RECEIVED

1:39 pm, May 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

24 April 2007

Re: First Quarter, 2007 Ground-Water Monitoring Report Atlantic Richfield Company Station #4931 731 West MacArthur Boulevard Oakland, California ACEH Case # RO000076

"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



First Quarter 2007 Ground-Water Monitoring Report Atlantic Richfield Company Station #4931 731 West MacArthur Boulevard 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

24 April 2007

Project No. 06-08-624

Broadbent & Associates, Inc. 1324 Mangrove Ave., Suite 212 Chico, CA 95926 Voice (530) 566-1400 Fax (530) 566-1401



24 April 2007

Project No. 06-08-624

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

Attn.: Mr. Paul Supple

Re:

First Quarter 2007 Ground-Water Monitoring Report, Atlantic Richfield Company (a BP affiliated company) Station #4931, 731 West MacArthur Boulevard, Oakland, Alameda County, California, ACELI Casa #B0000076

County, California; ACEH Case #RO0000076

Dear Mr. Supple:

Attached is the *First Quarter 2007 Ground-Water Monitoring Report* for Atlantic Richfield Company Station #4931 (herein referred to as Station #4931) located at 731 West MacArthur Boulevard, Oakland, Alameda County, California (Site). This report presents results of ground-water monitoring conducted during the First 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.

Inbut W. m.M.

Thomas A. Venus, P.E.

Senior Engineer

Rob Miller, P.G., C.HG. Principal Hydrogeologist

r i ilicipai rrydiogeolog

Enclosures

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

Mr. Nick Goyal, Owner, electronic copy e-mailed (nick@vintnersdist.com)

Electronic copy uploaded to GeoTracker

ARIZONA

CALIFORNIA

NEVADA

TEXAS

ROBERT H.

MILLER

No. 4893

STATION # 4931 OUARTERLY GROUND-WATER MONITORING REPORT

Facility: #4931 Address: 731 West MacArthur Boulevard, 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.: 06-08-624

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

ACEH Case #RO000076

NA

WORK PERFORMED THIS QUARTER (First Quarter 2007):

- 1. Prepared and submitted Fourth Quarter 2006 Ground-Water Monitoring Report.
- 2. Conducted ground-water monitoring/sampling for First Quarter 2007. Work performed on 7 February 2007 by Stratus Environmental, Inc (Stratus).

WORK PROPOSED FOR NEXT QUARTER (Second Quarter 2007):

- 1. Prepared and submitted this First Quarter 2007 Ground-Water Monitoring Report (contained herein).
- 2. Conduct ground-water monitoring/sampling for Second Quarter 2007.

OUARTERLY RESULTS SUMMARY:

Current phase of project:	Ground-Water Monitoring/Sampling
Frequency of ground-water	Quarterly: A-2, A-3, A-4, A-5, A-6, A-7, A-8, A-9, A-10,
monitoring:	A-11, A-12, A-13, AR-1, AR-2, AR-3
Frequency of ground-water sampling:	Quarterly: Wells A-4, A-6, A-8
	Semi Annually (1Q and 3Q): Wells A-3, A-5
	Annually (3Q): Wells A-2, A-7, A-9, A-10, A-11, A-12
Is free product (FP) present on-site:	No
FP recovered this quarter:	0
Cumulative FP recovered:	0
Current remediation techniques:	NA
Depth to ground water (below TOC):	4.64 ft (AR-2) to 9.50 ft (A-10)
General ground-water flow direction:	West
Approximate hydraulic gradient:	0.02 ft/ft

DISCUSSION:

First quarter 2007 ground-water monitoring and sampling was conducted at Station #4931 on 7 February 2007 by Stratus. Water levels were gauged in the 14 accessible wells at the Site (Well A-6 has been inaccessible since being paved over in 2002). No other irregularities were noted during water level gauging. Depth to water measurements ranged from 4.64 ft at well AR-2 to 9.50 ft at well A-10. Resulting ground-water surface elevations ranged from 54.54 ft above mean sea level in well AR-2 (not used in potentiometric contouring) to 48.48 ft at down-gradient well A-12. Water level elevations were between historic minimum and maximum ranges for each well, as summarized in Table 1. Water level elevations yielded a potentiometric ground-water flow direction and gradient to the west at approximately 0.02 ft/ft, generally consistent with historical data (see Table 3). Ground-water monitoring field data sheets are provided within Appendix A. Measured depths to ground-water and respective ground-water

elevations are summarized in Table 1. Potentiometric ground-water elevation contours are presented in Drawing 1.

Consistent with the current ground-water sampling schedule, water samples were collected from wells A-3, A-4, A-5 and A-8. Well A-6 was not sampled, as it has been inaccessible since being paved over in 2002. 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. The GRO result in the sample collected from well A-5 was partly due to individual peak(s) in the quantitation range. No other 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 limits in three of the four wells sampled at concentrations up to 7,600 micrograms per liter (µg/L) in well A-8. Benzene was detected above the laboratory reporting limit in two of the four wells sampled at concentrations up to 2.300 µg/L in well A-8. Ethylbenzene was detected above the laboratory reporting limit in one of the four wells sampled at a concentration of 40 µg/L in well A-4. TAME was detected above the laboratory reporting limit in two of the four wells sampled at concentrations up to 460 µg/L in well A-4. TBA was detected above the laboratory reporting limit in two of the four wells sampled at concentrations up to 3,000 µg/L in well A-4. MTBE was detected above the laboratory reporting limit in each of the four wells sampled at concentrations up to 1,500 μg/L in well A-4. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the four wells sampled this quarter. Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well, with the exception of MTBE reaching historic minimum concentrations of 0.58 μg/L in well A-3 and 1.5 μg/L in well A-5. Historic laboratory analytical results are summarized in Table 1, Table 2, and Appendix B. 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 C.

Since well A-6 has been inaccessible since being paved over in 2002, BAI proposes that this well be dropped from the monitoring and sampling schedule. If a contrary response from the ACEH is not received regarding this proposal, it will be assumed that the above proposed modification to the monitoring and sampling schedule has been granted.

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.

Page 3

ATTACHMENTS:

Drawing 1. Ground-Water Elevation Contour and Analytical Summary Map, 7 February 2007, Station #4931, 731 West MacArthur Boulevard, Oakland, California

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #4931, 731 West MacArthur Blvd., Oakland, CA

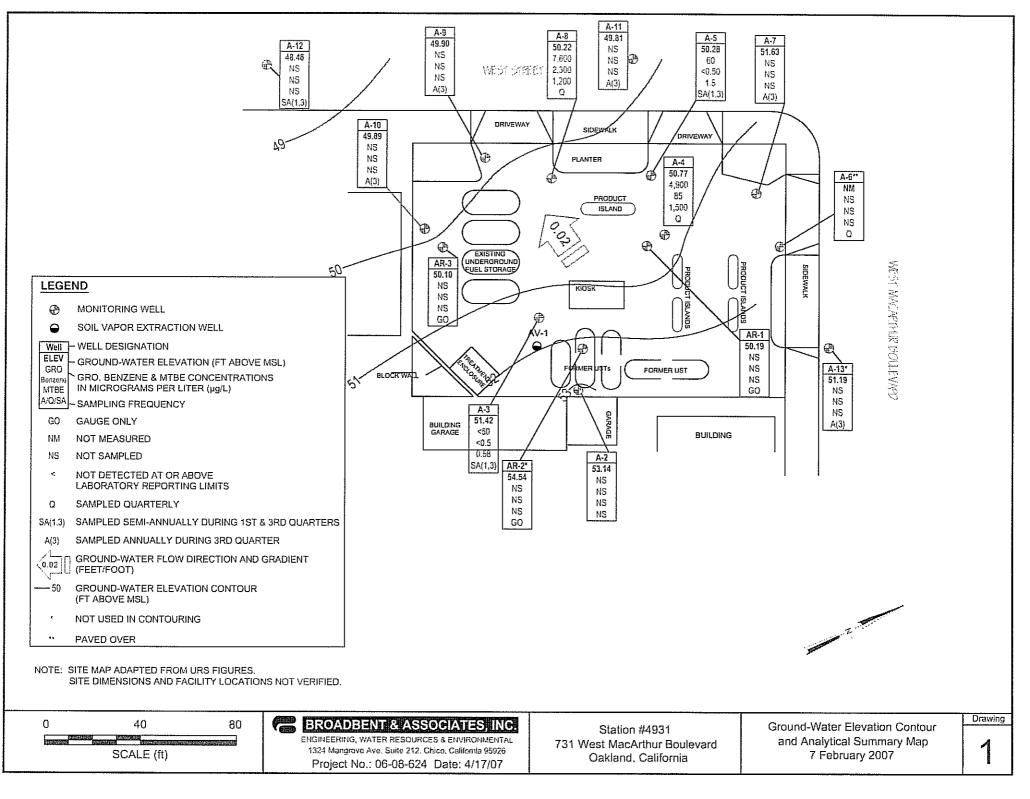
Table 2. Summary of Fuel Additives Analytical Data, Station #4931, 731 West MacArthur Blvd., Oakland, CA

Table 3. Historical Ground-Water Flow Direction and Gradient Data, Station #4931, 731 West MacArthur Blvd., 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. Historical Ground-Water Data

Appendix C. GeoTracker Upload Confirmation



				Top of	Bottom of		Water Level			Concentra	tions in (μ _ι	g/L)			
Well and			TOC	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН
A-2															
6/21/2000			55.48	5.00	20,00	6:85	48.63	: ≲50	<0.5	<0.5	<0.5	<1.0	≤30		
9/20/2000		as not clear from the boar of the first on a second of an Employ Co. 1752 Fo. 4780 Co.	55.48	5.00	20.00	10.45	45.03	<50	< 0.5	< 0.5	<0.5	<0.5	<2.5		
12/26/2000			55.48	5.00	20.00	6.27	49.21	< 50	<0.5	< 0.5	<0.5	<0.5	525		
3/20/2001	-		55.48	5.00	20.00	4.57	50.91	< 50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	_	-
6/12/2001			55,48	5.00	20,00	9.27	46.21	< 50.	< 0.5	< 0.5	<0.5	<0.5	25		
9/23/2001			55.48	5.00	20.00	10.75	44.73	< 50	< 0.5	< 0.5	< 0.5	<0.5	<2.5		
12/31/2001			55,48	5.00	20.00	413	51 35	<50	< 0.5	< 0.5		3.2	-2.5		
3/21/2002			55.48	5.00	20.00	3.26	52.22	<50	<0.5	<0.5	<0.5	<0.5	<2.5	_	
4/17/2002			55.48	5,00	20.00	3.72	51 76	<50	 	<0.5	<0.5	<0.5	31		
8/12/2002	NP		55.48	5.00	20.00	9.95	45.53	<10	<0.10	<0.10	<0.10	<0.10	<0.50	3.1	7.7
12/6/2002	NP		55.48	5.00	20.00	10.01	45,47	<50	<0.50	<0,50	<0.50	<0.50	6		6.1
1/30/2003	NP	***************************************	55.48	5.00	20.00	5.08	50.40	<50	<0.50	<0.50	<0.50	<0.50	< 0.50	2.6	6.7
5/28/2003			55.48	5.00	20.00	4,82	50.66	< 50	<0.50	<0.50	<0.50	<0.50		5.7	6.8
8/6/2003			55.48	5.00	20.00	9.73	45.75	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	7.7
11/14/2003			55.48	5,00	20.00	9.36	46 12								
02/02/2004		g g	60.65	5.00	20.00	4.45	56.20	466466			 ***********************************	— 			
05/04/2004			60.65	5.00	20.00	6.79	53.86								
09/02/2004	NP		60.65	5.00	20.00	10.51	50.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.1 ************************************	
11/10/2004			60.65 60.65	5,00 5.00	20.00 20.00	610 4.00	54.55 56.65								
02/02/2005			***************************************	5.00 5:00	20.00	4.00	56.05 56.30		 :::::::::::::::::::::::::::::::::::		 4###################################				
05/09/2005 08/11/2005	NP		60.65 60.65	5.00	20.00	9.08	51.57	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	6.9
11/18/2005		h	60.65	5.00	20.00	8,53	57.57			**************************************	222200000000000000000000000000000000000		The state of the s	,.2 []]	
02/15/2006			60.65	5.00	20.00	3.89	56.76								
5/30/2006			60.65	5.00	20.00	445	56,20								14.00
8/11/2006	NP		60.65	5.00	20.00	9.03	51.62	160	<0.50	<0.50	<0.50	<0.50	3.6	0.16	5,9
11/1/2006			60.65	5.00	20.00	9.98	50.67	100				70.50			
2/7/2007			60.65	5.00	20.00	7.51	53.14	_				-	<u>-</u>	-	
A-3									 						
over-marked of State or a state of the state				an and some statements		25532227275555555172555	55-05-69 <u>5-95</u>	ngumenana		essession man		767 <i>68</i> 222233			
6/21/2000			54.66	5.00	20.00	9.48	45.18	<50∷	<0.5	<0.5	<0.5	<1.0	46		

				Top of	Bottom of		Water Level			Concentra	tions in (µ	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	рH
A-3 Cont.															
9/20/2000			54.66	5.00	20.00	10.24	44.42	≼50	< 0.5	≮0 5	<0.5	<0.5	89.6		
12/26/2000			54.66	5.00	20.00	9.58	45.08	< 50	< 0.5	< 0.5	< 0.5	<0.5	7.11		
3/20/2001			54,66	5.00	20.00	634	4832								
6/12/2001		wight Ages of the same of the	54.66	5.00	20.00	9.76	44.90	< 50	< 0.5	< 0.5	< 0.5	<0.5	86		
9/23/2001			54.66	5.00	20.00	10.55	2411								
12/31/2001		***************************************	54.66	5.00	20.00	3.70	50.96	<50	< 0.5	< 0.5	< 0.5		60		
3/21/2002			54.66	5.00	20.00	5.75	48.91				-0.5				
4/17/2002			54.66	5.00	20.00	7.27	47.39 44.95	<50	<0.5	<0.5	<0.5	<0.5	45		
8/12/2002			54.66	5.00 5.00	20.00 20.00	9.71 9.55	45.11	<500	<5.0	<5.0	<5.0	<5.0	150	2.4	6.6
12/6/2002 1/30/2003	P		54.66 54.66	5.00 5.00	20.00	6.05	48.61),				
1/30/2003			54.66	5.00	20.00	6.05	48.61			-					
5/28/2003			54.66	5 00	20.00	8.06	46.60	74	ii≤0.50	≈0.50	<0.50	<0.50		115	69
Miniの概念が通過がある。 8/6/2003			54.66	5.00	20.00	9.91	44.75	10000000000000000000000000000000000000	(junici) opočiška: 		 				
11/14/2003			54,66	5,00	20.00	9.52	45.14								
02/02/2004	P	E E	59.32	5.00	20.00	5,63	53.69	<50	<0.50	<0.50	<0.50	<0.50	13	1.2	7.1
05/04/2004	TOTAL CONTROL OF THE		59.32	5.00	20.00	8.14	51.18								
09/02/2004	P		59.32	5.00	20.00	10.10	49,22	<250	<2.5	<2.5	<2.5	<2.5 	62	1.3	6.6
11/10/2004			59.32	5.00	20.00	7.89	51,43								
02/02/2005	P		59.32	5.00	20.00	5.00	54.32	<50	<0.50	<0.50	<0.50	<0.50	6.8	1.9	6.9
05/09/2005			59.32 50.33	5,00	20.00 20.00	5.96 9.28	59.36 50.04	<50	<0.50	<0.50	<0.50	<0.50	39	1.8	5.5
08/11/2005	P	h National desprisation (1)	59.32 59.32	5.00 5.00	20.00	8.61	50.7		V.30		-0.50				
11/18/2005 02/15/2006	P		59.32	5.00	20.00	4.36	54.96		<0.50	<0.50	<0.50	<0.50	2.2	3.6	7.2
5/30/2006			59.32	5,00	20.00	6.28	53.04								
8/11/2006	listolius P		59.32	5.00	20.00	9.27	50.05	<50	<0.50	<0.50	<0.50	<0.50	4.1	2.10	6,4
11/1/2006			59.32	5.00	20.00	9.52	49/80								
2/7/2007	NP		59.32	5.00	20.00	7.90	51.42	<50	<0.50	<0.50	<0.50	<0.50	0.58	1.74	7.70
A-4															after democratic to the second
6/21/2000			54.73	5.00	20,00	9.49	45.24	2,100	110	2.1		5.9	2,000		
							Los dans and Lulion			4505000000		1949 din Pari		ardomistii	interestati.

				Top of	Bottom of		Water Level			Concentra	tions in (μ	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(fect msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН
A-4 Cont.		·													
9/20/2000			54,73	5.00	20,00	10.33	44.40	1,540	127	₹5.0	9.07	7,42	1,940		
12/26/2000			54.73	5.00	20.00	9.34	45.39	1,550	42.7	<5.0	11	10.9	1,210		
3/20/2001	-		54.73	5:00	20.00	7.56	47.17	913	40.9	≤5,0	15.5	14.6	<25		
6/12/2001			54.73	5.00	20.00	9.83	44.90	2,000	230	<20	21	<20	4,700		
9/23/2001			54.73	5.00	20.00	10.54	44.19	1,600	35	<10	₹10	<10	3,000		
12/31/2001			54.73	5.00	20.00	5.42	49.31	<500	<5.0	<5.0	<5.0	<5.0	880		
3/21/2002			54.73	5.00	20,00	6.18	48.55	<5,000	<50	<50	<50	<50	1,400		
4/17/2002	-		54.73	5.00	20.00	7.34	47.39	1,300	79	31	17	55	2,200	_	_
8/12/2002	P	a	54,73	5.00	20.00	9.56	45:17	2,400	120	≤5.0	<5.0	<5.0	2,100	2	72
12/6/2002	P		54.73	5.00	20.00	10.02	44.71	2,200	110	10	42	56	2,000		6.7
1/30/2003	Р		54.73	5.00	20.00	7.55	47.18	6,000	180	<50	85	₹50	2,100	1.8	6.8
5/28/2003			54.73	5.00	20.00	8.94	45.79	6,000	120	<50	<50	<50	2,500	1.5	6.7
8/6/2003			54.73	5.00	20.00	10.03	44,70	5,800	100	<25	<25	33	2,500	1.5	6.7
11/14/2003	P	d, f	54.73	5.00	20.00	10.37	44.36	1,000	17	<5.0	<5.0	<5.0	310	1.6	6.8
02/02/2004	Pillin	d, g	59,59	5.00	20.00	6.70	52.89	3,600	46	1 <25	†25	25	14500	1.0	71
05/04/2004	P	d	59.59	5.00	20.00	9.12	50.47	<5,000	<50	<50	<50	<50	2,300	6.4	6.8
09/02/2004	P		59,59	5.00	20.00	9.95	49.64	3.000	<25	725			1,200	91	68
11/10/2004	P	# ## # # # # # # # # # # # # # # # # #	59.59	5.00	20.00	8.68	50.91	1,800	16	<10	<10	<10	1,100	2,0	7.2
02/02/2005	P		59,59	500	20.00	6.92	52.67	3,300	120	<10-	66		1,700	1.5	6.5
05/09/2005	P		59.59	5.00	20.00	7.21	52.38	<5,000	140	<50	62	<50	1,800	1.64	6.6
08/11/2005	P	f, h	59.59	5.00	20,00	9.71	49.88	1.700	51	*io	≥10	<io< td=""><td>1,200</td><td></td><td>6.9</td></io<>	1,200		6.9
11/18/2005	P		59.59	5.00	20.00	9.45	50.14	1,300	23	<2.5	7.2	11	310	1.4	6.7
02/15/2006	ings Picies		59.59	5,00	20.00	7,12	52.47	2,200	46	<2.5	29	7.0	910	0.9	6.8
5/30/2006	P		59.59	5.00	20.00	7.95	51.64	3,300	95	<10	55	<10	1,200	1.76	6.5
8/11/2006	B B		59.59	5,00	20.00	9.50	50,09	350	93	<10 ₪	# 10 m	<10 ∴	1,200	11.4	6.6
11/1/2006	P		59.59	5.00	20.00	9.93	49.66	1,300	<10	<10	<10	<10	360	4.56	6.94
2/7/2007	NP.		59.59	5.00	20.00	8.82	50.77	4,900	85	≤10	40	iii ≤10: ii	1,500	0.72	6,86
A-5				anni taman'i Mykatak				wardform and a second a second and a second				the second secon			
6/21/2000			54.17	3.00	24.00	9,29	44.88	980	<0.5	×0.5	<0.5	<1.0	2,000		A STATE OF THE STA
9/20/2000		Train shading and Independently compact filling eter	54.17	3.00	24.00	10.23	43.94		-	_		-	•••		

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #4931, 731 West MacArthur Blvd., Oakland, CA

