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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

April 30, 2007

Re: First Quarter, 2007 Ground-Water Monitoring Report Atlantic Richfield Company Station #6041 7249 Village Parkway Dublin, California ACEH Case # RO0000452

"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 #6041 7249 Village Parkway Dublin, 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

April, 2007

Project No. 06-02-635

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



April 30, 2007

Project No. 06-02-635

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

Attn.: Mr. Paul Supple

Re:

First Quarter, 2007 Ground-Water Monitoring Report, Atlantic Richfield Company (a BP affiliated company) Station #6041, 7249 Village Parkway, Dublin, CA. ACEH case #

RO0000452.

Dear Mr. Supple:

Provided herein is the *First Quarter*, 2007 Ground-Water Monitoring Report for Atlantic Richfield Company Station #6041 (herein referred to as Station #6041) located at 7249 Village Parkway, Dublin, CA (Property). This report presents a summary of First Quarter, 2007 groundwater monitoring results.

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.

Matthew Herrick, P.G. Project Hydrogeologist

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

Enclosures

cc:

Mr. Steven Plunkett, Alameda County Environmental Health (submitted via ACEH ftp

site) GeoTracker

ARIZONA CALIFORNIA

NEVADA

**TEXAS** 

ROBERT H.

MILLER

No. 4893

#### STATION #6041 QUARTERLY GROUND-WATER MONITORING REPORT

7249 Village Parkway, Dublin, CA Facility: #6041 Address: Station #6041 Environmental Business Mr. Paul Supple Manager: Broadbent & Associates, Inc. (BAI) / Rob Miller & Matt Consulting Co./Contact Persons: Herrick Alameda County Environmental health (ACEH) / Case Primary Agency/Regulatory ID No.: #RO0000452 06-02-635 Consultant Project No.: Facility Permits/Permitting Agency.: NA

#### WORK PERFORMED THIS QUARTER (First Quarter, 2007):

- 1. Submitted Fourth Quarter, 2006 Ground-Water Monitoring Report. Work performed by BAI.
- 2. Conducted ground-water monitoring/sampling for First Quarter, 2007. Work performed by Stratus Environmental, Inc.

#### WORK PROPOSED FOR NEXT QUARTER (Second Quarter, 2007):

- 1. Submit First Quarter, 2007 Ground-Water Monitoring Report (contained herein).
- 2. Conduct ground-water monitoring/sampling for Second Quarter, 2007.

#### QUARTERLY RESULTS SUMMARY:

Current phase of project:	Ground-water monitoring/sampling
Frequency of ground-water sampling:	Wells MW-2 and MW-3: Quarterly
	Well MW-8: Semi-annually (1Q & 3Q)
	Wells MW-4 through MW-6: Annually (3Q)
Frequency of ground-water monitoring:	Quarterly
Is free product (FP) present on-site:	No
Bulk Soil Removed to Date:	3,208 cubic yards
Current remediation techniques:	NA
Depth to ground water (below TOC):	6.23 (MW-4) to 8.53 (MW-5) feet
General ground-water flow direction:	North-Northeast
Approximate hydraulic gradient:	0.004 Feet per foot

#### **DISCUSSION:**

During First Quarter, 2007 gasoline range organics (GRO) were detected in wells MW-3 and MW-8 at concentrations of 750 micrograms per liter ( $\mu$ g/L) and 95  $\mu$ g/L, respectively. Benzene was detected in MW-3 and MW-8 at concentrations of 180  $\mu$ g/L and 3.1  $\mu$ g/L, respectively. Ethylbenzene was also detected in MW-3 and MW-8 at concentrations of 9.2  $\mu$ g/L and 0.58  $\mu$ g/L, respectively. Xylenes (total) were detected in MW-3 at a concentration of 7.1  $\mu$ g/L. Methyl tert-butyl ether (MTBE) was detected in all three wells sampled at concentrations ranging from 1.3  $\mu$ g/L (MW-2) to 420  $\mu$ g/L (MW-3). Tert-butyl alcohol (TBA) was also detected in all three wells sampled ranging in concentrations from 400  $\mu$ g/L (MW-8) to 6,000  $\mu$ g/L (MW-3). No other analytes were detected in ground-water samples collected during First Quarter, 2007.

Analytes detected during First Quarter, 2007 were all within the historic minimum and maximum concentration ranges recorded for each well. Ground-water elevations measured during First Quarter, 2007 were also within historic minimum and maximum ranges for each well.

Drawing 1 depicts the ground-water elevation contour and an analytical summary map for the First Quarter, 2007. Table 1 includes a summary of ground-water monitoring data including relative water elevations and laboratory analyses. Table 2 provides a summary of fuel additives analytical data. Table 3 presents historical ground-water flow directions and gradients.

#### **CLOSURE:**

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

#### **ATTACHMENTS:**

Drawing 1.	Ground-Water Elevation Contour and Analytical Sum	nmary Map, Station #6041, Dublin,
	CA	

- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #6041, Dublin, CA
- Table 2. Summary of Fuel Additives Analytical Data, Station #6041, Dublin, CA
- Table 3. Historical Ground-Water Flow Direction and Gradient, Station #6041, Dublin, CA
- Appendix A. Stratus Environmental, Inc. Ground-Water Sampling Data Package (Includes Bill of Lading, Field Data Sheets, and Laboratory Report and Chain of Custody Documentation)
- Appendix B. GeoTracker Upload Confirmation

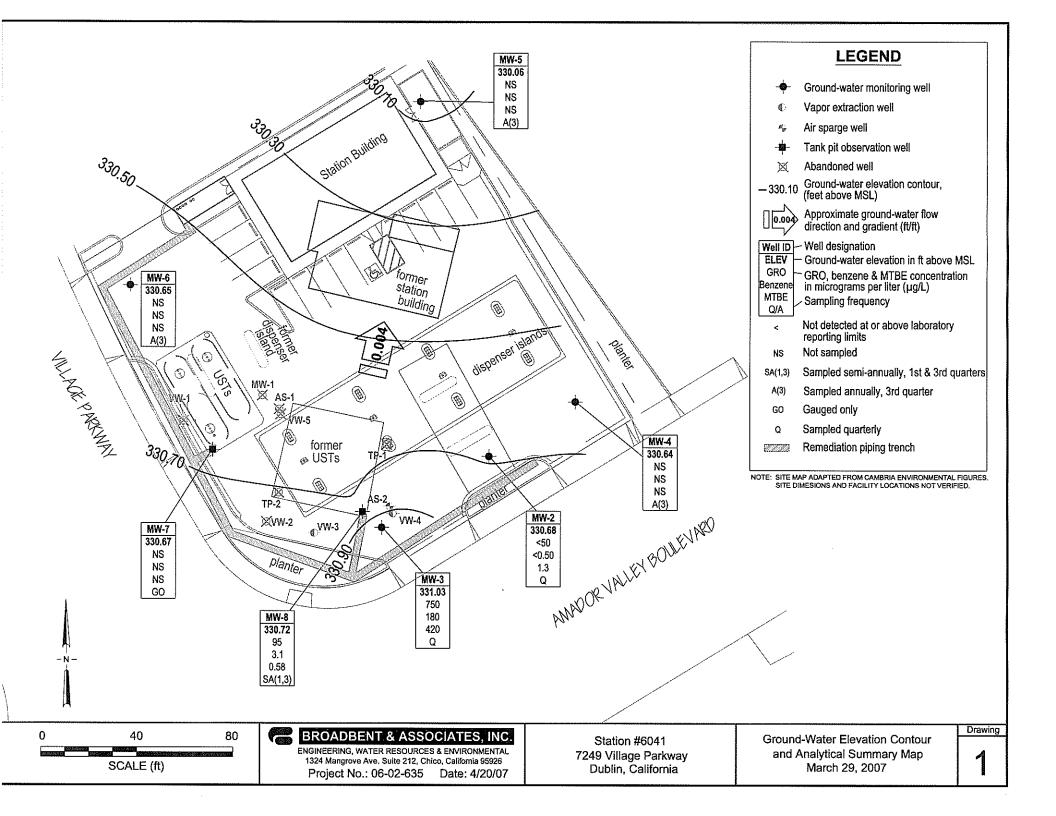


Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

11				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
MW-1	-														
02/15/1995		e e Piar spira e	336.56	14.00	17.50	8.53	328,03	820	15	<1	5.2	1.4			
05/24/1995		- Eugling (19 Stategy 199 mg) (1 Classification), paid glad dillionaria establishic Statements	336.56	14.00	17.50	9.00	327.56	640	12	<1	7.3	<i< td=""><td></td><td></td><td></td></i<>			
08/25/1995			336.56	14.00	17.50	10.30	326.26	780	2	<1	2	2	2,500		
11/28/1995			336.56	14.00	17.50	11.01	325.55	570	2.2	<0.5	1.4	0.9			
02/26/1996	a	a construction and	336.56	14.00	17.50	7.35	329.21	1,100	28	<7	13	7	3,400		
05/23/1996			336.56	14.00	17.50	8.73	327.83	560	8.5	<i< td=""><td>1.1</td><td>&lt;1</td><td>3,900</td><td></td><td></td></i<>	1.1	<1	3,900		
08/23/1996	-		336.56	14.00	17.50	10.25	326.31	860	<l< td=""><td><l< td=""><td>&lt;4</td><td>9 × 2 × 3</td><td>5,600</td><td>9</td><td>-</td></l<></td></l<>	<l< td=""><td>&lt;4</td><td>9 × 2 × 3</td><td>5,600</td><td>9</td><td>-</td></l<>	<4	9 × 2 × 3	5,600	9	-
03/21/1997			336.56	14.00	17.50	9.35	327.21	520	12	<0.5	2.7	1.5	6,200		
08/20/1997		The state of the state of the	336.56	14.00	17.50	10.75	325.81	<5,000	<50	<50	<50	<50	7,400	(- <b>-</b> )	//
11/21/1997			336.56	14.00	17.50	11.10	325.46	<5,000	<50	<50	<50	<50	8,500		
02/12/1998	P		336.56	14.00	17.50	7.05	329,51	210	<0.5	<0.5	<0.5	<0.5	8,900	1.71	
07/31/1998	Р		336.56	14.00	17.50	10.04	326.52	<20,000	<200	<200	<200	<200	18,000	2.43	
02/17/1999		STOCKE STOCKES	336.56	14.00	17.50	8.50	328.06	<20,000	<200	<200	<200	<200	16,000	1.0	-
08/24/1999	P		336.56	14.00	17.50	10.40	326.16	190	<0.5	4.4	<0.5	1.1	15,000		
03/01/2000	P		336.56	14.00	17.50	8.85	327.71	310	20	0.5	7.6	4.0	80,000	1.57	-
08/18/2000	P		336. <b>5</b> 6	14.00	17.50	9.35	327.21	<10,000	<100	<100	<100	<100	48,400/63,700	1.50	
12/27/2000	P		336.56	14.00	17.50	10.81	325.75	<10,000	309	<100	<100	289	44,400	0.51	
02/09/2001	P	ì	336.56	14.00	17.50	10.65	325.91	2,820	368	<25.0	116	176	23,300	0.58	
02/09/2001		i	336.56	14.00	17.50			3,490	432	9.56	146	235	31,800		
04/17/2001		i	336.56	14.00	17.50			2,600	70.1	<20.0	32.7	30.6	45,400		
04/17/2001	P		336.56	14.00	17.50	11.09	325.47	2,900	66.0	<10.0	33.2	25.1	46,500	0.63	-
07/17/2001	P	THE TAY I AND A DESCRIPTION AND RESERVED AND	336.56	14.00	17.50	11.07	325.49	<10,000	<100	<100	130	520	42,000	0.69	
12/21/2001		k		14.00	17.50								- T		-
MW-2	7					,									
02/15/1995			334.80	10.50	14.00	6.75	328.05	730	110	1.7	25	66			
05/24/1995		**************************************	334.80	10.50	14.00	6.88	327.92	370	110	<1	17	1.9			
08/25/1995	-		334.80	10.50	14.00	7.91	326.89	150	6	<1	<1	<1	2,700		-
11/28/1995		NEW YORK STANDARD STA	334.80	10.50	14.00	9.06	325.74	<50	<0.5	<0.5	<0.5	0.8			
02/26/1996	_		334.80	10.50	14.00	6.65	328.15	350	66	<0.5	11	1.7	<3	-	-
05/23/1996	***	**************************************	334.80	10.50	14.00	6.90	327.90	540	140	<2.5	13	<2.5	4,600		
	1	•		•	1	į.	1	•	1	1	l .	c	4	1	1

