



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
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January 30, 2008

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

RECEIVED

2:40 pm, Jan 31, 2008

Alameda County
Environmental Health



Submitted by:

Paul Supple
Environmental Business Manager



A BP affiliated company

Fourth 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

January, 2008

Project No. 06-02-635

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



January 30, 2008

Project No. 06-02-635

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

Attn.: Mr. Paul Supple

Re: Fourth 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 *Fourth 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 Fourth Quarter, 2007 ground-water 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,

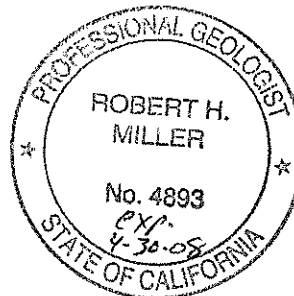
BROADBENT & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'M. G. Herrick', with a long horizontal line extending to the right.

Matthew G. Herrick, P.G.
Project Hydrogeologist

A handwritten signature in black ink, appearing to read 'Robert H. Miller', with a long horizontal line extending to the right.

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



Enclosures

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

STATION #6041 QUARTERLY GROUND-WATER MONITORING REPORT

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

WORK PERFORMED THIS QUARTER (Fourth Quarter, 2007):

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

WORK PROPOSED FOR NEXT QUARTER (First Quarter, 2008):

1. Submit Fourth Quarter, 2007 Ground-Water Monitoring Report (contained herein).
2. Conduct ground-water monitoring/sampling for First Quarter, 2008.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	<u>Ground-water monitoring/sampling</u>
Frequency of ground-water sampling:	<u>Wells MW-2 and MW-3: Quarterly Well MW-8: Semi-annually (1Q & 3Q) Wells MW-4 through MW-6: Annually (3Q)</u>
Frequency of ground-water monitoring:	<u>Quarterly</u>
Is free product (FP) present on-site:	<u>No</u>
Bulk Soil Removed to Date:	<u>3,208 cubic yards</u>
Current remediation techniques:	<u>NA</u>
Depth to ground water (below TOC):	<u>7.25 (MW-4) to 9.28 (MW-5) feet</u>
General ground-water flow direction:	<u>Northeast</u>
Approximate hydraulic gradient:	<u>0.005 Feet per foot</u>

DISCUSSION:

During Fourth Quarter, 2007 gasoline range organics (GRO) were detected in well MW-3 at a concentration of 190 micrograms per liter ($\mu\text{g/L}$). Benzene and ethylbenzene were detected in MW-3 at 21 $\mu\text{g/L}$ and 0.69 $\mu\text{g/L}$, respectively. Methyl tert-butyl ether (MTBE) was detected in MW-2 and MW-3 at concentrations of 0.64 $\mu\text{g/L}$ and 71 $\mu\text{g/L}$, respectively. Tert-butyl alcohol (TBA) was detected in wells MW-2 and MW-3 at concentrations of 380 $\mu\text{g/L}$ and 1,800 $\mu\text{g/L}$, respectively. No other analytes were detected in ground-water samples collected during Fourth Quarter, 2007.

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

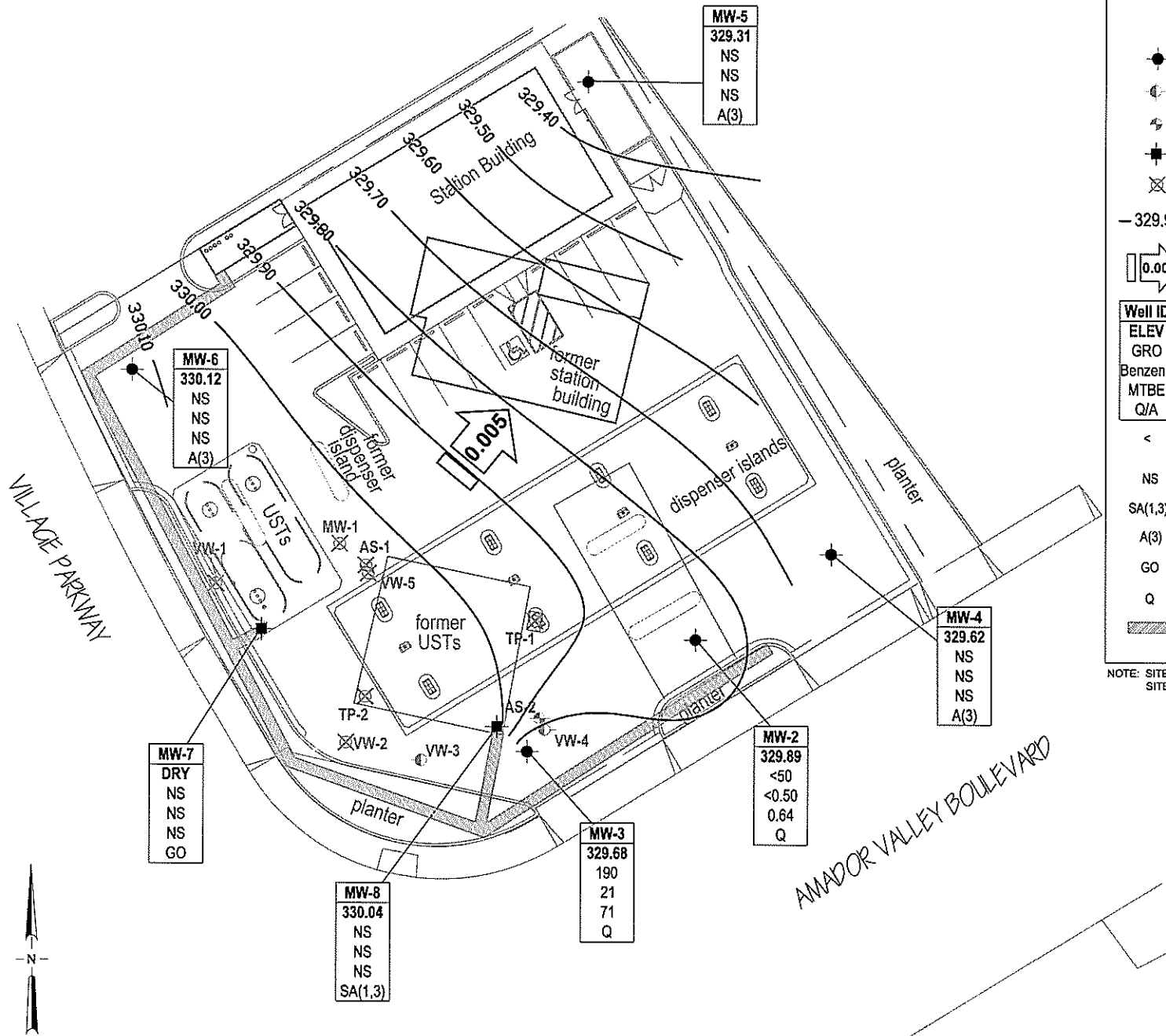
Drawing 1 depicts the ground-water elevation contour and an analytical summary map for Fourth Quarter, 2007. Table 1 includes a summary of ground-water monitoring data including relative water elevations and laboratory analyses. Table 2 provides a summary of fuel additives analytical data. Table 3 presents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

