyl ether	ND	0.50	H							
Toluene	ND	0.50	ti							
Xylenes (total)	ND	0.50	u							
Surrogate: Dibromofluoromethane	2.52		u	2,50	101	75-120				
Surrogate: 1,2-Dichloroethane-d4	2.46		H	2.50	98	60-125				
Surrogate: Toluene-d8	2.53		н	2.50	101	80-120				
Surrogate: 4-Bromofluorobenzene	2.25		"	2.50	90	60-135				
Laboratory Control Sample (7E31003-BS1)				Prepared & Ar	nalyzed: 05/31/	07				
tert-Amyl methyl ether	11.2	0.50	ug/i	10,0	112	65-135				
Benzene	9.95	0.50	II.	10.0	100	75-120				
tert-Butyl alcohol	193	5.0	"	200	96	60-135				
Di-isopropyl ether	9.79	0.50	п	10.0	98	70-130				

1,2-Dibromoethane (EDB)

1,2-Dichloroethane

Ethyl tert-butyl ether

Methyl tert-butyl ether

Surrogate: Toluene-d8

Surrogate: Dibromofluoromethane

Surrogate: 1,2-Dichloroethane-d4

Surrogate: 4-Bromofluorobenzene

Ethylbenzene

Xylenes (total)

Ethanol

Toluene





Project: BP Heritage #11132, Oakland, CA

Spike

Source

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

RPD

%REC

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7E31003 - EPA 5030B P/T / E	EPA 8260B									
Matrix Spike (7E31003-MS1)	Source: MQ	E0734-20		Prepared	& Analyze					
tert-Amyl methyl ether	11.9	0.50	ug/l	10.0	ND	119	65-135			
Benzene	10.4	0.50	"	10.0	ND	104	75-120			
ert-Butyl alcohol	209	5.0	п	200	10	100	60-135			
Di-isopropyl ether	10.5	0.50	#1	10.0	ND	105	70-130			
,2-Dibromoethane (EDB)	12.5	0.50	"	10.0	ND	125	80-135			
,2-Dichloroethane	12.1	0.50	U	10.0	ND	121	70-125			
Ethanol	198	300	It	200	ND	99	15-150			
Ethyl tert-butyl ether	11.8	0.50	If	10.0	ND	118	65-130			
Ethylbenzene	9.82	0.50	н	10.0	ND	98	75-120			
Methyl tert-butyl ether	17.4	0.50	и	10.0	5.1	123	50-140			
oluene	11.3	0.50	H	10.0	ND	113	75-120			
(ylenes (total)	30.6	0.50	Ħ	30.0	ND	102	75-120			
urrogate: Dibromofluoromethane	2.46		и	2.50		98	75-120			
urrogate: 1,2-Dichloroethane-d4	2,60		n	2.50		104	60-125			
'urrogate: Toluene-d8	2.53		v	2.50		101	80-120			
urrogate: 4-Bromofluorobenzene	2.38		"	2.50		95	60-135			
Astrix Spike Dup (7E31003-MSD1)	Source: MQ	E0734-20		Prepared	& Analyze					
ert-Amyl methyl ether	11,4	0.50	ug/l	10.0	ND	114	65-135	4	25	
Benzene	10.2	0.50	H	10.0	ND	102	75-120	2	20	
ert-Butyl alcohol	211	5.0	0	200	10	100	60-135	l	25	
Di-isopropyl ether	9.83	0.50	19	10.0	ND	98	70-130	7	25	
,2-Dibromoethane (EDB)	11.6	0.50	19	10.0	ND	116	80-135	7	30	
,2-Dichloroethane	11.5	0.50	It	10.0	ND	115	70-125	5	25	
ithanol	183	300	н	200	ND	92	15-150	8	25	
thyl tert-butyl ether	11.0	0.50	"	10.0	ND	110	65-130	7	25	
Ethylbenzene	10.4	0.50	#	0.01	ND	104	75-120	6	20	
Methyl tert-butyl ether	16.3	0.50	Ħ	10.0	5 .1	112	50-140	7	25	
oluene	10.8	0.50	Ħ	10.0	ND	108	75-120	5	25	
(ylenes (total)	29.7	0.50	Ø	30.0	ND	99	75-120	3	20	
urrogate: Dibromofluoromethane	2.46		#	2.50		98	75-120		***************************************	
urrogate: 1,2-Dichloroethane-d4	2.53		"	2.50		101	60-125			
lurrogate: Toluene-d8	2.50		"	2.50		100	80-120			
	2 40					4.0-				