				Top of	Bottom of		Water Level			Concentrat	lions in (µ)	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/	<u> </u>		Ethyl-	Total		ро	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pH
A-5 Cont.															
12/26/2000			54 17	3,00	24.00	9.65	44.52	525	<0.5	50 5	\$0.5	×0.5	1,200		
3/20/2001		A	54.17	3.00	24.00	8.05	46.12			 		 	-	-	
6/12/2001			54.17	3:00	24.00	9.81	44,36	830	\$5 ,0	<5.0	≤5,0	€5.0 •	3,200		
9/23/2001			54.17	3.00	24.00	10.42	43.75			-	 		 60		
12/31/2001			54.17	3:00	24.00	6.03	48 14	320	<0.5	<0.5	40.5	<0.5			
3/21/2002	 	1010-11-1011-11-11-11-11-11-11-11-11-11-	54.17 54.17	3.00	24.00 24.00	6.71 8.01	47.46 46.16	1,600	 	- <10	- 210	 	 3.200		
4/17/2002			54.17	3.00 3.00	24.00	9.87	44.30								
8/12/2002 12/6/2002	P		54.17	3:00	24.00	9.66	4451	310	<0.50	<0.50	2050	₹0 50	330	10	6.6
1/30/2003			54.17	3.00	24.00	7.67	46.50								
5/28/2003	CONTRACTOR STREET		54.17	300	24.00	8.56	45.61	≮5,000	₹50	¥50 ⊞	450	350 E	1,500	1.6	6.6
8/6/2003			54-17	3.00	24.00	9.58	44.59					—	—— 		
11/14/2003			54.17	5.00	24.00	9.81	44.36								
02/02/2004	P	g g	58.78	3.00	24.00	7.43	51.35	390	<2.5	9.2	<2.5	2.6	140	1.0	6.8
05/04/2004			58.78	3.00	24.00	9.98	48.80								
09/02/2004	P		58.78	3.00	24.00	9.65	49.13	<250	<2.5	<2.5	<2.5	<2.5	66	I.I	6.4
11/10/2004			≝ 58.78 ≝	3.00	24.00	8.48	5030								
02/02/2005	P		58.78	3.00	24.00	7.10	51.68	68	<0.50	<0.50	<0.50	<0.50	17	1.0	7.2
05/09/2005			58.78	3.00	24.00	7.20 9.21	51.58 49.57	<50	<0.50	<0.50	<0.50	<0.50	6.8	1.3	6.2
08/11/2005	P	h	58.78 58.78	3.00 3.00	24.00 24.00	9.21	49.68 49.68			V.50					
11/18/2005 02/15/2006	P		58.78	3.00	24.00	7.16	51.62		<0.50	<0.50	<0.50	//////////////////////////////////////	5.1	1.2	6.9
5/30/2006			58.78	3,00	24.00	7.87	50.91								
8/11/2006	P		58.78	3.00	24.00	8.90	49.88	920	<0.50	<0.50	<0.50	<0.50	12	1.4	6.7
11/1/2006			58.78	3.00	24.00	9.30	49 48								
2/7/2007	NP	i i i i i i i i i i i i i i i i i i i	58.78	3.00	24.00	8.50	50.28	60	<0.50	<0.50	<0.50	<0.50	1.5	0.73	7.14
A-6							+								
6/21/2000			55.17	3,00	25.00	8.67	46.50	<50	<0.5	<0,5	₹0.5	%1.0	<3.0		
9/20/2000			55.17	3.00	25.00	9.34	45.83		< 0.5	< 0.5	<0.5	<0.5	<2.5		
12/26/2000			55.17	3.00	25.00	8.65	46.52	₹50	<0.5	₹05	< 0,5	<0.5	<2.5		

				Top of	Bottom of		Water Level			Concentra	tions in (µ	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	МТВЕ	(mg/L)	pН
A-6 Cont.															
3/20/2001	ara =		55.17	3:00	25:00	6.84	48.33	< 50	< 0.5	50 5	305	<0.5	<2.5		
6/12/2001			55.17	3.00	25.00	8.93	46.24	< 50	< 0.5	< 0.5	< 0.5	<0.5	7		
9/23/2001			55.17	3.00	25.00	9.74	45.49	≤50	<0.5	₹0.5	405	<0.5	\$25		
12/31/2001			55.17	3.00	25.00	4.81	50.36	< 50	< 0.5	< 0.5	< 0.5	<0.5	3.2		
3/21/2002			55.17	3.00	25.00	5.44	49.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5		
4/17/2002	_		55.17	3.00	25.00	6.95	48.22	<50	<0.5	<0.5	<0.5	<0.5	3.1	***	
8/12/2002	NP		55,17	3.00	25,00	8.90	4627	<50	<0.5	<0.5	<0.5	<0.5	25	43	79
12/6/2002		e	55.17	3.00	25.00					-	-	_	-	-	
1/30/2003		e	55.17	3.00	25.00										
5/28/2003		e	55.17	3.00	25.00	-		_ 				 manuation	-		
8/6/2003			55,17	3.00	25,00										
11/14/2003		Well inaccessible e Well inaccessible e	55.17	3.00	25.00	-									
02/02/2004		Well inaccessible c	55.17 55.17	3.00 3.00	25.00 25.00										
05/04/2004 09/02/2004		Wall mustesible	55.17	3.00	25.00										THE STREET
11/10/2004		Well inaccessible c	55.17	3.00	25.00		_								
02/02/2005			55.17	300	25,00										
05/09/2005	_	e	55.17	3.00	25.00	-				_		-			
08/11/2005		e e	55.17	3.00	25,00		######################################						4 The start of the		
11/18/2005	Similar de la composito de la	e	55.17	3.00	25.00										
2/15/2006				3.00	25.00										
5/30/2006		E	_	3.00	25.00	-			-	_	-	-	_	-	
8/11/2006		E E		3.00	25,00			1							
11/1/2006		e	-	3.00	25.00		-			-	-	_		_	
A-7															
6/21/2000			54.71	3,00	22,00	8.58	46:13	£50	₹0.5	< 0.5	* 025	21:0 #	<3:0		
9/20/2000	emelonesis isaasiis	Kapanananananesiisii	54.71	3.00	22.00	9.19	45.52							-	-
12/26/2000	The Control of the Co		54.71	3.00	22.00	8,50	46.21						Time and the second sec		
3/20/2001		4 to country of the 1991 (37.11 #4.11 F) FF 24 (8872821)	54.71	3.00	22.00	6.75	47.96					_			
6/12/2001			54.71	3,00	22.00	8.80	45.91	₹50	< 0.5	< 0.5	<0.5	<0.5	<2.5		

PNP Comments TOC Series Series Cite by Cit			-		Top of	Bottom of		Water Level			Concentra	tions in (µg	g/L)			
A-7 Com	Well and			тос	· ·	Screen	DTW	Elevation	GRO/			Ethyl-	Total			
19/13/2001	Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	МТВЕ	(mg/L)	pН
12/51/2001	A-7 Cont.														•	
\$\frac{1}{4}\begin{array}{c c c c c c c c c c c c c c c c c c c	9/23/2001			54:71	3:00	22.00	9.59	45.12								
4172002	12/31/2001		***************************************	54.71	3.00	22.00	4.78		ì	1						
Si/12/2007	3/21/2002			54.7.L	3.00					ŧ	(4) (a) \$6 100 \$500 \$45 \$70 \$	***************			***********	
String S		-				 	***************		<50		<0.5	<0.5	<0.5			
1780/2003										II.						
5728/2003 - 54.71 3.00 22.00 7,63 47,08 <50 <0.50 <0.50 <0.50 3.8 2.3 6.7 8/6/2003 - 54.71 3.00 22.00 8.90 45.81 -				****************			***************	*************************								
\$6/2003		1215 FERRINGEN LINE CO.								*******************	3	#####################################	dididididididididididididididididididi	18		
11/14/2003 -				I						_0.JU	1			J.C JHUMANATA	**************	
02/02/2004 -										1	i				14579351737115217	******
05/04/2004 59.75 3.00 22.00 8.21 51.54	IN COMPANY EXCESSES A RESIDENCE STATE AND A CONTRACT OF A				X. Perin region regions in the property and a little bill									Continuer have very comment of		
09/02/2004 P 39.75 3.00 22.00 9.02 50.73 <50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50				H (BASTATATATATATATATATATATATATATATATATATAT		.1211121113421423144444444444	enini en		*******************	i ininining manahili	1	lomanuktii 				
11/10/2004		P		59.75	3.00	22.00	9.02	50.73	₹50	ii≪0,50	 	≓\$0.50	≓0.50	8.9	3.0	6.7
05/09/2005 59.75 3.00 22.00 6.48 53.27	22:50:00:20:20:00:00:00:00:00:00:00:00:00:00		<u> </u>	59.75	3.00		7.50		-	1		-				
08/14/2005 P	02/02/2005			59.75	3,00	22,00	6.10	53.65							-	
11/18/2005 - 59.75 3.00 22.00 8.65 51.10	05/09/2005		27 04 000 97 0 0 10 page 600 as A assessment (22 to 1 m/6 to 1 17 26 1	59.75	3.00	***************************************	6.48		100000000000000000000000000000000000000			 				Zilinnun
D2/15/2006 — 59.75 3.00 22.00 6.51 53.24 —	08/11/2005	Pair	in the state of th						₹50	<0.50	<0.50		<0.50	18	140000000000000000000000000000000000000	6.6
5/30/2006 59.75 3.00 22.00 7.13 52.62 <					# 1-2000 CONTROL FOR THE PROPERTY OF THE PARTY OF THE PAR	*******************************				1	 ===================================	I	 HEREFECTIONS			
8/11/2006 P 59.75 3.00 22.00 8.46 5129 <50 <0.50 <0.50 <0.50 <0.50 3.6 117 6.7 11/1/2006 59.75 3.00 22.00 8.99 50.76														The state of the s		
11/1/2006 59.75 3.00 22.00 8.99 50.76					**********************************	j		CONCONCINUENCE ENCIR ENGINE NATIONAL DE			 		**********************	ne on or or a color of the latest and the latest		67
27/1/2007 = 59.75 3i.00 22i.00 8i12 51.63 = <	2014444004414441122221822918			umienerenau.						quinnenus						
A-8 A-8 53:77 3:00 25:00 9:07 44:70 810 <0.5 <0.5 <0.5 810 1:500 9/20/2000 53:77 3:00 25:00 9:72 44:05 10,800 2,680 46 439 370 4,410 12/26/2000 53:77 3:00 25:00 9:20 44:57 77:700 1:440 <50	[42211241212222222222222222222222222222			A STATE OF THE STA	*********************	i an charepernena paragana paragana paragana da	-									
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				i in pyzationam					i ilakiringan		1988	2:114;214;1:23;r134 6 ;5	1 *************************************	<u> </u>	3 1000111111111111	parenteres:
9/20/2000 53.77 3.00 25.00 9.72 44.05 10,800 2,680 46 439 370 4,410 12/26/2000 53.77 3.00 25.00 9.20 44.57 7,700 1,440 <50				T 1000000000000000000000000000000000000										1-500		
12/26/2000															1000001000000000	1929220129-0
3/20/2001 53.77 3.00 25.00 7.51 46.26 <5,000 1,280 <50 53.9 <50 2,880 6/12/2001 - 53.77 3:00 25.00 9:53 44:24 5:600 1,700 <50 61 54 2,900	\$2000-7440-7400-7440-7440-7440-7440-7440-							. ZCVNPP = 0000 co ovomega con companie			134.53370937343436999		****************			
3720/2001 = 553.77 3:00 25:00 9:53 44:24 5:600 1:700 <50 61 54 2:900 = =									100000000000000000000000000000000000000						12 1 St. 2 5 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Section of the sectio					-14 C 25 C 2	4 17 F 5 1 W 1 T 1 W 5 1 C 5 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T	5 CT P T NOW OF CO. 6 THE CO. 7 THE			-L	1		1	(1))1217(1)227(1)217(1)217(1)217(1)217		
9/23/2001 53.77 3.00 25.00 10.08 43.69 10,000 3,500 <50 110 64 6,500	(C.)::::::::::::::::::::::::::::::::::::									3,500	<50	110	64	6,500		T

				Top of	Bottom of		Water Level			Concentra	tions in (µ	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msi)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pH
A-8 Cont.	-														
12/31/2001			53.77	3.00	25.00	4.34	49.43	4300	610	<10	60	24	520		
3/21/2002		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	53.77	3.00	25.00	6.67	47.10	6,600	1,400	<50	130	<50	2,700	_	
4/17/2002			53,77	3,00	25.00	7.72	46.05	3,800	540	<10	<10	12	3,100		
8/12/2002	NP	W 12-44X 4441414 (2474X 747) [4717] [7717] [7717]	53.77	3.00	25.00	9.64	44.13	9,400	1,800	<20	35	28	4,200	1	6.7
12/6/2002	NP.	b	53.77	3.00	25.00	9.62	44.15	5,300	1,100	11		<10	2,200		67
1/30/2003	NP	ochelementalenenibeliniskriik	53.77	3.00	25.00	7.49	46.28	<10,000	1,100	<100	<100	<100	2,200	1.5	6.9
5/28/2003			53 77	3.00	25,00	917	44.60	7,700	1,700	<50	₹50	<50	2,100		6.8
8/6/2003			53.77	3.00	25.00 25.00	9.67 9.80	44.10	13,000	2,400 570	<50 <5.0	<50 <5.0	<50 <5.0	3,000 850	0.9	6.5
11/14/2003 02/02/2004	NP NP		53.77 58.70	3.00 3.00	25.00 25.00	7.10	43.97 51.60	3,100 3,900	300	<25	<25	<25	1,100	2.3 1.1	6.2 6.8
02/02/2004	NP	d, g	58.70	3.00 3.00	25.00	9.44	49.26	3,900 <5,000	490	<50	- 2.5 	ري خ50	1,100	1.1	6.9
09/02/2004	NP		58.70	3.00	25.00	9.67	49.03	<2,500	30		<25	<25	680	1.0	6.2
11/10/2004	NP III		58.70	3.00	25,00	8.15	50.55	580	6100	k2.5	k2.5	<2.5	290	15	6.4
02/02/2005	NP		58.70	3.00	25.00	6.53	52.17	5,000	890	<25	<25	<25	1,900	1.0	7,4
05/09/2005	NP.		58.70	3,00	25.00	6.31	52.39	69	0.90	≤0.50	₹0.50	<0.50	66	4.1	72
08/11/2005	NP	h	58.70	3.00	25.00	9.15	49.55	1,400	1,300	<12	<12	<12	1,100	0.7	6.4
11/18/2005	NP		58.70	3.00	25.00	8.89	49.81	1,200	420	<5.0	<5.0	<5.0	340	0.7	
02/15/2006	NP		58.70	3.00	25.00	6.34	52.36	3,200	970	<10	<10	<10	1,100	0.9	6.1
5/30/2006	NP		58.70	3.00	25.00	7,53	51.17	510	210		2.5	25	140	2.6	6.7
8/11/2006	P	i	58.70	3.00	25.00	8.90	49.80	1,300	500	<5.0	<5.0	<5.0	290	0.7	7.0
11/1/2006	P		58.70	3,00	25.00	915	49.55	4,800	790	6.6	45 ,0	25.0	910	172	711
2/7/2007	NP		58.70	3.00	25.00	8.48	50,22	7,600	2,300	<25	<25	<25	1,200	1.25	7.11
A-9			taring the second secon												
6/21/2000			53.04	5.00	40.00	8.56	44.48	<50	<0.5	<0.5	<0.5	<1.0	5		
9/20/2000	-	A PARTY LOUIS BY A SECTION AND AREA OF THE SECTION	53.04	5.00	40,00	9.05	43.99	<50	< 0.5	< 0.5	<0.5	<0.5	<2.5	-	
12/26/2000			53.04	5,00	40.00	8.49	44,55	≥ 50	0.5	1 6 0 5	60.5	₹0,5	≥2.5		
3/20/2001			53.04	5.00	40.00	6.95	46.09	< 50	< 0.5	< 0.5	< 0.5	<0.5	<2.5		
6/12/2001			53.04	5.00	40.0D	8,67	44.37	< 50	0.5	< 0.5	< 0.5	<0.5			
9/23/2001			53.04	5.00	40.00	9.21	43.83	< 50	< 0.5	< 0.5	< 0.5	<0.5	<2.5		 KKEEKKE
12/31/2001			53.04	5.00	40.00	4.57	48.47	< 50	< 0.5		< 0.5	<0.5	(1.5.2.5		

				Top of	Bottom of		Water Level			Concentra	tions in (µ	g/L)			
Well and			TOC	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН
A-9 Cont.															
3/21/2002			53.04	5.00	40,00	5.60	1744	<50	<0.5	<0.5	<0.5	<0.5	<2.5		
4/17/2002	-		53.04	5.00	40.00	6.89	46.15	<50	<0.5	<0.5	<0.5	<0.5	<2.5		
8/12/2002	P		53.04	5.00	40.00	8.71	3433	<50	<0.50	<0.50	<0.50	<0.50	\$2.5	4	7.6
12/6/2002	P	***************************************	53.04	5.00	40.00	8.77	44.27	<50	<0.50	<0.50	<0.50	<0.50	<2.0	1.1	6.7
1/30/2003	P		53,04	5.00	40.00	6.88	46:16	<50	<0.50	<0.50	<0.50	<0.50	11	0.9	6.8
5/28/2003			53.04	5.00	40.00	9.75	43.29	<50	<0.50	<0.50	<0.50	<0.50	0.74	1.9	6.8
8/6/2003			53,04	5.00	40.00	9.00	44.04	<50	<0,50	<0.50	<0.50	<0.50	1.8	2.2	67
11/14/2003 02/02/2004		d English series	53.04 57.73	5.00	40.00 40.00	8.82 7.10	44,22 50.63	-						-	AND THE PARTY OF T
05/04/2004		d,g	57.73	5.00	40.00	8.12	49.61								
09/02/2004	- P		57.73	5.00	40,00	8.78	48.95	≤50	<0.50	<0.50			<0.50	6.6	6.5
11/10/2004			57.73	5.00	40.00	7.88	49.85	-		-	3003100-035 —		-		
02/02/2005			57.73	5,00	40.00	6.40	51.33								00-06/00 PE
05/09/2005			57.73	5.00	40.00	6.82	50.91						-	-	
08/11/2005	P		57.73	5.00	40,00	8.37	49.36	<50	<0.50	<0.50	<0.50	₹0.50	1311	1,8	6.7
11/18/2005			57.73	5.00	40.00	8.24	49.49		-	_	_	-	_	_	-
02/15/2006			57.73	5.00	40.00	6.38	5135								
5/30/2006		44 M 64 15 PARENT WINNESS TO THE STREET WINN	57.73	5.00	40.00	7.17	50.56			-	-		CHRECIMINAL AVOR SALIFORNIA		
8/11/2006	P		57.73	5,00	40.00	8,20	49.53	₹50	<0.50	<0,50	40.50	<0.50	1.6	1.02	6.6
11/1/2006	 Commentation		57.73	5.00	40.00	8.90	48.83	 10040012530240	-		-	 :::::::::::::::::::::::::::::::::::			
2/7/2007			57.73	5.00	40.00	7.83	49.90		Charles and Charles						
A-10															
6/21/2000			54.26	5,00	30.00	10.47	43.79								
9/20/2000		./19101.41	54.26	5.00	30.00	10.76	43.50		_				***		
12/26/2000			54.26	5.00	30.00				10111 101110						
3/20/2001		gemanniempatrongepagnyste i dostanogenis i kvekki	54.26	5.00	30.00			 lentalization			- 	— nasagamenninga	— White has the control of the		
9/23/2001			54.26	5.00	30.00										
12/31/2001			54.26	5.00	30.00								amagiganthanna a taga maga tu bis g danara a dadada gara da kasaba lawa na antara da dada a taga da kasaba lawa		
3/21/2002			54.26	5.00	30.00										
4/17/2002	-	- Company	54.26	5.00	30.00	-	_				_	-		-	1