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:

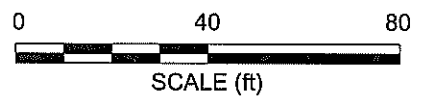
- Drawing 1. Ground-Water Elevation Contour and Analytical Summary Map, Station #6041, Dublin, CA
- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #6041, Dublin, CA
- Table 2. Summary of Fuel Additives Analytical Data, Station #6041, Dublin, 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 Field Data Sheets, Non-Hazardous Waste Data Form, Chain of Custody Documentation, and Certified Analytical Results)
- Appendix B. GeoTracker Upload Confirmation



LEGEND

- Monitoring well
 - Vapor extraction well
 - ⊕ Air sparge well
 - ⊕ Tank pit observation well
 - ⊗ Abandoned well
 - 329.90 Ground-water elevation contour, (feet above MSL)
 - 0.005 Approximate ground-water flow direction and gradient (ft/ft)
- | Well ID | Well designation |
|---------|--|
| ELEV | Ground-water elevation in ft above MSL |
| GRO | GRO, benzene & MTBE concentration in micrograms per liter (µg/L) |
| Benzene | |
| MTBE | |
| Q/A | Sampling frequency |
- < Not detected at or above laboratory reporting limits
 - NS Not sampled
 - SA(1.3) Sampled semi-annually, 1st & 3rd quarters
 - A(3) Sampled annually, 3rd quarter
 - GO Gauged only
 - Q Sampled quarterly
 - ▨ Remediation piping trench

NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



BROADBENT & ASSOCIATES, INC.
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
 1324 Mangrove Ave. Suite 212, Chico, California 95926
 Project No.: 06-02-635 Date: 1/21/08

Station #6041
 7249 Village Parkway
 Dublin, California

Ground-Water Elevation Contour
 and Analytical Summary Map
 December 26, 2007

Drawing
1

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

Station #6041, 7249 Village Parkway, Dublin, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-1															
02/15/1995	--		336.56	14.00	17.50	8.53	328.03	820	15	<1	5.2	1.4	--	--	--
05/24/1995	--		336.56	14.00	17.50	9.00	327.56	640	12	<1	7.3	<1	--	--	--
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	--		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	<1	1.1	<1	3,900	--	--
08/23/1996	--		336.56	14.00	17.50	10.25	326.31	860	<1	<1	<4	2	5,600	--	--
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	--		336.56	14.00	17.50	10.75	325.81	<5,000	<50	<50	<50	<50	7,400	--	--
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	P		336.56	14.00	17.50	10.04	326.52	<20,000	<200	<200	<200	<200	18,000	2.43	--
02/17/1999	--		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		336.56	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	--	i	336.56	14.00	17.50	--	--	3,490	432	9.56	146	235	31,800	--	--
02/09/2001	P		336.56	14.00	17.50	10.65	325.91	2,820	368	<25.0	116	176	23,300	0.58	--
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	--
04/17/2001	--	i	336.56	14.00	17.50	--	--	2,600	70.1	<20.0	32.7	30.6	45,400	--	--
07/17/2001	P		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	--	--	--	--	--	--	--	--	--	--
MW-2															
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	--		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	--	--

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

Station #6041, 7249 Village Parkway, Dublin, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
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	--		334.80	10.50	14.00	8.87	325.93	<5,000	<50	<50	<50	<50	3,100	--	--
11/21/1997	--		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	1,100	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	--		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		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		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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
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		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
6/5/2007	P		337.29	10.50	14.00	7.12	330.17	<50	<0.50	<0.50	<0.50	<0.50	0.94	3.75	7.35
9/25/2007	P		337.29	10.50	14.00	7.77	329.52	<50	<0.50	<0.50	<0.50	<0.50	0.56	3.60	7.07
12/26/2007	P		337.29	10.50	14.00	7.40	329.89	<50	<0.50	<0.50	<0.50	<0.50	0.64	5.68	7.17
MW-3															
02/15/1995	--		335.53	12.00	15.00	8.55	326.98	100	14	<0.5	6.3	<0.5	--	--	--
05/24/1995	--		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	--	--
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	--		335.53	12.00	15.00	9.25	326.28	1,700	85	2.1	61	5.3	11,000	--	--
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	--
02/09/2001	P		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		335.53	12.00	15.00	9.94	325.59	16,400	1,680	<25.0	310	2,290	48,700	0.41	--
07/17/2001	P		335.53	12.00	15.00	9.93	325.60	21,000	1,500	<100	1,100	690	82,000	0.51	--

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

Station #6041, 7249 Village Parkway, Dublin, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-3 Cont.															
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	--
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	--
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	P	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	o	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	o	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	<5.0	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		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
6/5/2007	P	q	338.18	12.00	15.00	8.10	330.08	1,200	330	<5.0	12	12	610	2.94	7.38
9/25/2007	P	q	338.18	12.00	15.00	8.73	329.45	230	<5.0	<5.0	<5.0	<5.0	54	3.91	6.85
12/26/2007	P		338.18	12.00	15.00	8.50	329.68	190	21	<0.50	0.69	<0.50	71	5.94	6.77
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	--	--	--	--	--	--	--	--

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

Station #6041, 7249 Village Parkway, Dublin, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-4 Cont.															
02/26/1996	--		334.22	8.5	14.5	6.65	327.57	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--
05/23/1996	--		334.22	8.5	14.5	6.47	327.75	--	--	--	--	--	--	--	--
08/23/1996	--		334.22	8.5	14.5	7.66	326.56	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
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	--		334.22	8.5	14.5	7.50	326.72	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
08/18/2000	--		334.22	8.5	14.5	7.03	327.19	--	--	--	--	--	--	--	--
12/27/2000	--		334.22	8.5	14.5	8.10	326.12	--	--	--	--	--	--	--	--
02/09/2001	--		334.22	8.5	14.5	7.97	326.25	--	--	--	--	--	--	--	--
04/17/2001	--		334.22	8.5	14.5	8.90	325.32	--	--	--	--	--	--	--	--
07/17/2001	--		334.22	8.5	14.5	8.59	325.63	--	--	--	--	--	--	--	--
12/21/2001	NP		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	--	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	--
03/10/2004	P		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		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	--	--	--	--	--	--	2.2	6.7