2.50

2.68

Surrogate: 4-Bromofluorobenzene

60-135

107





Analyte

Project: BP Heritage #11132, Oakland, CA

Spike

Level

Source

Result

%REC

%REC

Limits

RPD

Project Number: G07TS-0030 Project Manager: Jay Johnson

MQE0882 Reported: 06/08/07 17:30

Notes

RPD

Limit

Result

2.51

Reporting

Limit

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Blank (7F01004-BLK1)				Prepared & An	alyzed: 06/01/	07
tert-Amyl methyl ether	ND	0.50	ug/l	-		
Benzene	ND	0.50	o			
tert-Butyl alcohol	ND	5.0	e			
Di-isopropyl ether	ND	0.50	R			
1,2-Dibromoethane (EDB)	ND	0.50	и			
1,2-Dichloroethane	ND	0.50	н			
Ethanol	ND	300	н			
Ethyl tert-butyl ether	ND	0.50	п			
Ethylbenzene	ND	0.50	II			
Methyl tert-butyl ether	ND	0.50	п			
Toluene	ND	0.50	п			
Xylenes (total)	ND	0.50	И			
Surrogate: Dibromofluoromethane	2.47		"	2.50	99	75-120
Surrogate: 1,2-Dichloroethane-d4	2.66		II	2.50	106	60-125
Surrogate: Toluene-d8	2.41		n	2.50	96	80-120
Surrogate: 4-Bromofluorobenzene	2.48		"	2.50	99	60-135
Laboratory Control Sample (7F01004-	-BS1)			Prepared & An	alyzed: 06/01/	07
tert-Amyl methyl ether	9.77	0.50	ug/l	10.0	98	65-135
Benzene	9.45	0.50	'n	10.0	94	75-120
tert-Butyl alcohol	201	5.0	n	200	100	60-135
Di-isopropyl ether	9.81	0.50	11	10.0	98	70-130
1,2-Dibromoethane (EDB)	10.2	0.50	e	10.0	102	80-135
1,2-Dichloroethane	9.80	0.50	н	10.0	98	70-125
Ethanol	203	300	Ð	200	102	15-150
Ethyl tert-butyl ether	9.71	0.50	t)	10.0	97	65-130
Ethylbenzene	10,2	0.50	H	10.0	102	75-120
Methyl tert-butyl ether	9.87	0.50	P	10.0	99	50-140
Foluene	9.59	0.50	R	10.0	96	75-120
Xylenes (total)	30,2	0.50	и	30.0	101	75-120
Surrogate: Dibromofluoromethane	2.57		"	2,50	103	75-120
Surrogate: 1,2-Dichloroethane-d4	2.38		"	2,50	95	60-125
Surrogate: Toluene-d8	2.38		"	2.50	95	80-120