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

,				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
MW-2 Cont.															
08/23/1996			334.80	10.50	14.00	8.45	326.35	180	0.8	2	0.7	2.6	4,000		
03/21/1997			334.80	10.50	14.00	7.28	327.52	410	90	<1	14	4	3,800		
08/20/1997		4 (CASS (CASS ) 15 (CS) (A)	334,80	10.50	14.00	8.87	325.93	<5,000	<50	<50	<50	<50	3,100		14.0
11/21/1997		i Chapta de California de Articular de Artic	334.80	10.50	14.00	9.28	325.52	<2,000	<20	<20	<20	<20	2,600		
02/12/1998	P		334.80	10.50	14.00	5.90	328.90	310	54	<0.5	6.2	1.1	3,800	3.76	
07/31/1998	P		334.80	10.50	14.00	8.12	326.68	6,100	52	220	110	001,1	7,700	2.96	
02/17/1999	P		334.80	10.50	14.00	7.18	327.62	<5,000	<50	<50	<50	<50	4,200	1.0	
08/24/1999	P		334.80	10.50	14.00	8.68	326.12	200	1.8	16	3.0	32	3,100	***	
03/01/2000	P		334.80	10.50	14.00	7.02	327.78	760	24	12	13	59	6,300	1.92	
08/18/2000	P		334.80	10.50	14.00	7.75	327.05	<500	<5.00	<5.00	<5.00	<5.00	1,610/1,980	2.03	
12/27/2000		State of the same of the same	334.80	10.50	14,00	8.85	325.95								
02/09/2001	P		334.80	10.50	14.00	8.50	326.30	<50.0	<0.500	<0.500	<0.500	<0.500	9.11	0.53	
04/17/2001			334.80	10.50	14.00	9.12	325.68					-			
07/17/2001	P		334.80	10.50	14.00	8.99	325.81	1,200	<10	<10	<10	<10	4,200	0.69	
07/17/2001		i	334.80	10,50	14.00	-		3,500	<10	<10	<10	<10	3,500		-
12/21/2001	NP		334.80	10,50	14.00	8.65	326.15	65	<0.50	1.2	0.61	6.7	11/6.5	0.48	
03/06/2002	NP	Boats of the Social Control	334.80	10.50	14.00	8.61	326.19	<50	<0.50	<0.50	<0.50	1.8	31	0.35	
04/26/2002	NP		334.80	10.50	14.00	8.20	326.60	92	<0.5	<0.50	<0.50	0.64	98/180	0.19	
09/23/2002	P	a, d	334.80	10.50	14.00	8.50	326.30	250	<1.2	<1.2	<1.2	<1.2	1,500	2.1	7.3
12/27/2002	P	a, d	334.80	10.50	14.00	7.15	327.65	440	<2.5	<2.5	<2.5	<2.5	790	1.4	6.9
03/12/2003	P	f, g	334.80	10.50	14.00	7,33	327.47	<50	1.6	<0.50	<0.50	1.2	- 11	2.7	7.0
06/28/2003	P	h	337.29	10.50	14.00	7.49	329.80	<50	<0.50	<0.50	<0.50	<0.50	1.2	2.0	7.4
09/30/2003	P		337.29	10.50	14.00	8.20	329.09	<50	<0.50	<0.50	<0.50	<0.50	5.2	2.2	7.0
12/05/2003	NP		337.29	10.50	14.00	7:73	329.56	<50	<0.50	<0.50	<0.50	<0.50	2.6	4.3	7.3
03/10/2004	P		337.29	10.50	14.00	6.70	330.59	<500	<5.0	<5.0	<5.0	<5.0	5.6	2.1	6.4
06/21/2004	P		337.29	10.50	14.00	7.71	329.58	160	<1.0	<1.0	<1.0	<1.0	1.5	3.1	6.9
09/17/2004	P		337.29	10.50	14.00	7.45	329.84	<100	<1.0	<1.0	<1.0	<1.0	1.0	3.8	7.0
12/13/2004	P	and the second s	337.29	10.50	14.00	7.04	330.25	<50	<0.50	<0.50	<0.50	<0.50	0.54	3.2	6.8
03/03/2005	P		337.29	10.50	14.00	6.18	331.11	<500	<5.0	<5.0	<5.0	<5.0	<5.0	3.0	_
06/23/2005	P	n	337.29	10.50	14.00	6.51	330.78	<50	<0.50	<0.50	<0.50	<0.50	4.3	2.6	7.0
09/16/2005	P		337.29	10.50	14.00	7.65	329.64	<100	<1.0	<1.0	<1.0	<1.0	2.0	1.2	6.8

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

				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
MW-2 Cont.															
12/27/2005	P		337.29	10.50	14.00	7.29	330.00	<250	<2.5	<2.5	<2.5	<2.5	<2.5	1.37	7.3
03/02/2006	P		337.29	10.50	14.00	6.51	330.78	<250	<2.5	<2.5	<2.5	<2.5	5.8	1.38	6.8
6/23/2006	P	Production of the same	337.29	10.50	14.00	6.75	330,54	<250	<2.5	<2.5	<2.5	<2.5	4.2	1.38	6.9
9/19/2006	P		337.29	10.50	14.00	7.30	329.99	<50	<0.50	<0.50	<0.50	<0.50	4.0	2.42	7.0
12/19/2006	P		337.29	10.50	14.00	6.93	330.36	<50	<0.50	<0.50	<0.50	<0.50	0.70	4.86	7.23
3/29/2007	P		337.29	10.50	14.00	6.61	330.68	<50	<0.50	<0.50	<0.50	<0.50	1.3	3.22	7.23
MW-3															-
02/15/1995	3(20)		335.53	12.00	15.00	8.55	326.98	100	14	<0.5	6.3	<0.5			
05/24/1995		TELL TO THE STATE OF THE STATE	335.53	12.00	15.00	8.17	327.36	110	8	<0.5	2.7	<0.5			
08/25/1995			335.53	12.00	15.00	9.27	326.26	210	3.6	<0.5	2.9	0.6	20,000		22.0
11/28/1995			335.53	12.00	15.00	9.91	325.62	81	1.5	<0.5	1.4	<0.5	15,000		
02/26/1996			335.53	12.00	15.00	8.42	327.11	16,000	1,600	1,200	300	2,000	9,500		
05/23/1996			335.53	12.00	15.00	7.70	327.83	6,500	690	<10	120	14	8,600		
08/23/1996	8.5-0.6		335.53	12.00	15.00	9.25	326.28	1,700	85	2.1	61	5.3	11,000		40
03/21/1997	***		335.53	12.00	15.00	8.72	326.81	100	2	<1	1	<1	6,600		
08/20/1997			335.53	12:00	15.00	9.73	325.80	<5,000	<50	<50	<50	<50	7,700		
11/21/1997			335.53	12.00	15.00	10.10	325.43	<5,000	<50	<50	<50	<50	9,700		
02/12/1998	P		335.53	12.00	15.00	6.68	328.85	110	- 11	<0.5	<0.5	1.9	10,000	1.02	
07/31/1998	P		335.53	12.00	15.00	7.98	327.55	<10,000	<100	<100	<100	<100	13,000	2.59	
02/17/1999	P		335.53	12.00	15.00	8.40	327.13	<20,000	<200	<200	<200	<200	23,000	1.0	-
08/24/1999	P		335.53	12.00	15.00	9.45	326.08	200	0.6	5.6	0.6	1.7	22,000		
03/01/2000	P		335.53	12.00	15.00	8.32	327.21	320	32	1	6.1	4	58,000	2.42	-
08/18/2000	P		335.53	12.00	15.00	8.35	327.18	<10,000	<100	<100	<100	<100	46200/55600	1.59	
12/27/2000	P		335.53	12.00	15.00	9.75	325.78	29,700	1,620	1,730	<250	6,230	62,600	1.59	44.0
02/09/2001	P	35044550464 #5444	335.53	12.00	15.00	9.61	325.92	29,300	2,590	3,530	440	7,080	85,500	0.51	
04/17/2001	P	0.00	335,53	12.00	15.00	9.94	325.59	16,400	1,680	<25.0	310	2,290	48,700	0.41	/ <u></u> //
07/17/2001	P		335.53	12.00	15.00	9.93	325.60	21,000	1,500	<001>	1,100	690	82,000	0.51	
12/21/2001	P		335.53	12.00	15.00	9.40	326.13	<5,000	<50	<50	<50	<50	4,300/3,800	0.40	4
03/06/2002	P		335.53	12.00	15.00	9.33	326.20	<50	1,2	<0.50	1.1	13	880	0.43	
04/26/2002	P		335.53	12.00	15.00	9.19	326.34	260	3.7	<1.0	1.1	1.8	460/940	0.2	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

				Top of	Bottom of		Water Level			Concentra	tions in (µ)	g/L)			
Well and			тос	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	Í
Sample Date	P/NP	Comments	(feet msl)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MTBE	(mg/L)	pН
MW-3 Cont.			**************************************												
09/23/2002	P	b, d	335.53	12,00	15.00	9.30	326.23	1,500	41	2.4	9.8	14	980	1.5	7.6
12/27/2002	Р	c, d	335.53	12.00	15.00	7.30	328.23	1,500	300	100	21	66	1,100	2.2	8.6
03/12/2003	P	f, g	335,53	12.00	15.00	8.06	327.47	<1,000	<10	<10	<10	<10	45	1.6	7.4
06/28/2003	P	h	338.18	12.00	15.00	8.60	329.58	1,500	20	27	12	45	140	1.7	7.6
09/30/2003	P		338.18	12.00	15.00	9.04	329.14	<2,500	<25	<25	<25	<25	650	0.9	7,4
12/05/2003	P		338.18	12.00	15.00	8.57	329.61	<2,500	<25	<25	<25	<25	480	1.3	
03/10/2004	P		338.18	12.00	15.00	7.58	330.60	180	7.4	<1.0	<1.0	<1.0	75	2.0	
06/21/2004	P	0	338.18	12.00	15.00	8.51	329.67	<2,500	<25	<25	<25	<25	370	4.6	7.6
09/17/2004	P		338.18	12.00	15.00	8.38	329.80	<5,000	<50	<50	<50	<50	280	1.8	7.1
12/13/2004	P	0	338.18	12.00	15.00	8.04	330.14	520	89	4.6	3.9	5.8	460	1.9	7.6
03/03/2005	P		338.18	12.00	15.00	6.89	331.29	300	23	<2.5	<2.5	<2.5	130	1.8	7.6
06/23/2005	P	n	338.18	12.00	15.00	8.27	329.91	260	6.1	1.1	0.65	2.8	40	1.4	8.0
09/16/2005	P		338.18	12.00	15.00	8.47	329.71	850	52	<5.0	<5.0	ර.0	270	1.4	7.2
12/27/2005	P	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	338.18	12.00	15.00	7.77	330.41	300	56	<2.5	<2.5	3.6	230	1.54	8.0
03/02/2006	P	avaratas escupa carda car	338.18	12.00	15.00	7.33	330.85	<250	4.0	<2.5	<2.5	<2.5	24	1.5	7.2
6/23/2006	P		338.18	12.00	15.00	7.64	330.54	340	1.5	<0.50	<0.50	<0.50	47	1.42	7.1
9/19/2006	P		338.18	12.00	15.00	8.17	330.01	<50	<0.50	<0.50	<0.50	<0.50	14	3.30	7.1
12/19/2006	P	**************************************	338.18	12.00	15.00	7.85	330.33	530	120	<5.0	<5.0	5.5	270	4.32	7.23
3/29/2007	P	q	338.18	12.00	15.00	7.15	331.03	750	180	<5.0	9.2	7.1	420	4.34	7.21
MW-4															
02/15/1995			334.22	8.5	14.5	7.85	326.37	<50	<0.5	<0.5	<0.5	<0.5			
05/24/1995			334.22	8.5	14.5	6.68	327.54			**					**
08/25/1995			334.22	8.5	14.5	6.93	327.29	<50	<0.5	<0.5	<0.5	<0.5	<3		
11/28/1995			334.22	8.5	14.5	8.21	326.01								
02/26/1996			334.22	8.5	14.5	6.65	327.57	<50	<0.5	<0.5	<0.5	<0.5	ઢ		-
05/23/1996	***		334.22	8.5	14.5	6.47	327.75		***						
08/23/1996	10 M		334.22	8.5	14.5	7.66	326.56						-	-	7102/500000 
03/21/1997			334.22	8.5	14.5	6.84	327.38								**
08/20/1997			334.22	8.5	14.5	8.32	325.90								-
11/21/1997			334.22	8.5	14.5	8.65	325.57		**						

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

Transfer of the state of the st				Top of	Bottom of		Water Level			Concentra	tions in (µ	g/L)		- Allemonton	
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
MW-4 Cont.															
02/12/1998			334.22	8.5	14.5	6.35	327.87								
07/31/1998			334.22	8.5	14.5	6.84	327.38			**				••	
02/17/1999		0.0000 00.000 00.000	334.22	8.5	14.5	7.50	326.72					O		7	
08/24/1999			334.22	8.5	14.5	9.50	324.72		**						
03/01/2000			334.22	8.5	14.5	6.93	327.29	61-61 <b></b> 21-61	6 6 6						
08/18/2000		A LA CALLACTO CONTINUE DE CANADA C	334.22	8.5	14.5	7.03	327.19						**		
12/27/2000	(i)		334.22	8.5	14.5	8.10	326.12	(c)	(i) (i)—(i)	0.00-0.00		3 <b></b> 3 33			
02/09/2001			334.22	8.5	14.5	7.97	326.25				**				
04/17/2001		0.000 00.000 00.000 00.000	334.22	8.5	14.5	8.90	325.32	0.0-0.0	77	5 S		-			( <del></del> /3)
07/17/2001			334.22	8.5	14.5	8.59	325.63						**		
12/21/2001	NP	1 0 0 000 0000	334.22	8.5	14.5	8.31	325.91	<50	<0.50	<0.50	<0.50	<0.50	4.1/2.0	0.68	
03/06/2002	P		334.22	8.5	14.5	8.27	325.95	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.37	
04/26/2002	P		334.22	8.5	14.5	8.05	326.17	<50	<0.50	<0.50	<0.50	<0.50	3.6	0.3	-
09/23/2002	P		334.22	8.5	14.5	7.94	326.28	<50	<0.50	<0.50	<0.50	<0.50	· 2.9	4.1	7.3
12/27/2002			334.22	8.5	14.5	7.56	326.66	<50	<0.50	<0.50	<0.50	<0.50	2.6	2.1	6.9
03/12/2003	P	g	334.22	8.5	14.5	7.67	326.55	<50	<0.50	<0.50	<0.50	<0.50	1.6	2.8	6.8
06/28/2003	P	h	336.87	8.5	14.5	7.60	329.27	<50	<0.50	<0.50	<0.50	<0.50	2.1	10 <b></b> 5	5.6
09/30/2003			336.87	8.5	14.5	7.66	329.21	<50	<0.50	<0.50	<0.50	<0.50	1.4	2.2	6.9
12/05/2003	P		336.87	8.5	14.5	5.61	331.26	<50	<0.50	<0.50	<0.50	<0.50	2.3	3.0	0
03/10/2004	P	Table (ANAMANNE) WANDWAY ALBOWING SED VARIANT MEDIA,	336.87	8.5	14.5	6.84	330.03	<50	<0.50	<0.50	<0.50	<0.50	2.1	4.0	
06/21/2004	P		336.87	8.5	14.5	7.35	329.52	<50	<0.50	<0.50	<0.50	<0.50	2.0	5.4	6.2
09/17/2004	P		336.87	8.5	14.5	7.30	329.57	<50	<0.50	<0.50	<0.50	<0.50	3.5	3.0	6.9
12/13/2004	P		336.87	8.5	14.5	7.08	329.79	<50	<0.50	<0.50	<0.50	<0.50	5.4	4.0	6.8
03/03/2005	P	##\$27HJEERINA KSZAKE DANASERZI NOOGE, KEIJJEWAYD NASA EVAKTYWA	336.87	8.5	14.5	8:11	328.76	<50	<0.50	<0.50	<0.50	<0.50	6.3	2.9	6.9
06/23/2005	P	p	336.87	8.5	14.5	6.70	330.17		guragi <del>T</del> apasa					2.2	6.7
09/16/2005	P	SONE ACT PROGRAM DESCRIPTION AND ACT OF A STATE OF A ST	336.87	8.5	14.5	7.28	329.59	<50	<0.50	<0.50	<0.50	<0.50	4.2	1.2	6.9
12/27/2005			336.87	8.5	14.5	7.03	329.84								-
03/02/2006		ZUZI ZEPISANI SUGA HURUDI HURUNI ARUSANI A GARAN ADAMA	336.87	8.5	14.5	6.45	330.42			W-					
6/23/2006			336.87	8.5	14.5	6.42	330.45								-
9/19/2006	P	DECLASSICATION SHOOTH CONTRACTOR AND A C	336.87	8.5	14.5	7.01	329.86	<50	<0.50	<0.50	<0.50	<0.50	5.8	3.08	6.9
12/19/2006		9,000	336.87	8.5	14.5	6.85	330.02		-				-		