				Top of	Bottom of		Water Level			Concentra	tions in (μ	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН
A-10 Cont.															
8/12/2002			54.26	5.00	30.00										
12/6/2002		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	54.26	5.00	30.00					 	 maratata		14 p 14 14 14 14 14 14 14 14 14 14 14 14 14		
1/30/2003			54.26	5.00	30.00										
5/28/2003			54.26	5.00	30.00						 	 Harmanana			
8/6/2003 11/14/2003			54.26	5.00 5.00	30,00 30.00	10.37	43.89								
02/02/2004			59.39	5.00	30.00	7.97	51 42								
05/04/2004			59.39	5.00	30.00	8.69	50.70								
09/02/2004	Palit		59.39	5.00	30.00	10.55	48.84	₹500	#K5.0	\$5.0	₹5,0	# 35 10	270	0.8	6.6
11/10/2004		tidescrizioneristens (de la falada (espet (et el)	59.39	5.00	30.00	9.16	50.23			4:rxexci94415f6xvxe24414:	***************************************				
02/02/2005			59.39	5.00	30.00	7.90	51.49								
05/09/2005			59.39	5.00	30.00	8.21	51.18	antanthibreachire							
08/11/2005	P	hj	\$9.39	5.00	30.00	10.02	49.37	69	<0.50	F0.50	₹0.50	<0.50	97	0.9	6.6
11/18/2005			59.39	5.00	30.00 30.00	9.86	49.53 51.86								
02/15/2006 5/30/2006			59.39 59.39	5.00 5.00	30.00	7.53 8.82	50.57								
8/11/2006	- P		59.39	5.00	30.00	9.88	49/51	<50	<0.50	<0.50	<0.50	₹0.50°	46		6.8
11/1/2006	-		59.39	5.00	30.00	10.28	49.11				 			-	
2/7/2007			59.39	5.00	30.00	9,50	49.89								
A-11		A I 4000 to has been I as Free to													
6/21/2000			53.74	5.00	30.00	9,54	44.20	≤50	₹0.5	<0.5	40.5		4		
9/20/2000	iriniliähitiikki 	populationi in the property of	53.74	5.00	30.00	10.62	43.12			-	idraeisinikalasidika 				
12/26/2000			53,74	5.00	30.00	10.03	43.71	450	< 0.5	< 0.5	\$ 0.5	E0.5	25	44	
3/20/2001		**************************************	53.74	5.00	30.00	8.49	45.25	_		_				***	
6/12/2001			53.74	5.00	30.00	10.21	43.53	< 50	₹0.5	< 0.5	<0.5	<0.5	<2.5		i trestification
9/23/2001		- (CASA (ASSESSA (AS	53.74	5.00	30.00	10.77	42.97	 					-	-	
12/31/2001			53.74	5.00	30.00	6.06 7.14	47.68 46.60	₹50	< 0.5	< 0.5	₹0.5 _	<0.5	<2.5		
3/21/2002 4/17/2002			53.74 53.74	5.00 5.00	30.00 30.00	7.14 8.41	46.60 45.33	 	 -0.5	- <0.5	- <0.5	 <0.5	- \$2.5		
8/12/2002 8/12/2002			53.74	5.00	30.00	10.25	43.49								
011212002] 33.7	3,00	1 20.00	1	1	ł	1	I	l	I	l	I	l

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #4931, 731 West MacArthur Blvd., Oakland, CA

				Top of	Bottom of		Water Level			Concentra	tions in (μ	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/		[Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msi)	(ft bgs)	(it bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН
A-11 Cont.			:												
12/6/2002	P		53.74	5.00	30.00	10.43	4331	450	-\$0.50	<0.50	<0.50	<0.50	<2.0	2,4	6.7
1/30/2003			53.74	5.00	30.00	8.42	45.32								
5/28/2003			53.74	5.00	30.00	930	44,44	450	<050	<0.50	₹0.50	<0.50	0.53	1.8	
8/6/2003 11/14/2003			53.74 53.74	5.00 5.00	30.00 30.00	10.28 10.40	43.46 43.54								
02/02/2004		izaki da karan da ka B	59.16	5.00	30.00	7.95	######################################								
05/04/2004			59.16	5.00	30,00	8 72	50.44								
09/02/2004	P	erf épasenengiakt dedeng á filippina filipdaktak, ni plai	59.16	5.00	30.00	10.44	48.72	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.6
11/10/2004			59.16	5.00	30.00	9.20	49.96								
02/02/2005 05/09/2005			59.16 59.16	5.00 5.00	30.00 30.00	7.95 8.07	51.21 51.09	_ 		- 	- 11114111			-	
08/11/2005	P	h	59.16	5.00	30.00	9.87	49.29	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	6.7
11/18/2005			59.16	5.00	30.00	8.88	50.28								
02/15/2006		aniuminiumininintainiitiitiitiin	59.16	5.00	30.00	7.90	51.26	-			**	**	-	-	
5/30/2006			59.16	5.00	30.00	8.78	50.38								
8/11/2006	P Proposition		59.16	5.00	30.00	10.33	48.83	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	6.8
11/1/2006 2/7/2007			59.16 59.16	5.00 5.00	30.00 30.00	10.10 9.35	49.06 49.81								
A-12	-		39.10	5.00	30.00	9.33	49.01	-				-	-	_	_
			fiffifferstavratariteti				PERMANENTAL PROPERTY OF THE PERMANENT OF		STEEL S		MINIGHA REPUBLIK	etertion geran	Alderdeldenseelengeldenseen roop	enistricijani	continue
6/21/2000 9/20/2000			52.05 52.05	5.00 5.00	30.00 30.00	9.28 9.55	42.77 42.50	<50.	<0.5 	<0.5	<0.5	\$ 0.	18.		
12/26/2000			52.05	5.00	30.00	9.05	42.30 43.00	 <50	 <0.5	 < 0.5	- 	 	- 1175		
20101000000000000000000000000000000000		FallousaisOspisalnäiniasikalisalli 	52.05	5.00	30.00	7.92	44.13	LinsialiD:Talaica 							
6/12/2001			52.05	5:00	30.00	9.26	42.79	<50	≥0.5	< 0.5	< 0.5	<0.5	25		
9/23/2001		**************************************	52.05	5.00	30.00	9.68	42.37					-			
12/31/2001			52.05	5.00	30,00	5.74	4631	<50	<0.5	<0.5	≥0.5	<0.5	9.5	100 <u>- 1</u> 00 d	
3/21/2002 4/17/2002			52.05 52.05	5.00 5.00	30.00 30.00	6.64 7.68	45.41 44.37	 <50	 <0.5	 	 ≼0.5	 <0.5	- 29	 -::::::::::::::::::::::::::::::::::	 Janen
8/12/2002 8/12/2002			52.05 52.05	5.00	30.00	9.30	44.57 42.75		 	 	 	V.3		-	-
12/06/02	e i P	in i i i i i i i i i i i i i i i i i i	52.05	5.00	30,00	9.38	42.67	₹50	<0:50	<0.50	<0.50	<0.50	13	2.3	6.5

				Top of	Bottom of		Water Level			Concentra	tions in (µ	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		ро	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН
A-12 Cont.														describertal descr	
1/30/2003			52.05	5.00	30.00	7.87	44.18								
5/28/2003	==	and Charles Label And Street Williams	52.05	5.00	30.00	8.51	43.54	50	<0.50	<0.50	<0.50	<0.50	10	1.4	7
8/6/2003			52.05	5.00	30.00	9,28	42.77								
11/14/2003			52.05	5.00	30.00	9.37	42.68	- 	 ≪0.50	- <0.50 li.	 ≅≼0.50	 <0.50	0.91	1.0	69
02/02/2004	Pania	В	57.06 57.06	5.00 5.00	30.00 30.00	7.90 8.74	49.16 48.32						_		
05/04/2004 09/02/2004	P		57.06	5.00	30.00	9.41	47.65	 	 	<0.50	\$0.50	<0.50	6,2		65
11/10/2004	-		57.06	5.00	30.00	8.32	48.74							-	-
02/02/2005	P		57.06	5.00	30,00	7.45	49.6I	50	<0;50	₹0.50	<0.50	<0.50	8.3	1.4	7.1
05/09/2005		1201001-01-01-01-01-01-01-01-01-01-01-01-0	57.06	5.00	30.00	7.57	49.49		_						
08/11//2005	P	h	57.06	500	30.00	9.05	48.01	<3 0	<0.50	<0.50	<0.50	<0.50	5.4	0,9	64
11/18/2005		**************************************	57.06	5.00	30.00	8.90	48.16			-		— EHEMBURSESS	_ 		
02/15/2006			57.06	5.00	30.00	7,47	49.59								
5/30/2006	— Р		57.06 57.06	5.00 5.00	30.00 30.00	8.21 8.85	48.85 48.21	_ ≪50⊪	 <0.50	 ≤0.50	 	<0.50	7.4	1.8	6.9
8/11/2006 11/1/2006			57.06	5.00	30.00	9.17	47.89								
2/7/2007			57.06	5.00	30.00	8.58	48.48								
A-13)			3501110231401474145				
			55.11	10.00	10.00								IXA SILI YA BIRKI PIRKI) A TAUFA FAR		
6/21/2000 9/20/2000			55.11	10.00	10.00										
12/26/2000			55.11	10.00	10.00										
3/20/2001			55.11	10.00	10.00								***************************************		
6/12/2001			55.11	10.00	10.00										
9/23/2001		100011(0)4(0)44(0)4(0)4(0)4(0)4(0)4(0)4(0)4(0)	55.11	10.00	10.00	_		_		-	_				
12/31/2001			55.11	00,01	10.00										
3/21/2002		- 	55.11	10.00	10.00	6.70	48.41		 				-		
4/17/2002			55.11	10.00	10.00	7.95 10.11	47.16 45.00	≥50	ii ≮0 .5	==0:5:;;; 	i≪0.5 ii	<0.5	%2i5 _		
8/12/2002 12/6/2002			55.11 55.11	10.00 10.00	10.00 10.00	10.11	45.00 44.85		_	-seconomonamen					
1/30/2003			55.11	10.00	10.00	7.81	47.30								
1/30/4003	-	1	55.11	15,50	1 .5.55	1	1	1	I	I	1	1	I	1	}

				Top of	Battom of		Water Level	Concentrations in (μg/L)							
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	ĺ
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Tolucne	Benzene	Xylenes	MTBE	(mg/L)	pН
A-13 Cont.													,		
5/28/2003			55 11	10.00	0.00	9.06	46.05	₹50	<0.50	<0.50	×0.50	60.50 ⊞	<0.50	1.9	6.5
8/6/2003		enderen eta erikin in elektrologia erikin	55.11	10.00	10.00	10.22	44.89					_			
11/14/2003			55 11	10.00	10.00	10.27	44.84								
02/02/2004	-	g	60.26	10.00	10.00	7.92	52.34			_	 miniministiciti		_	 	
05/04/2004			60.26	10.00	10.00	10.06	50:20								
09/02/2004	P		60.26	10.00	10.00	10.34	49.92	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	6.6
11/10/2004			60/26	10.00	10.00	8.95	5121								
02/02/2005		75500700000000000000000000000000000000	60.26	10.00	10.00 10.00	7.28 7.85	52.98 52.41			-					
05/09/2005			60.26 60.26	10.00 10.00	10.00	9.70	50.56	##							
08/11/2005 11/18/2005	 		60.26	10.00	10.00	9.70	50.99								
02/15/2006			60.26	10.00	10.00	7.24	53.02			<u> </u>			######################################		
5/30/2006			60.26	10.00	10.00	8.38	51.88				110141		.		
8/11/2006			60.26	10.00	10.00	9.55	50.71		 ementation				 DERIBERIA		
11/1/2006			60.26	10:00	10.00	9.98	50.28								
2/7/2007		TEST STEET OF THE PROPERTY OF THE PERSON OF	60.26	10.00	10.00	9.07	51.19	_					_		
AR-1															
6/21/2000			54.72	10.00	30.00										
9/20/2000		TAREATA CONTRACTOR OF THE PROPERTY OF THE PROP	54.72	10.00	30.00		-								
12/26/2000			54.72	10.00	30,00	9.95	44.77								
3/20/2001			54.72	10.00	30.00	8.34	46.38				 Barraciones		-	 Letteressisti	
6/12/2001			54.72	10.00	30.00	10:17	44,55								
9/23/2001		engagagagagabanninggag	54.72	10.00	30.00	10.72	44.00	— 	-				-		
12/31/2001			54,72	10.00	30.00	5,91	48.81								
3/21/2002			54.72	10.00	30.00 30.00	7.00 8.33	47.72 46.39	-							131C441421514 111C441421514
4/17/2002			54.72 54.73	10.00	30.00	10.18	44.54								
8/12/2002 12/6/2002			54.72 54.72	10.00 10.00	30.00	10.18	44.54 44.51								
1/30/2003			54.72	10.00	30.00	8.22	46.50								-
5/28/2003			54.72	10.00	30.00	9.62	45.10								

				Top of	Bottom of		Water Level Concentrations in (µg/L)								
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	- Annual and a second a second and a second
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pH
AR-1 Cont.															
8/6/2003			54.72	10:00	30.00	10.47	44.25								
11/14/2003		d	54.72	10.00	30.00	10.40	44.32	-							
02/02/2004		dg	59.52	10:00	30.00	7.96	51.56								
05/04/2004		d	59.52	10.00	30.00	10.17	49.35				 				
09/02/2004			59.52	10.00	30.00	1028	49.24								
11/10/2004			59.52	10.00 10.00	30.00 30.00	9.15 7.80	50.37 51.72								
02/02/2005 05/09/2005			59,52 59.52	10.00	30.00	7.03	52.49								
08/11/2005			59.52	10.00	30,00	9.82	49.70								
11/18/2005			59.52	10.00	30.00	9.83	49.69	-							
02/15/2006			59 52	10,00	30.00	7.78	51 74								
5/30/2006	4.22.17.345227779888888888888888888888888888888888		59.52	10.00	30.00	8.65	50.87	-				•	***		
8/11/2006			59.52	10:00	30.00	9.69	49.83								
11/1/2006			59.52	10.00	30.00	10.07	49.45	 	_ 	— 	<u>-</u>		— 1000000000000000000000000000000000000		
2/7/2007			59.52	10,00	30.00	9.33	50.19								
AR-2	***	1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2													
6/21/2000			54.77	8.00	28.00										
9/20/2000			54.77	8.00	28.00			 		-					
12/26/2000			54.77	8.00	28.00										
3/20/2001			54.77 54.77	8.00 8.00	28.00 28.00	3.13	51.64 50.26								
6/12/2001 9/23/2001			54.77	8.00	28.00	6.05	48.72								
12/31/2001			54.77	8.00	28.00	2.79	51.98								
3/21/2002			54.77	8.00	28.00	7.75	47.02		-				- -	-	
4/17/2002			54.77	8.00	28.00	2.24	52.53							11141	
8/12/2002			54.77	8.00	28.00	4.93	49.84			_	-	_			
12/6/2002			54:77	8.00	28,00	6.09	48.68								
1/30/2003			54.77	8.00	28.00	3.89	50.88	######################################	<u> </u>	-		 mananananan			
5/28/2003			54.77	B.00	28.00	3.33	51,44								
8/6/2003			54.77	8.00	28.00	5.05	49.72		-		-	-		-	-

				Top of	Bottom of		Water Level Concentrations in (µg/L)								
Well and			тос	Screen	Screen	DTW	Elevation	GRO/		-	Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzenc	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН
AR-2 Cont.															1
11/14/2003			54.77	8.00	28,00	6.01	48.76								
02/02/2004		5	59.18	8.00	28.00	3.88	55.30						—	_	
05/04/2004			59.18	8.00	28.00	6.01	53.17								
09/02/2004			59.18	00.8	28.00	5.65	53.53	— 			 	 	-		
11/10/2004			59.18	8.00	28.00	5.48	53.70								
02/02/2005	— ::::::::::::::::::::::::::::::::::::		59.18	8.00	28.00	2.62	56.56							 ::::::::::::::::::::::::::::::::::	
05/09/2005			59.18	8.00	28.00	2.84	5634								
08/11/2005 11/18/2005			59.18 59.18	8.00 8.00	28.00 28.00	4.33 5.34	54.85 53.84			-					
02/15/2006			59.18	8.00 8.00	28.00	2.49	56.69					Minii Minii Minii			
5/30/2006			59.18	8.00	28.00	3 02	56 16								
8/11/2006		HIBBETTERREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMBEREIMB Leithere der Bertreimbereim	59.18	8.00	28.00	4.32	54.86			inuminovalisi 	######################################		lestumataniunsi. 		
11/1/2006			59.18	8.00	28.00	525	53.93								
2/7/2007		<u> </u>	59.18	8.00	28.00	4.64	54.54				-	— —	<u> </u>	-	
AR-3															
6/21/2000			54.19	10.00	30.00										
9/20/2000		tt. (ppp. 2) itus utaligateks kirji kir (kirji (b) (k) (k) (k)	54.19	10.00	30.00	-				# 30 25 50 5 5 a 6 6 5 5 C 7 b m ac 4					
12/26/2000			54.19	10.00	30,00	9,70	44.49		Carried Control of the Control of th						
3/20/2001			54.19	10.00	30.00					_			-		
6/12/2001			54.19	10.00	30.00										
9/23/2001			54.19	10.00	30.00	10.43	43.76	— (1955)		_ 					 ###################################
12/31/2001			54.19	10.00	30.00	5.18	49.01								
3/21/2002 4/17/2002			54.19 54.19	10.00 10.00	30.00 50.00	6.78 8.06	47.41 46.13	angenerages						usmenn -	
8/12/2002 8/12/2002			54.19 54.19	10.00	30.00	9.94	44.25								
12/6/2002			54.19	10.00	30.00	9.94	44.20								
1/30/2003		predal (austria di 1955) di Rici Silla (1965) I	54.19	10.00	30.00	7.96	46.23						######################################	-	AMERICANI:
5/28/2003	and the same of same and the sa		54.19	10.00	30.00	8.94	45.25								
8/6/2003			54.19	10.00	30.00	9.94	44.25	-			 				fricializa:
11/14/2003			54,19	10:00	30.00	10.03	44.16								

				Top of	Bottom of		Water Level	Concentrations in (µg/L)							
Well and			TOC	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	МТВЕ	(mg/L)	pН
AR-3 Cont.															
02/02/2004		8	59.10	10:00	30,00	6.90	52.20								
05/04/2004		12.1.2.tu an Sanda and Anna and Sanda Andrew Market Andrews	59.10	10.00	30.00	9.12	49.98		-					-	-
09/02/2004			59.10	10.00	30,00	10.15	48.95								
11/10/2004		THE PERSON OF THE PROPERTY OF THE PERSON OF	59.10	10.00	30.00	8.79	50.31	_	-	-	-			-	
02/02/2005			59 10	10.00	30,00	7,30	51.80								
05/09/2005		DX PPACE TO AN ELECTRICATION AND AND AND AND AND AND AND AND AND AN	59.10	10.00	30.00	7.71	51.39	-		-	_	_	THE RESIDENCE AND RESIDENCE AND ADDRESS OF A STATE OF A		
08/11/2005			59 10	10.00	30,00	9.54	49.56								
11/18/2005		EVERY VISION WILLIAM SHOWN SHOWN COMMAND	59.10	10.00	30.00	9.43	49.67						_		
02/15/2006			59 10	10:00	30.00	7.50	51.60								
5/30/2006		EASTER TO THE STREET OF THE ST	59.10	10.00	30.00	8.82	50.28	_				***		-	
8/11/2006			59 10	10:00	30,00	9.38	49.72								
11/1/2006			59.10	10.00	30.00	9.75	49.35								
2/7/2007			59.10	10.00	30.00	9.00	50.10								

SYMBOLS AND ABBREVIATIONS:

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

DO = Dissolved oxygen

DTW = Depth to water in ft bgs

ft bgs = feet below ground surface

ft MSL = feet above mean sea level

GRO = Gasoline range organics

GWE = Groundwater elevation measured in ft MSL

mg/L = Milligrams per liter

MTBE = Methyl tert butyl ether

NP = Not purged prior to sampling

P = Purged prior to sampling

TOC = Top of casing measured in it MSL

TPH-g = Total petroleum hydrocarbons as gasoline

μg/L = Micrograms per liter

BTEX = Benzene, toluene, ethylbenzene and xylenes

FOOTNOTES:

- a = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel for GRO/TPH-g.
- b = The concentration indicated for this analyte (MTBE) was an estimated value above the calibration range of the instrument.
- c = This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
- d = ORC sock in well.
- e = Well inaccessible; well paved over.
- f = Sheen in well.
- g = Well surveyed to NAVD '88 datum on January 28, 2004.
- h = Possible low bias due to CCV falling outside acceptance criteria for GRO.
- i = Hydrocarbon result partly due to individual peak(s) in quantitative range for GRO.

NOTES:

Top and bottom of screen measurements for wells A-2 through A-5 were estimated from the EMCON sampling sheet.

Beginning in the first quarter 2003 (1/30/2003), groundwater samples were analyzed by EPA method 8260B for TPH-g, BTEX, and fuel oxygenates. Prior to 1/30/03, TPH-g was analyzed using EPA Method 8015B modified and MTBE by 8021B unless otherwise noted.

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-TPHg 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.