2.50

Surrogate: 4-Bromofluorobenzene

60-135

100





Project: BP Heritage #11132, Oakland, CA

Spike

Source

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

RPD

%REC

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Reporting

Analyte	Result	Reporting	11.20.	Spike	D1	n/nco	70REC	DDD	КUÐ	N 1
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7F01004 - EPA 5030B P/T / E	PA 8260B									
Matrix Spike (7F01004-MS1)	Source: M	QE0882-02		Prepared	& Analyze	ed: 06/01/	07			
tert-Amyl methyl ether	49.8	2.5	ug/l	50.0	ND	100	65-135			
Benzene	481	2.5	н	50.0	480	2	75-120			MH.
tert-Butyl alcohol	1030	25	*1	1000	68	96	60-135			
Di-isopropyl ether	49.4	2.5	#1	50.0	ND	99	70-130			
1,2-Dibromoethane (EDB)	52.1	2.5	ø	50.0	ND	104	80-135			
1,2-Dichloroethane	49.6	2.5	*1	50.0	ND	99	70-125			
Ethanol	938	1500	0	1000	ND	94	15-150			
Ethyl tert-butyl ether	49.2	2.5	ø	50.0	ND	98	65-130			
Ethylbenzene	115	2.5	"	50.0	74	82	75-120			
Methyl tert-butyl ether	74.4	2.5	41	50.0	26	97	50-140			
Toluene	54.6	2.5	11	50.0	8.8	92	75-120			
Xylenes (total)	239	2,5	ti	150	100	93	75-120			
Surrogate: Dibromofluoromethane	2.53		n	2,50		101	75-120		***************************************	**************************************
Surrogate: 1,2-Dichloroethane-d4	2.41		H	2,50		96	60-125			
Surrogate: Toluene-d8	2.46		**	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.56		"	2.50		102	60-135			
Matrix Spike Dup (7F01004-MSD1)	Source: M	QE0882-02		Prepared	& Analyze	ed: 06/01/	07			
tert-Amyl methyl ether	51.8	2.5	ug/l	50.0	ND	104	65-135	4	25	
Benzene	477	2.5	н	50.0	480	0	75-120	0.8	20	MH
tert-Butyl alcohol	1080	25	ħ	1000	68	101	60-135	5	25	
Di-isopropyl ether	52.8	2.5	11	50.0	ND	106	70-130	7	25	
1,2-Dibromoethane (EDB)	54.0	2,5	ø	50.0	ND	108	80-135	4	30	
1,2-Dichloroethane	53,0	2.5	U	50.0	ND	106	70-125	7	25	
Ethanol	896	1500	0	1000	ND	90	15-150	5	25	
Ethyl tert-butyl ether	52.4	2.5	o	50.0	ND	105	65-130	6	25	
Ethylbenzene	115	2.5	o	50.0	74	82	75-120	0	20	
Methyl tert-butyl ether	79.0	2.5	o	50.0	26	106	50-140	6	25	
Toluene	55.1	2.5	e	50.0	8.8	93	75-120	0.9	25	
Xylenes (total)	238	2.5	*	150	100	92	75-120	0.4	20	
Surrogate: Dibromofluoromethane	2.59		н	2.50		104	75-120	<u></u>		
Surrogate: 1,2-Dichloroethane-d4	2.66		"	2.50		106	60-125			
Surrogate: Toluene-d8	2.52		"	2.50		101	80-120			
Surrogate: 4-Bromofluorobenzene	2.65		H	2.50		106	60-135			





Project: BP Heritage #11132, Oakland, CA

Spike

Source

%REC

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7F05002 - EPA 5030B P/T / EPA	8260B									
Blank (7F05002-BLK1)				Prepared a	& Analyze	:d: 06/05/0)7			
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	и							
tert-Butyl alcohol	ND	5.0	ji .							
Di-isopropyl ether	ND	0.50	н							
1,2-Dibromoethane (EDB)	ND	0.50	н							
1,2-Dichloroethane	ND	0.50	*1							
Ethanol	ND	300	łı							
Ethyl tert-butyl ether	ND	0.50	Ħ							
Ethylbenzene	ND	0.50	u							
Methyl tert-butyl ether	ND	0.50	U							
Toluene	ND	0.50	H							
Xylenes (total)	ND	0.50	If							
Surrogate: Dibromofluoromethane	2.51		п	2,50		100	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.69		rr .	2.50		108	75-120			
Surrogate: Toluene-d8	2.41		"	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.23		"	2.50		89	60-135			
Laboratory Control Sample (7F05002-BS1)				Prepared a	& Analyze	:d: 06/05/0)7			
tert-Amyl methyl ether	11.2	0.50	ug/l	10.0		112	65-135			
Benzene	10.4	0.50	U	10.0		104	75-120			
tert-Butyl alcohol	197	5.0	н	200		98	60-135			
Di-isopropyl ether	10.4	0.50	н	10.0		104	70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	H	10.0		108	80-135			
1,2-Dichloroethane	10.8	0.50	H	10.0		108	70-125			
Ethanol	160	300	17	200		80	15-150			
Ethyl tert-butyl ether	10.9	0.50	H	10.0		109	65-130			
Ethylbenzene	10.6	0.50	e	10.0		106	75-120			
Methyl tert-butyl ether	10.9	0.50	11	10.0		109	50-140			
Foluene	10.7	0.50	I+	10.0		107	75-120			
Xylenes (total)	32.1	0.50	H	30.0		107	75-120			
Surrogate: Dibromofluoromethane	2.59		"	2.50		104	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.75		"	2.50		110	75-120			
Surrogate: Toluene-d8	2.57		rr .	2.50		103	80-120			
Surrogate: 4-Bromofluorobenzene	2.54		"	2.50		102	60-135			