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

				Top of	Bottom of		Water Level			Concentra	tions in (u	o/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)	ТРНд	Benzene	Toluene	Benzene	Xylenes	МТВЕ	(mg/L)	pН
MW-4 Cont.															
3/29/2007			336.87	8.5	14.5	6.23	330.64								
MW-5															
02/15/1995	77		335.87	11.00	17.50	7.80	328.07	<50	<0.5	<0.5	<0.5	<0.5			-
05/24/1995			335.87	11.00	17.50	8.10	327.77				**				-
08/25/1995			335.87	11.00	17.50	9.43	326.44	<del></del>							-
11/28/1995			335.87	11.00	17.50	10.12	325.75						***		
02/26/1996			335.87	11.00	17.50	6.73	329.14	-	<0.5	<0.5	<0.5	<0.5	<3		
05/23/1996			335.87	11.00	17.50	7.87	328.00								
08/23/1996			335.87	11.00	17.50	9.46	326.41						-	-	-
03/21/1997			335.87	11.00	17.50	8.23	327.64								
08/20/1997			335.87	11.00	17.50	9.92	325.95	- <b>-</b> -					-	-	-
11/21/1997			335.87	11.00	17.50	10.18	325.69			**			***		
02/12/1998			335.87	11.00	17.50	6.45	329.42		-				-		-
07/31/1998		MACAIDACHTANAMI AN ARCHANGAN AN ANGAN HANGA AN ANGAN	335.87	11.00	17.50	8.98	326.89	PHP-10-AVARDYPAMADOSTAAAOOMA							
02/17/1999			335.87	11.00	17.50	7.65	328.22							-	-
08/24/1999	***		335.87	11.00	17.50	8.10	327.77					***		***	
03/01/2000			335.87	11.00	17.50	7.31	328.56								-
08/18/2000			335.87	11.00	17.50	8.65	327.22			 Introvational contraction	***				
12/27/2000	-		335.87	11.00	17.50	9.80	326.07								-
02/09/2001			335.87	00.11	17.50	9.65	326.22			**					TATOM TENSORS
04/17/2001			335.87	11.00	17.50	9.92	325.95		-				-	-	77.6
07/17/2001			335.87	11.00	17.50	9.95	325.92	**							
12/21/2001		m	335.87	11.00	17.50			<del></del>	-					<del></del>	Ē
03/06/2002	**	m	335.87	11.00	17.50										-
04/26/2002		m	335.87	11.00	17.50	7.04	227.02				A. J. S. J.			-	=
09/23/2002 12/27/2002			335.87 335.87	11.00 11.00	17.50	7.94	327.93	 0	-0.50						-
03/12/2003	encello della levelo y encello de	0	335.87	11,00	17.50 17.50	7.57 8.32	328.30 327.55	<b>&lt;</b> 50	<0.50	<0.50	<0.50	0.76	15	0.7	6.9
03/12/2003		g h	338.59	11.00	17.50	8.58	327.33	**							
09/30/2003		II.	338.59	11.00	17.50	9.28	330.01				\$4259E4867A60		-	-	- T
09/30/2003			338.39	11.00	17.50	9.28	329.51			**					

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

**************************************				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
MW-5 Cont.															
12/05/2003	P		338.59	11.00	17.50	9.11	329,48	<50	<0.50	<0.50	<0.50	<0.50	22	2.9	0
03/10/2004		man processing of the Arthreches American Process (Processing American Amer	338.59	11.00	17.50	7.57	331.02							**	
06/21/2004		CARROL STATE OF STATE	338.59	11.00	17.50	8.68	329.91							-	
09/17/2004		Well inaccessible	338.59	11.00	17.50					***					
09/24/2004	P	a service and an	338.59	11.00	17.50	8.53	330.06	<50	<0.50	<0.50	<0.50	<0.50	17	1,9	6.8
12/13/2004			338.59	11.00	17.50	8.28	330.31								
03/03/2005	00 00 <b>-1</b> 0000		338.59	11.00	17.50	6.78	331.81			57 <b></b>	60 <b></b> -			6 <b></b> 6	
06/23/2005			338.59	11.00	17.50	8.27	330.32	***							
09/16/2005	P		338.59	11.00	17.50	9.57	329.02	<50	<0.50	<0.50	<0.50	<0.50	69	1.3	7.0
12/27/2005			338.59	11.00	17.50	8.72	329.87	**	www.					***	
03/02/2006			338.59	11.00	17.50	8.11	330.48	77							-
6/23/2006		# North 1746/00 X 2010 1314 A 500 W W W W W W W W W W W W W W W W W W	338.59	11.00	17.50	8.54	330.05								200000000000000000000000000000000000000
9/19/2006	P		338.59	11.00	17.50	9.21	329.38	52	<0.50	<0.50	<0.50	<0.50	82	1.50	6.9
12/19/2006		\$155°5 NYWAA WASELINI NYY MASELINI NYY MASELINI NA SILA NY SILA	338.59	11.00	17.50	9.00	329.59		 1900x50x50x10x0x678+555viC						2010/01/05/2009
3/29/2007			338.59	11.00	17.50	8.53	330.06			50 10 <b></b>				-	
MW-6															
02/15/1995			335.84	8.5	12.7	7.81	328.03	<50	<0.5	<0.5	<0.5	<0.5			-
05/24/1995		6 ( to 1 ( 6 ( to 2 ) 2 ( to 2 ) 2 ( to 2 ) 2 ( to 2 ) 4 ( to 2 )	335.84	8.5	12.7	8.35	327.49	**	***				***		
08/25/1995			335.84	8.5	12.7	9.71	326.13								-
11/28/1995		The state of the s	335.84	8.5	12.7	10.28	325.56				***			**	
02/26/1996			335.84	8.5	12.7	6.60	329,24	<50	<0.5	<0.5	<0.5	<0.5	-3	-	
05/23/1996		A PRODUCTION OF THE PRODUCTION	335.84	8.5	12.7	8.05	327.79		**						
08/23/1996			335.84	8.5	12.7	9.58	326.26						2 0	-	-
03/21/1997			335.84	8.5	12.7	8.39	327.45								
08/20/1997	-	8 (C) (B) (B) (B) (B) (B)	335.84	8.5	12.7	9.98	325.86				-			-	-
11/21/1997			335.84	8.5	12.7	10.31	325.53					**			**
02/12/1998			335.84	8.5	12.7	3.15	332.69					_			-
07/31/1998			335.84	8.5	12.7	9.29	326.55								
02/17/1999			335.84	8.5	12.7	7.72	328.12	<u></u>						-	
08/24/1999			335.84	8.5	12.7	9.65	326,19		w+						

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

				Top of	Bottom of		Water Level			Concentra	tions in (µ;	⊈/L)			
Well and			TOC	Screen	Screen	DTW	Elevation	GRO/			Ethyl-	Total		DO	
Sample Date	P/NP	Comments	(feet msi)	(ft bgs)	(ft bgs)	(feet bgs)	(feet msl)	TPHg	Benzene	Toluene	Вепzепе	Xylenes	MTBE	(mg/L)	рH
MW-6 Cont.															
03/01/2000			335.84	8.5	12.7	7.35	328.49			·		77		-	
08/18/2000			335.84	8.5	12.7	8.65	327.19		**						
12/27/2000			335.84	8.5	12.7	9.83	326.01			-			6 (0.5 <b>-</b> 0.0)	-	
02/09/2001			335.84	8.5	12.7	9.62	326.22				***				
04/17/2001			335.84	8.5	12.7	10.03	325.81				-		5 90 5 <b>-</b> 60 90		-
07/17/2001			335.84	8.5	12.7	9.95	325.89			***					
12/21/2001	NP		335.84	8.5	12.7	9.47	326.37	<50	<0.50	<0.50	<0.50	0.57	<2.5	0.55	
03/06/2002	P		335.84	8.5	12.7	9.31	326.53	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.33	
04/26/2002	P		335.84	8.5	12.7	9.09	326.75	<50	<0.50	<0.50	<0.50	0.7	<2.5	0.31	
09/23/2002	Р		335.84	8.5	12.7	9.14	326.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	7.4
12/27/2002			335.84	8.5	12.7	7.26	328.58	<50	<0.50	<0.50	<0.50	0.63	0.91	0.8	7.0
03/12/2003	P	g	335.84	8.5	12.7	8.41	327.43	<50	<0.50	<0.50	<0.50	<0.50	0.64	1.3	7.2
06/28/2003	P	h	338.37	8.5	12.7	8.56	329.81	<50	<0.50	<0.50	<0.50	<0.50	0.62	1.6	6.8
09/30/2003			338.37	8.5	12.7	9.32	329.05	<250	<2.5	<2.5	<2.5	<2.5	3.9	0.8	7.0
12/05/2003	-		338.37	8.5	12.7	8.96	329.41			-			THE REPORT OF THE PARTY OF THE		
03/10/2004		Annual Control of the	338.37	8.5	12.7	7.65	330.72	**							
06/21/2004			338.37	8.5	12.7	8.58	329.79			-					-
09/17/2004	P		338.37	8.5	12.7	8.47	329.90	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	7.0
12/13/2004	-		338.37	8.5	12.7	8.04	330.33	5-7	7		-				
03/03/2005			338.37	8.5	12.7	6.60	331.77				***		***		
06/23/2005			338.37	8.5	12.7	8.14	330.23			-					_
09/16/2005	Р		338.37	8.5	12.7	8.66	329.71	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	7.1
12/27/2005			338.37	8.5	12.7	7.79	330.58	-	-			-		-	-
03/02/2006			338.37	8.5	12.7	7:15	331.22						m 4a		
6/23/2006			338.37	8.5	12.7	7.70	330.67	-		-			_		_
9/19/2006	P		338.37	8.5	12.7	8.30	330.07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.50	7.3
12/19/2006			338.37	8.5	12.7	7.90	330.47								
3/29/2007			338.37	8.5	12.7	7.72	330.65	**					<b>***</b>		
MW-7							_								
12/21/2001		j	-		8.0				10 M T				-		

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

				Top of	Bottom of		Water Level		-	Concentra	tions in (µ	2/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
MW-7 Cont.										-					
03/06/2002		j j		- 10 m	8.0				o				9 9 9 <del>-1</del> 9 9		
04/26/2002		j			8.0										
09/23/2002		j			8.0								(1-16) (5 <b></b> 6) (5) (	10 <b></b> 3 (	-
12/27/2002		e			8.0	7.74	**	<50	<0.50	<0.50	<0.50	<0.50	4.7	2.7	7.0
03/12/2003		g, j		0 (0 <b></b> ) (0 (0	8.0	-	0.000 0.000		77.00						
06/28/2003		h, j	338.62		8.0		netrati (Nikhidaya shasa ku masa ku miliasa mwaka ka				West Control of the C				
09/30/2003	3 5 <b></b>	j	338.62	6 0 To	8.0	30 S - 10 S	6 6 <b>10 7</b> 6 6 6	6 (0 <del>-1</del> ) (5					n (4 (1 <b></b> 16 (1))	-	-
12/05/2003	***	j	338.62		8.0	***					 		*** \$160.000.000.000.000.000.000.000.00		
03/10/2004			338.62	——————————————————————————————————————	8.0	7.78	330.84			-			so as a East and		-
06/21/2004		j	338.62		8.0										
09/17/2004		j	338.62	-	8.0		77					-7-	1		8
12/13/2004		j	338.62		8.0										 W/9/4/8/03
03/03/2005			338.62	1. o. 5.730 (c. c.)	8.0	6.81	331.81	-			, <del></del>		-1	-	
06/23/2005	**	j	338.62		8.0					**		 Spelkoneromoren		 VE0/SeeSteed	
09/16/2005		j	338.62	6 - 1 To a si	8.0			77	svali <sup>T</sup> le se			(a) 1770 (d)	-	<b></b> -	
12/27/2005			338.62		8.0	7.90	330.72							 Indonesiations	7.000000000
03/02/2006 6/23/2006			338.62 338.62	<del></del>	8.0	7.39	331.23			Sec. 60.77		-		-	
9/19/2006			338.62	 	8.0 8.0	7.90	330.72	***			<b></b>		***		
12/19/2006		j i	338.62	<u>-</u>	8.0								-		
3/29/2007			338.62	 	8.0	7.95	330.67		200 00000000000000000000000000000000000		 dafebaarenee				
MW-8		J	200.02		<b>U.U</b>	1.72	550.07				75 S	-			-
WI W-8															
12/21/2001	NP				12.6	8.70	-	<5,000	67	<50	<50	<50	2,400/1,300	0.60	-
03/06/2002	P				12.6	8.63		210	41	0.64	0.79	2.0	940	0.25	
03/06/2002		i		<u></u>	12.6		-	170	37	0.67	0.7	1.9	740	-	-
04/26/2002		i			12.6			480	74	3.5	11	<1.0	640		
04/26/2002	P		250 <u>- 250</u>	<u></u>	12.6	8.15	<u>-</u>	680	95	<1.0	14	2.5	490	0.31	
09/30/2002	P	С		**	12.6	9.37		1,100	120	<5.0	57	8.7	001,1	1.3	6.9
12/27/2002	P	b			12.6	7.55	<u></u>	350	13	<0.50	2,4	2.2	73	8.0	6.9
03/12/2003	Р	g			12.6	8.25		<2,500	89	<25	<25	<25	740	1.4	6.9