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Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
MW-4 Cont.															
09/16/2005	P		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	--		336.87	8.5	14.5	6.45	330.42	--	--	--	--	--	--	--	--
6/23/2006	--		336.87	8.5	14.5	6.42	330.45	--	--	--	--	--	--	--	--
9/19/2006	P		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	--		336.87	8.5	14.5	6.85	330.02	--	--	--	--	--	--	--	--
3/29/2007	--		336.87	8.5	14.5	6.23	330.64	--	--	--	--	--	--	--	--
6/5/2007	--		336.87	8.5	14.5	6.72	330.15	--	--	--	--	--	--	--	--
9/25/2007	P		336.87	8.5	14.5	7.53	329.34	<50	<0.50	<0.50	<0.50	<0.50	3.0	2.71	7.07
12/26/2007	--		336.87	8.5	14.5	7.25	329.62	--	--	--	--	--	--	--	--
MW-5															
02/15/1995	--		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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
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	--		335.87	11.00	17.50	8.98	326.89	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
12/27/2000	--		335.87	11.00	17.50	9.80	326.07	--	--	--	--	--	--	--	--
02/09/2001	--		335.87	11.00	17.50	9.65	326.22	--	--	--	--	--	--	--	--
04/17/2001	--		335.87	11.00	17.50	9.92	325.95	--	--	--	--	--	--	--	--

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Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-5 Cont.															
07/17/2001	--		335.87	11.00	17.50	9.95	325.92	--	--	--	--	--	--	--	--
12/21/2001	--	m	335.87	11.00	17.50	--	--	--	--	--	--	--	--	--	--
03/06/2002	--	m	335.87	11.00	17.50	--	--	--	--	--	--	--	--	--	--
04/26/2002	--	m	335.87	11.00	17.50	--	--	--	--	--	--	--	--	--	--
09/23/2002	--		335.87	11.00	17.50	7.94	327.93	--	--	--	--	--	--	--	--
12/27/2002	--		335.87	11.00	17.50	7.57	328.30	<50	<0.50	<0.50	<0.50	0.76	15	0.7	6.9
03/12/2003	--	g	335.87	11.00	17.50	8.32	327.55	--	--	--	--	--	--	--	--
06/28/2003	--	h	338.59	11.00	17.50	8.58	330.01	--	--	--	--	--	--	--	--
09/30/2003	--		338.59	11.00	17.50	9.28	329.31	--	--	--	--	--	--	--	--
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	--
03/10/2004	--		338.59	11.00	17.50	7.57	331.02	--	--	--	--	--	--	--	--
06/21/2004	--		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		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	--		338.59	11.00	17.50	6.78	331.81	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
03/02/2006	--		338.59	11.00	17.50	8.11	330.48	--	--	--	--	--	--	--	--
6/23/2006	--		338.59	11.00	17.50	8.54	330.05	--	--	--	--	--	--	--	--
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	--		338.59	11.00	17.50	9.00	329.59	--	--	--	--	--	--	--	--
3/29/2007	--		338.59	11.00	17.50	8.53	330.06	--	--	--	--	--	--	--	--
6/5/2007	--		338.59	11.00	17.50	8.42	330.17	--	--	--	--	--	--	--	--
9/25/2007	P		338.59	11.00	17.50	9.80	328.79	<50	<0.50	<0.50	<0.50	<0.50	18	3.88	7.05
12/26/2007	--		338.59	11.00	17.50	9.28	329.31	--	--	--	--	--	--	--	--
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	--		335.84	8.5	12.7	8.35	327.49	--	--	--	--	--	--	--	--

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								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-6 Cont.															
08/25/1995	--		335.84	8.5	12.7	9.71	326.13	--	--	--	--	--	--	--	--
11/28/1995	--		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	--		335.84	8.5	12.7	8.05	327.79	--	--	--	--	--	--	--	--
08/23/1996	--		335.84	8.5	12.7	9.58	326.26	--	--	--	--	--	--	--	--
03/21/1997	--		335.84	8.5	12.7	8.39	327.45	--	--	--	--	--	--	--	--
08/20/1997	--		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	--	--	--	--	--	--	--	--
08/24/1999	--		335.84	8.5	12.7	9.65	326.19	--	--	--	--	--	--	--	--
03/01/2000	--		335.84	8.5	12.7	7.35	328.49	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
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	P		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	--	--	--	--	--	--	--	--
03/10/2004	--		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	--	--	--	--	--	--	--	--

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

Station #6041, 7249 Village Parkway, Dublin, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-6 Cont.															
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	P		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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
6/5/2007	--		338.37	8.5	12.7	8.18	330.19	--	--	--	--	--	--	--	--
9/25/2007	NP		338.37	8.5	12.7	8.86	329.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.87	6.84
12/26/2007	--		338.37	8.5	12.7	8.25	330.12	--	--	--	--	--	--	--	--
MW-7															
12/21/2001	--	j	--	--	8.0	--	--	--	--	--	--	--	--	--	--
03/06/2002	--	j	--	--	8.0	--	--	--	--	--	--	--	--	--	--
04/26/2002	--	j	--	--	8.0	--	--	--	--	--	--	--	--	--	--
09/23/2002	--	j	--	--	8.0	--	--	--	--	--	--	--	--	--	--
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	--	--	8.0	--	--	--	--	--	--	--	--	--	--
06/28/2003	--	h, j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
09/30/2003	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
12/05/2003	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
03/10/2004	--		338.62	--	8.0	7.78	330.84	--	--	--	--	--	--	--	--
06/21/2004	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
09/17/2004	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
12/13/2004	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
03/03/2005	--		338.62	--	8.0	6.81	331.81	--	--	--	--	--	--	--	--
06/23/2005	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
09/16/2005	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
12/27/2005	--		338.62	--	8.0	7.90	330.72	--	--	--	--	--	--	--	--

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-7 Cont.															
03/02/2006	--		338.62	--	8.0	7.39	331.23	--	--	--	--	--	--	--	--
6/23/2006	--		338.62	--	8.0	7.90	330.72	--	--	--	--	--	--	--	--
9/19/2006	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
12/19/2006	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
3/29/2007	--	j	338.62	--	8.0	7.95	330.67	--	--	--	--	--	--	--	--
6/5/2007	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
9/25/2007	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
12/26/2007	--	j	338.62	--	8.0	--	--	--	--	--	--	--	--	--	--
MW-8															
12/21/2001	NP		--	--	12.6	8.70	--	<5,000	67	<50	<50	<50	2,400/1,300	0.60	--
03/06/2002	--	i	--	--	12.6	--	--	170	37	0.67	0.7	1.9	740	--	--
03/06/2002	P		--	--	12.6	8.63	--	210	41	0.64	0.79	2.0	940	0.25	--
04/26/2002	P		--	--	12.6	8.15	--	680	95	<1.0	14	2.5	490	0.31	--
04/26/2002	--	i	--	--	12.6	--	--	480	74	3.5	11	<1.0	640	--	--
09/30/2002	P	c	--	--	12.6	9.37	--	1,100	120	<5.0	57	8.7	1,100	1.3	6.9
12/27/2002	P	b	--	--	12.6	7.55	--	350	13	<0.50	2.4	2.2	73	0.8	6.9
03/12/2003	P	g	--	--	12.6	8.25	--	<2,500	89	<25	<25	<25	740	1.4	6.9
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		338.27	--	12.6	8.37	329.90	590	60	<2.5	15	4.2	150	1.5	7.1
03/10/2004	P		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	338.27	--	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	--	12.6	7.60	330.67	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