Project: BP Heritage #11132, Oakland, CA

Spike

Source

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

RPD

%REC

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7F05002 - EPA 5030B P/T / E	PA 8260B									
Matrix Spike (7F05002-MS1)	Source: MQ	F0070-03		Prepared	& Analyz	ed: 06/05/	07			
tert-Amyl methyl ether	11.0	0.50	ug/l	10.0	ND	110	65-135		······································	
Вепхепе	10.3	0.50	н	10.0	ND	103	75-120			
tert-Butyl alcohol	197	5.0	#1	200	ND	98	60-135			
Di-isopropyl ether	10.4	0.50	tt	10.0	ND	104	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	U	0.01	ND	105	80-135			
1,2-Dichloroethane	10.7	0.50	U	10.0	0.16	105	70-125			
Ethanol	157	300	ю	200	ND	78	15-150			
Ethyl tert-butyl ether	10.8	0.50	It	10.0	ND	108	65-130			
Ethylbenzene	10.5	0.50	п	10.0	ND	105	75-120			
Methyl tert-butyl ether	12.0	0.50	п	10.0	1.4	106	50-140			
Toluene	10.3	0.50	н	10.0	ND	103	75-120			
Xylenes (total)	31.9	0.50	*1	30.0	ND	106	75-120			
Surrogate: Dibromofluoromethane	2.56		11	2.50		102	75-120		***************************************	
Surrogate: 1,2-Dichloroethane-d4	2.63		n	2.50		105	75-120			
Surrogate: Toluene-d8	2.44		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	60-135			
Matrix Spike Dup (7F05002-MSD1)	Source: MQ	F0070-03		Prepared a	& Analyze	ed: 06/05/	07			
tert-Amyl methyl ether	11.0	0,50	ug/l	10.0	ND	110	65-135	0	25	
Benzene	10.2	0.50	17	10.0	ND	102	75-120	1	20	
tert-Butyl alcohol	191	5.0	ij	200	ND	96	60-135	3	25	
Di-isopropyl ether	10.4	0.50	e	10.0	ND	104	70-130	0	25	
1,2-Dibromoethane (EDB)	10.6	0.50	tt	10.0	ND	106	80-135	0.9	30	
1,2-Dichloroethane	10.7	0.50	I)	10.0	0.16	105	70-125	0	25	
Ethanol	159	300	H	200	ND	80	15-150	1	25	
Ethyl tert-butyl ether	10.8	0.50	H	10.0	ND	108	65-130	0	25	
Ethylbenzene	10.5	0.50	и	10.0	ND	105	75-120	0	20	
Methyl tert-butyl ether	12.3	0.50	п	10.0	1.4	109	50-140	2	25	
Toluene	10.4	0.50	"	10.0	ND	104	75-120	1	25	
Xylenes (total)	31.8	0.50	11	30.0	ND	106	75-120	0.3	20	
Surrogate: Dibromofluoromethane	2.63		11	2,50		105	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.70		н	2,50		108	75-120			
Surrogate: Toluene-d8	2.46		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.55		n	2.50		102	60-135			





Project: BP Heritage #11132, Oakland, CA

Project Number: G07TS-0030 Project Manager: Jay Johnson MQE0882 Reported: 06/08/07 17:30

Notes and Definitions

MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See

Blank Spike (LCS).