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

15 mile 1 (1426) 207 (143 (143 (143 (143 (143 (143 (143 (143				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
MW-8 Cont.		***													
06/28/2003	P	h	338.27		12.6	8.38	329.89	7,000	680	<25	110	180	2,900	1.9	4.8
09/30/2003	P	a	338.27		12.6	9.09	329.18	1,500	240	18	45	150	180	1.0	6.8
12/05/2003	P	6 (8.000 (8.000 (9.00) S)	338.27	10 (10 (10 <del></del> ) (10 (10 (10 )	12.6	8.37	329.90	590	60	<2.5	15	4.2	150	1.5	7.1
03/10/2004	P	alpp ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	338.27	**	12.6	7.41	330.86	690	50	<5.0	7.4	6.8	370	2.2	6.3
06/21/2004	P		338.27		12.6	8.41	329.86	1,300	200	<5.0	65	82	400	0.8	6.8
09/17/2004	P		338.27		12.6	8.25	330.02	580	17	<0.50	1.9	5.8	22	1.3	6.6
12/13/2004	P		338.27		12.6	7.78	330.49	380	24	<0.50	18	4.9	6.6	1,0	6.7
03/03/2005	P		338.27		12.6	6.48	331.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	6.8
06/23/2005	P	n n	338.27	51 (6) (6) <del>- 1</del> 1 (6) (6)	12.6	7.91	330.36	160	10	<0.50	3.8	5.4	26	1.8	6.8
09/16/2005	P		338.27		12.6	8.38	329.89	1,700	340	5.0	100	95	49	2.5	6.8
12/27/2005			338.27	50 (\$10) <b>17</b> 0 (\$10)	12.6	7,60	330.67		i - i i						
03/02/2006	P		338.27		12.6	6.93	331.34	<250	10	<2.5	4.4	2.6	14	0.8	6.8
6/23/2006			338.27		12.6	7.55	330.72				(1 <del>-1</del> )			-	
9/19/2006	P	3,500	338.27	**	12.6	8.21	330.06	600	70	<2.5	24	3.2	89	0.81	6.8
12/19/2006			338.27	- Total	12.6	7.89	330.38			), ( <del></del> )					-
3/29/2007	P		338.27		12.6	7.55	330.72	95	3.1	<0.50	0.58	<0.50	5.1	1.67	7.35
Shell MW-7															
12/27/2000	P			<b></b>	(i) (i) <b></b> (ii)	6.45	(4 (5 (5 <del></del> ) (5 (6	<50.0	<0.500	0.696	<0.500	0.795	<2.50	1.33	
02/09/2001	Р					6.39		<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.13	
04/17/2001	P		0.000	(0. <del></del> )(0.00		7.22	0 00 00 <del>-1</del> 0 000 00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.12	0
07/17/2001	P	90.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00 (10.00			**	6.93		<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.05	
12/21/2001	P					7.15	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5		
03/06/2002	P					7.03		<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.95	
04/26/2002	P			n a 0 <del></del> ) a a	10. (a) (a) <del></del> (a) (a) (a)	7.15		<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.95	14.0
09/27/2002		k					**					*-			
Shell MW-6															
12/27/2000	P					9.13	0 (0 (0 <u>2-</u> 0 (0 (0 (0 )	74.7	<0.500	<0.500	<0.500	<0.500	<2.50	1.3	
12/27/2000		i						79.3	<0.500	<0.500	<0.500	<0.500	<2.50		\$.003.839 
02/09/2001	P			<del></del>	10 m 10 m 10 m	9.05	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1,29	_

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6041, 7249 Village Parkway, Dublin, CA

				Top of	Bottom of		Water Level			Concentra	tions in (µ <sub>1</sub>	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
Shell MW-6 Cont.															
04/17/2001	P				8 0 0 <b></b> 7 0 0	10.17	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	0.95	- 7
07/17/2001	P	i		20 - 24 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		9.50		<50	<0.50	<0.50	<0.50	<0.50	4.2	1.03	
12/21/2001	P					9.98	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.97	
03/06/2002	P				**	9.90		<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.97	
04/26/2002	P		-	-	9 (19 <b></b>	9.47		<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.97	- 4
09/27/2002		k		**											
VW-2													-	***************************************	
03/21/1997	-		-	4.0	9.5	8.22		150	8.9	<0.5	<0.5	0.6	270		4
08/20/1997		# # # # # # # # # # # # # # # # # # #	w+	4.0	9.5	9.16					***			***	
11/21/1997				4.0	9.5	8.27	22	<200	3	<2	<2	<2	180	-	
02/12/1998		e oppolytel, 6, in Very Laborate or Embolish of Adolpho Shrippine of Annabase y y y y y y and a series of Annabase y y y y y and a series of Annabase y y y y y and a series of Annabase y y y y and a series of Annabase y y y and a series of Annabase y y and a series of Annabase y and Annabas		4.0	9.5	6.65	**	200	19	<0.5	0.6	<0.5	2,200		
07/31/1998	- 0 <b>-1</b> -		-	4.0	9.5	7.01			0 m <u>-</u> 0 m						-
02/17/1999				4.0	9.5	8.47							***		
08/24/1999				4.0	9.5	8.20	00 (0 (0 <u></u> -) (0 (0		120			30 (F <b></b> ))	-		-
03/01/2000				4.0	9.5	8.72	***	**							
08/18/2000	NP	propriet spring spring da	0.01-0.00	4.0	9.5	8.40	2016/10 <b></b> 2016/10	<250	<2.50	<2.50	<2.50	<2.50	537	1.59	-
12/27/2000		j		4.0	9.5	8.95									
02/09/2001	a - 10			4.0	9.5	8.87	8 9 C		64 64 <b></b> 0 (8)	-			80 (0.18 <u>—</u> 0.18)		
04/17/2001		j		4.0	9.5	9.00									
07/17/2001	-	avor so so j	0 0	4.0	9.5	8.97	5 (1970) <del></del> (1970)	80 (0 <b></b> 0 (0	0.09-0.00		\$0.00 <b></b>		(0.00 ( <b></b> (0.00)	0.00_00	-
12/21/2001		k		4.0	9.5										

#### SYMBOLS AND ABBREVIATIONS:

- -- = Not sampled/analyzed/available/applicable
- < = Not detected at or above specified laboratory reporting limit
- DO = Dissolved oxygen
- DTW = Depth to water in ft bgs
- ft bgs = Feet below ground surface
- GRO = Gasoline range organics
- GWE = Groundwater elevation in ft MSL
- mg/L = Milligrams per liter
- ft MSL = Feet above mean sea level
- MTBE = Methyl tert-butyl ether
- NP = Well was not purged prior to sampling
- P = Well was purged prior to sampling
- TOC = Top of casing elevation in ft MSL
- TPH-g = Total petroleum hydrocarbons as gasoline
- μg/L = Micrograms per liter

#### FOOTNOTES:

- a = Discrete peak at C6-C7 for GRO/TPH-g.
- b = Hydrocarbon pattern was present in the requested fuel quantitation range but did not resemble the pattern of the requested fuel for GRO/TPH-g.
- c = Chromatogram Pattern: C6-C10 for GRO/TPH-g.
- d = Well casing broken, TOC unknown.
- e = Well mistakenly sampled this quarter.
- f = Well casing was repaired and needs to be resurveyed.
- g = Beginning the 1st quarter of 2003, TPH-g, benzene, toluene, ethylbenzene, total xylenes, and MTBE were analyzed by EPA Method 8260B.
- h = Elevations resurveyed on 7/21/2003.
- i = Blind duplicate sample.
- i = Well was dry.
- k = Well abandoned.
- m = Well inaccessible.
- n = Opening calibration verification standard for MTBE outside acceptance criteria.
- o = Well dewatered.
- p = VOAs broken prior to analysis of sample.
- g = Hydrocarbon results partly due to indiv. peak(s) in quant. range (GRO).

#### NOTES

For previous historical GWE and analytical data please refer to fourth quarter 1995 groundwater monitoring program results, ARCO Service Station 6041, Dublin, California, (EMCON, 02/26/96).

pH levels for Well MW-3 on 12/05/03 ranged from 7.2 to 11.25.

The values for DO and pH levels were obtained through field measurements.

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 inclusion of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.

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

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

Table 2. Summary of Fuel Additives Analytical Data Station #6041, 7249 Village Parkway, Dublin, CA

Well and	Concentrations in (µg/L)								
Sample Date	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Comments
MW-2									
12/27/2002	<20,000	<10,000	790	<250	<250	<250	<250	<250	
03/12/2003	<100	540	11	<0.50	<0.50	<0.50	<0.50	<0.50	
06/28/2003	<100	<20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
09/30/2003	<100	290	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	
12/05/2003	<100	730	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2004	<1,000	13,000	5.6	<5.0	<5.0	<5.0	<5.0	<5.0	
06/21/2004	<200	2,900	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	
09/17/2004	<200	2,100	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
12/13/2004	<100	860	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	
03/03/2005	<1,000	5,000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	The state of the s
06/23/2005	<100	1,900	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	b b
09/16/2005	<200	3,600	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	Accessional control and a second control and a seco
12/27/2005	<500	3,800	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	C-market and the second of the
03/02/2006	<1,500	3,300	5.8	<2.5	<2.5	<2.5	<2.5	<2.5	
6/23/2006	<1,500	650	4.2	<2.5	<2.5	<2.5	<2.5	<2.5	
9/19/2006	<300	340	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	
12/19/2006	<300	1,300	0.70	<0.50	<0.50	<0.50	<0.50		c c
3/29/2007	<300	1,300	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	d (TBA)
MW-3									
12/27/2002	<40,000	<20,000	1,100	<500	<500	<500	<500	<500	
03/12/2003	<2,000	6,100	45	<10	<10	<10	<10	<10	
06/28/2003	<2,000	29,000	140	<10	<10	<10	<10	<10	
09/30/2003	<5,000	39,000	650	<25	<25	<25	<25	<25	**************************************
12/05/2003	<5,000	39,000	480	<25	<25	<25	<25	<25	
03/10/2004	<200	590	75	<1.0	<1.0	<1.0	<1.0	<1.0	**************************************
06/21/2004	<5,000	34,000	370	<25	<25	<25	<25	<25	
09/17/2004	<10,000	53,000	280	<50	<50	<50	<50	<50	
12/13/2004	<500	5,300	460	<2.5	<2.5	<2.5	<2.5	<2.5	
03/03/2005	<500	940	130	<2.5	<2.5	<2.5	<2.5	<2.5	14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -
06/23/2005	<100	9,400	40	<0.50	<0.50	<0.50	<0.50	<0.50	b
09/16/2005	<1,000	20,000	270	<5.0	<5.0	<5.0	<5.0	<5.0	4 (1994) - 1994

Table 2. Summary of Fuel Additives Analytical Data Station #6041, 7249 Village Parkway, Dublin, CA

Well and	Concentrations in (µg/L)								
Sample Date	Ethanol	TBA	МТВЕ	DIPE	ЕТВЕ	TAME	1,2-DCA	EDB	Comments
MW-3 Cont.									
12/27/2005	<500	1,700	230	<2.5	<2.5	<2.5	<2.5	<2.5	c
03/02/2006	<1,500	400	24	<2.5	<2.5	<2.5	<2.5	<2.5	Page 3 for an increase where the state of process contraction of the state of the s
6/23/2006	<300	13,000	47	<0.50	<0.50	<0.50	<0.50	<0.50	b, c
9/19/2006	<300	1,500	14	<0.50	<0.50	<0.50	<0.50	<0.50	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
12/19/2006	<3,000	4,900	270	<5.0	<5.0	<5.0	<5.0		
3/29/2007	<3,000	6,000	420	<5.0	<5.0	<5.0	<5.0	<5.0	The state of the s
MW-4									
12/27/2002	<40	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
03/12/2003	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
06/28/2003	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
09/30/2003	<100	<20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
12/05/2003	<100	<20	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
06/21/2004	<100	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
09/17/2004	<100	<20	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
12/13/2004	<100	85	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	
03/03/2005	<100	<20	6.3	<0.50	<0.50	<0.50	<0.50	<0.50	
09/16/2005	<100	79	4.2	<0.50	<0.50	<0.50	<0.50	<0.50	
9/19/2006	<300	<20	5.8	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5									
12/27/2002	<40	<20	15	<0.50	<0.50	<0.50	<0.50	<0.50	
12/05/2003	<100	<20	22	<0.50	<0.50	<0.50	<0.50	<0.50	
09/17/2004		-	5 o T 10 0	-	-	-		-	Well inaccessible
09/24/2004	<100	<20	17	<0.50	<0.50	<0.50	<0.50	<0.50	
09/16/2005	<100	<20	69	<0.50	<0.50	<0.50	<0.50	<0.50	
9/19/2006	<300	<20	82	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-6									
12/27/2002	<40	<20	0.91	<0.50	<0.50	<0.50	<0.50	<0.50	
03/12/2003	<100	<20	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	1 To
06/28/2003	<100	<20	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data Station #6041, 7249 Village Parkway, Dublin, CA

Well and	Concentrations in (µg/L)								
Sample Date	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Comments
MW-6 Cont.									
09/30/2003	<500	<100	3.9	<2.5	<2,5	<2.5	<2.5	<2.5	
09/17/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2 (2000)
09/16/2005	<100	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/19/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a dropping menangangang pumpanggangganggang pumpanggangganggang pumpanggangganggangganggangganggangganggang
MW-7									
12/27/2002	<40	<20	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-8									
12/27/2002	<400	260	73	<5.0	<5.0	<5.0	<5.0	<5.0	
03/12/2003	<5,000	2,200	740	<25	<25	<25	<25	<25	###   Manufacture   Manufactur
06/28/2003	<5,000	12,000	2,900	<25	<25	<25	<25	<25	
09/30/2003	<2,000	28,000	180	<10	<10	<10	<10	<10	a
12/05/2003	<500	500	150	<2.5	<2.5	<2.5	<2.5	<2.5	
03/10/2004	<1,000	420	370	<5.0	<5.0	<5.0	<5.0	<5.0	
06/21/2004	<1,000	9,200	400	<5,0	<5.0	<5.0	<5.0	<5.0	
09/17/2004	<100	83	22	<0.50	<0.50	<0.50	<0.50	<0.50	
12/13/2004	<100	540	6.6	<0.50	<0.50	<0.50	<0.50	<0.50	
03/03/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2 Control of the cont
06/23/2005	<100	440	26	<0.50	<0.50	<0.50	<0.50	<0.50	
09/16/2005	<500	5,000	49	<2.5	<2.5	<2.5	<2.5	<2.5	The state of the s
03/02/2006	<1,500	200	14	<2.5	<2.5	<2.5	<2.5	<2.5	
9/19/2006	<1,500	5,200	89	<2.5	<2.5	<2.5	<2.5	<2.5	2   1900
3/29/2007	<300	400	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	

#### ABBREVIATIONS AND SYMBOLS:

< = Not detected at or above specified laboratory reporting limit

1,2-DCA = 1,2-Dichloroethane

DIPE = Di-isopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

μg/L = micrograms per liter

#### FOOTNOTES:

- a = The result for TBA was reported with a possible high bias due to the continuing calibration verification falling outside acceptance criteria.
- b = The initial analysis of TBA was within the hold time but required dilution.
- c = Calibration verification for ethanol was within method limits but outside contract limits.
- d = Sample > 4x spike concentration.