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

Station #6041, 7249 Village Parkway, Dublin, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-8 Cont.															
9/19/2006	P		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	--	12.6	7.89	330.38	--	--	--	--	--	--	--	--
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
6/5/2007	--		338.27	--	12.6	8.10	330.17	--	--	--	--	--	--	--	--
9/25/2007	P		338.27	--	12.6	8.82	329.45	400	2.2	<0.50	<0.50	<0.50	3.5	2.84	6.77
12/26/2007	--		338.27	--	12.6	8.23	330.04	--	--	--	--	--	--	--	--
Shell MW-7															
12/27/2000	P		--	--	--	6.45	--	<50.0	<0.500	0.696	<0.500	0.795	<2.50	1.33	--
02/09/2001	P		--	--	--	6.39	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.13	--
04/17/2001	P		--	--	--	7.22	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.12	--
07/17/2001	P		--	--	--	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		--	--	--	7.15	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.95	--
09/27/2002	--	k	--	--	--	--	--	--	--	--	--	--	--	--	--
Shell MW-6															
12/27/2000	P		--	--	--	9.13	--	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	--	--
02/09/2001	P		--	--	--	9.05	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.29	--
04/17/2001	P		--	--	--	10.17	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	0.95	--
07/17/2001	P	i	--	--	--	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		--	--	--	9.47	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.97	--
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	--	--
08/20/1997	--		--	4.0	9.5	9.16	--	--	--	--	--	--	--	--	--
11/21/1997	--		--	4.0	9.5	8.27	--	<200	3	<2	<2	<2	180	--	--

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
VW-2 Cont.															
02/12/1998	--		--	4.0	9.5	6.65	--	200	19	<0.5	0.6	<0.5	2,200	--	--
07/31/1998	--		--	4.0	9.5	7.01	--	--	--	--	--	--	--	--	--
02/17/1999	--		--	4.0	9.5	8.47	--	--	--	--	--	--	--	--	--
08/24/1999	--		--	4.0	9.5	8.20	--	--	--	--	--	--	--	--	--
03/01/2000	--		--	4.0	9.5	8.72	--	--	--	--	--	--	--	--	--
08/18/2000	NP		--	4.0	9.5	8.40	--	<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	--	j	--	4.0	9.5	8.87	--	--	--	--	--	--	--	--	--
04/17/2001	--	j	--	4.0	9.5	9.00	--	--	--	--	--	--	--	--	--
07/17/2001	--	j	--	4.0	9.5	8.97	--	--	--	--	--	--	--	--	--
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.
j = 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.
q = 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 Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
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	
06/23/2005	<100	1,900	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	b
09/16/2005	<200	3,600	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	
12/27/2005	<500	3,800	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	c
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
3/29/2007	<300	1,300	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	d (TBA)
6/5/2007	<300	1,400	0.94	<0.50	<0.50	<0.50	<0.50	<0.50	d (TBA)
9/25/2007	<300	930	0.56	<0.50	<0.50	<0.50	<0.50	<0.50	c, d (TBA)
12/26/2007	<300	380	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	
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	

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-3 Cont.									
03/03/2005	<500	940	130	<2.5	<2.5	<2.5	<2.5	<2.5	
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	
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	
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	
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	
6/5/2007	<3,000	8,800	610	<5.0	<5.0	<5.0	<5.0	<5.0	
9/25/2007	<3,000	7,600	54	<5.0	<5.0	<5.0	<5.0	<5.0	c
12/26/2007	<300	1,800	71	<0.50	<0.50	<0.50	<0.50	<0.50	
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	
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	
9/25/2007	<300	<20	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	c
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	--	--	--	--	--	--	--	--	Well inaccessible

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-5 Cont.									
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	
9/25/2007	<300	<20	18	<0.50	<0.50	<0.50	<0.50	<0.50	c
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	
06/28/2003	<100	<20	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	
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	
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	
9/25/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	c
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	
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	
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	
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	

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-8 Cont.									
3/29/2007	<300	400	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	
9/25/2007	<300	3,800	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	c

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	0.002
12/27/2000	West-Southwest	0.003
2/9/2001	West-Southwest	0.003
4/17/2001	South-Southwest	0.015
7/17/2001	South-Southwest	0.003
12/21/2001	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	0.008
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	Northeast	0.005
12/27/2005	East-Northeast	0.007
3/2/2006	Northeast	0.005
6/23/2006	Northeast	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
6/5/2007	South-Southeast	0.002
9/25/2007	North-Northeast	0.005
12/26/2007	Northeast	0.005

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 FIELD DATA SHEETS, NON-HAZARDOUS WASTE DATA FORM,
CHAIN OF CUSTODY DOCUMENTATION, AND CERTIFIED ANALYTICAL
RESULTS)



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

January 15, 2008

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

General Information

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

Phone Number: (530) 676-6000

On-Site Supplier Representative: Jerry Gonzales

Sampling Date: December 26, 2007

Arrival: 10:50 *Departure:* 12:15

Weather Conditions: Clear

Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

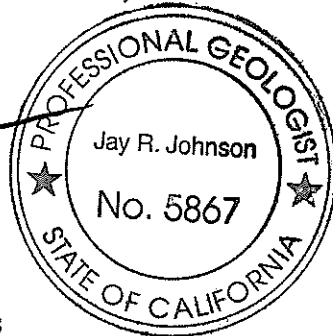
Variations from Work Scope: Well MW-7 was dry.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include field data sheets, non-hazardous waste data form, 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, P.G.
Project Manager



Attachments:

- Field Data Sheets
- Non-Hazardous Waste Data Form
- Chain of Custody Documentation
- Certified Analytical Results

CC: Mr. Paul Supple, BP/ARCO

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 6041 PURGED BY: JG WELL I.D.: MW-2
 CLIENT NAME: _____ SAMPLED BY: JG SAMPLE I.D.: MW-2
 LOCATION: Dublin - 7249 Village Parkway QA SAMPLES: _____

DATE PURGED 12-26-07 START (2400hr) 11:58 END (2400hr) 12:01
 DATE SAMPLED 12-26-07 SAMPLE TIME (2400hr) 12:07
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ()

DEPTH TO BOTTOM (feet) = 9.38 CASING VOLUME (gal) = 1.3
 DEPTH TO WATER (feet) = 7.40 CALCULATED PURGE (gal) = 3.9
 WATER COLUMN HEIGHT (feet) = 1.9 ACTUAL PURGE (gal) = 4.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
<u>12-26-07</u>	<u>11:58</u>	<u>1.3</u>	<u>20.3</u>	<u>20.92</u>	<u>7.17</u>	<u>clear</u>	
<u>1</u>	<u>12:00</u>	<u>2.7</u>	<u>21.7</u>	<u>22.57</u>		<u>/</u>	
	<u>12:01</u>	<u>4.0</u>		<u>22.84</u>			