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

age (of .	i	

Atlar Rick Com	ntic
Rich	nfield
Com	pany

A BP affiliated company

Chain of Custody Record

Project Name:

ARCO 11132

BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > Alameda > 11132 | Sky Conditions: Clear

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

Sta TAT

On-site Time: 0424 Temp: Mid 40's
Off-site Time: 0840 Temp: for 605
Sky Conditions: Clear
Meteorological Events:
Wind Speed: Direction:

Lab Name: TestAmerica		BP/AR Facility No.:	:			1132							Co	sultar	ıt/Co	ntrac	tor:	Sı	tratus Env	ironmen	tal Inc	····
Address: 885 Jarvis Drive	1	BP/AR Facility Add	ircss	:	320	35th	Ave., (Dakla	ınd					iress:								
Morgan Hill, CA 95937	┸	Site Lat/Long:																Cameron Park Drive, Suite 550 eron Park, CA 95682				
Lab PM: Lisa Race	L	California Global ID	No	.:	T06	00100	213						Cor	sultar			tor Pro			E11132	-04	
Tele/Fax: 408-782-8156 408-782-6308 (fnx)	1	Enfos Project No.:			G07	TS-00	30										tor PN			Jay Johr		·
BP/AR PM Contact: Paul Supple		Provision or OOC (circ	le one)	P	rovisio	n					Tel	/Fax:		(530) 676	-600	0 / (530)			
Address: 2010 Crow Canyon Place, Suite 150	1	Phase/WBS;		04-N	lonit	oring											Level:				with EDF	
San Ramon, CA		Sub Phase/Task:		03-A	naly	tical													stratusi			
Tele/Fax: 925-275-3506	<u> </u>	Cost Element:		01-C	ontr	ictor la	bor										Rich					
Lab Bottle Order No: Matri	X .				Pi	eserv	ative					Reque	sted A	nalysi	iş		·		· 			
Item Sample Description Time Soil/Solid Water/Liquid		Laboratory No.	No. of Containers	Unpreserved	H ₂ SO ₄	HNO,			GRO/BTEX/Oxy*	1.2.DCA	Ethanol	ЕДВ	DRO							Com *O	t Lat/Lon ments xy = ETBE,DI	
1 MW-1 Not-Sampled - 05/22 -X	┿		-	-	\exists	>	\leftarrow	\vdash	X	x	$\frac{1}{x}$	- X	1						411	4. 0	264	
2 MW-2 - 0712		- 01	3			1		\top	X	x		-	\top		-	\dashv	-	∸╟─	7-1/1	6y 8	460	<u>.</u>
3 MW-5 . 0546		-> Z	6							x	1	x	T				\top					
4 MW-8 - 0637		، 2° –	3						х	X	х	x										
5 MW-9 - 6718			3						 	x			+	-	\dashv	$\neg \dagger$	-	╢				
6 MW-10 - 0636	 		3		_		+		11	 	${ o}$	**	+	\dashv		\dashv		╢				
	-				-			-	X_	X	X	х			_			-∥-				
7 RW-1 Not Sampled						\mathbb{Z}			X	X	X	X					上	Ⅎ┖				
8						l_										1		-				-
9 TB-11132-05222007 - 0570 9722 X	┝╌		_		4	_ _												J.,	OLD			
10 .							1	П	\vdash	┢	1	1	1	\dashv	+	_		- ``	<u> </u>	·	-	
Sampler's Name: G. Wilkins		Belinqui	<u>i</u> Sher	Bv/	Affili	ation			Б	ate	╁	Time	1				ad P	<u> </u>	tax		TI = .	
Sampler's Company: Stratus	_	12-1	77	11,	Ø,	/-		_	65/2		╬	0340	 	w		_	ed By				Date	Time
Shipment Date: 05-22-07	_		6						7.5	701	Ή—	- 2 10	10	w.		7	NK	auc	0-		7240	0840
Shipment Method: Stratus	\neg	David Q.	M	001	,				05/	m/.	┰	1034	10				7	<i>\</i>	-		E-Jac l	1.00
hipment Tracking No:			لل	10	Y			-	54	ر احد	1 2	1750	(T)		7.1	/	באה המקיר	<u> </u>				1750
Instructions: Please cc results to rmiller	(P) bu	ondbentinc.com	:		-1		·			1	<u> </u>	. () =		TUL	<u></u>	N.					5/9	
		Wary.	T	400					5/2	Ule	2	2215		1.00	<u>\/</u>	1 40	1				- / -	_ 410
stody Seals In Place: Yes / No Temp Blank:	Yes	/No Coole				eceipt		_°F/				ip Blank:	es/N	lo	Ī	MS/	MSD	Sam	ple Subr	nitted:	Yes / No	
	Ü							-					/								5 10/12/	·