Sample Date Ethanol TBA MTBE DIPE ETRE TAME 1,2-DCA EDB Comments	Well and				Concentrati	ons in (µg/L)				
1/30/2003	Sample Date	Ethanol	TBA	MTBE	DIPE	ЕТВЕ	TAME	1,2-DCA	EDB	Comments
S728/2003	A-2								THE STATE OF THE S	
S728/2003	1/30/2003	40	~2 0		 	30,50	<0.50			
09/02/2004 < 00		<100	<20	1.1	<0.50	<0.50	< 0.50	# # # # # # # # # # # # # # # # # # #		дали (клударын экін (ни кукун посты (на саданы) саданы саданы кукун посты саданы кукун посты саданы кукун пост
08/11/2005 <	8/6/2003	<100 □	-20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/11/2006	09/02/2004	<100	Į.	<0.50	<0.50	1	<0.50		1	
A-3 5788/2003 \$100 \$20 \$43 \$0.50 \$0.50 \$24 \$1.70 \$1.00 \$2.00 \$13 \$0.50 \$0.50 \$4.6 \$0.50 \$0.5	08/11/2005	<100	<20 □	<0.50	<0.50	<0.50	<0,50	<0.50	<0.50	
	8/11/2006	<300	<20	3.6	<0.50	<0.50	<0.50	<0.50	<0.50	
02/02/2004 <100 <20 13 <0.50 <0.50 <4.6 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50	A-3							***************************************	***************************************	
02/02/2004	5/28/2003	₹100 	<20	43	<0.50	KÖ ,50	24			
02/02/2005 <100 <20 6.8 <0.50 <0.50 2.4 <0.50 <0.50 <0.50 5 08/11/2005 <100	02/02/2004	<100	<20	13	<0.50	<0.50	4.6	Separative desiration of the party and the p	# TELEBOOK PERHEAD SINGUINES	- до почения на начания на приняти на приняти на приняти на на приняти на приняти на приняти на приняти на при
08/11/2005 <100 <20 39 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <0,50 <th< td=""><td>09/02/2004</td><td><500</td><td>2100 E</td><td>62</td><td>25</td><td>42.5</td><td>15</td><td><2.5</td><td>¥25</td><td></td></th<>	09/02/2004	<500	2100 E	62	25	42.5	15	<2.5	¥25	
02/15/2006 <300 <20 2.2 <0.50 <0.50 0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <th< td=""><td></td><td><100</td><td></td><td>6.8</td><td><0.50</td><td>J</td><td></td><td><0.50</td><td>1</td><td>Ь</td></th<>		<100		6.8	<0.50	J		<0.50	1	Ь
8/11/2006	08/11/2005	<100	<20	inii ii 39 ii ii ii	<0.50		11 11 412 11 11			
2/7/2007 <300 <20 0.58 <0.50 <0.50 <0.50 <0.50 <0.50 A-4 I/30/2003 ≤4,000 ≥2,000 2;100 <50	12/14/244 (001 45/474) (41 54/400)			PROPERTY CONTRACTOR OF THE PROPERTY OF THE PRO	************************					
A-4 1/30/2003						- Enternantententententen				
1730/2003	2/7/2007	<300	<20	0.58	<0.50	<0.50	<0.50	<0.50	<0.50	
5/28/2003 <10,000	A-4									
8/6/2003	1/30/2003	<4,000	<2,000	2,100	-<50	<50	530			a a
11/14/2003 <1,000		<10,000	<2,000	I	i	1		_	- The state of the	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			permandarianan				12170377217029170010111441	25 1	\$25	
05/04/2004 <10,000			ł	a recommendation of the board o	J	}		-	***	
09/02/2004	######################################								j unioulleubanistri	
11/10/2004 <2,000	TAKEN BER S CLASSIC S SEWEST MERCHANISM CONTROL OF THE		***************************************		*******************		······································		lucusumana asas asas asas	
02/02/2005 <2;000 2;100 1;700 <10 <10 430 <10 <10 <10 b										
05/09/2005 <10,000 2,000 1,800 <50 <50 460 <50 <50 08/11/2005 <2,000									1	
08/11/2005 <2,000 2:400 11/200 <10 310 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10	Children Children Company					4.090.000.000				
11/18/2005 <500 1,400 310 <2.5 <2.5 98 <2.5 <2.5 b 02/15/2006		- ALCOHOLDS ALLEGED TO THE TOTAL OF THE TOTA				I	Samuel Mental Select base Select	l		
02/15/2006	():::::::::::::::::::::::::::::::::::::									
	1001000 (40000) 100000000000000000000000000000000		et market authoritististististis	***********************	carriage were extended to do		*********************	1		
	5/30/2006	<6,000	3,000	1,200						Paramenenternamenen protestoria in in canada de la marca de la compacta del compacta de la compacta de la compacta del compacta de la compacta del la compacta de la compacta del la compacta de la compa

Well and	Concentrations in (μg/L)								
Sample Date	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Comments
A-4 Cont.			-						
8/11/2006	₹6.000	3.200	1,200	<u> </u>	40	350	<u> </u>	<10	
11/1/2006	<6,000	1,700	360	<10	<10	95	<10		b b
2/7/2007	<6,000	3,000	1,500	<10	<10	460	<10	210	
A-5		43-10-10-10-10-10-10-10-10-10-10-10-10-10-							
5/28/2003		2,000	1,500	<50	\$0 1	620			
02/02/2004	<500	170	140	<2,5	<2.5	54	<2,5	<2.5	Angleston standard programment of the control of th
09/02/2004	500 mm	L50		<2.5	₹2.5	29	2 25	<2.5	
02/02/2005	<100	840	17	<0.50	<0.50	7.6	<0.50	<0.50	ali indiringa in in indiringa (in indiringa in indiringa in indiringa in indiringa in indiringa in indiringa i Indiringa in indiringa in indiringa in indiringa in indiringa ind
08/11/2005	==100	530	6.8	<0.50	¥0.50	74	<0.50	<0.50	
02/15/2006	<300	460	5.1	<0.50	<0,50	4.2	<0.50	<0.50	AND AND THE PROPERTY OF THE PR
8/11/2006	<300	1,100	12	3 0,50	<0.50	50	₹0.50	<0.50	
2/7/2007	<300	600	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
A-6									
11/14/2003									Well inaccessible
02/02/2004			-	-					Well inaccessible
05/04/2004									Well inaccessible
09/02/2004	-				-				Well inaccessible
11/10/2004								-	Well inaccessible Well inaccessible
8/11/2005 8/11/2006									Well/inaccessible
2515555448444444444444444444444444444444									
A-7				***************************************	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		*****************************	1514505770055545464446455555	AND AND THE PROPERTY OF THE PR
5/28/2003	<100	<20	3.8	<0.50	<0,50	0.94			
09/02/2004	<100	<20	8.9	<0.50	< 0.50	3.0	<0.50	<0.50	
08/11/2005	<100	<20	18	< 0,50	<0.50 -0.50	44	<0.50	<0.50 <0.50	
8/11/2006	<300	<20	3.6	<0.50	<0.50	0.91	0.54	~0.30	
A-8									TO THE RESIDENCE OF THE SECOND PROPERTY OF TH
1/30/2003	₹8,000	4,000	2,200	≤100	<100	900			
5/28/2003	<10,000	<2,000	2,100	<50	<50	1,100	energy (construction of the construction of th	 Pandanieginie	
8/6/2003	<10,000	<2,000	3,000	< 50	5 0,	1,200	450	<50	

Well and				Concentration	ons in (μg/L)				
Sample Date	Ethanol	TBA	МТВЕ	DIPE	ETBE	TAME	1,2-DCA	EDB	Comments
A-8 Cont.									
11/14/2003	<u>≤1,000</u>	<200	850	5.0	450	320			
02/02/2004	<5,000	<1,000	1,100	<25	<25	380	<25	<25	ind diskateria (reikan) sikatisi ili kada marahi di
05/04/2004	<10,000	<2,000	1,600	<50	<50	440	<50	<50	
09/02/2004	<5,000	<1,000	680	<25	<25	170	<25	<25	
11/10/2004	<500	<100	290	42.5	-2 .5	66	<25	25	
02/02/2005	<5,000	<1,000	1,900	<25	<25	510	<25	<25 <0.50	b
05/09/2005	<100	₹20	1 100	<0.50 <12	<0.50 <12	2.9 310	<0.50 <12	<12	
08/11/2005	<2,500 ≤1,000	<500 ■ <200	1,100 340	<12 850	<12 5.0	120	<5.0	\$5.0	16
02/15/2006	<6,000	880	1,100	<10	<10	330	<10	<10	
5/30/2006	≤1,500	<100	140	<2.5	₹2.5	43	2 5	2 55	
8/11/2006	<3,000	<200	290	<5.0	<5.0	92	<5.0	<5.0	модунтары королизмирыны королический королический королический королический королический королический короличе
11/1/2006	≤3,000	1,200	910	<5.0	\$50	250	55,0	\$5,0	
2/7/2007	<15,000	<1,000	1,200	<25	<25	330	<25	<25	
A-9									
1/30/2003	\$40 "E	-20		<0.50	<0.50	<0.50			
5/28/2003	<100	<20	0.74	<0.50	<0.50	<0.50	COMMENSATION OF THE PROPERTY CO	_	
8/6/2003	<100	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<100	<20	< 0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	₹20		<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	
8/11/2006	<300	<20	1.6	VC.0>	<0.50	~0.30	\\U.30	V0.50	
A-10				WARPA // LL LL LL LA SURFE COMMEN		lwes carginal securit benefit for	***************************************		
09/02/2004	<1,000	<200	270	\$5.0	5 0	44	5.0	25.0	
08/11/2005	<100	<20	97	<0.50	<0.50	14	<0.50	<0.50 <0.50	
8/11/2006	<300	20	46	<0.50	20,50	7,3	₹0,50	שטכיח	
A-11				-					
5/28/2003	<100 ::::	₹20	0.53	<0.50	≤0.50	≤0.50			
09/02/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	nggagagsas pangguaggaggaggaggaggaggaggaggaggaggaggagga
08/11/2005	<100	<20	≤0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/11/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Well and	Concentrations in (µg/L)								
Sample Date	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Comments
A-12	Anna Maria de Caracteria d								
5/28/2003	<100	20	10	<0.50	<0.50	25		THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O	
02/02/2004	<100	<20	0.91	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<100 L	-20	62	<0.50	<0.50	117	<0.50	<0.50	
02/02/2005	<100	<20	8.3	<0.50	<0.50	2.2	<0.50	<0.50	ъ
08/11/2005	<100	₹20	5.4	<0.50	<0.50		<0.50	<0.50	
8/11/2006	<300	<20	7.4	<0.50	<0.50	2.5	<0.50	<0.50	
A-13									
5/28/2003	 	# 420	∛ 0.50	<0.50	<0.50	<0.50			
09/02/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Compared to the Compared to the Compared Secretary of the Compared Secretary
AR-1									
AR-2									
AR-3									

ABBREVIATIONS:

-- = Not analyzed/applicable/measured/available

< = Not detected at or above the laboratory reporting limit

1,2-DCA = 1,2-Dichloroethane

DIPE = Di-isopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

Wilde Wienlyr ter-budyr ener

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 calibration verification for ethanol was within the method limits but outside the contract limits.

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 #4931, 731 West MacArthur Blvd., Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
6/21/2000	West-Southwest	0.031
9/20/2000	Southwest	0.013
12/26/2000	West	0.028
3/20/2001	West	0.046
6/12/2001	West	0.014
9/23/2001	West	0,012
12/31/2001	West	0,024
3/21/2002	West	0.047
4/17/2002	West	0.03
8/12/2002	West	0.016
12/6/2002	West	0.015
1/30/2003	West	Variable
5/28/2003	West	0.022 a
8/6/2003	West-Southwest	0.018
17/14/2003	West	0.02
2/2/2004	West	0.04
5/4/2004	West to North	0.025 to 0.033
9/2/2004	West	0.033
EJ/10/2004	West	0.031
2/2/2005	West-Southwest	0.04
5/9/2005	Northwest-Southwest	0.04
8/11/2005	West	0.02
11/18/2005	West	0.03
2/15/2006	Southwest	0.04
573072006	West	0.05
8/11/2006	West	0.01
11/1/2006	West	0.01
2/7/2007	West	0.02

FOOTNOTES:

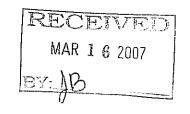
a = Using wells AR-1 and A-9

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.

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

March 8, 2007

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

Re:

Groundwater Sampling Data Package, BP Service Station No. 4931, located at 731 W. MacArthur Boulevard, Oakland California (Quarterly Monitoring performed on February 7, 2007)

General Information

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

Phone Number: (530) 676-6000

On-Site Supplier Representative: Jerry Gonzales

Date: February 7, 2007

Arrival: 11:00

Departure: 12:35

Weather Conditions: Clear

Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

Variations from Work Scope: None noted

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include 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, Jay R. Johnson No. 5867 rojeot Manage

Attachments:

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

CC: Mr. Paul Supple, BP/ARCO

BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

Gauge Date: 2/7/67

Project Name: Oakland - 731 W. MacArthur Blvd.

Field Technician: Jerry

Project Number: 4931

TOC = Top of Well Casing Elevation
DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

DIA = Well Casing Diameter ELEV = Groundwater Elevation DUP = Duplicate

WELL OR LOCATION	TIME			MEASU	REMENT			PURGE & SAMPLE	SHEEN CONFIRMATION	COMMENTS
		TOC	DTP	DTW	DTB	DIA	ELEV		(w/bailer)	
A-2	11:12			7.51	1933	44				
A3	10:44			7.90	16.09	411		4es		
A-4	11:21			8.85	19,53	ון ע		yes		
	1053			8.50		3"		yes		
A-5 A-7	10.98			812		<i>\</i> <i>\</i>				
A-8	11.01			8.48	17.73	くり		Yes		
A-9	10:58				37.08					
A-10	11:07			9.50	29.58	6"				
A-11	10:35			9.35	29.68	3//				
A-12	16:22			8.58	2972	3"				
A-13	10:50	•		8.07	28.90					
AR-1	11:16			9.33		67				
AR-2	11:09			4.64	26,19	. 67				
A R-3	11:04			9.00	28-72	411		,		
								.;		
										`
. •										,
		. 1		-						
· · · · · · · · · · · · · · · · · · ·		'								
										
· · · · · · · · · · · · · · · · · · ·										
										w

BP ALAMEDA PO WATER SAMPLE FIEI	·								
PROJECT #: 4931 PURGED BY: CLIENT NAME: SAMPLED BY: DE THE PROJECT #: 4931 PURGED BY: DE THE PROJECT PURGED BY: DE THE PURGED	1 7								
DATE PURGED 2/7/57 START (2400hr) // DATE SAMPLE TYPE: Groundwater x Surface Water	1:30 END (2400hr) 1/:32 1/:30 Treatment Effluent Other								
CASING DIAMETER: 2" 3" 4" (0.67) Casing Volume: (gallons per foot) (0.17)	5" 6" 8" Other (1.02) (1.50)								
DEPTH TO BOTTOM (feet) = 16.09 DEPTH TO WATER (feet) = 7.90 WATER COLUMN HEIGHT (feet) = 8.1	CASING VOLUME (gal) = CALCULATED PURGE (gal) = ACTUAL PURGE (gal) =								
FIELD MEASURE	EMENTS								
(2400hr) (gal) (degrees F) (un	UCTIVITY pH COLOR TURBIDITY (visual) (NTU)								
SAMPLE DEPTH TO WATER: 7-90 SAMPLE INFORM	MATION SAMPLE TURBIDITY: Cforc								
80% RECHARGE: YES NO ANALYSES:	ceo work ander								
	3 VOR-1+CL								
PURGING EQUIPMENT Bladder Pump Bailer (Teflon) Centrifugal Pump Submersible Pump Peristalic Pump Dedicated Other: Pump Depth: Bailer (Teflon) Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC) Centrifugal Pump Bailer (Stainless Steel) Submersible Pump Peristalic Pump Dedicated Other: Other:									
WELL INTEGRITY: D.O-1.79 REMARKS: COOL	LOCK#: Mart								
SIGNATURE: N	Pageof								

	<i>3P ALAMEDA PO</i> .ter sample fiel			
PROJECT #: 4931 CLIENT NAME: LOCATION: Oakland, 731 W. MacArthur F	PURGED BY: 50 SAMPLED BY: 5	SAMI	LID.: A-G PLE I.D.: A-G AMPLES:	
DATE PURGED 2/7/07 DATE SAMPLED 2/7/67 SAMPLE TYPE: Groundwater x	START (2400hr) / Z SAMPLE TIME (2400hr) Surface Water	END (2400hr) <u>/ ア</u> リ Other	2
CASING DIAMETER: 2" (0.17)	3" 4" (0.67)	5" 6" (1.50)	8" (2.60)	Other ()
DEPTH TO BOTTOM (feet) = 19-10 DEPTH TO WATER (feet) = 88 WATER COLUMN HEIGHT (feet) = 10.7	5 <u>3</u>	CASING VOLUME (gal) CALCULATED PURGE ACTUAL PURGE (gal) =	(gal) =	10
	FIELD MEASURE	EMENTS	·	T. (1111)
DATE TIME (2400hr) (gal) 7/7/07 / 2'!/	(degrees F) (un	UCTIVITY pH shos/cm) (units) CO G-8 G	COLOR (visual)	TURBIDITY (NTU)
SAMPLE DEPTH TO WATER: 8.82	SAMPLE INFORM	MATION SAMPLE TUI	RBIDITY:	<u>'ea</u>
80% RECHARGE: YES NO	ANALYSES:	see work order		
ODOR: Ues SAMPLE VES	SSEL/PRESERVATIVE:	3UOR-HCC		
PURGING EQUIPMENT Bladder Pump Centrifugal Pump Bailer (PV	/C) ninless Steel)	Centrifugal Pump Submersible Pump	Bailer (Teflon)	C or <u>K</u> disposable)
WELL INTEGRITY: GOOD REMARKS: DO 0.72		LOCK#: _	Murs	
SIGNATURE:				Pageof

BP ALAMEDA PORTFOLIO WATER SAMPLE FIELD DATA SHEET
PROJECT #: 4931 PURGED BY: WELL I.D.: A - 5 CLIENT NAME: SAMPLED BY: A SAMPLE I.D.: A - 5 LOCATION: Oakland, 731 W. MacArthur Blvd. QA SAMPLES:
DATE PURGED 2 7-67 START (2400hr) 1/:59 END (2400hr) / 2:52 DATE SAMPLED 2-7-7 SAMPLE TIME (2400hr) / 2:50 SAMPLE TYPE: Groundwater_x Surface Water_ Treatment Effluent_ Other_
CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other (2.60) (0.17)
DEPTH TO BOTTOM (feet) = 2 \(\) 3 \(\) CASING VOLUME (gal) = DEPTH TO WATER (feet) = \(\) CALCULATED PURGE (gal) = WATER COLUMN HEIGHT (feet) = \(\) ACTUAL PURGE (gal) =
FIELD MEASUREMENTS
DATE TIME (2400hr) (gal) (degrees F) (umhos/cm) (units) (visual) (NTU)
SAMPLE DEPTH TO WATER: 8.50 SAMPLE INFORMATION SAMPLE TURBIDITY: C/
80% RECHARGE: X YES NO ANALYSES: See WORK OYDOR ODOR: NO SAMPLE VESSEL/PRESERVATIVE: 3 VOR-HCC
PURGING EQUIPMENT Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC) Submersible Pump Bailer (Stainless Steel) Peristalic Pump Dedicated Other: Pump Depth:
WELL INTEGRITY: Sool LOCK#: MOSTER REMARKS: DO-0.73
SIGNATURE: Page of

	DA PORTFOLIO E FIELD DATA SHEET
PROJECT #: 4931 PURGED BY: CLIENT NAME: SAMPLED BY: LOCATION: Oakland, 731 W. MacArthur Blvd.	WELL I.D.: A - 8 SAMPLE I.D.: A - 8 QA SAMPLES:
DATE PURGED 2-7-07 START (2400hr) DATE SAMPLED 2-7-07 SAMPLE TIME (2 SAMPLE TYPE: Groundwater x Surface Water	
CASING DIAMETER: 2" 3" 4 Casing Volume: (gallons per foot) (0.17)	" 5" 6" 8" Other (1.02) (1.50)
DEPTH TO BOTTOM (feet) = 12.73 DEPTH TO WATER (feet) = 848 WATER COLUMN HEIGHT (feet) = 9.2	CASING VOLUME (gal) = CALCULATED PURGE (gal) = ACTUAL PURGE (gal) =
FIELD M	EASUREMENTS
SAMPLE DEPTH TO WATER: 8.98	CONDUCTIVITY pH COLOR TURBIDITY (unitos) (visual) (NTU) 1089 7-11 clear INFORMATION SAMPLE TURBIDITY: Jen TYSES: See work order TIVE: 6 VOU HCL
PURGING EQUIPMENT Bladder Pump Centrifugal Pump Submersible Pump Peristalic Pump Dedicated Other: Pump Depth: WELL INTEGRITY: REMARKS: DUIPMENT Bailer (Teflon) Bailer (PVC) Bailer (Stainless Steel) Dedicated Other: Pump Depth: WELL INTEGRITY: SOUL	SAMPLING EQUIPMENT Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC or disposable) Submersible Pump Bailer (Stainless Steel) Peristalic Pump Dedicated Other: LOCK#: Mars Mass
SIGNATURE:	Pageof

Wellhead Observation Form

Account: H0/3|
Sampled by: Serre

ate: 2/7/09

Add" Notes and Other Stuff	Shraw CID	5/10 00 CiD	The state of the s					30 8/2	8/10 01 CILD NO 1/8/12/2000							
Misc.																
Cracked Box and/or Bolt - Holes			de	02	50	3	an	50	07	22		100	કુ			
Cracked or Broken Lid			Z	0/20	120	97	Ş	5	170	110		057	20			
Bolt-Holes Stripped			Say	Ses	50	gas	1285			W		Sing	Ses			
Bolts Stripped			Soot	3	KD	Sas	Say			a land a case of the land of t		3	المحد	,		
Bolts Missing			Yees	free	10	Cooks.	Sort					Geor	Ses	_		
Water in Box	<i>S</i>	SARS	40	No	الميميريم	40	2	Gas	NO	50	an	5	2			
Lock Missing (Replaced with new)	10.	S	B	20	20	40	Ş	1/0	10	100	Co	91	MON		:	
Box in good condition	GLES	GES	4-48	7.83	S. S. S.	Yees	200	Ges	Tes	500	Sans	Set	Yes			
Well ID	J-7	A-3	101	A-5	4-4	3.4	1-9	A-10	11-11	A12	40	AK-1	AR-2	A R.S.		