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 7.45 SAMPLE TURBIDITY: clear

80% RECHARGE: YES NO ANALYSES: SW-0
 ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 3 Vol. HCC

PURGING EQUIPMENT

Bladder Pump Bailer (Teflon)
 Centrifugal Pump Bailer (PVC)
 Submersible Pump Bailer (Stainless Steel)
 Peristaltic Pump Dedicated _____

Other: _____
 Pump Depth: 9.20

SAMPLING EQUIPMENT

Bladder Pump Bailer (Teflon)
 Centrifugal Pump Bailer (PVC or disposable)
 Submersible Pump Bailer (Stainless Steel)
 Peristaltic Pump Dedicated _____

Other: _____

WELL INTEGRITY: good LOCK#: MATZ

REMARKS: DO. 5.68

SIGNATURE: [Signature] Page _____ of _____

BP ALAMEDA PORTFOLIO
WATER SAMPLE FIELD DATA SHEET

PROJECT #: 6041 PURGED BY: JG WELL I.D.: NEW-3
 CLIENT NAME: _____ SAMPLED BY: J SAMPLE I.D.: NEW-3
 LOCATION: Dublin - 7249 Village Parkway QA SAMPLES: _____

DATE PURGED 12-26-07 START (2400hr) 11:35 END (2400hr) 11:38
 DATE SAMPLED 12-26-07 SAMPLE TIME (2400hr) 11:50
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ()

DEPTH TO BOTTOM (feet) = 13.82 CASING VOLUME (gal) = 3.5
 DEPTH TO WATER (feet) = 8.50 CALCULATED PURGE (gal) = 10.6
 WATER COLUMN HEIGHT (feet) = 5.3 ACTUAL PURGE (gal) = 11.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
<u>12-26-07</u>	<u>11:36</u>	<u>3.6</u>	<u>18.9</u>	<u>247.4</u>	<u>694</u>	<u>clear</u>	
<u>/</u>	<u>11:07</u>	<u>7.2</u>	<u>20.6</u>	<u>234.5</u>	<u>681</u>	<u>1</u>	
<u>/</u>	<u>11:38</u>	<u>11.0</u>	<u>20.6</u>	<u>228.4</u>	<u>677</u>	<u>1</u>	<u>Dry</u>

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 9.43 SAMPLE TURBIDITY: clear

80% RECHARGE: YES NO ANALYSES: SUD
 ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 6.4/02-HCL

PURGING EQUIPMENT

Bladder Pump Bailor (Teflon)
 Centrifugal Pump Bailor (PVC)
 Submersible Pump Bailor (Stainless Steel)
 Peristaltic Pump Dedicated _____
 Other: _____
 Pump Depth: 13

SAMPLING EQUIPMENT

Bladder Pump Bailor (Teflon)
 Centrifugal Pump Bailor (PVC or disposable)
 Submersible Pump Bailor (Stainless Steel)
 Peristaltic Pump Dedicated _____
 Other: _____

WELL INTEGRITY: good LOCK#: Master

REMARKS: DO 5.94

SIGNATURE: _____ Page ____ of ____

NO. 665071

NON-HAZARDOUS WASTE DATA FORM

SITE

EPA I.D. NO.

NOT REQUIRED

NAME BP WEST COAST PRODUCTS LLC ARCO # 6641

ADDRESS P.O. BOX 80249
RANCHO SANTA MARGARITA
CA 92688

CITY, STATE, ZIP _____

PROFILE NO.

PHONE NO. () _____

CONTAINERS: No. _____ VOLUME 15 GALS WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

NON-HAZARDOUS WATER			WELL PURGING/DECOM WATER		
WASTE DESCRIPTION COMPONENTS OF WASTE		PPM	GENERATING PROCESS COMPONENTS OF WASTE		PPM
1.	WATER	99-100%	5.		
2.	TFH	<1%	6.		
3.			7.	BEST#	
4.			8.		

PROPERTIES: PH 7-10 SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PROTECTIVE CLOTHING

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart BEST for BP

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

TO BE COMPLETED BY GENERATOR

TRANSPORTER

NAME STRATUS ENVIRONMENTAL

ADDRESS 3330 CAMERON PARK DR
CAMERON PARK, CA 95682

CITY, STATE, ZIP _____

PHONE NO. 530-676-2031

TRUCK, UNIT, I.D. NO. _____

EPA I.D. NO.

SERVICE ORDER NO. _____

PICK UP DATE _____

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

TSD FACILITY

NAME SEAPORT REFINING & ENVIRONMENTAL, LLC

ADDRESS 700 SEAPORT BLVD.
REDWOOD CITY, CA 94063

CITY, STATE, ZIP _____

PHONE NO. 650-364-1034

EPA I.D. NO.

DISPOSAL METHOD

LANDFILL OTHER _____

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
CIO		RFID	H/DF	NONE

DISCREPANCY



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): _____

On-site Time: <u>1050</u>	Temp: <u>58</u>
Off-site Time: <u>12:15</u>	Temp: <u>63</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>NONE</u>	
Wind Speed: <u>0</u>	Direction: _____

Lab Name: <u>TestAmerica</u>	BP/AR Facility No.: <u>6041</u>	Consultant/Contractor: <u>Stratus Environmental, Inc.</u>
Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>7249 Village Parkway, Dublin</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
<u>Morgan Hill, CA 95937</u>	Site Lat/Long: _____	<u>Cameron Park, CA 95682</u>
Lab PM: <u>Lisa Race</u>	California Global ID No.: <u>T0600100109</u>	Consultant/Contractor Project No.: _____
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G0C1W-0016</u>	Consultant/Contractor P.M.E.: <u>Jay Johnson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or OOC (circle one) <u>Provision</u>	Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>
Address: <u>2010 Crow Canyon Place, Suite 150</u>	Phase/WBS: <u>04-Monitoring</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>shaves@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments		
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	CROBTECOxy*	1,2-DCA	Ethanol	EDB	DRO			
1	MW-2	12:07	12-26-07	X				3			X				X	X	X	X			
2	MW-3	11:50	12-26-07	X				6			X				X	X	X	X			
3	TB 6041 -	600	12-26-07	X				3			X				X	X	X	X			HOLD
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Sampler's Name: <u>Jerry Gonzalez</u>	Relinquished By / Affiliation: _____	Date: <u>12/26/07</u>	Time: <u>1510</u>	Accepted By / Affiliation: _____	Date: <u>12/27</u>	Time: <u>1510</u>
Sampler's Company: <u>Danlos ENV</u>	Shipment Date: _____	Shipment Method: _____	Shipment Tracking No: _____			