TEST AMERICA SAMPLE RECEIPT LOG

WORKORDER: POSE 1887 DATE LOGGED IN: \$1234/27 DRINKING WATER YES I NO WASTE WATER YES INDICATED AND WATER YES I NO WATER YES I NO WATER YES INDICATED AND WATER	CLIENT NAME:	ARCO 11132		DATE REC'D AT LAB:	·· 5./2765	7			Enc Darmi	The same of the sa
WORKORDER: DIECH THE APPROPRIATE RESPONSE CIRCLE THE APPROPRIATE RESPONSE 1. Custody Seal(a) Present / Abden Intel of Proken 1. Custody Seal(a) Present / Abden Intel of Proken 2. Chain-of-Custody Present / Abden 3. Traffic Reports or Packing List: Present / Abden 4. Airbit: Airbit! Sincker Present / Abden 5. Airbit! Airbit! Sincker Present / Abden 5. Airbit! Airbit! Sincker Present / Abden 6. Airbit! Airbit! Sincker Present / Abden 7. Sample Lobels: Propent / Abden 5. Sample Lobels: Proper preservatives used? Proper prese		THIENG.	·		797	10	•			
CIRCLE THE APPROPRIATE RESPONSE LAD CLIENT ID CONTAINER PRESER PRESER PRESER AATRIX SAMPLED CONTAINER PRESER PRESER PRESER AATRIX SAMPLED CONTAINER PRESER PRESER AATRIX SAMPLED CONTAINER PRESER PRESER AATRIX SAMPLED CONTAINER AATRIX SAMPLED CONT	WORKORDER:	MOE0882					•			
SAMPLE 8 CLIENT ID DESCRIPTION VATIVE PH MATRIX SAMPLE DATE REMARIAS: CONDITION (ETC.) Inlact / Broken* 2. Chain-of-Custody Préaght / Absent* 3 Treffic Reporte or Present / Abrent 4. Airbill: Airbill / Slicker Present / Abrent 5. Airbill / Broken* 5. Sample Labels: Pichent / Absent 6. Sample IDS: Lifel / Broken* 1. Leaking* 1. Does Information on chain-of-custody 1. Sample received within Indel lime? Sample received within Indel lime? Sample received within Indel lime? Trip Blank / Temp Blank Received? Sead Temp: Le Corrected temp 4 + /-2**C? Year Not* Scapplion (If any). METALS / DEF DNICE OF Problem COC METALS / DEF DNICE OCONTION (ETC.) RAMPLE DATE MATRIX SAMPLE DATE M		, , -					•		ANNOTE ANY	WIER AERINO
1. Custody Seal(a) Present / Absent Intect / Broken* Intert / Brok	CIRCLE THE APPRO	OPRIATE RESPONSE	LAD		T CONTAINED	1 20 20 20 1		· · · · · · · · · · · · · · · · · · ·		
1. Custody Sea(s) Present / Abgent Intact / Broken Intact / Br			SAMPLE /	CLIEHT ID			pH	1 :	i	
2. Chein-of-Custody Présignt / Absent 3. Traffic Reports or Present / Absent 4. Airbilt: Airbilt / Sincker Present / Absent 5. Airbilt # 3. Sample Labels: Progent / Absent 7. Sample Labels: Progent / Absent 7. Sample Condition: Infail / Broken* / Leaking 7. Does information on chain-of-custody, traffic reports and nample labels agree? 8. Sample received wilhin infoit time? 9. Sample received wilhin infoit	1. Custody Seal(s)	Present / Abgery				37.		MINTHUX	SAMPLED	CONDITION (ETC.)
3 Traffic Reports or Pocking List: Present / Abden A. Airbill: Airbill / Slicker Present / Abden 5. Airbill # 5. Sample Labels: Prigent / Absent 7. Sample IDs: Lided / Not Listert 9. Sample Candillion: In(a) / Broken / Leaking Does information on chain-of-custody, traffic reports and eample labeln agree? (a) I No Sample received within hold time? (b) / No Adequale sample volume received? (a) I No Proper preservatives used? (a) I No Trip Blank / Temp Blank Received? (so I No) Proper preservatives used? (a) I No Trip Blank / Temp Blank Received? (so I No) Proper preservatives used? (a) I No Sample received the price of the property of		Inlact / Broken		***************************************		 -				
Pecking List: Present / Absent A. Airbill: Airbill / Slicker Present / Absent D. Sample Labels: Propent / Absent D. Sample IDs: Listert / Not Listert On Chain-of-Custody Des information on chain-of-custody Leaking* Does information on chain-of-custody Leaking* Does information on chain-of-custody Leaking* Des information on chain-of-custody Leaking* Des information on chain-of-custody Leaking* Does information on chain-of-custody Leaking* Does information on chain-of-custody Leaking* Does information on chain-of-custody Leaking* Des information on chain-of-custody Des	2. Chain-of-Custody	Présent / Absent*								
1. Airbill: Airbill / Slicker Present / Ahr (Sin) 2. Sample IDs: Ligight / Not Lister on Chain-of-Custorly 2. Sample Condition: In (30) / Broken / Leaking* Does information on chain-of-custorly, traffic reports and aample labels agree? (en / No* Sample received within fold time? (e) / No* Adequate sample volume received? (e) / No* Proper preservatives used? (e) / No* Trip Blank / Temp Blank Received? (pircle which, if yes) Yes / No* Read Temp: L. G. C Corrected Temp: L. G. C Corrected Temp: L. G. C Corrected Temp: V Is corrected temp 4 + /-2°C7 (6a) / No* septence maps for samples requiring thermal pres) xception (if any): METALS / DFF ON ICE or Problem COC.	3 Traffic Reports or		· — — — — — — — — — — — — — — — — — — —							1_/
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Atlantic Richfield Company