#### NOTES:

All fuel oxygenate 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 #6041, 7249 Village Parkway, Dublin, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
2/15/1995	NR	NR
5/24/1995	East-Southeast	0.002
8/25/1995	Northwest	0.006
11/28/1995	North	0.006
2/26/1996	East	0.012
5/23/1996	Flat Gradient	Flat Gradient
8/23/1996	Flat Gradient	Flat Gradient
3/21/1997	South-Southeast	0.005
8/20/1997	South-Southwest	0.001
11/21/1997	South-Southwest	0.002
2/12/1998	East	0.024
7/31/1998	Northwest	0.01
2/17/1999	Southeast	0.007
8/24/1999	South-Southwest	0.013
3/1/2000	South-Southeast	0.005
9/26/2000	South-Southeast W Continues	0.002 0.003
12/27/2000	West-Southwest West-Southwest	0.003
2/9/2001	South-Southwest	0.003
4/17/2001	South-Southwest	0.003
7/17/2001 12/21/2001	East East	0.002
3/6/2002	East	0.003
4/26/2002	Southeast	0.003
9/27/2002	South	0.013
12/27/2002	Southeast	0.011
3/12/2003	South-Southeast	900,0
6/28/2003	South	0.001
9/30/2003	Southwest	0.002
12/5/2003	West	0.009
3/10/2004	South-Southeast	0.003
6/21/2004	Southeast	0.004
9/17/2004	Variable	0.001 - 0.007
9/17/2004	Variable	0.001-0.007
12/13/2004	East	0.002
3/3/2005	East	0.02
6/23/2005	Variable	0.02 - 0.005
9/16/2005	Northcast	0.005
12/27/2005	East-Northeast	0.007
3/2/2006	Northeast	0.005
6/23/2006	Northeast North No	0.004
9/19/2006	North-Northeast	0.004
12/19/2006	North-Northeast	0,006

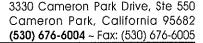
## Table 3. Historical Ground-Water Flow Direction and Gradient Station #6041, 7249 Village Parkway, Dublin, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
3/29/2007	North-Northeast	0.004

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 ENVIRONMENTAL, INC. GROUND-WATER SAMPLING DATA PACKAGE (INCLUDES BILL OF LADING, FIELD DATA SHEETS, AND LABORATORY REPORT AND CHAIN OF CUSTODY DOCUMENTATION)





April 17, 2007

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

Re:

Groundwater Sampling Data Package, BP Service Station No. 6041, located at 7249 Village Parkway, Dublin, California (Quarterly Monitoring performed on March 29, 2007)

#### **General Information**

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

Phone Number: (530) 676-6000

On-Site Supplier Representative: Jerry Gonzales

Date: March 29, 2007

Arrival: 12:55 Departure: 14:45

Weather Conditions: Clear Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

Variations from Work Scope: Well MW-7 contained less than one foot of water and was

interpreted to be dry.

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

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Jay R. Johnson

No. 5867

Project Manager

Project Manager

#### Attachments:

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

CC: Mr. Paul Supple, BP/ARCO

#### BP GEM OIL COMPANY

## TYPE A BILL OF LADING

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

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

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

1	
6041	
Station #	
Dublin – 7249 Village Parkway	
Station Address	
Total Gallons Collected From Gro	undwater Monitoring Wells:
Added Equipment S	Any Other Adjustments
TOTAL GALS. RECOVERED 36	loaded onto Doulos vehicle #
Stratus Project #	time date
	1500 3129107
Signature Joan.	46.
**************************************	,
BP 5786 Unloaded by Signature	<u>1845 3129 107</u>

### BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

Gauge Date: 3.28 07

Project Name: Dublin - 7249 Village Parkway

Field Technician: Jerrs

Project Number: 6041

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		MEASUREMENT					PURGE & SAMPLE	SHEEN CONFIRMATION	COMMENTS
		тос	DTP	DTW	DTB	DIA	ELEV		(w/bailer)	
MW. Z	13:22			6.61	238					
MUNIS	13:18			7.45	1382					
MNJ-4	13:25			6.23	1435					
MW.5	13:00			تري	18.05					
MW. 2 MW. 9 MW. 6 MW. 6 MM. 9	1305			6.23 853 7.72	12,65					
MAN 9	13:11			7.95	807	***************************************				Dry
MM &	13:15			7.55	1250					<u>ν</u> - , ,
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									· James,	<u> </u>
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<b>L</b>										

,	BP ALAMEDA PO	ORTFOLIO			
W	ATER SAMPLE FIEL	D DATA SHEET			
PROJECT#: 6041	PURGED BY: Ja	and of	WELL I.D.:	シ- ユ	
CLIENT NAME:	SAMPLED BY:		WELL I.D.: WW- Z		
LOCATION: Dublin - 7249 Village Parkwa	ıy		QA SAMPLES:		
DATE PURGED 3-29-35	START (2400hr) / /	クママ	END (2400hr)		
DATE SAMPLED 3-29.0)	SAMPLE TIME (2400hr)	14:30	END (2400NF)		
SAMPLE TYPE: Groundwater x	Surface Water	Treatment Effluer	nt Other		
CASING DIAMETER: 2" Casing Volume: (gallons per foot) (0.17)	3" 4" (0.67)	_ 5"6"	(1.50) 8" (2.60)	Other	
DEPTH TO BOTTOM (feet) = 9,5	8	CASING VOLUM	ME (gal) = / <	>-	
DEPTH TO WATER (feet) = 6.6	/	CALCULATED I		7	
WATER COLUMN HEIGHT (feet) = 2-7		ACTUAL PURG	******	*0	
	FIELD MEASURE	MENTS			
DATE TIME VOLUME		CTIVITY pH	COLOR	TI IN DANAGE	
3-78-0 (2400hr) (gal)		nos/cm) (uni	ts) (visual)	TURBIDITY (NTU)	
14:24 4	$\begin{array}{ccc} \frac{232}{23.5} & \frac{23}{23} \\ \end{array}$	100 5	76 - 6/90	·	
14:25 6	$\frac{2}{23.5}$	<u> </u>	<b>岩</b> —		
SAMPLE DEPTH TO WATER: 6-75	SAMPLE INFORMA		LE TURBIDITY: <u></u>	con	
80% RECHARGE: YES NO	ANALYSES: S	ee work	Coler Coler		
ODOR: SAMPLE VES	SEL/PRESERVATIVE: (	6 Vou-14c			
PURGING EQUIPMENT		SAMPI.	ING EQUIPMENT		
Bladder Pump Bailer (Tef		Bladder Pump	Bailer (Teflon)		
Centrifugal Pump Bailer (PV Submersible Pump Bailer (Stai	·	Centrifugal Pump	✓ Bailer ( PV	C or disposable)	
Peristalic Pump Dedicated		Submersible Pump Peristalic Pump	Bailer (Stainless Ste Dedicated	eel)	
Other:	Other	-		<del></del>	
Pump Depth: 65					
WELL INTEGRITY:	****	LOCE	CH: MASTER		
REMARKS: 25 3.2 2					
		***			
SIGNATURE:			**************************************	Page of	
V/F					

	BP ALAMEDA PO	RTFOLIO						
W	WATER SAMPLE FIELD DATA SHEET							
PROJECT #: 6041 CLIENT NAME:	PURGED BY: SAMPLED BY:		I.D.: 100 3					
LOCATION: Dublin - 7249 Village Parkw			LE I.D.: AMPLES:					
DATE PURGED 3.29.3	START (2400hr) /3	7 9	2400hr) / 3 : 5 3					
DATE SAMPLED 3.22.27	SAMPLE TIME (2400hr)	14:10						
SAMPLE TYPE: Groundwater x	Surface Water	Treatment Effluent	Other					
CASING DIAMETER: 2" Casing Volume: (gallons per foot) (0.17)	3" (0.38) 4" (0.67)	5" 6" (1.50)	8" Other ()					
DEPTH TO BOTTOM (feet) = /3.8	2	CASING VOLUME (gal) =	= 4.4					
DEPTH TO WATER (feet) = 7.15		CALCULATED PURGE (						
WATER COLUMN HEIGHT (feet) = 6	·	ACTUAL PURGE (gal) =	14.0					
	FIELD MEASUREM	ENTS '						
DATE TIME VOLUME (2400hr) (gal)  3.793 / 3.79 % % S	TEMP. CONDUC (degrees F) (umhos		COLOR TURBIDITY (visual) (NTU)  CLocal					
/ 13251 9.0 // 13252 10.0	23.2 /39	22 724 3 7-21						
	-							
SAMPLE DEPTH TO WATER:	SAMPLE INFORMAT	TON SAMPLE TURB	IDITY: elec					
80% RECHARGE: YES NO	ANALYSES: S	ee work ora	ho					
ODOR: SAMPLE VES	SEL/PRESERVATIVE:	voa-HCL						
PURGING EQUIPMENT		SAMPLING EQU	JIPMENT					
Bladder Pump Bailer (Te Centrifugal Pump Submersible Pump Peristalic Pump Bailer (PV Dedicated	C) Ce inless Steet) Su	entrifugal Pump  Bai  bmersible Pump  Bai	ler (Stainless Steel)					
Other: Pump Depth: 7.84	Other:	ristalic Pump Ded	ficated					
WELL INTEGRITY: 5001		LOCK#:	MrsT7					
REMARKS: 0 4.3 1		LOCK#: _/_	-/ o/ t					
SIGNATURE:			Page of					
			-					

BP	ALAMEDA POR	TFOLIO				
WATI	ER SAMPLE FIELD I	DATA SHEET				
	MPLED BY:		WELL I.D.: MAC SAMPLE I.D.: MAC QA SAMPLES:	n. 8 n. 8		
Dimension of the sales	ART (2400hr) / 3: MPLE TIME (2400hr), Surface Water	3 Z 1 3 YO Treatment Effluent	END (2400hr) / 3	:35		
CASING DIAMETER: 2" 3" Casing Volume: (gallons per foot) (0.17)	(0.38) 4" 5 (0.67)	5" 6"	(1.50) 8" (2.60)	Other		
DEPTH TO BOTTOM (feet) =       / 2.56         DEPTH TO WATER (feet) =       7.55         WATER COLUMN HEIGHT (feet) =       4.9		CASING VOLUME CALCULATED PU ACTUAL PURGE (	JRGE (gal) = 9.	>		
	FIELD MEASUREMEN	ITS				
(2400hr) (gal) ((gal) () (3:33	TEMP. CONDUCTIVE (umhos/c) / 05 % (umhos	VITY pH (units) 7.5	COLOR (visual)	TURBIDITY (NTU)		
SAMPLE DEPTH TO WATER: 775	SAMPLE INFORMATIC		TURBIDITY:	* as		
80% RECHARGE: YES NO ODOR: ODOR: SAMPLE VESSEL	ANALYSES: SCO					
PURGING EQUIPMENT  Bladder Pump Bailer (Teflon)  Centrifugal Pump Bailer (PVC)  Submersible Pump Bailer (Stainless Peristalic Pump Dedicated  Other:  Pump Depth:	Cent Steel) Subn	SAMPLING EQUIPMENT  Bladder Pump Bailer (Teflon)  Centrifugal Pump Bailer ( PVC or disposable)  Submersible Pump Bailer (Stainless Steel)  Peristalic Pump Dedicated  Other:				
WELL INTEGRITY: 5000 REMARKS: DO 1,6 7		LOCK#	Marke			
SIGNATURE: Vise			3	Pageof		

## Wellhead Observation Form

Account:	6041	
Sampled by:	Jerry	Date: 3-28-7

Well ID	Box in good condition	Lock Missing (Replaced with new)	Water in Box	Bolts Missing	Boits Stripped	Bolt-Holes Stripped	Cracked or Broken Lid	Cracked Box and/or Bolt - Holes	Misc.	Add'l Notes and Other Stuff
W. 5	4	N	N	N	N	N	N	1		
instal	4	N	9	N	N	N	1	N		
ar il	4	N	N	$\sim$	N	N	N	N		
ucros	4	4/								
nu 6		N	$\sim$	N	N	N	N	N		
2011-8	4	N	N	N	N	N	N	N		·
	-	70		7		N	N	N		
							<u> </u>			
				-						
						<u> </u>				
							<u>_</u>			



## Atlantic Richfield A BP affiliated company

## **Chain of Custody Record**

Project Name: ARCO 6041

BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > Alameda > 6041

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

	rage 1 of 1
On-site Time: 1255	Temp: 65
Off-site Time: 14:45	Temp: 65
Sky Conditions: Clear	* ****
Meteoròlogical Events: New	
Wind Speed:	Direction:

BP/AR Facility Address:   3330 Cameron Park Drive, Suite 550					7	DD4-DD 44 37			41	-	-						C	14 4	/Ct-			Stephen Torr		tal Tax	
Site Lat/Long	Lab Name: TestAmerica				╢	· · · · · · · · · · · · · · · · · · ·					70 1		75.11			<del></del>									
California Global D No.   T0600100109   Consultant/Contractor Project No.	· · · · · · · · · · · · · · · · · · ·																								
Project No.   Enfos Project No.   Enfos Project No.   G0CIW-0016   Consultant/Contractor PME		-																							
Provision of OOC (circle one)   Provision   Tele/Fax: (530) 676-6000 / (		-																							
Preservative   Pres	Tele/Fax: 408-782-8156 408-782-6	_																							
Sample Description   Sample	BP/AR PM Contact: Paul Supple				-																				
Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.     Cost Element:   O1-Contractor labor   Invoice to: Atlantic Richfield Co.	Address: 2010 Crow Canyon Place, S	uite 150			┛									15 TO											
Lab   Bottle Order No:   Matrix   Laboratory No.   Sample Description	San Ramon, CA		.,		_  _																				
Rem   No.   Sample Description	Tele/Fax: 925-275-3506					Cost Element; 01-Contractor labor																			
1 MW-2   47 8   3.497   X	Lab Bottle Order No:			Matr	ix				Pi	eserva	/ative					Reque	sted Analysis								
MW-3	Item No. Sample Description			Soil/Solid Water/Liquid	Aır	Laboratory No.		Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	Methanol		GRO/BTEX/0xy*	1,2-DCA	Ethanol	ЕОВ	DRO					Sampl		_	g and
2 MW-3	1 MW-2	1436	3.29.7	x			6			Х			X	Х	X	X									
A   T   B   Cov 91-3 29 07   Cov   S   S   S   S   S   S   S   S   S		14 60	3-29-1				3			x			x	х	$\mathbf{x}$	Х						Oxy = MTB	E TAME	ETBE,DIP	E,TBA
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6 7 8 9 10 Sampler's Name: Jerry Gercales Sampler's Company: Deuto's ENU Shipment Date: Shipment Method:					$\top$																				
8 9 10 Sampler's Name: Jerry Gorcales Relinquished By / Affiliation Date Time // Acceptably / Affiliation Date Time Sampler's Company: Doulo's ENU Shipment Date: Shipment Method:		┪			┪							1													
8 9 10 Sampler's Name: Jerry Gercales Sampler's Company: Decclo's ENU Shipment Date: Shipment Method:  Relinquished By / Affiliation Date Time // Acceptably / Affiliation Date Time	6	<b> -</b>		<del>                                     </del>	-		<b> </b>	<b> </b>	$\vdash$			+-	╢		-		╁		-	-	-				
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9 10   Relinquished By / Affiliation   Date   Time   Accepted By / Affiliation   Date   Time   Sampler's Name: Jerry Gorcales   Relinquished By / Affiliation   Date   Time   Accepted By / Affiliation   Date   Time   Sampler's Company: Dout o's ENU   Shipment Date:   Shipment Method:	8																								
Sampler's Name: Jerry Gorcales  Relinquished By / Affiliation  Date Time // Acceptor By / Affiliation  Date Time // Acceptor By / Affiliation  Date Time // Acceptor By / Affiliation  Sampler's Company: Doctor's Env  Shipment Date:  Shipment Method:																			İ			·			
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Sampler's Company: Decito's ENU MASSE 4/2/07 /030 MASSETTE TA SAC 4/2/07 1030 Shipment Date: Shipment Method:				<u></u>			<u> </u>	<u> </u>	/ A 667			<u> </u>	-		<u>.                                     </u>	Films		//		nta V	, <u> </u>	Miliatics		Ddte	Time
Shipment Date: Shipment Method:	Sampler's Name: Jerry 6	MCales						a By	Alti!	INTION									Acce				<del>-</del>	* I	
Shipment Method:		5 END				fford Se						·	1/4/2	107	10	30		40				>/A-3	pe_	14140	10:30
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	Shipment Tracking No:					<u> </u>			/	<del></del> :			1		<u> </u>		<u> </u>							<u> </u>	1
Special Instructions: Please cc results to rmiller@broadbentinc.com	Special Instructions:	Please c	c result	s to rmill	er@b	roadbentinc.com									<del> </del>										
Custody Seals In Place: Yes / No					7.	137	- m-		D -	-alut:		OT: //	~		Pulm 1	Dianie 1	Von /1	NIO	1 7	MS/NA	en e	Sample Sul	hmitted	· Yes/N	· · · · · · · · · · · · · · · · · · ·
Custody Seals In Place: Yes / No   Temp Blank: Yes / No   Cooler Temp on Receipt: °F/C   Trip Blank: Yes / No   MS/MSD Sample Submitted: Yes / No   BP COC Rev. 5 10/11/2006	Custody Seals In Place: Y	es / No	ien	ip Blank:	Yes	/ No Coole	гте	ınp o	n Ke	ceipt:		r/\	Ų		110	otailk.	168/	NO	<u> </u>	A1/2/1A)	۱ کری				

13 April, 2007

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

RE: ARCO #6041, Dublin, CA Work Order: MQD0209

Enclosed are the results of analyses for samples received by the laboratory on 04/03/07 09:00. 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] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682 Project: ARCO #6041, Dublin, CA

Project Number: G0C1W-0016
Project Manager: Jay Johnson

MQD0209 Reported: 04/13/07 17:10

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MQD0209-01	Water	03/29/07 14:30	04/03/07 09:00
MW-3	MQD0209-02	Water	03/29/07 14:10	04/03/07 09:00
MW-8	MQD0209-03	Water	03/29/07 13:40	04/03/07 09:00
TB-6041-32907	MQD0209-04	Water	03/29/07 06:00	04/03/07 09:00

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





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

Project: ARCO #6041, Dublin, CA

Project Number: G0C1W-0016 Project Manager: Jay Johnson MQD0209 Reported: 04/13/07 17:10

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MQD0209-01) Water Sampled:	03/29/07 14:30	Received:	04/03/0	7 09:00			·		
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7D11014	04/11/07	04/12/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		93 %	<i>75</i> -	120	н	"	"	"	
MW-3 (MQD0209-02) Water Sampled:	03/29/07 14:10	Received:	04/03/0	7 09:00					
Gasoline Range Organics (C4-C12)	750	500	ug/l	10	7D11014	04/11/07	04/12/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		105 %	75-	120	rr	"	"	n	
MW-8 (MQD0209-03) Water Sampled:	03/29/07 13:40	Received:	04/03/01	7 09:00					
Gasoline Range Organics (C4-C12)	95	50	ug/l	1	7D11014	04/11/07	04/12/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		105 %	75-	120	"	77	n	rr .	****





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

Project: ARCO #6041, Dublin, CA

Project Number: G0C1W-0016
Project Manager: Jay Johnson

MQD0209 Reported: 04/13/07 17:10

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-2 (MQD0209-01) Water	Sampled: 03/29/07 14:30	Received:	: 04/03/07	09:00					
tert-Amyl methyl ether	ND	0.50	ug/l	l	7D11014	04/11/07	04/12/07	EPA 8260B	
Benzene	ND	0.50	U	B	U	ji .	11	и	
tert-Butyl alcohol	1300	20	D	It	If	н	ti	И	BE
Di-isopropyl ether	ND	0.50	U	If	lt .	Ħ	ıı .	И	
1,2-Dibromoethane (EDB)	ND	0.50	U	и	It	ŧI	ø	н	
1,2-Dichloroethane	ND	0.50	11	и	ıı	et e	O	**	
Ethanol	ND	300	IT	н	и	ti	0	*1	
Ethyl tert-butyl ether	ND	0.50	If	ji .	h	0	U	n	
Ethylbenzene	ND	0.50	P	ч	h	0	0	tı	
Methyl tert-butyl ether	1.3	0.50	К	ři.	11	U	II .	11	
Toluene	ND	0.50	n.	п	и	U	II .	n	
Xylenes (total)	ND	0.50	Jt .	н	ij	u,	U	11	
Surrogate: Dibromofluoromethan	e	94 %	75-	120	"	"	n	u .	
Surrogate: 1,2-Dichloroethane-d4	1	93 %	75-	120	"	"	"	"	
Surrogate: Toluene-d8		97%	80-	120	"	11	n	"	
Surrogate: 4-Bromofluorobenzen	?	87 %	60-	135	"	"	<i>"H</i>	n .	
MW-3 (MQD0209-02) Water	Sampled: 03/29/07 14:10	Received:	04/03/07	09:00					
tert-Amyl methyl ether	ND	5.0	ug/l	10	7D11014	04/11/07	04/12/07	EPA 8260B	
Benzene	180	5.0	R	ıı	ji ,	0	H	0	
tert-Butyl alcohol	6000	200	l†	n	t)	0	If	0	
Di-isopropyl ether	ND	5.0	Jt	#1	11	17	II .	II.	
1,2-Dibromoethane (EDB)	ND	5.0	It	н	**	"	It	n	
1,2-Dichloroethane	ND	5.0	и	*1	п	19	и	IT	
Ethanol	ND	3000	H	n	ŋ	lt .	*1	Iţ	
Ethyl tert-butyl ether	ND	5.0	н	ŧı	0	)f	ŧı	И	,
Ethylbenzene	9.2	5.0	н	fı	0	н	n	н	
Methyl tert-butyl ether	420	5.0	11	0	0	μ	H	N	
Toluene	ND	5.0	Ħ	II.	t#	Ħ	II	n	
Xylenes (total)	7.1	5.0	Ħ	U	H	ti	U	п	
Surrogate: Dibromofluoromethan	e	99 %	75	120	"	"	n	n	
Surrogate: 1,2-Dichloroethane-d4	#	105 %	75-	120	"	"	"	"	
Surrogate: Toluene-d8		102 %	80-	120	"	n	n	<i>n</i>	
Surrogate: 4-Bromofluorobenzene	?	83 %	60-	135	"	**	"	н	
G				-					





Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Project: ARCO #6041, Dublin, CA

MQD0209 Reported:

Cameron Park CA, 95682

Project Number: G0C1W-0016 Project Manager: Jay Johnson

04/13/07 17:10

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-8 (MQD0209-03) Water	Sampled: 03/29/07 13:40					<u> </u>			
tert-Amyl methyl ether	ND	0.50	ug/l	1	7D11014	04/11/07	04/12/07	EPA 8260B	
Benzene	3.1	0.50	II.	"	U	)t	н	It	
tert-Butyl alcohol	400	20	II.	17	D.	В	И	IF	
Di-isopropyl ether	ND	0.50	D.	Ŋ	II.	п	11	I\$	
1,2-Dibromoethane (EDB)	ND	0.50	0	н	IP.	n	<b>?1</b>	R	
1,2-Dichloroethane	ND	0.50	ø	н	II.	н	*1	H	
Ethanol	ND	300	0	H	Iţ	'n	ŧ1	JE	
Ethyl tert-butyl ether	ND	0.50	0	P	I)	н	łı	It	
Ethylbenzene	0.58	0.50	0	H	D	n n	*1	II.	
Methyl tert-butyl ether	5.1	0.50	II .	B	17	н	Ħ	H.	
Toluene	ND	0.50	U	e	D	"	†1	и	
Xylenes (total)	ND	0.50	U	lf	lt .	. н	ri .	п	
Surrogate: Dibromofluorometha	ne	98 %	75-1	20	"	н	v	rr .	
Surrogate: 1,2-Dichloroethane-a	14	105 %	75-1	20	"	**	"	rr .	
Surrogate: Toluene-d8		96 %	80-1	20	"	11	ν	n	
Surrogate: 4-Bromofluorobenzer	пе	90 %	60-1	35	"	"	<i>"</i> "	и	





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

Project: ARCO #6041, Dublin, CA

Project Number: G0C1W-0016 Project Manager: Jay Johnson MQD0209 Reported: 04/13/07 17:10

# 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 7D11014 - EPA 5030B P/T / L	UFT GCMS									
Blank (7D11014-BLK1)				Prepared:	04/11/07	Analyzed	1: 04/12/07			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.37		n	2.50		95	75-120			
Laboratory Control Sample (7D11014-B	S2)			Prepared	& Analyze	ed: 04/11/	07			
Gasoline Range Organics (C4-C12)	505	50	ug/l	500		101	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.56		n	2.50		102	75-120			
Laboratory Control Sample Dup (7D110	14-BSD2)			Prepared 4	& Analyze	ed: 04/11/	07			
Gasoline Range Organics (C4-C12)	461	50	ug/l	500		92	65-120	9	20	
Surrogate: 1,2-Dichloroethane-d4	2.60		"	2.50		104	75-120			





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

Cameron Park CA, 95682

Analyte

Project: ARCO #6041, Dublin, CA

Spike

Level

Source

Result

%REC

%REC

Limits

MQD0209 Reported:

RPD

Limit

RPD

Result

Project Number: G0C1W-0016 Project Manager: Jay Johnson

04/13/07 17:10

Notes

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

Reporting

Limit

Blank (7D11014-BLK1)				Prepared: 04/11/	07 Analyzed	1: 04/12/07	
tert-Amyl methyl ether	ND	0.50	ug/l				
Benzene	ND	0.50	**				
tert-Butyl alcohol	ND	20	н				
Di-isopropyl ether	ND	0.50	d				
1,2-Dibromoethane (EDB)	ND	0.50	**				
1,2-Dichloroethane	ND	0.50					
Ethanol	ND	300	þi				
Ethyl tert-butyl ether	ИD	0.50	ц				
Ethylbenzene	ND	0.50	U				
Methyl tert-butyl ether	ND	0.50	н				
Toluene	ND	0.50	н				
Xylenes (total)	ND	0.50	If				
Surrogate: Dibromofluoromethane	2.34		"	2.50	94	75-120	
Surrogate: 1,2-Dichloroethane-d4	2.37		"	2.50	95	75-120	
Surrogate: Toluene-d8	2.47		"	2.50	99	80-120	
Surrogate: 4-Bromofluorobenzene	2.05		"	2.50	82	60-135	
Laboratory Control Sample (7D11014-BS1)				Prepared & Ana	lyzed: 04/11/	07	
tert-Amyl methyl ether	11.4	0.50	ug/l	10.0	114	65-135	
Benzene	10.0	0.50	Ц	10.0	100	75-120	
tert-Butyl alcohol	194	20	IT	200	97	60-135	
Di-isopropyl ether	9.80	0.50	U	10.0	98	70-130	
1,2-Dibromoethane (EDB)	11.9	0.50	U	10.0	119	80-135	
1,2-Dichloroethane	10.8	0.50	н	10.0	801	70-125	
Ethanol	181	300	н	200	90	15-150	
Ethyl tert-butyl ether	10.4	0.50	**	10.0	104	65-130	
Ethylbenzene	9.42	0.50	ţ1	10.0	94	75-120	
Methyl tert-butyl ether	11.4	0.50	#1	10.0	114	50-140	