Atlantic Richfield Company

Chain of Custody Record

Project Name: BP 4931

BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > CA > Alameda>4931

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

	1 mgo 01,
On-site Time: 1/00	Temp: Copl
Off-site Time: 17.35	Temp: Cool
Sky Conditions: 1 lea	.
Meteorological Events: /	One.
Wind Speed:	Direction: n/a

Lab	Name: TestAmerica					BP/AR Facility No).;	4	931						•		Co	nsult	ant/C	ontre	ector;		Stratus	Enviror	nmental	Inc.	
Add	ress: 885 Jarvis Drive					BP/AR Facility Ac	ldres:	s:	731	W. 1	Mac/	Arthur	Blvd	., O:	aklan	d	Ad	dress	;	333	30 C	amei	ron Park				
Mor	gan Hill, CA 95937					Site Lat/Long:			•								1						rk, CA				····
_	PM: Lisa Race					California Global I	D#:	Τ(16001	0011	0						Co	nsult	ant/C		***		ct No.:				
Tele	Fax: 408-782-8156 408-782-630	8 (fax)				Enfos Project No.:	G	0C80	C-001	5							Co	nsulti	ant/C	ontra	ctor I	M:		Jay	Johnson	1	
BP/A	AR PM Contact; Paul Supple					Provision or RCO	o (cir	cle o	ne)		Prov	rision			· · · · · · · · · · · · · · · · · · ·		Tel	e/Fax	ς;	(53	0) 67	76-6	000 / (5:	30) 67(6-6005		
Addı	ess: 2010 Crow Canyon Place, Suite	e 150				Phase/WBS:		04-1	Monit	oring	3						Rep	ort T	ype a	& Q(C Lev	el:		Lev	el 1 wit	h EDF	
	San Ramon, CA					Sub Phase/Task:		03-	Analy	tical							E-n	nail E	DD '	To:	cje	vitt@	@stratu	sinc.n	et		
	Fax: 925-275-3506					Cost Element:		01-0	Contre	ictor	labo	r					Inv	oice (o: A	tlant	ic Ric	hfiel	đ Co.				
Lab	Bottle Order No:			M	atrix		\prod		Pı	reser	vativ	ve				Req	ueste	d Aı	ıalysi	5							,
Item No.		Time	Date	Soil/Solid Water/Liquid	Air	Laboratory No.	No. of Containers	Unpreserved	H ₂ SO ₄	HNO,	HCI	Methanol	GRO/BTFX/Oxv*	1 2 DCA	Ethanol	EDB	DRO						ļ		Comme	E, ETB	and E, DIPE,
1	A-3	1127	2/7/07	х	ПТ		3				\mathbf{x}		x	Τχ	x	$\overline{}$	Г			3							
			1 11-1		$\vdash \vdash$		3									1	1	\vdash									
	A-4	1210		X			<u> </u>	-			X		X		X			├	 			\dashv					
3	A-5	1200		X			3	ļ			x	\bot	X	X	X	X	<u> </u>	ļ									
4	A-8	1145		X			6			ļ	x		X	x	X	X											
5	TB 4931 020707	500		X			2				x		Х	X	X	Х							HOLD				
6		<u>'-/</u>												╫		\parallel											
							-	<u> </u>		-		_	╫	╢┈	╁	╂	\vdash		Н		-						
7					\vdash		_			-	\dashv		╬	╬	-		├										
8							_						_	╢_	╢_	-						_					
9																											
10													T												-		,
	oler's Name:	SIA	rale	<u> </u>	<u> </u>	Reling	uishe	l By	/ Affili	ation	 1	<u></u>	J	Jule Onte	ī	ime		44		ccer	ted B	y/A	ffiliation			Daje,	Time
	oler's Company:		FNU.			Muy Han	. /	Ľ								55		The s		7	5		A-S1	ر مرا	一	2/9/07	
	ment Date:		<u> </u>			The State of	~~						╢	, 11 =	7 70			,	<u>v • /c.</u>	-	/	//	A1 20:	<u> </u>		7.7.47	-8.1
	ment Method:			•									╫		1		-						-,,-				
	ment Tracking No:												1		1												
		Please	cc resul	ts to: rn	ıiller@l	oroadbentine.com																					
	Custody Seals In Place: Yes / N	0	Temp	Blank:	Yes/N	lo Cooler	Гет	on on	Rece	ipt:		°F/C			Ггір	Blanl	c: Ye	es/N	ło	1	MS	/MS	D Samp			: Yes /]	



27 February, 2007

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

RE: ARCO #4931, Oakland, CA Work Order: MQB0411

Enclosed are the results of analyses for samples received by the laboratory on 02/13/07 07:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race

Senior Project Manager

CA ELAP Certificate # 1210

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





Stratus Environmental Inc. [Arco] Project: ARCO #4931, Oakland, CA MQB0411
3330 Cameron Park Dr., Suite 550 Project Number: G0C8C-0015 Reported:
Cameron Park CA, 95682 Project Manager: Jay Johnson 02/27/07 12:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-3	MQB0411-01	Water	02/07/07 11:30	02/13/07 07:55
A-4	MQB0411-02	Water	02/07/07 12:10	02/13/07 07:55
A-5	MQB0411-03	Water	02/07/07 12:00	02/13/07 07:55
A-8	MQB0411-04	Water	02/07/07 11:45	02/13/07 07:55
TB 4931 020707	MQB0411-05	Water	02/07/07 05:00	02/13/07 07:55

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 intact custody seals.





Project: ARCO #4931, Oakland, CA

Project Number: G0C8C-0015 Project Manager: Jay Johnson MQB0411 Reported: 02/27/07 12:55

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

				-					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
A-3 (MQB0411-01) Water Sampled: 02/07/	07 11:30	Received: 02	/13/07 07	:55					
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7B17001	02/17/07	02/17/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		97 %	60-1	145	n	"	"	"	
A-4 (MQB0411-02) Water Sampled: 02/07/	07 12:10	Received: 02	/13/07 07:	:55					
Gasoline Range Organics (C4-C12)	4900	1000	ug/l	20	7B17001	02/17/07	02/17/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		106 %	60-1	45	"	"	n	**	
A-5 (MQB0411-03) Water Sampled: 02/07/	07 12:00	Received: 02	/13/07 07:	:55					
Gasoline Range Organics (C4-C12)	60	50	ug/l	1	7B21008	02/21/07	02/21/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		83 %	60-1	45	"	п	rt	tt	
A-8 (MQB0411-04) Water Sampled: 02/07/6	07 11:45	Received: 02	/13/07 07:	:55					
Gasoline Range Organics (C4-C12)	7600	2500	ug/l	50	7B19001	02/19/07	02/19/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-1	45	н	"	ri	"	





Project: ARCO #4931, Oakland, CA

Project Number: G0C8C-0015 Project Manager: Jay Johnson MQB0411 Reported: 02/27/07 12:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
A-3 (MQB0411-01) Water	Sampled: 02/07/07 11:30	Received: 02	2/13/07 0	7:55					
tert-Amyl methyl ether	ND	0.50	ug/l	1	7B17001	02/17/07	02/17/07	EPA 8260B	
Benzene	ND	0.50		I†	#	Ħ	II .	ti .	
tert-Butyl alcohol	ND	20	"	R	19	U	0	(1	
Di-isopropyl ether	ND	0.50	н	tt.	**	u	11	(1	
1,2-Dibromoethane (EDB)	ND	0.50	н	H	И	U	I†	(1	
1,2-Dichloroethane	ND	0.50	п	II	н	U	19	a	
Ethanol	ND	300	н	и	н	u	17	(1	
Ethyl tert-butyl ether	ND	0.50	11	и	и	U	1+	II	
Ethylbenzene	ND	0.50	**	"	и	0	If	u	
Methyl tert-butyl ether	0.58	0.50	†I	и	и	U	R	U	
Toluene	ND	0.50	Ħ	h	h	ti.	It	U	
Xylenes (total)	ND	0.50	11	11	н	0	И	II .	
Surrogate: Dibromofluorometh	iane	102 %	<i>75</i> -	-130	17	"	"	"	
Surrogate: 1,2-Dichloroethane	-d4	97 %	60-	-145	ır	n	и	**	
Surrogate: Toluene-d8		96 %	70-	-130	17	rr rr	n .	"	
Surrogate: 4-Bromofluorobenz	ene	89 %	60-	-120	n	"	II .	11	
A-4 (MQB0411-02) Water 5	Sampled: 02/07/07 12:10	Received: 02	/13/07 0	7:55					
tert-Amyl methyl ether	460	10	ug/l	20	7B17001	02/17/07	02/17/07	EPA 8260B	
Benzene	85	10	"	п	н	II .	It	0	
tert-Butyl alcohol	3000	400	я .	и	к	· ·	и	0	
Di-isopropyl ether	ND	10	**		К	1)	И	U	
1,2-Dibromoethane (EDB)	ND	10	tl	и	и	U	н	0	
1,2-Dichloroethane	ND	10	0	и	н	n	И	U	
Ethanol	ND	6000	(1	Ņ	н	0	H	U	
Ethyl tert-butyl ether	ND	01	0	И	н	U	н	U	
Ethylbenzene	40	10	U	"	н	. "	н	n	
Methyl tert-butyl ether	1500	10	0	11	H	н	И	ti .	
Toluene	ND	10	0	Ħ	И	U	Ч	D	
Xylenes (total)	ND	10	0	h	Ħ	U	"	lt .	
Surrogate: Dibromofluorometh	iane	98 %	75-	130	n	"	11	"	
Surrogate: 1,2-Dichloroethane	-d4	106 %	60-	145	n	n	11	Ħ	
Surrogate: Toluene-d8		97 %	70-	130	"	n	tt.	"	
Surrogate: 4-Bromofluorobenz	ene	98 %	60-	120	"	"	11	"	
•									





Project: ARCO #4931, Oakland, CA

Project Number: G0C8C-0015 Project Manager: Jay Johnson MQB0411 Reported: 02/27/07 12:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
A-5 (MQB0411-03) Water Sampled:	02/07/07 12:00	Received: 02	/13/07 07	:55					
tert-Amyl methyl ether	ND	0.50	ug/l	1	7B21008	02/21/07	02/21/07	EPA 8260B	
Benzene	ND	0.50	ti	JI	H	I+	H	11	
tert-Butyl alcohol	600	20	tı	и	17	1+	U	*1	
Di-isopropyl ether	ND	0.50	*1	И	t?	11	()	**	
1,2-Dibromoethane (EDB)	ND	0.50	11	И	t†	14	(1	41	
1,2-Dichloroethane	ND	0.50	tı	И	I†	н	11	#1	
Ethanol	ND	300	41	и	H	H	0	÷1	
Ethyl tert-butyl ether	ND	0.50	ti	и	#	17	(1	11	
Ethylbenzene	ND	0.50	U	н	*	14	U	*1	
Methyl tert-butyl ether	1.5	0.50	a	11	lf .	н	0	+1	
Toluene	ND	0.50	н	И	P	It	U	Ħ	
Xylenes (total)	ND	0.50	o	"	P	#		†I	
Surrogate: Dibromofluoromethane		94 %	75-	130	"	"	n	11	
Surrogate: 1,2-Dichloroethane-d4		83 %	60-	145	"	#	u	II.	
Surrogate: Toluene-d8		97 %	70-	130	u	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-	120	**	"	11	**	
A-8 (MQB0411-04) Water Sampled:	02/07/07 11:45	Received: 02	/13/07 07	7:55					
tert-Amyl methyl ether	330	25	ug/l	50	7B19001	02/19/07	02/19/07	EPA 8260B	
Benzene	2300	25	U	И	11	II .	Ħ	н	
tert-Butyl alcohol	ND	1000	0	И	U	II .	11	1(
Di-isopropyl ether	ND	25	U	H	U	O	"	I†	
1,2-Dibromoethane (EDB)	ND	25	41	И	g g	U	II	If .	
1,2-Dichloroethane	ND	25	11	ıt	0	ti ti	И	U	
Ethanol	ND	15000	Ħ	I+	41	tt	Д	0	
Ethyl tert-butyl ether	ND	25	"	14	#1	ti.	И	U	
Ethylbenzene	ND	25	11	17	†1	†I	II	U	
Methyl tert-butyl ether	1200	25	н	n	н	Ħ	И	u	
Toluene	ND	25	н	11	N	Ħ	lt	U	
Xylenes (total)	ND	25	"	II .	h	11	lt	n	
Surrogate: Dibromofluoromethane		91 %	7 5 -	130	ır	11	"	n	
5					11	II.	"	n .	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-	145		**	•		
		95 % 92 %		145 130	11	"	 #	n	



MQB0411 Reported:

02/27/07 12:55



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

Project: ARCO #4931, Oakland, CA

Project Number: G0C8C-0015
Project Manager: Jay Johnson

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 7B17001 - EPA 5030B P/T / L	UFT GCMS									
Blank (7B17001-BLK1)				Prepared o	& Analyze	ed: 02/17/	07			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.54		11	2.50		102	60-145			
Laboratory Control Sample (7B17001-B	S2)			Prepared o	& Analyze	ed: 02/17/)7			
Gasoline Range Organics (C4-C12)	536	50	ug/l	500		107	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.70		,,	2.50		108	60-145			
Laboratory Control Sample Dup (7B170	01-BSD2)			Prepared (& Analyze	ed: 02/17/0	07			
Gasoline Range Organics (C4-C12)	503	50	ug/l	500		101	75-140	6	20	
Surrogate: 1,2-Dichloroethane-d4	2.68		u	2.50	***************************************	107	60-145			
Batch 7B19001 - EPA 5030B P/T / L	UFT GCMS									
Blank (7B19001-BLK1)				Prepared o	& Analyze	ed: 02/19/	07			
Gasoline Range Organics (C4-C12)	ND	50	ug/i							A CONTRACTOR OF THE CONTRACTOR
Surrogate: 1,2-Dichloroethane-d4	2.36		11	2.50		94	60-145			
Laboratory Control Sample (7B19001-B	S2)			Prepared a	& Analyze	ed: 02/19/	07			
Gasoline Range Organics (C4-C12)	511	50	ug/l	500		102	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.39		n	2.50		96	60-145			
Laboratory Control Sample Dup (7B190	01-BSD2)			Prepared o	& Analyze	ed: 02/19/	07			
Gasoline Range Organics (C4-C12)	517	50	ug/l	500		103	75-140	1	20	
Surrogate: 1,2-Dichloroethane-d4	2.27		11	2.50		91	60-145			***************************************
Batch 7B21008 - EPA 5030B P/T / L	UFT GCMS									
Blank (7B21008-BLK1)				Prepared a	& Analyze	:d: 02/21/	07			
Gasoline Range Organics (C4-C12)	ND	50	ug/l					***************************************		***************************************
Surrogate: 1,2-Dichloroethane-d4	1.89		,,	2.50		76	60-145			





Project: ARCO #4931, Oakland, CA

Project Number: G0C8C-0015 Project Manager: Jay Johnson MQB0411 Reported: 02/27/07 12:55

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 7B21008 - EPA 5030B P/T /	LUFT GCMS									
Laboratory Control Sample (7B21008	-BS2)			Prepared	& Analyza	:d: 02/21/	07			
Gasoline Range Organics (C4-C12)	424	50	ug/l	500		85	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.19		"	2.50		88	60-145			
Laboratory Control Sample Dup (7B2	1008-BSD2)			Prepared	& Analyz	ed: 02/21/	07			
Gasoline Range Organics (C4-C12)	408	50	ug/l	500	***************************************	82	75-140	4	20	
Surrogate: 1,2-Dichloroethane-d4	2.01		rı .	2.50	·····	80	60-145	*		





Project: ARCO #4931, Oakland, CA

MQB0411 Reported:

Project Number: G0C8C-0015 Project Manager: Jay Johnson

02/27/07 12:55

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
									2.7.7.7.	

lank (7B17001-BLK1)				Prepared & An	alyzed: 02/17/	07	
rt-Amyl methyl ether	ND	0.50	ug/l				
nzene	ND	0.50	a				
-Butyl alcohol	ND	20	ų				
isopropyl ether	ND	0.50	н				
Dibromoethane (EDB)	ND	0.50	a				
Dichloroethane	ND	0.50	u				
nol	ND	300	ø				
l tert-butyl ether	ND	0.50	a				
Ibenzene	ND	0.50	0				
hyl tert-butyl ether	ND	0.50	n				
ene	ND	0.50	ų				
nes (total)	ND	0.50	ŧŧ				
ogate: Dibromofluoromethane	2.50		"	2.50	100	75-130	
ogate: 1,2-Dichloroethane-d4	2.54		н	2.50	102	60-145	
gate: Toluene-d8	2.40		Ħ	2.50	96	70-130	
gate; 4-Bromofluorobenzene	2.31		"	2.50	92	60-120	
oratory Control Sample (7B17001-BS1)				Prepared & An	alyzed: 02/17/	07	
myl methyl ether	9.03	0.50	ug/l	10.0	90	65-135	
ne	8.99	0.50	н	10.0	9 0	70-125	
utyl alcohol	163	20	и	200	82	60-135	
propyl ether	7.56	0.50	"	10.0	76	70-130	
ibromoethane (EDB)	9.43	0.50	н	10.0	94	80-125	
ichloroethane	9.36	0.50	н	10.0	94	75-125	
lol	176	300	"	200	88	15-150	
tert-butyl ether	8.23	0.50		10.0	82	65-130	
benzene	9.07	0.50	н	10,0	91	70-130	
yl tert-butyl ether	8.19	0.50	н	10,0	82	50-140	
ene	8.51	0.50	R	10.0	85	70-120	
nes (total)	26.3	0,50	If	30,0	88	80-125	
gate: Dibromofluoromethane	2,58		н	2.50	103	75-130	
gate: 1,2-Dichloroethane-d4	2,52		н	2.50	101	60-145	
ogate: Toluene-d8	2.48		"	2.50	99	70-130	
ogate: 4-Bromofluorobenzene	2.49		Ħ	2.50	100	60-120	





Project: ARCO #4931, Oakland, CA

Spike

Saurce

%REC

Project Number: G0C8C-0015 Project Manager: Jay Johnson

MQB0411 Reported: 02/27/07 12:55

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 7B17001 - EPA 5030B P/T / E	PA 8260B									
Matrix Spike (7B17001-MS1)	Source: MQ	QB0412-01		Prepared :	& Analyzo	07				
tert-Amyl methyl ether	19.8	1.0	ug/l	20.0	ND	99	65-135			
Benzene	19,8	1.0	*1	20.0	0.28	98	70-125			
tert-Butyl alcohol	392	40	U	400	45	87	60-135			
Di-isopropyl ether	15.7	1.0	ŋ	20.0	ND	78	70-130			
1,2-Dibromoethane (EDB)	22.8	1.0	n	20.0	ND	114	80-125			
1,2-Dichloroethane	18.5	1.0	D	20.0	ND	92	75-125			
Ethanol	329	600	It	400	ND	82	15-150			
Ethyl tert-butyl ether	17.2	1.0	Iŧ	20.0	ND	86	65-130			
Ethylbenzene	24.0	1.0	н	20.0	5.2	94	70-130			
Methyl tert-butyl ether	29,4	1.0	μ	20.0	13	82	50-140			
Toluene	19.9	1.0	и	20.0	0.88	95	70-120			
Xylenes (total)	59.0	1.0	ıı	60.0	1.3	96	80-125			
Surrogate: Dibromofluoromethane	2.48		н	2.50		99	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.35		"	2.50		94	60-145			
Surrogate: Toluene-d8	2.52		"	2,50		101	70-130			
Surrogate: 4-Bromofluorobenzene	2.61		"	2.50		104	60-120			
Matrix Spike Dup (7B17001-MSD1)	Source: MQ	QB0412-01		Prepared	& Analyze	ed: 02/17/	07			
ert-Amyl methyl ether	20.1	1.0	ug/l	20.0	ND	100	65-135	2	25	
Benzene	20.3	1.0	н	20.0	0.28	100	70-125	2	15	
ert-Butyl alcohol	396	40	н	400	45	88	60-135	ı	35	
Di-isopropyl ether	16.0	1.0	н	20.0	ND	80	70-130	2	35	
1,2-Dibromoethane (EDB)	22.8	1.0	H	20.0	ND	114	80-125	0	15	
1,2-Dichloroethane	18.6	1.0	It	20.0	ND	93	75-125	0.5	10	
Ethanol	342	600	tł.	400	ND	86	15-150	4	35	
Ethyl tert-butyl ether	18.3	1.0	It	20.0	ND	92	65-130	6	35	
Ethylbenzene	24,1	1.0	If	20.0	5.2	94	70-130	0.4	15	
Methyl tert-butyl ether	29.6	1,0	II.	20.0	13	83	50-140	0.7	25	
l'oluene	20.5	1.0	It	20.0	0.88	98	70-120	3	15	
Xylenes (total)	59.7	1.0	ıı	60.0	1.3	97	80-125	1	15	
Surrogate: Dibromofluoromethane	2.47		n	2.50		99	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.31		"	2.50		92	60-145			
Surrogate: Taluene-d8	2.54		"	2.50		102	70-130			
Surrogate: 4-Bromofluorobenzene	2.58		"	2.50		103	60-120			