Special Instructions: Please cc results to rmiller@broadbentinc.com

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

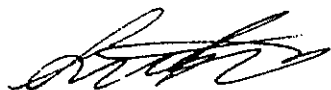
14 January, 2008

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

RE: ARCO #6041, Dublin, CA
Work Order: MQL0773

Enclosed are the results of analyses for samples received by the laboratory on 12/27/07 21:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Race
Senior Project Manager

CA ELAP Certificate # 2682

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: G0CIW-0016
Project Manager: Jay Johnson

MQL0773
Reported:
01/14/08 15:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MQL0773-01	Water	12/26/07 12:07	12/27/07 21:30
MW-3	MQL0773-02	Water	12/26/07 11:50	12/27/07 21:30
TB 6041 -	MQL0773-03	Water	12/26/07 06:00	12/27/07 21:30

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

MQL0773
Reported:
01/14/08 15:31

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MQL0773-01) Water Sampled: 12/26/07 12:07 Received: 12/27/07 21:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8A02002	01/02/08	01/02/08	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		96 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		103 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		98 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95 %	55-130		"	"	"	"	
MW-3 (MQL0773-02) Water Sampled: 12/26/07 11:50 Received: 12/27/07 21:30									
Gasoline Range Organics (C4-C12)	190	50	ug/l	1	8A03006	01/03/08	01/03/08	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		114 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		101 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	55-130		"	"	"	"	

Stratus Environmental Inc. [Arco]
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Cameron Park CA, 95682

Project: ARCO #6041, Dublin, CA
Project Number: G0CIW-0016
Project Manager: Jay Johnson

MLQ0773
Reported:
01/14/08 15:31

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MLQ0773-01) Water Sampled: 12/26/07 12:07 Received: 12/27/07 21:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	8A02002	01/02/08	01/02/08	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	380	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.64	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		103 %	75-130	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96 %	60-150	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %	75-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95 %	55-130	"	"	"	"	"	
MW-3 (MLQ0773-02) Water Sampled: 12/26/07 11:50 Received: 12/27/07 21:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	8A03006	01/03/08	01/03/08	EPA 8260B	
Benzene	21	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	1800	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	0.69	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	71	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		104 %	75-130	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	60-150	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	75-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	55-130	"	"	"	"	"	

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Project Manager: Jay Johnson

MQL0773
Reported:
01/14/08 15:31

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8A02002 - EPA 5030B P/T / LUFT GCMS										
Blank (8A02002-BLK1) Prepared & Analyzed: 01/02/08										
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.28		"	2.50		91	60-150			
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-130			
Surrogate: Toluene-d8	2.46		"	2.50		98	75-120			
Surrogate: 4-Bromofluorobenzene	2.29		"	2.50		92	55-130			
Laboratory Control Sample (8A02002-BS2) Prepared & Analyzed: 01/02/08										
Gasoline Range Organics (C4-C12)	430	50	ug/l	500		86	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.29		"	2.50		92	60-150			
Surrogate: Dibromofluoromethane	2.51		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.53		"	2.50		101	75-120			
Surrogate: 4-Bromofluorobenzene	2.48		"	2.50		99	55-130			
Laboratory Control Sample Dup (8A02002-BSD2) Prepared & Analyzed: 01/02/08										
Gasoline Range Organics (C4-C12)	427	50	ug/l	500		85	55-130	0.7	20	
Surrogate: 1,2-Dichloroethane-d4	2.26		"	2.50		90	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.49		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	55-130			
Matrix Spike (8A02002-MS1) Source: MQL0769-02 Prepared & Analyzed: 01/02/08										
Gasoline Range Organics (C4-C12)	554	50	ug/l	550	37.1	94	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.36		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.61		"	2.50		104	75-130			
Surrogate: Toluene-d8	2.49		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.41		"	2.50		96	55-130			
Matrix Spike Dup (8A02002-MSD1) Source: MQL0769-02 Prepared & Analyzed: 01/02/08										
Gasoline Range Organics (C4-C12)	533	50	ug/l	550	37.1	90	25-150	4	20	
Surrogate: 1,2-Dichloroethane-d4	2.24		"	2.50		90	60-150			
Surrogate: Dibromofluoromethane	2.57		"	2.50		103	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.40		"	2.50		96	55-130			

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Project: ARCO #6041, Dublin, CA
Project Number: G0C1W-0016
Project Manager: Jay Johnson

MQL0773
Reported:
01/14/08 15:31

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A03006 - EPA 5030B P/T / LUFT GCMS

Blank (8A03006-BLK1) Prepared & Analyzed: 01/03/08

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.70		"	2.50		108	60-150			
Surrogate: Dibromofluoromethane	2.60		"	2.50		104	75-130			
Surrogate: Toluene-d8	2.48		"	2.50		99	75-120			
Surrogate: 4-Bromofluorobenzene	2.51		"	2.50		100	55-130			

Laboratory Control Sample (8A03006-BS2) Prepared & Analyzed: 01/03/08

Gasoline Range Organics (C4-C12)	503	50	ug/l	500		101	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.70		"	2.50		108	60-150			
Surrogate: Dibromofluoromethane	2.56		"	2.50		102	75-130			
Surrogate: Toluene-d8	2.55		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.70		"	2.50		108	55-130			

Laboratory Control Sample Dup (8A03006-BSD2) Prepared & Analyzed: 01/03/08

Gasoline Range Organics (C4-C12)	505	50	ug/l	500		101	55-130	0.5	20	
Surrogate: 1,2-Dichloroethane-d4	2.68		"	2.50		107	60-150			
Surrogate: Dibromofluoromethane	2.53		"	2.50		101	75-130			
Surrogate: Toluene-d8	2.58		"	2.50		103	75-120			
Surrogate: 4-Bromofluorobenzene	2.74		"	2.50		110	55-130			

Matrix Spike (8A03006-MS1) Source: MRA0054-04 Prepared & Analyzed: 01/03/08

Gasoline Range Organics (C4-C12)	623	50	ug/l	550	ND	113	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.66		"	2.50		106	60-150			
Surrogate: Dibromofluoromethane	2.66		"	2.50		106	75-130			
Surrogate: Toluene-d8	2.60		"	2.50		104	75-120			
Surrogate: 4-Bromofluorobenzene	2.71		"	2.50		108	55-130			

Matrix Spike Dup (8A03006-MSD1) Source: MRA0054-04 Prepared & Analyzed: 01/03/08

Gasoline Range Organics (C4-C12)	583	50	ug/l	550	ND	106	25-150	7	20	
Surrogate: 1,2-Dichloroethane-d4	2.67		"	2.50		107	60-150			
Surrogate: Dibromofluoromethane	2.71		"	2.50		108	75-130			
Surrogate: Toluene-d8	2.60		"	2.50		104	75-120			
Surrogate: 4-Bromofluorobenzene	2.67		"	2.50		107	55-130			

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Project: ARCO #6041, Dublin, CA
Project Number: G0C1W-0016
Project Manager: Jay Johnson