0.50

0.50

10.4 29.5

2.45

2.71

2.45

2.19

10.0

30.0

2.50

2.50 2.50

2.50

Surrogate: Dibromofluoromethane

Surrogate: 1,2-Dichloroethane-d4

Surrogate: 4-Bromofluorobenzene

Toluene

Xylenes (total)

Surrogate: Toluene-d8

75-120

75-120

75-120

75-120

80-120

60-135

104

98

98

108

98

88





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

Project: ARCO #6041, Dublin, CA

Spike

Source

%REC

Project Number: G0C1W-0016

Project Manager: Jay Johnson

MQD0209 Reported: 04/13/07 17:10

RPD

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

Reporting

Di-isopropyl ether 11.6 0.50 " 10.0 ND 116 70-130 1.2-Dibromoethane (EDB) 13.5 0.50 " 10.0 ND 135 80-135 1.2-Dichloroethane 12.5 0.50 " 10.0 ND 125 70-125 Ethanol 257 300 " 200 ND 128 15-150 Ethyl tert-butyl ether 12.3 0.50 " 10.0 ND 123 65-130 Ethylbenzene 11.7 0.50 " 10.0 ND 117 75-120 Methyl tert-butyl ether 14.2 0.50 " 10.0 ND 117 75-120 Methyl tert-butyl ether 14.2 0.50 " 10.0 ND 122 75-120 LM Xylenes (total) 35.9 0.50 " 30.0 ND 120 75-120 LM Xylenes (total) 35.9 0.50 " 2.50 91 75-120 Surrogate: 1,2-Dichloroethane-44 2.42 " 2.50 97 75-120 Surrogate: 1-2-Dichloroethane-44 2.47 " 2.50 99 80-120 Surrogate: 1-2-Dichloroethane-44 2.47 " 2.50 99 80-120 Surrogate: 4-Bromofluorobenzene 2.17 " 2.50 99 80-120 Surrogate: 4-Bromofluorobenzene 2.17 " 2.50 87 60-135 Ethylberty 10.8 Natrix Spike Dup (7D11014-MSD1) Source: MQD0209-01 Prepared & Analyzed: 04/11/07 Lert-Amyl methyl ether 10.8 0.50 ug/l 10.0 ND 108 65-135 19 25 Benzene 10.2 0.50 " 10.0 ND 100 75-120 15 20	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
International methyl ether   13.1	Batch 7D11014 - EPA 5030B P/T / E	CPA 8260B									
Benzene	Matrix Spike (7D11014-MS1)	Source: MQ	D0209-01		Prepared	& Analyz	ed: 04/11/	07			_
Drisopropyl ether   11.6	tert-Amyl methyl ether	13.1	0.50	ug/l	10.0	ND	131	65-135	***************************************		
Di-isopropy  ether   11.6	Benzene	11.8	0.50	71	10.0	ND	118	75-120			
1,2-Dichloromethane (EDB)   13.5   0.50   "   10.0   ND   135   80-135   1,2-Dichloromethane   12.5   0.50   "   10.0   ND   125   70-125   1.50	tert-Butyl alcohol	1530	20	11	200	1300	115	60-135			BB
1,2-Dichloroethane   12.5	Di-isopropyl ether	11.6	0.50	Ħ	10.0	ND	116	70-130			
Ethanol	1,2-Dibromoethane (EDB)	13.5	0.50	†1	10.0	ND	135	80-135			
Ethyl tert-butyl ether	1,2-Dichloroethane	12.5	0.50	**	10.0	ND	125	70-125			
Ethylbenzene	Ethanol	257	300	H	200	ND	128	15-150			
Methyl tert-butyl ether         14.2         0.50         " 10.0         1.3         129         50-140           Toluene         12.2         0.50         " 10.0         ND 122         75-120         LM           Xylenes (total)         35.9         0.50         " 2.50         91         75-120         LM           Surrogate: I)2-Dichloroenthane-d4         2.28         " 2.50         97         75-120         75-120           Surrogate: I)2-Dichloroenthane-d4         2.42         " 2.30         99         80-120         80-120           Surrogate: 4-Bromofluorobenzene         2.17         " 2.50         87         60-135         10-15           Matrix Spike Dup (7D11014-MSD1)         Source: MQD0209-01         Prepared & Analyzed: 04/1 I/07         10-15         1	Ethyl tert-butyl ether	12.3	0.50	n	10.0	ND	123	65-130			
Toluene   12.2   0.50   "   10.0   ND   122   75-120   Mayelines (total)   35.9   0.50   "   30.0   ND   120   75-120   Mayelines (total)   35.9   0.50   "   2.50   91   75-120   Mayelines (total)   35.9   2.42   "   2.50   97   75-120   Mayelines (total)   35.9   36-120   Mayelines (total)   36.9   36-120   36.9   36-120   36.9   36-120   36.9   36.9   36-120   36.9   36-120   36.9   36.9   36-120   36.9   36-120   36.9	Ethylbenzene	11.7	0.50	Д	10.0	ND	117	75-120			
Xylenes (total)   35.9   0.50   "   30.0   ND   120   75-120	Methyl tert-butyl ether	14.2	0.50	Д	10.0	1.3	129	50-140			
Surrogate: Dibromofluoromethane 2.28 " 2.50 91 75-120 Surrogate: 1,2-Dichloroethane-d4 2.42 " 2.50 97 75-120 Surrogate: 1,2-Dichloroethane-d4 2.47 " 2.50 99 80-120 Surrogate: 4-Bromofluorobenzene 2.17 " 2.50 87 60-135 Surrogate: 4-Bromofluorobenzene 2.17 Surrogate: 4-Bromofluorobenzene 2.18 Surrogate: 4-Bromofluorobenzene 2.18 Surrogate: 4-Bromofluoromethane 2.18 Surrogate: 4-Bromofluoromethane 2.18 Surrogate: 4-Bromofluoromethane 2.18 Surrogate: 4-Bromofluoromethane 2.18 Surrogate: 1.2-Dichloroethane 2.18 Surrogate	Toluene	12.2	0.50	и	10.0	ND	122	75-120			LM
Surrogate: 1,2-Dichloroethane-d4   2.42   "   2.50   97   75-120	Xylenes (total)	35.9	0.50	It*	30.0	ND	120	75-120			
Surrogate: 1,2-Dichloroethane-d4         2.42         " 2.50         97 75-120           Surrogate: Toluene-d8         2.47         " 2.50         99 80-120           Surrogate: 4-Bromofluorobenzene         2.17         " 2.50         87 60-135           Matrix Spike Dup (7D11014-MSD1)         Source: MQD0209-01         Prepared & Analyzed: O4/11/07           tert-Amyl methyl ether         10.8         0.50         ug/l         10.0         ND         108         65-135         19         25           Benzene         10.2         0.50         " 10.0         ND         102         75-120         15         20           tert-Butyl alcohol         1450         20         " 200         1300         75         60-135         5         25         BB           Di-isopropyl ether         10.0         0.50         " 10.0         ND         100         70-130         15         25         BB           1,2-Dibromoethane (EDB)         11.5         0.50         " 10.0         ND         100         70-125         14         25           Ethanol         203         300         " 200         ND         109         70-125         14         25           Ethyl berachen         96.2	Surrogate: Dibromofluoromethane	2,28		"	2.50		91	75-120			
Surrogate: Toluene-d8 Surrogate: 4-Bromofluorobenzene         2.47         " 2.50         99 80-120           Matrix Spike Dup (7D11014-MSD1)         Source: MQD0209-01         Prepared & Analyzed: 04/11/07           tert-Amyl methyl ether         10.8         0.50         ug/l         10.0         ND         108 65-135         19 25           Benzene         10.2         0.50         " 10.0         ND         102 75-120         15 20           tert-Butyl alcohol         1450         20         " 200 1300         75 60-135         5 25         25           Di-isopropyl ether         10.0         0.50         " 10.0         ND 100         70-120         15 25           1,2-Dibromoethane (EDB)         11.5         0.50         " 10.0         ND 115 80-135         16 30           1,2-Dichloroethane         10.9         0.50         " 10.0         ND 100 70-125         14 25           Ethanol         203         300         " 200         ND 109 70-125         14 25           Ethyl tert-butyl ether         10.6         0.50         " 10.0         ND 106 65-130         15 25           Ethyl tert-butyl ether         10.6         0.50         " 10.0         ND 106 65-130         15 25           Ethyl tert-butyl ether	·	2,42		n	2.50		97	75-120			
Matrix Spike Dup (7D11014-MSD1)         Source: MQD0209-01         Prepared & Analyzed: 04/11/07           tert-Amyl methyl ether         10.8         0.50         ug/l         10.0         ND         108         65-135         19         25           Benzene         10.2         0.50         "         10.0         ND         102         75-120         15         20           tert-Butyl alcohol         1450         20         "         200         1300         75         60-135         5         25         BB           Di-isopropyl ether         10.0         0.50         "         10.0         ND         100         70-130         15         25         18           1,2-Diribromoethane (EDB)         11.5         0.50         "         10.0         ND         100         70-135         16         30           1,2-Diribromoethane (EDB)         11.5         0.50         "         10.0         ND         109         70-125         14         25           Ethanol         203         300         "         200         ND         102         15-150         23         25           Ethyl tert-butyl ether         10.6         0.50         "         10.0 <td< td=""><td>Surrogate: Toluene-d8</td><td>2.47</td><td></td><td>"</td><td>2.50</td><td></td><td>99</td><td>80-120</td><td></td><td></td><td></td></td<>	Surrogate: Toluene-d8	2.47		"	2.50		99	80-120			
tert-Amyl methyl ether 10.8 0.50 ug/l 10.0 ND 108 65-135 19 25  Benzene 10.2 0.50 " 10.0 ND 102 75-120 15 20  tert-Butyl alcohol 1450 20 " 200 1300 75 60-135 5 25 BB  Di-isopropyl ether 10.0 0.50 " 10.0 ND 100 70-130 15 25  1,2-Dibromoethane (EDB) 11.5 0.50 " 10.0 ND 115 80-135 16 30  1,2-Dichloroethane 10.9 0.50 " 10.0 ND 109 70-125 14 25  Ethanol 203 300 " 200 ND 102 15-150 23 25  Ethyl tert-butyl ether 10.6 0.50 " 10.0 ND 106 65-130 15 25  Ethyl tert-butyl ether 10.6 0.50 " 10.0 ND 106 65-130 15 25  Ethyl tert-butyl ether 12.3 0.50 " 10.0 ND 96 75-120 20 20  Methyl tert-butyl ether 12.3 0.50 " 10.0 ND 101 75-120 19 25  Xylenes (total) 30.4 0.50 " 30.0 ND 101 75-120 19 25  Surrogate: Dibromofluoromethane 2.43 " 2.50 99 80-120  Surrogate: Toluene-d8 2.48 " 2.50 99 80-120	Surrogate: 4-Bromofluorobenzene	2.17		"	2.50		87	60-135			
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tert-Butyl alcohol 1450 20 " 200 1300 75 60-135 5 25 BB  Di-isopropyl ether 10.0 0.50 " 10.0 ND 100 70-130 15 25  1,2-Dibromoethane (EDB) 11.5 0.50 " 10.0 ND 115 80-135 16 30  1,2-Dichloroethane 10.9 0.50 " 10.0 ND 109 70-125 14 25  Ethanol 203 300 " 200 ND 102 15-150 23 25  Ethyl tert-butyl ether 10.6 0.50 " 10.0 ND 106 65-130 15 25  Ethyl tert-butyl ether 10.6 0.50 " 10.0 ND 96 75-120 20 20  Methyl tert-butyl ether 12.3 0.50 " 10.0 ND 96 75-120 20 20  Methyl tert-butyl ether 10.1 0.50 " 10.0 ND 101 75-120 19 25  Xylenes (total) 30.4 0.50 " 30.0 ND 101 75-120 19 25  Xylenes (total) 30.4 0.50 " 2.50 97 75-120  Surrogate: Dibromofluoromethane 2.43 " 2.50 97 75-120  Surrogate: Toluene-d8 2.48 " 2.50 99 80-120	tert-Amyl methyl ether	10.8	0.50	ug/l	10.0	ND	108	65-135	19	25	
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1,2-Dichloroethane       10.9       0.50       "       10.0       ND       109       70-125       14       25         Ethanol       203       300       "       200       ND       102       15-150       23       25         Ethyl tert-butyl ether       10.6       0.50       "       10.0       ND       106       65-130       15       25         Ethylbenzene       9.62       0.50       "       10.0       ND       96       75-120       20       20         Methyl tert-butyl ether       12.3       0.50       "       10.0       ND       96       75-120       20       20         Methyl tert-butyl ether       10.1       0.50       "       10.0       ND       10       50-140       14       25         Toluene       10.1       0.50       "       10.0       ND       101       75-120       19       25         Xylenes (total)       30.4       0.50       "       2.50       97       75-120       17       20         Surrogate: 1,2-Dichloroethane-d4       2.55       "       2.50       99       80-120       80-120	Di-isopropyl ether	10.0	0.50	0	10.0	ND	100	70-130	15	25	
Ethanol         203         300         "         200         ND         102         15-150         23         25           Ethyl tert-butyl ether         10.6         0.50         "         10.0         ND         106         65-130         15         25           Ethylbenzene         9.62         0.50         "         10.0         ND         96         75-120         20         20           Methyl tert-butyl ether         12.3         0.50         "         10.0         ND         96         75-120         20         20           Methyl tert-butyl ether         12.3         0.50         "         10.0         ND         96         75-120         20         20           Methyl tert-butyl ether         10.1         0.50         "         10.0         ND         101         50-140         14         25           Toluene         30.4         0.50         "         10.0         ND         101         75-120         17         20           Surrogate: Dibromofluoromethane         2.43         "         2.50         97         75-120         75-120           Surrogate: Toluene-d8         2.48         "         2.50         99         80	1,2-Dibromoethane (EDB)	11.5	0.50	0	10.0	ND	115	80-135	16	30	*
Ethyl tert-butyl ether       10.6       0.50       "       10.0       ND       106       65-130       15       25         Ethylbenzene       9.62       0.50       "       10.0       ND       96       75-120       20       20         Methyl tert-butyl ether       12.3       0.50       "       10.0       1.3       110       50-140       14       25         Toluene       10.1       0.50       "       10.0       ND       101       75-120       19       25         Xylenes (total)       30.4       0.50       "       30.0       ND       101       75-120       17       20         Surrogate: Dibromofluoromethane       2.43       "       2.50       97       75-120       75-120         Surrogate: 1,2-Dichloroethane-d8       2.48       "       2.50       99       80-120	1,2-Dichloroethane	10.9	0.50	0	10.0	ND	109	70-125	14	25	
Ethylbenzene       9.62       0.50       "       10.0       ND       96       75-120       20       20         Methyl tert-butyl ether       12.3       0.50       "       10.0       1.3       110       50-140       14       25         Toluene       10.1       0.50       "       10.0       ND       101       75-120       19       25         Xylenes (total)       30.4       0.50       "       30.0       ND       101       75-120       17       20         Surrogate: Dibromofluoromethane       2.43       "       2.50       97       75-120       75-120         Surrogate: 1,2-Dichloroethane-d4       2.55       "       2.50       99       80-120         Surrogate: Toluene-d8       2.48       "       2.50       99       80-120	Ethanol	203	300	II.	200	ND	102	15-150	23	25	
Methyl tert-butyl ether       12.3       0.50       "       10.0       1.3       110       50-140       14       25         Toluene       10.1       0.50       "       10.0       ND       101       75-120       19       25         Xylenes (total)       30.4       0.50       "       30.0       ND       101       75-120       17       20         Surrogate: Dibromofluoromethane       2.43       "       2.50       97       75-120         Surrogate: 1,2-Dichloroethane-d4       2.55       "       2.50       102       75-120         Surrogate: Toluene-d8       2.48       "       2.50       99       80-120	Ethyl tert-butyl ether	10.6	0.50	U	10.0	ND	106	65-130	15	25	
Toluene 10.1 0.50 " 10.0 ND 101 75-120 19 25  Xylenes (total) 30.4 0.50 " 30.0 ND 101 75-120 17 20  Surrogate: Dibromofluoromethane 2.43 " 2.50 97 75-120  Surrogate: 1,2-Dichloroethane-d4 2.55 " 2.50 102 75-120  Surrogate: Toluene-d8 2.48 " 2.50 99 80-120	Ethylbenzene	9.62	0.50	U	10.0	ND	96	75-120	20	20	
Xylenes (total)       30.4       0.50       "       30.0       ND       101       75-120       17       20         Surrogate: Dibromofluoromethane       2.43       "       2.50       97       75-120         Surrogate: 1,2-Dichloroethane-d4       2.55       "       2.50       102       75-120         Surrogate: Toluene-d8       2.48       "       2.50       99       80-120	Methyl tert-butyl ether	12.3	0.50	U	10.0	1.3	110	50-140	14	25	
Surrogate: Dibromofluoromethane         2.43         " 2.50         97 75-120           Surrogate: 1,2-Dichloroethane-d4         2.55         " 2.50         102 75-120           Surrogate: Toluene-d8         2.48         " 2.50         99 80-120	Toluene	10.1	0.50	U	10.0	ND	101	75-120	19	25	
Surrogate: 1,2-Dichloroethane-d4       2.55       "       2.50       102       75-120         Surrogate: Toluene-d8       2.48       "       2.50       99       80-120	Xylenes (total)	30.4	0.50	0	30.0	ND	101	75-120	17	20	
Surrogate: Toluene-d8         2.48         "         2.50         99         80-120	Surrogate: Dibromofluoromethane	2.43		"	2.50		97	75-120			
	Surrogate: 1,2-Dichloroethane-d4	2.55		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene 2.27 " 2.50 91 60-135	Surrogate: Toluene-d8	2.48		H.	2.50		99	80-120			
	Surrogate: 4-Bromofluorobenzene	2.27		n	2.50		91	60-135			