Analyte

Project: ARCO #4931, Oakland, CA

Spike

Level

Source

Result

%REC

MQB0411 Reported:

%REC

Limits

RPD

Project Number: G0C8C-0015 Project Manager: Jay Johnson

02/27/07 12:55

Notes

RPD

Limit

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

Units

Reporting

Limit

Result

34.1

2.37

2.49

2.31

2.26

0.50

30.0

2.50

2.50

2.50

2.50

Batch 7B19001 - EPA 5030B P/T / EPA	8260B						
Blank (7B19001-BLK1)				Prepared & Ar	nalyzed: 02/19/	07	
tert-Amyl methyl ether	ND	0.50	ug/l				
Benzene	ND	0.50	n				
tert-Butyl alcohol	ND	20	l)				
Di-isopropyl ether	ND	0.50	ıŧ				
1,2-Dibromoethane (EDB)	ND	0.50	и				
1,2-Dichloroethane	ND	0.50	u				
Ethanol	ND	300	H				
Ethyl tert-butyl ether	ND	0.50	н				
Ethylbenzene	ND	0.50	н				
Methyl tert-butyl ether	ND	0.50	н				
Toluene	ND	0,50	11				
Xylenes (total)	ND	0.50	и				
Surrogate: Dibromofluoromethane	2.25		н	2.50	90	75-130	
Surrogate: 1,2-Dichloroethane-d4	2.36		If	2.50	94	60-145	
Surrogate: Toluene-d8	2.28		n	2.50	91	70-130	
Surrogate: 4-Bromofluorobenzene	2.20		"	2.50	88	60-120	
Laboratory Control Sample (7B19001-BS1)				Prepared & Ar	nalyzed: 02/19/	07	
tert-Amyl methyl ether	10.7	0.50	ug/l	10.0	107	65-135	
Benzene	10.5	0.50)ı	10.0	105	70-125	
tert-Butyl alcohol	205	20	н	200	102	60-135	
Di-isopropyl ether	10.1	0.50	н	0.01	101	70-130	
1,2-Dibromoethane (EDB)	11.6	0.50	'n	10.0	116	80-125	
1,2-Dichloroethane	11.4	0.50	ti	10.0	114	75-125	
Ethanol	195	300	#1	200	98	15-150	
Ethyl tert-butyl ether	10.4	0.50	*1	10.0	104	65-130	
Ethylbenzene	11.1	0.50	*1	10.0	111	70-130	
Methyl tert-butyl ether	10.8	0.50	ti	10.0	108	50-140	
Toluene	10.8	0.50	ti	10.0	108	70-120	
48.1 7 15							

Surrogate: Dibromofluoromethane

Surrogate: 1,2-Dichloroethane-d4

Surrogate: 4-Bromofluorobenzene

Xylenes (total)

Surrogate: Toluene-d8

80-125

75-130

60-145

70-130

60-120

114

95

100

92

90





Project: ARCO #4931, Oakland, CA

Spike

Source

MQB0411 Reported:

Project Number: G0C8C-0015
Project Manager: Jay Johnson

02/27/07 12:55

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 7B19001 - EPA 5030B P/T / E	CPA 8260B									
Matrix Spike (7B19001-MS1)	Source: Me	QB0411-04		Prepared o	& Analyze	ed: 02/19/	07			
tert-Amyl methyl ether	763	25	ug/l	500	330	87	65-135			
Benzene	2560	25	11	500	2300	52	70-125			EY, BE
tert-Butyl alcohol	10100	1000	**	10000	540	96	60-135			
Di-isopropyl ether	436	25	*1	500	ND	87	70-130			
1,2-Dibromoethane (EDB)	518	25	#1	500	ND	104	80-125			
1,2-Dichloroethane	499	25	11	500	ND	100	75-125			
Ethanol	10600	15000	н	10000	ND	106	15-150			
Ethyl tert-butyl ether	439	25	н	500	ND	88	65-130			
Ethylbenzene	503	25	и	500	24	96	70-130			
Methyl tert-butyl ether	1540	25	н	500	1200	68	50-140			
Toluene	500	25	It	500	21	96	70-120			
Xylenes (total)	1480	25	10	1500	ND	99	80-125			
Surrogate: Dibromofluoromethane	2.27		11	2,50		91	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.30		"	2.50		92	60-145			
Surrogate: Toluene-d8	2.24		"	2.50		90	70-130			
Surrogate: 4-Bromofluorobenzene	2.25		n	2.50		90	60-120			
Matrix Spike Dup (7B19001-MSD1)	Source: Mo	Prepared o	& Analyz	ed: 02/19/	07					
tert-Amyl methyl ether	836	25	ug/l	500	330	101	65-135	9	25	
Benzene	2540	25	ø	500	2300	48	70-125	8.0	15	EY, BE
tert-Butyl alcohol	10300	1000	п	10000	540	98	60-135	2	35	
Di-isopropyl ether	446	25	0	500	ND	89	70-130	2	35	
1,2-Dibromoethane (EDB)	527	25	0	500	ND	105	80-125	2	15	
1,2-Dichloroethane	499	25	ø	500	ND	100	75-125	0	10	
Ethanol	10700	15000	0	10000	ND	107	15-150	0.9	35	
Ethyl tert-butyl ether	452	25	ŧı	500	ND	90	65-130	3	35	
Ethylbenzene	476	25	tl tl	500	24	90	70-130	6	15	
Methyl tert-butyl ether	1630	25	4I	500	1200	86	50-140	6	25	
Toluene	488	25	Ħ	500	21	93	70-120	2	15	
Xylenes (total)	1460	25	**	1500	ND	97	80-125	1	15	
Surrogate: Dibromofluoromethane	2.26	***************************************	If .	2.50		90	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.43		"	2.50		97	60-145			
Surrogate: Toluene-d8	2,30		н	2.50		92	70-130			
Surrogate: 4-Bromofluorobenzene	2.29		11	2.50		92	60-120			





Project: ARCO #4931, Oakland, CA

Project Number: G0C8C-0015 Project Manager: Jay Johnson MQB0411 Reported: 02/27/07 12:55

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7B21008 - EPA 5030B P/T	/ EPA 8260B	-								
Blank (7B21008-BLK1)	LITTE CAVOD			Prepared o	& Analyze	ed: 02/21/0)7			
tert-Amyl methyl ether	ND	0.50	ug/l						***************************************	
Benzene	ND	0.50	U							
tert-Butyl alcohol	ND	20	ø							
Di-isopropyl ether	ND	0.50	U							
1,2-Dibromoethane (EDB)	ND	0.50	U							
1,2-Dichloroethane	סא	0.50	(1							
Ethanol	ND	300	11							
Ethyl tert-butyl ether	ND	0.50	*1							
Ethylbenzene	ND	0.50	**							
Methyl tert-butyl ether	ND	0.50	**							
Toluene	ND	0.50	÷ı							
Xylenes (total)	ND	0.50	11							
Surrogate: Dibromofluoromethane	2,38		IT	2.50		95	75-130		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Surrogate: 1,2-Dichloroethane-d4	1.89		"	2.50		76	60-145			
Surrogate: Toluene-d8	2.44		u	2.50		98	70-130			
Surrogate: 4-Bromofluorobenzene	2.12		"	2.50		85	60-120			
Laboratory Control Sample (7B21008	8-BS1)			Prepared a	& Analyze	ed: 02/21/0)7			
tert-Amyl methyl ether	8,68	0,50	ug/l	10.0		87	65-135			
Benzene	9.39	0.50	п	10.0		94	70-125			
tert-Butyl alcohol	163	20	U	200		82	60-135			
Di-isopropyl ether	7.66	0.50	(1	10.0		77	70-130			
1,2-Dibromoethane (EDB)	9.64	0.50	u	10.0		96	75-140			
1,2-Dichloroethane	7.67	0.50	ti	10.0		77	75-125			
Ethanol	190	300	ţ1	200		95	15-150			
Ethyl tert-butyl ether	7.58	0.50	41	10.0		76	65-130			
Ethylbenzene	9.28	0.50	11	10.0		93	70-130			
Methyl tert-butyl ether	7.85	0.50	+1	10.0		78	50-140			
Toluene	8.93	0.50	†1	10.0		89	70-120			
Xylenes (total)	27.6	0.50)1	30.0		92	80-125			
Surrogate: Dibromofluoromethane	2.37		ff.	2.50		95	75-130			***************************************
Surrogate: 1,2-Dichloroethane-d4	2.03		"	2.50		81	60-145			
Surrogate: Toluene-d8	2.51		"	2,50		100	70-130			
Surrogate: 4-Bromofluorobenzene	2.36		"	2,50		94	60-120			





Project: ARCO #4931, Oakland, CA

Project Number: G0C8C-0015
Project Manager: Jay Johnson

MQB0411 Reported: 02/27/07 12:55

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7B21008 - EPA 5030B P/T / E	PA 8260B									
Matrix Spike (7B21008-MS1)	Source: M	QB0549-01		Prepared	& Analyze	d: 02/21/	07			
tert-Amyl methyl ether	10.3	0.50	ug/l	10.0	ND	103	65-135			
Benzene	11.1	0.50	tı	0.01	ND	111	70-125			
tert-Butyl alcohol	196	20	Ħ	200	ND	98	60-135			
Di-isopropyl ether	8.40	0.50	ti	10,0	ND	84	70-130			
1,2-Dibromoethane (EDB)	12.2	0.50	Ħ	10,0	ND	122	75-140			
1,2-Dichloroethane	9.79	0.50	"	10.0	ND	98	75-125			
Ethanol	194	300		200	ND	97	15-150			
Ethyl tert-butyl ether	9.11	0.50	U	10.0	ND	91	65-130			
Ethylbenzene	10.8	0.50	"	10.0	ND	108	70-130			
Methyl tert-butyl ether	9.49	0.50	ı,	10.0	ND	95	50-140			
Toluene	10.8	0.50		10.0	ND	108	70-120			
Xylenes (total)	32.1	0.50	U	30.0	ND	107	80-125			
Surrogate: Dibromofluoromethane	2.47		"	2.50		99	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.19		"	2.50		88	60-145			
Surrogate: Toluene-d8	2.52		"	2.50		101	70-130			
Surrogate: 4-Bromofluorobenzene	2.42		"	2.50		97	60-120			
Matrix Spike Dup (7B21008-MSD1)	Source: M	IQB0549-01		Prepared	& Analyze	ed: 02/21/	07			
tert-Amyl methyl ether	9.65	0.50	ug/i	10.0	ND	96	65-135	7	25	
Benzene	10.4	0.50	U	10.0	ND	104	70-125	7	15	
tert-Butyl alcohol	184	20	1)	200	ND	92	60-135	6	35	
Di-isopropyl ether	8.06	0.50	Ű	10.0	ND	81	70-130	4	35	
1,2-Dibromoethane (EDB)	11.0	0.50	ti	0.01	ND	110	75-140	10	15	
1,2-Dichloroethane	9.17	0.50	ti	0.01	ND	92	75-125	7	10	
Ethanol	191	300	ti	200	ND	96	15-150	2	35	
Ethyl tert-butyl ether	8.41	0.50	**	0.01	ND	84	65-130	8	35	
Ethylbenzene	10.2	0.50		10.0	ND	102	70-130	6	15	
Methyl tert-butyl ether	8.82	0.50	н	10.0	ND	88	50-140	7	25	
Toluene	10.0	0.50	Ħ	10.0	ND	100	70-120	8	15	
Xylenes (total)	30.4	0.50	Ħ	30.0	ND	101	80-125	5	15	
Surrogate: Dibromofluoromethane	2,42		II.	2.50		97	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.14		"	2.50		86	60-145			
Surrogate: Toluene-d8	2.52		"	2.50		101	70-130			
Surrogate: 4-Bromofluorobenzene	2.38		11	2.50		95	60-120			





Stratus Environmental Inc. [Arco]
Project: ARCO #4931, Oakland, CA
MQB0411
3330 Cameron Park Dr., Suite 550
Project Number: G0C8C-0015
Cameron Park CA, 95682
Project Manager: Jay Johnson
02/27/07 12:55

Notes and Definitions

PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
EY	Result exceeds normal dynamic range; reported as a min. est.
BB	Sample > 4x spike concentration
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Page	İ	of	1	

Atlantic Richfield
Company
A BP affiliated company

Chain of Custody Record

Project Name: BP 4931 BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > CA > Alameda>4931

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

On-site Time: 1/00	Temp: CODI
Off-site Time: 17.35	Temp: COO
Sky Conditions: Alaca	
Meteorological Events: NOn-e	,
Wind Speed:	Direction: n/a

Lab	Name: TestAmerica					BP/AR Facility No	.:	49	931					*		*******	Con	cultor	t/Cn	ntro	tor		Stratus Environments	.1 7	-
Add	ress: 885 Jarvis Drive					BP/AR Facility Ad				W. N	/ac/	rthur]	Rhud	. Oa	klanı	1	Consultant/Contractor: Stratus Environmental, Inc. Address: 3330 Cameron Park Drive, Suite 550								
Mor	gan Hill, CA 95937					Site Lat/Long:		<u>. </u>		,,,,,,	1-1-1		211.0	1 04	******	-	Cameron Park, CA 95682								
Lab.	PM: Lisa Race					California Global I	D#:	TO	6001	10011	0				-		Consultant/Contractor Project No.:						····		
Tele	Fax: 408-782-8156 408-782-630	8 (fax)				Enfos Project No.:					<u> </u>					······································	Consultant/Contractor PM; Jay Johnson								
	AR PM Contact: Paul Supple					Provision or RCOP					Prov	ision	-				Tele/Fax: (530) 676-6000 / (530) 676-6005								
Addı	ess: 2010 Crow Canyon Place, Suit	e 150				Phase/WBS:	<u> </u>			toring		201021						Report Type & QC Level: Level 1 with EDF							
	San Ramon, CA					TOPOLE									_			②stratusinc.net	nn EDF						
Tele/	Fax: 925-275-3506					Cost Element: 01-Contractor labor Invoice																			
Lab	Bottle Order No:			M	atrix					reser			7			Regi	_				7 1(10)	1	1 00.		
Item No.	Sample Description	Time	Date	Soil/Solid Water/Liquid	Air	Laboratory No.	No. of Containers	Unpreserved	H ₂ SO ₄)3	HCI	Methanol	GRO/BTFX/Oxv*	1.2 DCA	Ethanol		DRO						Sample Point I Comn *Oxy = MTBD, TAI TB	•	
1_1_	A-3	1130	2/7/07	Х		lo	3				х		\mathbf{x}	x	x	x		T	T						
2	A-4	1210		x		02	3				х		x	Х	+	x				\dashv	\dashv				
3	A-5					03	3	\vdash					-1			 	-	-	-		\dashv				
		1200		<u> x</u>							X		X	X	X	X		_	_		_				
4	A-8	1145		X		04	6				X		Х	X	X	X									
5	TB 4931 020707	<u>500</u>		<u> </u>		05	2			:	x		Х	X	x	х			ı				HOLD		
6			ŧ								1														
7							П				┪	_	╁╴	╫	╢┈	╫┈			-+	\dashv	\dashv				
							Н		-	-	\dashv		╢┈	╢╌	╫	╟─					\dashv				
8				-			\vdash						╨		╬	<u> </u>			_	_		_			
9											_		1_	╨	_										
10													┸				_			-					<u> </u>
Sam	pler's Name: PiM	<u> Gor</u>	rales			Reling	uishe	l By	ΑΠ	liation	ı		j)ate	T	ime		n /	一	CCCP	ted By	y / A	filiation	Daje,	Time
	oler's Company: Dou	los	Env.			Mun Ston			$\overline{}$				7	19/0	16	55	//	West.	1//	7	5		-A-SAE		1655
	ment Date;					1		his	<u>Z</u>					12		50	0	ud	u	1	WA		705	2-13-01	7:5
	ment Method:												7						-						
	ment Tracking No:]									
Speci	al Instructions:	Please	cc result	s to; m	niller@t	proadbentine.com																			
- None	Custody Seals In Place: (es) N	0	Temp	Blank	Ŷes/N	lo Cooler I	emp	on .	Rece	eipt:	ما	°F/C)	T	rip I	Blank	: (e)/No	i e		MS/	MS	D Sample Submitte	d:(Yes)/	No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BP REC. BY (PRINT) A, M. WORKORDER: MQB0411		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	2-13- 715 211	07 5 3107				Nory Purposes? WATER YES NO
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE#	CLIENT ID	CONTAINER DESCRIPTION		рН	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
Custody Seal(s) Present / Absent Intact / Broken*	•							
2. Chain-of-Custody Present / Absent*					··			
Traffic Reports or Packing List: Present / Absent								
4. Airbill: Airbill / Sticker								
5. Airbill #: See Affached			N ₂				-/-	
6. Sample Labels: Present / Absent		•				09		
7. Sample IDs: Listed / Not Listed								
on Chain-of-Custody					he			
8. Sample Condition: (Intact / Broken* /				Α.				
Leaking*				N. M.				
9. Does information on chain-of-custody,								
traffic reports and sample labels		•	0-6					
agree? (feg) / No*	<u> </u>		0-1/					
10. Sample received within			γ					
hold time? Yes y No*								
11. Adequate sample volume		/	,					•
received? Yes/ No*								
12. Proper-preservatives used? Yes / No* 13. (Trip Blank Temp Blank Received?								D. Delay
								Š.
(circle which, if yes) (Yes / No* 14. Read Temp:	<u> </u>							Constitution
· · · · · · · · · · · · · · · · · · ·								
Corrected Temp: 6°C Is corrected temp 4 +/-2°C? (es)/ No**				··				William Control
(Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE								
or Problem COC								

SRL Revision 8

Replaces Rev 7 (07/19/05)

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

Page _____of __t

California Overnight Shipping Label



Date Printed 2/12/2007

Shipped From: TEST AMERICA - SACRAMENTO 819 STRIKER AVENUE 8 SACRAMENTO, CA 95834

Ship To Company: TESTAMERICA - MORGAN HILL 885 JARVIS DR MORGAN HILL, CA 95037 SAMPLE CONTROL (408)776-9600



Tracking#D10010120563667

Sent By: TIM ALBRIGHT Phone#: (916)921-9600

wgt(lbs): 60 Reference:

Decl. Value: \$0.00

Service: S

Sort Code: SJC

Special Services:

APPENDIX B

HISTORICAL GROUND-WATER DATA

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 4931
731 West MacArthur Boulevard, Oakland, California