MQL0773
Reported:
01/14/08 15:31

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A02002 - EPA 5030B P/T / EPA 8260B

Blank (8A02002-BLK1)

Prepared & Analyzed: 01/02/08

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.28		"	2.50		91	60-150			
<i>Surrogate: Toluene-d8</i>	2.46		"	2.50		98	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.29		"	2.50		92	55-130			

Laboratory Control Sample (8A02002-BS1)

Prepared & Analyzed: 01/02/08

tert-Amyl methyl ether	9.95	0.50	ug/l	10.0		100	75-125			
Benzene	9.75	0.50	"	10.0		98	75-120			
tert-Butyl alcohol	197	20	"	200		98	80-120			
Di-isopropyl ether	9.52	0.50	"	10.0		95	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	"	10.0		104	75-130			
1,2-Dichloroethane	8.79	0.50	"	10.0		88	65-130			
Ethanol	170	300	"	200		85	50-150			
Ethyl tert-butyl ether	9.78	0.50	"	10.0		98	75-130			
Ethylbenzene	9.75	0.50	"	10.0		98	80-125			
Methyl tert-butyl ether	9.62	0.50	"	10.0		96	80-130			
Toluene	10.3	0.50	"	10.0		103	80-120			
Xylenes (total)	30.7	0.50	"	30.0		102	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.55		"	2.50		102	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.24		"	2.50		90	60-150			
<i>Surrogate: Toluene-d8</i>	2.50		"	2.50		100	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.38		"	2.50		95	55-130			

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3330 Cameron Park Dr., Suite 550
Cameron Park CA, 95682

Project: ARCO #6041, Dublin, CA
Project Number: G0CIW-0016
Project Manager: Jay Johnson

MQL0773
Reported:
01/14/08 15:31

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A02002 - EPA 5030B P/T / EPA 8260B

Matrix Spike (8A02002-MS1)	Source: MQL0769-02			Prepared & Analyzed: 01/02/08						
tert-Amyl methyl ether	10.6	0.50	ug/l	10.0	ND	106	75-140			
Benzene	9.81	0.50	"	10.0	ND	98	80-120			
tert-Butyl alcohol	202	20	"	200	4.47	99	80-125			
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135			
1,2-Dibromoethane (EDB)	11.1	0.50	"	10.0	ND	111	80-135			
1,2-Dichloroethane	10.2	0.50	"	10.0	1.07	91	65-145			
Ethanol	173	300	"	200	ND	86	50-150			
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	80-135			
Ethylbenzene	9.68	0.50	"	10.0	ND	97	75-130			
Methyl tert-butyl ether	10.0	0.50	"	10.0	ND	100	75-145			
Toluene	10.3	0.50	"	10.0	ND	103	80-125			
Xylenes (total)	30.7	0.50	"	30.0	ND	102	75-125			
<i>Surrogate: Dibromofluoromethane</i>	2.61		"	2.50		104	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.36		"	2.50		94	60-150			
<i>Surrogate: Toluene-d8</i>	2.49		"	2.50		100	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.41		"	2.50		96	55-130			

Matrix Spike Dup (8A02002-MSD1)	Source: MQL0769-02			Prepared & Analyzed: 01/02/08						
tert-Amyl methyl ether	10.5	0.50	ug/l	10.0	ND	105	75-140	0.9	25	
Benzene	10.1	0.50	"	10.0	ND	101	80-120	3	20	
tert-Butyl alcohol	205	20	"	200	4.47	100	80-125	2	25	
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135	0.4	25	
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0	ND	106	80-135	5	30	
1,2-Dichloroethane	10.2	0.50	"	10.0	1.07	91	65-145	0	25	
Ethanol	195	300	"	200	ND	97	50-150	12	25	
Ethyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	80-135	1	25	
Ethylbenzene	9.90	0.50	"	10.0	ND	99	75-130	2	20	
Methyl tert-butyl ether	9.70	0.50	"	10.0	ND	97	75-145	3	25	
Toluene	10.5	0.50	"	10.0	ND	105	80-125	2	25	
Xylenes (total)	30.4	0.50	"	30.0	ND	101	75-125	1	20	
<i>Surrogate: Dibromofluoromethane</i>	2.57		"	2.50		103	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.24		"	2.50		90	60-150			
<i>Surrogate: Toluene-d8</i>	2.50		"	2.50		100	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.40		"	2.50		96	55-130			

TestAmerica Morgan Hill

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

Project: ARCO #6041, Dublin, CA
Project Number: G0CIW-0016
Project Manager: Jay Johnson

MQL0773
Reported:
01/14/08 15:31

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A03006 - EPA 5030B P/T / EPA 8260B

Blank (8A03006-BLK1)

Prepared & Analyzed: 01/03/08

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	2.60		"	2.50		104	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.70		"	2.50		108	60-150			
<i>Surrogate: Toluene-d8</i>	2.48		"	2.50		99	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.51		"	2.50		100	55-130			

Laboratory Control Sample (8A03006-BS1)

Prepared & Analyzed: 01/03/08

tert-Amyl methyl ether	11.6	0.50	ug/l	10.0		116	75-125			
Benzene	10.7	0.50	"	10.0		107	75-120			
tert-Butyl alcohol	216	20	"	200		108	80-120			
Di-isopropyl ether	11.7	0.50	"	10.0		117	70-130			
1,2-Dibromoethane (EDB)	12.0	0.50	"	10.0		120	75-130			
1,2-Dichloroethane	11.0	0.50	"	10.0		110	65-130			
Ethanol	157	300	"	200		79	50-150			
Ethyl tert-butyl ether	11.6	0.50	"	10.0		116	75-130			
Ethylbenzene	11.8	0.50	"	10.0		118	80-125			
Methyl tert-butyl ether	11.2	0.50	"	10.0		112	80-130			
Toluene	11.3	0.50	"	10.0		113	80-120			
Xylenes (total)	36.0	0.50	"	30.0		120	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.60		"	2.50		104	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.57		"	2.50		103	60-150			
<i>Surrogate: Toluene-d8</i>	2.61		"	2.50		104	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.69		"	2.50		108	55-130			

TestAmerica Morgan Hill

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Project: ARCO #6041, Dublin, CA
Project Number: G0C1W-0016
Project Manager: Jay Johnson

MQL0773
Reported:
01/14/08 15:31

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A03006 - EPA 5030B P/T / EPA 8260B