A BP affiliated company

Chain of Custody Record

Project Name:

ARCO 11132

BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > Alameda > 11132

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

On-site Time: 0424	Temp: Mid 40's
Off-site Time: 0840	Temp:/000 605
Sky Conditions: Clear	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: TestAmerica Address: 885 Jarvis Drive BP/AR Facility No.: 11132 BP/AR Facility No.: 11132 BP/AR Facility Address: 3201 35th Ave., Oakland Address: 3330 Cameron Park Drive, Suite 550 Morgan Hill, CA 95937 Site Lat/Long: Cameron Park, CA 95682 Lab PM: Lisa Race California Global ID No.: T0600100213 Consultant/Contractor Project No.: E11132-04		
Address: 885 Jarvis Drive BP/AR Facility Address: 3201 35th Ave., Oakland Address: 3330 Cameron Park Drive, Suite 550 Morgan Hill, CA 95937 Site Lat/Long: Cameron Park, CA 95682 Lab PM: Lisa Race California Global ID No.: T0600100213 Consultant/Contractor Project No.: E11132-04		
Morgan Hill, CA 95937 Lab PM: Lisa Race Site Lat/Long: Cameron Park, CA 95682 California Global ID No.: T0600100213 Consultant/Contractor Project No.: E11132-04		
Lab PM: Lisa Race Consultant/Contractor Project No.: F11132-04		
Tele/Fax: 408-782-8156 408-782-6308 (fax) Enfos Project No.: G07TS-0030 Consultant/Contractor PM: Jay Johnson		
BP/AR PM Contact: Paul Supple Provision or OOC (circle one) Provision Tele/Fax: (530) 676-6000 / (530) 676-6005		
Address: 2010 Crow Canyon Place, Suite 150 Phase/WBS: 04-Monitoring Report Type & QC Level: Level 1 with E	ÓF	
San Ramon, CA Sub Phase/Task: 03-Analytical E-mail EDD To: shayes@stratusinc.net		_
Tele/Fax: 925-275-3506 Cost Element: 01-Contractor labor Invoice to: Atlantic Richfield Co.		
Lab Bottle Order No: Matrix Preservative Requested Analysis		
Item No. Sample Description No. Description No	-	
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2 MW-2 - 0712 - 01 3 X X X X		
3 MW-5 OSIB -2 6 XXXX		
4 MW-8 - 0637		
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pecial Instructions: Please cc results to rmiller@broadbentinc.com		ш0