Well Number Gauged/ Sampled Elevation (feet, MSL) Water (feet, MSL) Gasoline (ppb) Benzene Toluene (ppb)	Ethyl- benzene 2 (ppb) <0.5 <0.5 <0.5	Total Xylenes (ppb)	MTBE B021B* (ppb)	MTBE 8260	Dissolved Oxygen	Purged/
Number Sampled (feet, MSL) (feet, MSL) (feet, MSL) (ppb) (ppb) (ppb)	(ppb) <0.5 <0.5	(ppb)			UZVOCO	Not Purged
A-2 03/26/96 55.48 5.37 50.11 <50 <0.5 <0.5 A-2 05/22/96 55.48 5.25 50.23 <50 <0.5 <0.5 A-2 08/22/96 55.48 10.45 45.03 <50 1.1 1.8 A-2 12/19/96 55.48 5.53 49.95 <50 <0.5 <0.5 A-2 04/01/97 55.48 8.77 46.71 <50 <0.5 <0.5 <0.5 A-2 05/27/97 55.48 9.87 45.61 <50 <0.5 <0.5 <0.5 A-2 08/12/97 55.48 10.63 44.85 <50 <0.5 <0.5 <0.5 A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 07/29/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 <0.5 A-2 06/02/99 55.48 4.46 51.02 <50 <0.5 <0.5 <0.5 A-2 08/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5			(ppb)	(madd)	(P/NP)
A-2 05/22/96 55.48 5.25 50.23 <50 <0.5 <0.5 <0.5 A-2 08/22/96 55.48 10.45 45.03 <50 1.1 1.8 A-2 12/19/96 55.48 5.53 49.95 <50 <0.5 <0.5 <0.5 A-2 04/01/97 55.48 8.77 46.71 <50 <0.5 <0.5 <0.5 A-2 05/27/97 55.48 9.87 45.61 <50 <0.5 <0.5 <0.5 A-2 08/12/97 55.48 11.11 44.37 <50 <0.5 <0.5 <0.5 A-2 08/12/97 55.48 10.63 44.85 <50 0.9 2.8 A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 07/29/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 07/29/98 55.48 10.82 44.66 <50 <0.5 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 <0.5 <0.5 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5					(11111)
A-2 08/22/96 55.48 10.45 45.03 <50 1.1 1.8 A-2 12/19/96 55.48 5.53 49.95 <50 <0.5 <0.5 A-2 04/01/97 55.48 8.77 46.71 <50 <0.5 <0.5 A-2 05/27/97 55.48 9.87 45.61 <50 <0.5 <0.5 A-2 08/12/97 55.48 11.11 44.37 <50 <0.5 <0.5 A-2 08/12/97 55.48 10.63 44.85 <50 0.9 2.8 A-2 03/18/98 55.48 10.63 44.85 <50 0.9 2.8 A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 A-2 07/29/98 55.48 10.82 44.66 <50 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 A-2 02/19/99 55.48 5.59 49.89 <50 <0.5 <0.5 A-2 06/02/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 08/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 A-3 03/26/96 54.66 7.70 46.96 <50 <0.5 <0.5 A-3 08/22/96 54.66 7.70 46.96 5.900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 <20 A-3 08/12/97 54.66 10.55 44.11 2,300 <20 <20 <20 A-3 08/12/97 54.66 10.55 44.11 2,300 <20 <20 <20 A-3 08/12/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sa		<0.5	NA	NA	NM	
A-2 12/19/96 55.48 5.53 49.95 <50 <0.5 <0.5 <0.5 A-2 04/01/97 55.48 8.77 46.71 <50 <0.5 <0.5 <0.5 A-2 05/27/97 55.48 9.87 45.61 <50 <0.5 <0.5 <0.5 A-2 08/12/97 55.48 11.11 44.37 <50 <0.5 <0.5 <0.5 A-2 11/14/97 55.48 10.63 44.85 <50 0.9 2.8 A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 07/29/98 55.48 8.94 46.54 <50 <0.5 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 <0.5 A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 <0.5 <0.5 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5		<0.5	NΑ	NA	NM	
A-2 04/01/97 55.48 8.77 46.71 <50 <0.5 <0.5 <0.5 A-2 05/27/97 55.48 9.87 45.61 <50 <0.5 <0.5 <0.5 A-2 08/12/97 55.48 11.11 44.37 <50 <0.5 <0.5 <0.5 A-2 08/12/97 55.48 11.11 44.37 <50 <0.5 <0.5 <0.5 A-2 05/27/97 55.48 11.11 44.37 <50 <0.5 <0.5 <0.5 A-2 11/14/97 55.48 10.63 44.85 <50 0.9 2.8 A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 07/29/98 55.48 8.94 46.54 <50 <0.5 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 <0.5 A-2 02/19/99 55.48 55.59 49.89 <50 <0.5 <0.5 A-2 06/02/99 55.48 55.59 49.89 <50 <0.5 <0.5 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 10/26/99 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-3 03/26/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.88 43.78 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 05/18/98		1.3	<2.5	NA	MPI	
A-2 05/27/97 55.48 9.87 45.61 <50 <0.5 <0.5 <0.5 A-2 08/12/97 55.48 11.11 44.37 <50 <0.5 <0.5 <0.5 A-2 11/14/97 55.48 10.63 44.85 <50 0.9 2.8 A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 07/29/98 55.48 8.94 46.54 <50 <0.5 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 <0.5 A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 <0.5 <0.5 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5	<0.5	2.7	NΑ	NM	:
A-2 08/12/97 55.48 11.11 44.37 <50 <0.5 <0.5 <0.5 A-2 11/14/97 55.48 10.63 44.85 <50 0.9 2.8 A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 07/29/98 55.48 8.94 46.54 <50 <0.5 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 <0.5 A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 <0.5 <0.5 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5	<0.5	<2.5	NA	NM	ļ
A-2 11/14/97 55.48 10.63 44.85 <50 0.9 2.8 A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 A-2 07/29/98 55.48 8.94 46.54 <50 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 <0.5 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 10/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 08/26/99 55.48 3.10 52.38 <50 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Se A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 10.55 44.11 2,300 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 03/18/98 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 8.24 46.42 <1,000 A-3 03/18/98 54.66 8	<0.5	<0.5	4.5	NA	MM	ļ
A-2 03/18/98 55.48 3.58 51.90 <50 <0.5 <0.5 A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 A-2 07/29/98 55.48 8.94 46.54 <50 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 <0.5 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5	<0.5	5,6	NA	NM	į
A-2 05/19/98 55.48 4.82 50.66 <50 <0.5 <0.5 <0.5 A-2 07/29/98 55.48 8.94 46.54 <50 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 A-2 05/05/99 55.48 5.59 49.89 <50 <0.5 0.5 0.6 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 10/26/99 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Se A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	<0.5	2.4	27	NA	2.6	1
A-2 07/29/98 55.48 8.94 46.54 <50 <0.5 <0.5 A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 <0.5 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Se A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled: Well Sampled Se A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 10.55 44.11 2,300 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.56 5.05 49.61 Not Sampled: Well Sampled Se	<0.5	<0.5	⊴	NΑ	NM	
A-2 10/09/98 55.48 10.82 44.66 <50 <0.5 <0.5 <0.5 A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 0.6 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Set A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled: Well Sampled Set A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Set A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Set A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Set A-3 03/18/98 54.66 5.05	<0.5	<0.5	⋖	NA	1.30	P
A-2 02/19/99 55.48 4.46 51.02 <50 <0.5 <0.5 A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 0.6 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Se A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled: Well Sampled Se A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	< 0.5	<0.5	⋖	NA	1.2	MР
A-2 06/02/99 55.48 5.59 49.89 <50 <0.5 0.6 A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Se A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled: Well Sampled Se A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	<0.5	<0,5	⋖3	NA	0.5	NP
A-2 08/26/99 55.48 10.67 44.81 <50 <0.5 <0.5 <0.5 A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5	< 0.5	<3	NA	3.0	P
A-2 10/26/99 55.48 4.61 50.87 <50 <0.5 <0.5 A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Se A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled: Well Sampled Se A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	<0,5	<0.5	<3	NΑ	5.35	NP
A-2 02/25/00 55.48 3.10 52.38 <50 <0.5 <0.5 A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Se A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled; Well Sampled Se A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	<0.5	<0.5	⋖3	ΝA	0.79	NP
A-3 03/26/96 54.66 7.20 47.46 Not Sampled: Well Sampled Se A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled; Well Sampled Se A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	<0.5	<]	<3	NA	2.14	P
A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled; Well Sampled St A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled St A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled St A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled St	<0.5	<1	<3	NA	4.21	NP
A-3 05/22/96 54.66 7.70 46.96 <50 1.2 1.9 A-3 08/22/96 54.66 10.88 43.78 Not Sampled: Well Sampled Se A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	Maunnaile	Ļ				
A-3 12/19/96 54.66 7.70 46.96 5,900 <2.5 <2.5 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	0.7	1.3	NA	НA	NM	ŀ
A-3 12/19/96 54.66 7.70 46.96 5,900 <25 <25 A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	mianmally		****	11/1	14141	Į
A-3 04/01/97 54.66 9.78 44.88 Not Sampled: Well Sampled Se A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	<25	<25	NΑ	5,300	NM	ĺ
A-3 05/27/97 54.66 10.55 44.11 2,300 <20 <20 A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se		-22	1176	טטטויר	IAIAI	
A-3 08/12/97 54.66 11.12 43.54 Not Sampled: Well Sampled Se A-3 11/14/97 54.66 8.24 46.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se	<20	<20	3,800	NΑ	NM	
A-3 11/14/97 54.66 8.24 45.42 <1,000 <10 <10 A-3 03/18/98 54.66 5.05 49.61 Not Sampled: Well Sampled Se		-200	3,000	na	IMIM	1
A-3 03/18/98 54.56 5.05 49.61 Not Sampled: Well Sampled Se	<10	<10	1,500	ŇĀ	3.8	-
A-3 05/19/98 54.66 9.00 45.66 <250 <25 <25		-,,,	1,300	m	3.6	
	<2.5	<2.5	220	NΑ	4.00	
A-3 07/29/98 54.66 9.86 44.80 Not Sampled: Well Sampled Se			240	17A	4,60	P
A-3 10/09/98 54.66 11.36 43.30 <259 <2.5 <2.5	~2.5	<2.5	70	ЖTА	, -	, <u>,</u>
A T PROPOSE CONTRACTOR OF THE PROPOSE CONTRA	`L.J		260	ŇΑ	1.0	NP
A-3 06/02/99 54.66 10.82 43.84 120 <1 <1	[†] <0.5	<0,5 <1	<3 160	NA NA	2, <i>5</i> 2.78	NP NP

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

	Date	Well	Depth to	Groundwater	TPH			Ethyl-	Total	MTBE	MTBE	Dissolved	Purged/
Well	Gauged/	Elevation	Water	Elevation	Gasoline	Benzene	Toluene	benzene		8021B*	8260	Oxygen	Not Purged
Number	Sampled	(feet, MSL)	(feet, TOB)	(fect, MSL)	(ppb)	(ppb)	(ppb)	(ppb)	(dad)	(ppb)	(ppb)	(ppm)	(P/NP)
A-3	08/26/99			47.00						(PP0)	(1)10/	·····	(P/NP)
II	10/26/99	54.66	10.73	43.93	Not Sampl				-			0.95	i
A-3 A-3	02/25/00	54.66	6,58	48.08	<50		<0.5	<0.5	. <i< td=""><td>32</td><td>NA</td><td>2.06</td><td>NP</td></i<>	32	NA	2.06	NP
A-3	U2/23/UU	54.66	5.41	49,25	Not Sampl	ed: Well S	ampled Se	emianoval	lъ				
A-4	03/26/96	54.73	7.95	46.78	8,900	1,200	21	200	220	NA	NA	NM	
A-4	05/22/96	54.73	8.35	46.38	5,300	700	<10	170	130	NA	NA	NM	
A-4	08/22/96	54.73	11.03	43.70	3,000	480	<5.0	75	26	150	NA	NM	
A-4	12/19/96	54.73	8.67	46.06	<2,000	<20	<20	<20	<20	NA	15,000	NM	Ì
A-4	04/01/97	<i>54.7</i> 3	11.95	42.78	8,900	1,700	22	310	260	6,900	NA.	NM	
A-4	05/27/97	<i>54.7</i> 3	10.80	43.93	7,100	960	<20	150	74	7,900	NA	NM	
A-4	08/12/97	54.73	11.38	43.35	4,300	670	12	51	27	2,800	NA	NM	
A-4	11/14/97	54.73	7.74	46.99	<20,000	300	500	<200	<200	27,000	NA	2.2	
A-4	03/18/98	54.73	6.80	47.93	4,700	600	<20	99	94	1,200	NA	1.0	
A-4	05/19/98	54.73	9.0 <i>6</i>	45.67	<2000	<20	<20	<20	720	2,000	NA	1.28	P
A-4	07/29/98	54.73	10,05	44.68	8,400	1,300	<20	290	130	1,800	NA	0.7	NP
A-4	10/09/98	54.73	11.20	43 <i>.5</i> 3	3,500	400	<20	54	<20	1,700	NA	1.0	NP
A-4	02/19/99	54.73	6.85	47.88	<1,000	<10	<10	<10	12	650	NA	0.1	NP
A-4	06/02/99	54.73	11.00	43.73	6,100	760	16	260	89	2,300	NA	1.12	NP
A-4	08/26/99	54.73	10.80	43.93	1,100	68	5	8	4	1,400	NA	1.15	NP
A-4	10/26/99	54.73	10.11	44.62	1,500	39	2.3	9.0	5	1,700	NA	10.12	NP
A-4	02/25/00	54.73	5.90	48.83	870	53	1.1	4.6	20	600	NA	1.72	NP
A-5	03/26/96	54.17	7.02	46.04	M-10								
A-5	05/22/96	54.17	7.93 8.20	46,24	Not Sample	a: Well S							
A-5	08/22/96	54.17		45.97	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NM	
A-5	12/19/96		10.70	43.47	Not Sample	ia: Well Si							
	04/01/97	54.17	8.39	45.78	9,900	1,100	330	230	700	NA	24	NM	
	05/27/97	54.17	10.83	43.34	Not Sample	d: Well S	unpled Se						
		54.17	10.65	43.52	100	<0.5	<0.5	<0.5	<0.5	120	NA	NM	
	08/12/97	54.17	11.05	43.12	Not Sample								\$
A-5	11/14/97	54.17	10.51	43.66	<50	<0.5	<0,5	<0.5	<0,5	41	NA	4.8	H
	03/18/98	54.17	8.10	46.07	Not Sample		impled Se	miaonuall	}				i
A-5	05/19/98	54.17	9.31	44.86	590	<5	<5	<5	<5	710	NA	2.48	P

X'N_cm/_waste\BP GEM\Sites\Scott Robinson\Paul Supple\493\\Delta's Flies\Tobles\493\\T Corporation Historical Data_XI.
Recented from electronic data provided by IT Corporation.

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

	Date	Well	Depth to	Groundwater	TPH			Ethyl-	Tolai	MTBE	MTBE	Dissolved	Purged/
Well	Gauged/	Elevation	Water	Elevation	Gasoline	Benzene	Toluene	benzene	Xylenes	8021B*	8260	Охудеп	Not Purged
Number	Sampled	(feet, MSL)	(feet, TOB)	(feet, MSL)	(ppb)	(dqq)	(ppb)	(ppb)	(dgg)	(ppb)	(ppb)	(magg)	(P/NP)
A-5	07/29/98	54.17	9.89	44.28	Not Sampl	ade Wall E					. \ /_	((47742)
A-5	10/09/98	54.17	11.02	43.15	Not Sampl 690	eu: wen 5 <5							
A-5	02/19/99	54.17	6.82	47.35	<2,000	<20	<5 <20	<5 <20	<5 ~0	710	NA	1.0	
A-5	06/02/99	54.17	10.82	43.35	1,500	<0.5	2.3	<0.5	<20 <0.5	2,300	NA	0.6	NP
A-5	08/26/99	54.17	10.65	43.52	Not Sampl			C.U~ !ouwenime	~U,3 1.	2,400	NA	2.81	NP
A-5	10/26/99	54.17	10.35	43.82	380	CO. 17 CA 13	ampieu 3: <0.5	-0.5	t) <[440	NT 4	0.49	
A-5	02/25/00	54.17	6.89	47.28	Not Sampl			C.U~ Inverente	~↓ Ia	440	NA	1.55	NP
			4.03		r tor pampr	ca, nchi	embien 9	emiomini	13				
A-6	03/26/96	55.17	7.15	48.02	52	2.7	<0.5	1.1	2.0	NA	NA	NM	
A-6	05/22/96	55.17	7.35	47.82	<50	2.4	<0.5	0.88	1.7	NA	NA	NM	
A-6	08/22/96	<i>55</i> .17	10.12	45.05	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA.	NM	
A-6	12/19/96	55.17	7.43	47.74	<50	1.7	<0.5	0.78	1.5	<2.5	NA	NM	
A-6	04/01/97	55,17	9.97	45,20	<50	4.7	<0.5	1.9	3.2	<2.5	NA	NM	
A-6	05/27/97	55,17	9.66	45,51	<50	0.69	<0.5	<0.5	<0.5	<2.5	NA	NM	
A-6	08/12/97	55.17	10.43	44.74	<50	<0.5	<0,5	<0.5	<0.5	<2.5	NA	NM	
A-6	11/14/97	55.17	9.76	45.41	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	<1.0	
A-6	03/18/98	55.17	7.00	48.17	<50	6.2	0.5	2.3	2.6	<3	NA	3.0	
А-б	05/19/98	55.17	8 <i>.</i> 27	46.90	<50	<0.5	<0.5	1.3	4.7	<3	NA	2.16	P
A-6	07/29/98	55.17	8.96	46.21	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	0,8	NP
A-6	10/09/98	55.17	10.23	44.94	<50	<0.5	<0.5	<0.5	< 0.5	<3	NA	0.1	NP
А-б	02/19/99	55.17	5.79	49.38	<50	<0,5	<0.5	<0.5	< 0.5	5	NA	0.4	NP
A-6	06/02/99	55.17	9.71	45.46	<50	<0,5	<0.5	<0.5	< 0.5	<3	NA	2.00	NP
A-6	08/26/99	55.17	9.79	45,38	<50	<0.5	<0.5	<0.5	0.7	⊲	NA	0.66	NF
A-6	10/26/99	55.17	9.70	45.47	<50	<0.5	<0.5	<0.5	<i< td=""><td><3</td><td>NA</td><td>1.66</td><td>NP</td></i<>	<3	NA	1.66	NP
A-6	02/25/00	. 55.17	5.68	49.49	<50	<0.5	<0.5	<0.5	</td <td><3</td> <td>NA</td> <td>1.22</td> <td>NP</td>	<3	NA	1.22	NP
A-7	03/26/96	54.71	6.90	A7 01	Nt. o	1 177 11 15							
	05/22/96	54.71	8.27	47.81	Not Sample	a: Well St							
	08/22/96			46.44	<50	<0.5	<0.5	<0.5	<0.5	NΑ	NA	NM	ļ
		54.71	9.80	44.91	Not Sample	or Mell St	impled Se	miannuall	ን				
	12/19/96	54.71	7.19	47.52	Not Sample	d: Well Sa	unpled Ar	mually					
	04/01/97	54.71	9.63	45.08	Not Sample		impled Ar	inually					
A-7	05/27/97	54.71	9.34	45.37	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NM	

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

	Date	Well	Depth to	Groundwater	TPH			Ethyl-	Total	MTBE	MTBE	Dissolved	Purged/
Well	Gauged/	Elevation	Water	Elevation	Gasoline	Benzene	Toluene			8021B*	8260	Oxygen	Not Purged
Number	Sampled	(feet, MSL)	(feet, TOB)	(feet, MSL)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	(P/NP)
A-7	08/12/97	54.71	10.10	44.C1					VEE-7	(PPO)	(PPD)	/hbittl	(L/INF)
A-7	11/14/97	54.71	9.35	44.61	Not Sampl	ea: Well 5	A Delquia	unnally					
A-7	03/18/98	54.71	6.75	45.36 47.96	Not Sampl	ed: Well 5	iempied A	nnually					
A-7	05/19/98	54.71	8,85		Not Sampl								
A-7	07/29/98	54.71	8.84	45.86	<50		<0.5	<0.5	<0.5	<3	NA	1.82	P
A-7	10/09/98	54.71	10.05	45.87 44.66	Not Sampl	ea: weu 8	ampled A	nnually					
A-7	02/19/99	54.71	5.57		Not Sampl								
A-7	06/02/99	54.71	9.56	49.14 45.15	<50 <50		<0.5	< 0.5	<0.5	<3	NA	4.7	NP
A-7	08/26/99	54.71	9.66				<0.5	<0.5	<0.5	<3	NA	2.17	NP
A-7	10/26/99	54.71	9,54	45.05 45.17	Not Sampl	ea: well 5	ampled A	nnually				0.49	
A-7	02/25/00	54.71	5.60	49.11	Not Sampl	60: Men 2	ampien A	nnoally				1.26	
1,7-7	UZIZJIUU	34.71	3.00	49,11	Not Sample	ea: well s	ampled A	nnually					ĺ
A-B	03/26/96	53.77	7.10	46.67	48,000	2,600	<100	650	1.100	NA	NΑ	373.6	ļ
A-8	05/22/96	53,77	7.20	46.57	14,000	2,800	160	320	190	NA.	NA.	NM	
A-8	08/22/96	53.77	11.57	42.20	8,000	1,000	76	150	96	4,300	NA.	NM NM	
A-8	12/19/96	53.77	8.04	45 <i>.</i> 73	12,000	450	110	210	230	<500	NA	NM	
A-8	04/01/97	53.77	9.98	43.79	Not Sample	ed: Well S		miannual	iv	-500	ITA	1/1/1	
A-8	05/27/97	<i>5</i> 3.77	11.45	42.32	11,000	1,600	100	220	210	2,300	NA	NM	
A-B	08/12/97	53.77	11.59	42.18	Not Sample	ed: Well S	ampled Se		[z	4,500	1121	14141	
A-8	11/14/97	53.77	9.85	43.92	26,000	2,300	<200	400	400	4,100	NA	2.2	
A-8	03/18/98	53.77	7.80	45.97	Not Sample	d: Well S	ampled Se	miannual	\ \	.,		4E	
Λ-8	05/19/98	53.77	8.78	44.99	88,000	4,200	150	640	600	6,700	NA	1.36	Р
A-8	07/29/98	53.77	9.59	44.18	46,000	4,900	160	620	580	13,000	NA	0.5	NP
A-8	10/09/98	53.77	11.23	42.54	130,000	3,700	110	500	770	7.300	NA	1.0	NP
A-8	02/19/99	53.77	6.51	47.26	<1,000	39	<10	<10	<10	840	NA	0.2	NP
A-B	06/02/99	53.77	10.68	43.09	8,500	1,300	32	180	110	6.700	NA	1.31	NP
A-8	08/26/99	53.77	10.43	43,34	6,200	870	17	64	60	3,700	NA.	0.69	NP
A-8	10/26/99	<i>5</i> 3. <i>7</i> 7	10,23	43.54	15,000	2,800	140	370	360	480	NA	0.62	NP
A-8	02/25/00	53.77	5.93	47.84	2,600	330	6.6	18	26	1,100	NA	1.43	
										1,100	Art	1.43	NP
A-9	03/26/96	53.04	7.05	45.99	<50	<0.5	<0.5	· <0.5	<0.5	NA	NA	NM	1
A-9	05/22/96	53.04	7.20	45.84	<50	<0.5	< 0.5	<0.5	<0.5	NA	NA NA	NM	1

X:\x_env_waste\BF GEMISlica\Scott Robinson\Faul SuppleM93 \\Delta's Fites\Tables\931 \TT Corporation Historical Data_XL Receated from electronic data provided by IT Corporation.