Matrix Spike (8A03006-MS1)	Source: MRA0054-04			Prepared & Analyzed: 01/03/08						
tert-Amyl methyl ether	11.9	0.50	ug/l	10.0	ND	119	75-140			
Benzene	10.8	0.50	"	10.0	ND	108	80-120			
tert-Butyl alcohol	226	20	"	200	9.13	108	80-125			
Di-isopropyl ether	11.9	0.50	"	10.0	ND	119	75-135			
1,2-Dibromoethane (EDB)	11.9	0.50	"	10.0	ND	119	80-135			
1,2-Dichloroethane	11.3	0.50	"	10.0	ND	113	65-145			
Ethanol	188	300	"	200	ND	94	50-150			
Ethyl tert-butyl ether	12.1	0.50	"	10.0	ND	121	80-135			
Ethylbenzene	12.0	0.50	"	10.0	ND	120	75-130			
Methyl tert-butyl ether	11.6	0.50	"	10.0	ND	116	75-145			
Toluene	11.4	0.50	"	10.0	ND	114	80-125			
Xylenes (total)	37.0	0.50	"	30.0	ND	123	75-125			
<i>Surrogate: Dibromofluoromethane</i>	2.66		"	2.50		106	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.66		"	2.50		106	60-150			
<i>Surrogate: Toluene-d8</i>	2.60		"	2.50		104	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.71		"	2.50		108	55-130			

Matrix Spike Dup (8A03006-MSD1)	Source: MRA0054-04			Prepared & Analyzed: 01/03/08						
tert-Amyl methyl ether	11.0	0.50	ug/l	10.0	ND	110	75-140	8	25	
Benzene	10.2	0.50	"	10.0	ND	102	80-120	6	20	
tert-Butyl alcohol	204	20	"	200	9.13	98	80-125	10	25	
Di-isopropyl ether	11.2	0.50	"	10.0	ND	112	75-135	6	25	
1,2-Dibromoethane (EDB)	11.4	0.50	"	10.0	ND	114	80-135	4	30	
1,2-Dichloroethane	10.6	0.50	"	10.0	ND	106	65-145	7	25	
Ethanol	180	300	"	200	ND	90	50-150	4	25	
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	80-135	7	25	
Ethylbenzene	11.1	0.50	"	10.0	ND	111	75-130	8	20	
Methyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	75-145	7	25	
Toluene	10.8	0.50	"	10.0	ND	108	80-125	6	25	
Xylenes (total)	34.3	0.50	"	30.0	ND	114	75-125	7	20	
<i>Surrogate: Dibromofluoromethane</i>	2.71		"	2.50		108	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.67		"	2.50		107	60-150			
<i>Surrogate: Toluene-d8</i>	2.60		"	2.50		104	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.67		"	2.50		107	55-130			

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

ML0773
Reported:
01/14/08 15:31

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



bp
A BP affiliated company

Chain of Custody Record

Project Name: ARCO 6041 MOL0773
 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: <u>1050</u>	Temp: <u>58</u>
Off-site Time: <u>12:15</u>	Temp: <u>63</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>NONE</u>	
Wind Speed: <u>0</u>	Direction: _____

Lab Name: <u>TestAmerica</u>	BP/AR Facility No.: <u>6041</u>	Consultant/Contractor: <u>Stratus Environmental, Inc.</u>
Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>7249 Village Parkway, Dublin</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
<u>Morgan Hill, CA 95937</u>	Site Lat/Long:	<u>Cameron Park, CA 95682</u>
Lab PM: <u>Lisa Race</u>	California Global ID No.: <u>T0600100109</u>	Consultant/Contractor Project No.:
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G0C1W-0016</u>	Consultant/Contractor PM: <u>Jay Johnson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or OOC (circle one) <u>Provision</u>	Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>
Address: <u>2010 Crow Canyon Place, Suite 150</u>	Phase/WBS: <u>04-Monitoring</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>shaves@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments		
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO/BTEX/Oxy*	1,2-DCA	Ethanol	EDB	DRO			
1	MW-2	<u>12:07</u>	<u>12/26/07</u>	X				3						X	X	X	X				
2	MW-3	<u>11:50</u>	<u>12/26/07</u>	X				6						X	X	X	X				
3	IB 6041 -	<u>600</u>	<u>12/26/07</u>	X				3						X	X	X	X				HOLD
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Sampler's Name: <u>Jerry Gonzales</u>	Relinquished By / Affiliation: _____	Date: <u>12/26/07</u>	Time: <u>1510</u>	Accepted By / Affiliation: _____	Date: <u>12/27</u>	Time: <u>1510</u>
Sampler's Company: <u>Douglas ENV</u>	_____	<u>12/28</u>	<u>1750</u>	_____	<u>12/27</u>	<u>1750</u>
Shipment Date: _____	_____	<u>12/27</u>	<u>2130</u>	_____	<u>12/27</u>	<u>2130</u>
Shipment Method: _____	_____			_____		
Shipment Tracking No: _____	_____			_____		

Special Instructions: Please cc results to rmiller@broadbentinc.com

Custody Seals In Place: Yes/ No | Temp Blank: Yes/No | Cooler Temp on Receipt: 3.3°F/C | Trip Blank: Yes/No | MS/MSD Sample Submitted: Yes/No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: APL
 REC: BY (PRINT) DJ
 WORKORDER: MOLO773

DATE REC'D AT LAB: 12/27/07
 TIME REC'D AT LAB: 2:30
 DATE LOGGED IN: 12/28/07

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESER VATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <input checked="" type="radio"/> Absent Intact / Broken*								/
2. Chain-of-Custody Present / <input checked="" type="radio"/> Absent*								
3. Traffic Reports or Packing List: Present / <input checked="" type="radio"/> Absent								
4. Airbill: Airbill / Sticker Present / <input checked="" type="radio"/> Absent								
5. Airbill #:								
6. Sample Labels: <input checked="" type="radio"/> Present / Absent								
7. Sample IDs: <input checked="" type="radio"/> Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: <input checked="" type="radio"/> Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / No*								
10. Sample received within hold time? <input checked="" type="radio"/> Yes / No*								
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / No*								
12. Proper preservatives used? <input checked="" type="radio"/> Yes / No*								
13. Trip <input checked="" type="radio"/> Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="radio"/> Yes / No*								
14. Read Temp: <u>4.3</u> Correction Factor: <u>-1.0</u> Corrected Temp: <u>3.3</u> Is corrected temp. 0-6°C? <input checked="" type="radio"/> Yes / No**								

12/27/07
DJK

**Exception (if any): Metals / Perchlorate
 DFF on Ice or Problem COC

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

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: 9320807814
Date/Time of Submittal: 1/25/2008 4:51:17 PM
Facility Global ID: T0600100109
Facility Name: ARCO #6041
Submittal Title: 4Q07 GW Monitoring
Submittal Type: GW Monitoring Report

Click [here](#) 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)
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<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
9320807814	4Q07 GW Monitoring	Q4 2007
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	1/25/2008	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% 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>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	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!

Submittal Title: 4Q07 GEO_WELL 6041
Facility Global ID: T0600100109
Facility Name: ARCO #6041
Submittal Date/Time: 1/23/2008 2:23:11 PM
Confirmation Number: 2030430674

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Logged in as BROADBENT-C
(CONTRACTOR)

[CONTACT SITE ADMINISTRATOR.](#)