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: REC. BY (PRINT) WORKORDER:	ARCO 11132 Juieng MRE0882		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	5,/21/67					Mory Purposes? WATER YES! NO
	PRIATE RESPONSE	LAD SAMPLE#	CLHEHT IQ	CONTAINER DESCRIPTION		рН	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Inlact / Broken								
2. Chain-of-Custody	Présènt / Absent*					<u>-</u>			
3 Traffic Reports or				·					1-/
Packing List:	Present / Abten)	***		·				m-\	
4. Airbill:	Airhill / Slicker						 !	-XVX	
	Present / Abitenh			·}				J\/	
5. Airbill #		··							
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Sample Condition:	In(ag) / Droken*/					//-			
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traffic reports and sa	unple labels							···	
agree?	(eg / Nn*					-			
Sample received within			· · · · · · · · · · · · · · · · · · ·	: //	·				
hold lime?	(eg / No"			/ 					
 Adequate sample volun 	ne					-			
received?	\@ / No*					-			
Proper preservatives us	sed? (es/No*								
3. Trip Blank / Temp Blank	k Received?								
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Is corrected temp 4 +/-:	2"C? (Pa)/No"								
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Page _____ of ____

27)6-26-07 11132 CHILL	Ochland	Arco	
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CONTRACTOR			

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APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

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:

11132

Facility Global ID:

T0600100213

Facility Name:

BP #11132

Submittal Date/Time:

7/25/2007 9:03:48 AM

Confirmation Number:

5902699351

Back to Main Menu

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

Your EDF file has been successfully uploaded!

Confirmation Number: 5303372085

Date/Time of Submittal: 7/3/2007 1:57:01 PM

Facility Global ID: T0600100213
Facility Name: BP #11132

Submittal Title: 2Q07 GW Monitoring **Submittal Type:** GW Monitoring Report

Click here to view the detections report for this upload.

BP #11132 Regional Board - Case #: 01-0227 3201 35TH SAN FRANCISCO BAY RWOCB (REGION 2) OAKLAND, CA 94619 Local Agency (lead agency) - Case #: RO0000014 ALAMEDA COUNTY LOP - (SP) QUARTER CONF# TITLE 5303372085 2Q07 GW Monitoring Q2 2007 SUBMITTED BY SUBMIT DATE STATUS PENDING REVIEW Broadbent & Associates, Inc. 7/3/2007 SAMPLE DETECTIONS REPORT # FIELD POINTS SAMPLED 5 # FIELD POINTS WITH DETECTIONS 5 # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL 5 WATER SAMPLE MATRIX TYPES METHOD QA/QC REPORT 8260FA,8260TPH METHODS USED TESTED FOR REQUIRED ANALYTES? Y LAB NOTE DATA QUALIFIERS QA/QC FOR 8021/8260 SERIES SAMPLES TECHNICAL HOLDING TIME VIOLATIONS n METHOD HOLDING TIME VIOLATIONS D LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT n LAB BLANK DETECTIONS 0 DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING? - LAB METHOD BLANK - MATRIX SPIKE N - MATRIX SPIKE DUPLICATE М - BLANK SPIKE Υ Υ - SURROGATE SPIKE WATER SAMPLES FOR 8021/8260 SERIES MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% Υ MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% Υ SURROGATE SPIKES % RECOVERY BETWEEN 85-115% Υ BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% Y

SOIL SAMPLES FOR 8021/8260 SERIES MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% 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 Ν 0

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.