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

<u> </u>	Date	Well	Depth to	Groundwater	TPH			Ethyl-	Total	MTBE	MTBE	Dissolved	Purged/
Well	Gauged/	Elevation	Water	Elevation	Gasoline	Benzene	Toluene		Xylenes	8021B*	8260	Oxygen	Not Purged
Number	Sampled	(feet, MSL)	(feet, TOB)	(feet, MSL)	(թբե)	(քքե)	(dqq)	(ppb)	(dgg)	(ppb)	(ppb)	(ppm)	(P/NP)
A-9	08/22/96	53.04	9.68	43.36	<50	<0.5	<0.5	<0.5	<0.5	8.5	NA	NM	
A-9	12/19/96	53.04	7.43	45.61	<50	<0.5	<0.5	<0.5	<0.5	2.6	NA	NM	
A-9	04/01/97	53.04	9.95	43.09	Not Sampl	ed: Well S	ampled St	emianoval	ly.				
A-9	05/27/97	53.04	9.56	43.48	<50	2.3	<0.5	<0.5	<0.5	45	NA	NM	
A-9	08/12/97	53.04	10.15	42.89	Not Sampl	ed: Well S	ampled So	emiannual	ly.				
A-9	11/14/97	53.04	8.64	44.40	<200	<2.0	<2.0	<2.0	<2.0	190	NA	9.6	
A-9	03/18/98	53.04	6.45	46.59	Not Sampl	ed: Well S	ampled Se	emiannual	ly				
A-9	05/19/98	53.04	8.35	44.69	<50	<0.5	<0.5	<0.5	<0.5	7	NA	1.27	P
A-9	07/29/98	53.04	8.74	44,30	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	0.99	NP
A-9	10/09/98	53.04	10.05	42.99	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	1.0	NP
A-9	02/19/99	53.04	6.9 1	46.13	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	2.0	NP
A-9	06/02/99	53.04	9.72	43.32	<50	<0.5	<0.5	<0.5	<0.5	16	NA	2.32	NP
A-9	08/26/99	53.04	9.48	43.56	<50	<0.5	<0.5	<0.5	<0.5	<3	NΛ	0.71	NP
A-9	10/26/99	53.04	9.17	43.87	1,500	6.2	0.7	78	11	91	NA	2.15	NP
A-9	02/25/00	53.04	5,84	47.20	<50	<0.5	<0.5	<0.5	<1	<3	NA	1.55	NP
A-10	03/26/96	54.26	8.28	45,98	Not Sampl	ed: Well R	emoved fi	rom Samo	ling Proei	ган			
A-10	05/22/96	54.26	8.60	45.66	Not Sampl	ed: Well R	emoved fi	rom Samu	ling Progr	an			
A-10	08/22/96	54.26	10.98	43,28	Not Sampl	ed: Well R	emoved fi	rom Samo	ling Progr	ran			
A-10	12/19/96	54.26	8.80	45,46	Not Sampl	ed: Well R	emoved fi	rom Samo	ling Progr	ZIT			
A-10	04/01/97	54.26	11,15	43.11	Not Sampl	ed: Well R	emoved fi	iom Samo	ling Progr	an			
A-10	05/27/97	54.26	10.90	43.36	Not Sampl	ed: Well R	emoved fi	rom Samo	ling Progr	7. TE			
A-10	08/12/97	54.26	11.30	42.96	Not Sampl	ed: Well R	emoved fi	rom Samp	ling Progr	an.			
A-10	11/14/97	54.26	10.80	43.46	Not Sampl	ed: Well R	emoved fi	rom Samo	ling Proes	än			
A10	03/18/98		<u></u>			Well R	emoved fi	om Surve	y Program	1			
A-11	03/26/96	53.74	8.10	45,64	Not Com-!	-d- 111-11 c			_				
A-11	05/22/96	53.74 53.74	8.25	45.49	Not Sample	:0: well 5:	ampiea 5: 0.5			37.	371		
A-11 A-11	08/22/96	53.74 53.74	10.5B					<0.5 !!	<0,5	NA	NA	NM	
1				43.16	Not Sample								
A-11	12/19/96	53.74	8.37	45.37	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NM	
A-11	04/01/97	53.74	10.95	42.79	Not Sample					_			
A-11	05/27/97	53.74	10.60	43.14	<50	<0.5	<0.5	< 0.5	<0.5	3.1.	NA.	NM	

X:\x_env_waste\BP GEMSites\Scott Robinson\Paul Supple\M931\Delta's Files\Tables\M931 IT Corporation Historical Data_XL Receated from electronic data provided by IT Corporation.

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

	Date	Weil	Depth to	Groundwater	TPH			Ethyl-	Total	MTBE	MTBE	Dissolved	Purged/
Well	Gauged/	Elevation	Water	Elevation	Gasoline	Benzene	Toluene	benzene			8260	Oxygen	Not Purged
Number	Sampled	(feet, MSL)	(feet, TOB)	(feet, MSL)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(DDW)	(P/NP)
										(PPC)	(PPO)	(ppin)	(17141)
A-ll	08/12/97	53.74	11.07	42.67	Not Sampl				-				
A-II	11/14/97	53.74	10.58	43.16	<50			<0.5	<0.5	<3	NA	1.6	
A-11	03/18/98	53.74	8.14	45.60	Not Sampl								
A-II	05/19/98	53,74	9.40	44.34	<50		<0.5	<0.5	<0.5	<3	NA	1.13	P
A-11	07/29/98	53.74	10.32	43.42	Not Sampl		•		-				
A-11	10/09/98	53.74	10.91	42.83	<50		<0.5	<0.5	<0.5	<3	NA	2.0	NP
A-11	02/19/99	53.74	6.77	46.97	<50		<0.5	<0.5	<0,5	<3	NA	1.8	NP
A-11	06/02/99	53.74	10.95	42.79	<50		<0.5	<0.5	<0.5	6	NA	1.38	NP
A-11	08/26/99	53.74	11.05	42.69	Not Sampl							0.49	
A-11	10/26/99	53.74	10.81	42.93	<50		<0.5	<0.5	<1	4	NA	1.27	NP
A-11	02/25/00	53.74	6.70	47.04	Not Sampl	ed; Well S	ampled Se	emiannual:	l y				
A-12	03/26/96	52.05	7.83	44.22	Not Sampl	ed: Well S	ampled Se	inganaime)	ís.				
A-12	05/22/96	52.05	7.80	44.25	<50		<0.5	<0.5	<0.5	NA	NA	NM	
A-12	08/22/96	52.05	9.97	42.08	Not Sampl					וות	INA	14141	[
A-12	12/19/96	52.05	8.18	43,87	85		<0.5	<0.5	<0.5	170	NA	NM	ļ
A-12	04/01/97	52.05	10.30	41.75	Not Sampl				ι	1.0	11/2	14141	i
A-12	05/27/97	52.05	10.05	42.00	50		<0.5	<0.5	<0.5	96	NA	NM	
A-12	08/12/97	52.05	10.46	41.59	Not Sampl	ed: Well S	ampled Se	miannual	N			13147	
A-12	11/14/97	52,05	9.70	42.35	<50		<0.5	<0.5	<0.5	75	NΑ	7.0	
A-12	03/18/98	52.05	8.15	43.90	Not Sample	ed: Well S	ampled Se	miannuall	1	, ,		7.0	
A-12	05/19/98	52.05	9.15	42.90	<50	<0,5	< 0.5	<0.5	<0.5	29	NA	1.47	P
A-12	07/29/98	52.05	9.38	42.67	Not Sample	ed: Well S	ampled Se	miannuall	ι			1.41	•
A-12	10/09/98	52.05	10.21	41.84	<50	< 0.5	<0.5	<0.5	- -<0.5	7	NA	2.0	NP
A-12	02/19/99	52,05	6.96	45,09	<50	<0.5	<0.5	<0.5	<0,5	⊲ં	NA	5.2	NP
A-12	06/02/99	52,05	10.25	41.80	<50	<0.5	<0.5	<0.5	<0.5	7	NA.	1_38	NP
A-12	08/26/99	<i>5</i> 2,05	9.91	42.14	Not Sample					,	11/1	0.51	141
A-12	10/26/99	52,05	9.73	42.32	<50	<0.5	<0.5	<0.5	- -	12	NA	1.09	NP
A-12	02/25/00	52.05	6.97	45.08	Not Sample					12	וית	1.03	ME
	00 000						•		_				
A-13	03/26/96	55.11						Inaccessi					İ
A-13	05/22/96	55.11			····		Well	Inaccessi	ole				

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

	Date	Well	Depth to	Groundwater	TPH			Ethyl-	Total	MTBE	MTBE	Dissolved	Purged/
Well	Gauged/	Elevation	Water	Elevation	Gasoline	Benzene	Toluene	benzene	Xylenes	8021B*	8260	Oxygen	Not Purged
Number	Sampled	(feet, MSL)	(feet, TOB)	(feet, MSL)	(ppb)	(ppb)	(dqq)	(ppb)	(dad)	(daa)	(dad)	(maa)	(P/NP)
A-13	08/22/96	55.11					11/01	1 Transpoor	Shin		11.6.		((()))
A-13	12/19/96	55.11						1 Innocess	:Pla :Die	***************************************			
A-13	04/01/97	55.11					Wel	i Inaccess	ible				
A-13	05/27/97	55.11					Wei	i Ingoosce I Ingoosce	ible			***************************************	
A-13	08/12/97	55.11						l Inaccess	ibie				
A-13	11/14/97	55.11					Wel	l Inaccess	ible				
A-13	03/18/98	55.11					Wel	l Inaccese	ible ———				
A-13	05/19/98	55.11				·	Wel	i Inaccess	ible				
A-13	07/29/98	55.11					Wel	l Inaccess	ible				
A-13	10/09/98	55.11					Wel	Inaccess	ible				į
A-13	02/19/99	55.11		***************************************			Wel	l Ingocess	ible				
A-13	06/02/99	55.11		~ ~~~~~~~~~~			Wel	Inaccess	ble				
A-13	08/26/99	55. 11					Wei	l Inaccessi	ible		•		
A-13	10/26/99	55.11						l Inaccessi	ible				
A-13	02/25/00	55.11			·····		Well	Innecess	ible				İ
AR-I	03/26/96	51.50		1.5.55									
AR-I		54.72	8.13	46.59	6,200	110	64	38	520	NA	NA	NM	
AR-I	05/22/96 08/22/96	54.72 54.72	8.57	46.15	NS	NS	NS	NS	NS	NS	NS	NM	İ
AR-I	12/19/96	54.72 54.72	10.97 8.93	43.75	5,600	100	28	_ 29	310	960	NA	NM	
AR-I	04/01/97	54.72 54.72	11.78	45.79 4 2. 94	Not Sample	ed: Well K	emoved fi	om Semp	ling Progr	20			
AR-I	05/27/97	54.72	10.76	42.94 43.96	Not Sample	:d: Well K	emoved fr	dweg wa	ling Progr	ILI)			ļ
AR-1	03/2//97	54.72	11.40	43.90 43.32	Not Sample	a. Well K	emoved in	om Samp	ung Progr	5U			
AR-I	11/14/97	54.72	08.01	43.92	Not Sample	au yyen k	emoved n	कार अंताक	uog Progr	an			1
AR-1	03/18/98	54.72	NM	43.92 NM	Not Sample	a, weik	CHIOACG II	om samb	ung Progr	arr			
AR-1	05/19/98	54.72	NM	NM	Not Sample	od. Well R	CHIOYEU II	om 2900b	nug Yrogn	att			
AR-I	07/29/98	54.72	10.17	44.55	Not Sample	id Well K	chidasq <u>l</u>	om Samb	ung Progn	an			
AR-I	10/09/98	54.72	11.25	43,47	Not Sample	ed Well D	emoved II	om Samp	ing Progr	भा			
AR-1	02/19/99	54.72	7.02	47,70	Not Sample	A BOW A	edioacq e	oin Samp	ung Progn	भा			
AR-I	06/02/99	54.72	11.00	43.72	Not Sample	or ment	CITOACIT IL	ош оапр	ing rrogn	a ll			
AR-1	08/26/99	54.72	10.96	43.72	Not Sample	iu. Well K	emoksa H	om Sampi	ing Progra	M			
AR-1	10/26/99	54.72 54.72	10.56	43.76 44.04	Not Sample Not Sample	d Well K	emoyed ir	om Sampl	mg Progra	an		0.39	{
		مدادوب	10.00	44,04	TOT DUIDNE	M. ALCIT IC	emoveo II	מנוופכ נונט	mg Progra	an		1.39	

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

	Date	Well	Depth to	Groundwater	TPH			Ethyl-	Total	MTBE	MTBE	Dissolved	Purged/
Well	Gauged/	Elevation	Water	Elevation	Gasoline	Benzene	Toluene	-	Xylenes	8021B*	8260	Oxygen	Not Purged
Number	Sampled	(feet, MSL)	(feet, TOB)	(feet, MSL)	(ppb)	(ppb)	(dqq)	(ppb)	(dad)	(dad)	(dad)	(ppm)	(P/NP)
AD I											(500)	(hint)	(IMP)
AR-1	02/25/00	54.72	7.15	47.57	Not Sampl	ed: Well I	kemoved f	iom Samp	ling Prog	वार			
AR-2	03/26/96	54.77	4.93	49.84	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NM	
AR-2	05/22/96	54,77	5.65	49.12	NS	NS	NS	NS	NS	NS	NS		
AR-2	08/22/96	54.77	7,27	47.50	<50	<0.5	<0.5	<0.5	<0.5	200	NA.		
AR-2	12/19/96	54.77	7.78	46,99	Not Sample	ed: Well I				ממב	1471	LATAT	
AR-2	04/01/97	54.77	6.80	47.97	Not Sampl	ed: Well F	lemoved f	rom Samo	line Prom	भाग			
AR-2	05/27/97	54.77	6.32	48.45	Not Sample	ed: Well F	Removed f	rom Semn	line Proce	ייייי			
AR-2	08/12/97	54.77	7.43	47.34	Not Sample	d: Well F	temoved f	ion Sami	ling Prom	SIT			
AR-2	11/14/97	54.77	8.95	45.82	Not Sample	d: Well F	emoved f	rom Samo	ling Progr	317			
AR-2	03/18/98	54.77	NM	NM	Not Sample	d: Well F	lemoved f	rom Same	ling Progr	יחדי יחדי			
AR-2	05/19/98	54.77	NM	NM	Not Sample	d: Well F	lemoved f	rom Same	ling Propi	भार श्रा			1
AR-2	07/29/98	54.77	4.47	50.30	Not Sample	d: Well F	emoved f	rom Samo	line Proer	A11			
AR-2	10/09/98	54.77	6.90	47.87	Not Sample	d: Well R	emoved fi	rom Samo	ling Progr	an			
AR-2	02/19/99	<i>5</i> 4.77	3.80	50.97	Not Sample	d: Well R	emoved fi	om Samo	line Proer	arr			
AR-2	06/02/99	54.77	4,61	50.16	Not Sample	d: Well R	emoved fi	rom Samo	ling Propr	7117			
AR-2	08/26/99	54.77	5.22	49.55	Not Sample	d: Well R	emoved fi	om Samo	ling Proce			0.44	
AR-2	10/26/99	54.77	3.20	51.57	Not Sample	d: Well R	cmoved fi	om Samo	ling Progr	 an		1.79	
AR-2	02/25/00	54.77	2.33	52.44	Not Sample	d: Well R	emoved fi	om Samp	ling Progr	an		1.75	
AR-3	03/26/96	54.19	7.95	46.24	<50	<0,5	≺0.5	~0.c	-0.5				Ì
AR-3	05/22/96	54.19	8.30	45.89	NS	NS	NS NS	<0,5 NS	<0.5	NA	NA	NM	
AR-3	08/22/96	54.19	10.84	43.35	Not Sample				NS 	NS	NS	NM	
AR-3	12/19/96	54.19	8.56	45.63	Not Sample	d Wall D	nmoved II	ош башр	ing riogr	211			
AR-3	04/01/97	54.19	11.24	42.95	Not Sample	or Ment	CINDACT II	от стир	uog Progn	AIT			
AR-3	05/27/97	54.19	10.67	43,52	Not Sample	y men n	emones e	on comb	ing 17021	AII			
AR-3	08/12/97	54,19	11.10	43.09	Not Sample	d Hell D	emoney t	om Samp	mig trogr	HIT			
AR-3	11/14/97	54.19	10.60	43.59	Not Sample	d Well D	emoney e	om game, om gamb	ung trogn	ग			1
AR-3	03/18/98	54.19	MK	NM	Not Sample	d Wall D	omened C	លា។ ក្នុក។ ្បុ លារ ១៣០៦	nng rrogn	ш			
AR-3	05/19/98	54.19	NM		Not Sample	T. M.CII I(CINOVER IL	om gampi	ing Progra	117			
AR-3	07/29/98			NM	Not Sample	a: Well K	emoved fr	om Samp	ing Progra	111			l
AR-3	10/09/98	54.19 54.19	9.95 11.20	44.24	Not Sample	d: Well R	emoved fr	om Sampl	ing Progra	ш			
	14/07/70	24,19	11.20	42.99	Not Sample	a: Well K	emoved fr	om Sampl	ing Progra	ш			

X:\x_emv_waste\BP GEMS\tes\Scutt Rabinson\Paul Supple\M931\Delta's Files\Tables\M931\T Corporation Historical Data_XL Receated from electronic data provided by IT Corporation.

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 4931 731 West MacArthur Boulevard, Oakland, California

777-11	Date	Well	Depth to	Groundwater	TPH			Ethyl-	Total	MTBE	MTBE	Dissolved	Purged/
Weil	Gauged/	Elevation	Water	Elevation	Gasoline		Toluene	benzene	Xylenes	8021B*	8260	Oxygen	Not Purgeo
Number	Sampled	(feet, MSL)	(feet, TOB)	(feet, MSL)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(mgg)	(P/NP)
AR-3	02/19/99	54.19	6.98	47.21	Not Samp	led: Well R	emoved f	tom Samr	ling Progr	T 117			,
AR-3	06/02/99	54.19	10.80	43.39	Not Samp	led: Well R	emoved f	rom Same	ling Prog	inn 			
AR-3	08/26/99	54.19	10.69	43.50	Not Samp	led: Well R	emoved f	rom Samr	line Progr	**************************************		0.40	
AR-3	10/26/99	54.1 9	NM	MM	Not Samp	led: Well R	emoyed f	iom Same	ling Progr	त्रा		U.40	
AR-3	02/25/00	54.19	7.21	46.98	Not Samp	led: Well R	emoved f	rom Same	ling Progr	an			
MSL TOB ppb ppm	 Benzene, to Methyl tert EPA metho Mean sea le Top of box Ports per bit Parts per mi 	butyl elhe: d 8020 prior to 16 vel lion	ine, total xylenes 1/26/99	by EPA method &	021B. (EPA m	elliod 8020 pr	iar ro 10726/	199 1					

APPENDIX C

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:

1Q07 GEO_WELL 4931

Submittal Date/Time:

4/19/2007 9:25:22 AM

Confirmation Number:

1909182488

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: 5396295070

Date/Time of Submittal: 4/19/2007 9:27:51 AM

Facility Global ID: T0600100110
Facility Name: ARCO #04931

Submittal Title: 1Q07 GW Monitoring **Submittal Type:** GW Monitoring Report

Click here to view the detections report for this upload.

ARCO #04931 Regional Board - Case #: 01-0118 SAN FRANCISCO BAY RWOCB (REGION 2) - (CCM) 731 MACARTHUR Local Agency (lead agency) - Case #: RO0000076 OAKLAND, CA 94609 ALAMEDA COUNTY LOP - (SP) TITLE CONF# QUARTER 5396295070 1Q07 GW Monitoring Q1 2007 SUBMITTED BY SUBMIT DATE **STATUS** PENDING REVIEW Broadbent & Associates, Inc. 4/19/2007 SAMPLE DETECTIONS REPORT # FIELD POINTS SAMPLED # FIELD POINTS WITH DETECTIONS # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL WATER SAMPLE MATRIX TYPES METHOD QA/QC REPORT 8260FA,8260TPH METHODS USED TESTED FOR REQUIRED ANALYTES? LAB NOTE DATA QUALIFIERS QA/QC FOR 8021/8260 SERIES SAMPLES TECHNICAL HOLDING TIME VIOLATIONS 0 METHOD HOLDING TIME VIOLATIONS 0 LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT O LAB BLANK DETECTIONS 0 DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING? - LAB METHOD BLANK - MATRIX SPIKE N - MATRIX SPIKE DUPLICATE N - BLANK SPIKE - 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% Y BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%

SOIL SAMPLES FOR 8021/8260 SERIES MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% n/a MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% n/a SURROGATE SPIKES % RECOVERY BETWEEN 70-125% n/a BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a FIELD QC SAMPLES SAMPLE COLLECTED DETECTIONS > REPDL QCTB SAMPLES Ν 0 QCEB SAMPLES Ν 0 QCAB SAMPLES N 0

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.