Relative Percent Difference

RPD

Project: ARCO #6041, Dublin, CA MQD0209 Stratus Environmental Inc. [Arco] Reported: 3330 Cameron Park Dr., Suite 550 Project Number: G0C1W-0016 Cameron Park CA, 95682 Project Manager: Jay Johnson 04/13/07 17:10

#### Notes and Definitions

PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
BB	Sample > 4x spike concentration
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified $% \left( 1\right) =\left( 1\right) \left( 1\right) $
NR	Not Reported
dry	Sample results reported on a dry weight basis

#### Lisa Race

From:

Sandy Hayes [shayes@stratusinc.net] Friday, April 13, 2007 5:31 PM Lisa Race

Sent:

To: Subject:

Problem COC's

Hi Lisa,

Per our telephone conversation please put the trip blanks for sites 4977, 6041 and 11120 on hold.

Thank you!

Sandy Hayes Stratus Environmental, Inc. 3330 Cameron Park Drive, Suite 550 Cameron Park, CA 95682 shayes@stratusinc.net Phone: 530-676-6004 Fax: 530.676.6005

Atlantic
Atlantic Richfield
Company

A BP affiliated company

**Chain of Custody Record** 

Project	Name:	I
rinlect	Hame:	

ARCO 6041

BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > Alameda > 6041

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

On-site Time: 1255	Temp: 65
Off-site Time: 14:45	Temp: 65
Sky Conditions: Clear	
Meteoròlogical Events: Mene	
Wind Speed:	Direction:

Address: 885 Jarvis Drive   State LawLong:   California Global Di No.:   T0600100109   Cameron Park, CA 95682   Cameron Park, CA 95682   California Global Di No.:   T0600100109   Consultant/Contractor Project No.:   Cameron Park, CA 95682   California Global Di No.:   T0600100109   Consultant/Contractor Project No.:   Cameron Park, CA 95682   California Global Di No.:   T0600100109   Consultant/Contractor Project No.:   Cameron Park, CA 95682   California Global Di No.:   T0600100109   Consultant/Contractor Project No.:   Cameron Park, CA 95682   Consultant/Contractor Project No.:   Cameron Park, CA 95682   Consultant/Contractor No.:   Cameron Park, CA 95682   Consultant/Contractor No.:   Cameron Park	Lab	Name: TestAmerica					BP/AR Facility N	o.:	6	041	-					<del></del>		76	1/			====		
Size Latitions   South   Sou	Add	ress: 885 Jarvis Drive									9 Vill	age Pa	rkw	ינו אינ	hlio			71					Stratus Environmental, Inc.	
Constitue   Cons	Mor	gan Hill, CA 95937							-		- 1 111	46010	AL. W.	.y, D	IU3III			Add	ress:					
Enfoa Project No.   COCIW-8016   COCIM-8016   COCIM-801	_							ID N	n. '	TO	กกาก	0100				<del></del> -		-	1.					
Place Processor Paul Supple    Provision or OOC (circle one)   Provision   Pro	Tele	Fax: 408-782-8156 408-782-63	08 (fax)															Con						
## Sample Description    Fine Content   Fine Content   Fine Content   Fine Content   Fine Content   Fine Fine Fine Fine Fine Fine Fine Fine	BP//	AR PM Contact: Paul Supple							le on								····							
San Ramon, CA seleFax 925-275-3506  Sub Phase Task: 03-Analytical E-mail EDD To: glewificing stratusine, net leaves to standard Richfield Co.  Be Bottle Order No: Matrix  Sample Description  Sample Description  Matrix  Laboratory No. 05 9 8 9 15 28 12 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Add	ess: 2010 Crow Canyon Place, Sui	te 150			$\neg \Vdash$		(011.		· · · · · · · ·			1011		·			7						
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ab Bottle Order No:  Sample Description  But a graph of the content of the conten	Tele/	Fax: 925-275-3506	· · · · · · · · · · · · · · · · · · ·			_	~- <del> </del>		*****			labor						E-m	ail ED	D To:	: <u>C</u> [	ewitt	@stratusinc.net	
Sample Description  Sample Description  Laboratory No. 5	Lab	Bottle Order No:			Ma	trix		ī	1					7			n				ntic R	ichfie	ıld Co.	
MW-2																								
2 MW-3	1	MW-2	1436	3.29-9																				
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Custody Seals In Place: Yes (No)   Temp Blank: (Yes)/No   Cooler Temp on Receipt: 3-9 °F(C)   Trip Blank: (Yes)/No   MS/MSD Sample Submitted: (Yes)/No		······································			- W 11(11)	- CIUGUI	· ·										·····				*			
MS/MSD Sample Submitted: Yes / No	٠. ــــــــــــــــــــــــــــــــــــ	Custody Seals In Place: Yes (	No	Tem	p Blank	:(Yes)/	No   Cooler	Ten	ים מו	Rec	eint	<u> 2                                   </u>	97.70	1	-		ilon!- X	3375			/O P			
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#### TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: Arco 604  REC. BY (PRINT) A.M.  WORKORDER: MQDO209		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	4-3-0 9:00 9-6-0	7		oca navene	For Regulatory Purposes?  DRINKING WATER YES / NO WASTE WATER YES / NO		
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE#	CLIENT ID	CONTAINER DESCRIPTION		pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)	
Custody Seal(s) Present (Absert		The state of the s	The state of the s					· · · · · · · · · · · · · · · · · · ·	
Intact / Broken*		Trindle man comme of the direct shows to the second decision of the		222		·			
2. Chain-of-Custody Present / Absent*		www.dell.edu.h.du.ne.ur.de.man.gen.gen.gen.gen.gen.gen.gen.gen.gen.ge		*** ***********************************			***************************************		
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Present / Absent							/	<del></del>	
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6. Sample Labels: Present Absent		The second between the second and property of the second second second second second second second second second	1	***************************************	~		//		
7. Sample IDs: (isled) Not Listed									
on Chain-of-Custody									
8. Sample Condition: Intact / Broken* /		The state of the s			W/				
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9. Does information on chain-of-custody,				<i>N</i> · /				Control of the Contro	
traffic reports and sample labels				1				AND THE RESERVE OF THE PARTY OF	
agree? (es)/ No*	M 4500 to \$2,500 m to to to the same		N N		******************	***************************************		e gale ha sama grama y am y c c gale cyp cyb cybra y c a argen, bhile plane gale	
10. Sample received within			$\Delta$					MATAN AND AND A STATE OF THE ST	
hold time? (res)/ No*			O'						
11. Adequate sample volume		a si					***************************************		
received? (es)/ No*			/						
12. Proper preservalizes used? (es)/ No*	*****				***************************************				
13. Trip Blank / Temp Blank/Received?								***	
(circle which, if yes) Yesy No*	*****						*******	***************************************	
14. Read Temp: 3.9°C								TERROTOR SECTION OF THE RESIDENCE SECTION OF THE PROPERTY OF T	
Corrected Temp: 3.9°C									
Is corrected temp 4 +/-2°C? (Yes) No**	,							**************************************	
(Acceptance range for samples requiring thermal pies.)		The state of the s						11	
**Exception (if any): METALS / DIFF ON ICE		and Superior to the final of building the superior of the contract of the cont						39	
or Problem COC		neuginentrian ett silanniste est melu:	Etc. School and Parket	15					

SR( Revision 8 Replaces Rev 7 (97/19/05) Effective 09/13/06 "IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Page \ of (

California Overnight Shipping Label



Date Printed 4/2/2007

Shipped From: TEST AMERICA - SACRAMENTO 819 STRIKER AVENUE 8

SACRAMENTO, CA 95834



Tracking#D10010126257800

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

wgt(lbs): 30 Reference:

Decl. Value: \$0.00

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

Service: S

Sort Code: SJC

Special Services:

### APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

## **Electronic Submittal Information**

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

Your EDF file has been successfully uploaded!

**Confirmation Number:** 9784461438

**Date/Time of Submittal:** 4/25/2007 4:30:27 PM

**Facility Global ID:** T0600100109 **Facility Name:** ARCO #6041

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

#### Click <u>here</u> to view the detections report for this upload.

ARCO #6041  7249 VILLAGE DUBLIN, CA 94568  Regional Board - Case #: 01-0117 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: RO0000452 ALAMEDA COUNTY LOP - (BC)		
	TLE Q07 GW Monitoring SUBMIT DATE STA nc. 4/25/2007 PEN	QUARTER Q1 2007 TUS NDING REVIEW
SAMPLE DETECTIONS REPORT  # FIELD POINTS SAMPLED 3  # FIELD POINTS WITH DETECTIONS 3  # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL 3  SAMPLE MATRIX TYPES WATER		
METHOD QA/QC REF METHODS USED TESTED FOR REQUIRED ANAI LAB NOTE DATA QUALIFIERS	LYTES?	8260FA,8260TPH Y Y
QA/QC FOR 8021/8260 SERIES SAMPLES  TECHNICAL HOLDING TIME VIOLATIONS 0  METHOD HOLDING TIME VIOLATIONS 0  LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT 0  LAB BLANK DETECTIONS 0  DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?  - LAB METHOD BLANK Y  - MATRIX SPIKE N  - MATRIX SPIKE DUPLICATE N  - BLANK SPIKE Y  - SURROGATE SPIKE		
WATER SAMPLES FOR 8021/8260 SERIES  MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% SURROGATE SPIKES % RECOVERY BETWEEN 85-115% YEAR 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 <u>SAMPLE</u> COLLECTED <u>DETECTIONS > REPDL</u> QCTB SAMPLES Ν 0 QCEB SAMPLES Ν 0 QCAB SAMPLES Ν 0

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

## **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!

<u>Submittal Title:</u> 1Q07 GEO\_WELL 6041 <u>Submittal Date/Time:</u> 4/25/2007 3:59:57 PM

**Confirmation Number: 1612688958** 

**Back to Main Menu** 

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