Atlantic Richfield Company
(a BP affiliated company)

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

27 July 2007

Re: Second Quarter 2007 Ground-Water Monitoring Report
Atlantic Richfield Company (a BP affiliated company) Station #276
10600 MacArthur Boulevard
Oakland, California
ACEH Case #RO0002565

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

Submitted by:

Paul Supple
Environmental Business Manager

Second Quarter 2007 Ground-Water Monitoring Report
Atlantic Richfield Company Station #276
10600 MacArthur Boulevard
Oakland, California

Prepared for

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

Prepared by

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

1324 Mangrove Avenue, Suite 212
Chico, California 95926
(530) 566-1400
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27 July 2007

Project No. 06-08-601

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
Chico, CA 95926
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BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

27 July 2007 Project No. 06-08-601

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

Attn.: Mr. Paul Supple

Re: Second Quarter 2007 Report, Atlantic Richfield Company (a BP affiliated company)
Station #276, 10600 MacArthur Boulevard, Oakland, Alameda County, California
ACEH Case #RO0002565

Dear Mr. Supple:

Provided herein is the *Second Quarter 2007 Ground-Water Monitoring Report* for Atlantic Richfield Company Station #276 (herein referred to as Station #276) located at 10600 MacArthur Boulevard, Oakland, Alameda County, California (Property). This report presents results of ground-water monitoring conducted during the Second Quarter of 2007.

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

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus, P.E.
Senior Engineer

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

Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)
Electronic copy uploaded to GeoTracker

STATION #276 QUARTERLY GROUND-WATER MONITORING REPORT

Facility: #276 Address:	10600 MacArthur Boulevard, Oakland, California
Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus (530) 566-1400
Consultant Project No.:	06-08-601
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) ACEH Case #RO0002565
Facility Permits/Permitting Agency:	NA

WORK PERFORMED THIS QUARTER (Second Quarter 2007):

1. Prepared and submitted First Quarter 2007 Ground-Water Monitoring Report.
2. Conducted ground-water monitoring/sampling for Second Quarter 2007. Work performed on 8 May 2007 by Stratus Environmental, Inc (Stratus).

WORK PROPOSED FOR NEXT QUARTER (Third Quarter 2007):

1. Submitted Second Quarter 2007 Ground-Water Monitoring Report (contained herein).
2. Conduct quarterly ground-water monitoring/sampling for Third Quarter 2007.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Ground-water monitoring/sampling**
Frequency of ground-water monitoring:	**Quarterly = MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, RW-1, WDR-3**
Frequency of ground-water sampling:	**Quarterly = MW-2, MW-5, and MW-8** **Semi-Annually (1Q and 3Q) = MW-6 and MW-7** **Annually (1Q) = MW-1, MW-3, MW-4, WGR-3,and RW-1**
Is free product (FP) present on-site:	**No**
Current remediation techniques:	**NA**
Depth to ground water (below TOC):	**15.40 ft (MW-2) to 32.65 ft (MW-6)**
General ground-water flow direction:	**South-southwest**
Approximate hydraulic gradient:	**0.005 ft/ft**

DISCUSSION:

Second quarter 2007 ground-water monitoring and sampling was conducted at Station #276 on 8 May 2007 by Stratus. Water levels were gauged in the 10 wells at the Site. No irregularities were noted during water level gauging. Depth to water measurements ranged from 15.40 ft at MW-2 to 32.65 ft at MW-6. Resulting ground-water surface elevations ranged from 44.86 ft above mean sea level in well WGR-3 to 33.61 ft in wells MW-5 and MW-8. Water level elevations were between historic minimum and maximum ranges for each well, as summarized in Table 1. Water level elevations yielded a potentiometric ground-water flow direction and gradient to the south-southwest at approximately 0.005 ft/ft, consistent with historical data (see Table 3). Ground-water monitoring field data sheets are provided within Appendix A. Measured depths to ground water and respective ground-water elevations are summarized in Table 1. Potentiometric ground-water elevation contours are presented in Drawing 1.

Consistent with the current ground-water sampling schedule, water samples were collected from wells MW-2, MW-5 and MW-8 on 8 May 2007. No irregularities were reported during sampling. Samples were submitted under chain-of-custody protocol to Test America Analytical Testing Corporation (Morgan Hill, California), for analysis of Gasoline Range Organics (GRO, C4-12) by the LUFT GCMS Method; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and tert-Amyl methyl ether (TAME), tert-Butyl alcohol (TBA), Di-isopropyl ether(DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Ethanol, Ethyl tert-butyl ether (ETBE), Tetrachloroethene (PCE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. The laboratory reported that the GRO concentration for wells MW-5 and MW-8 was partly due to individual peak(s) in the quantitation range. The analysis for MTBE from well MW-8 required dilution. No other significant irregularities were encountered during laboratory analysis of the samples. Ground-water sampling field data sheets and the laboratory analytical report, including chain-of-custody documentation, are provided in Appendix A.

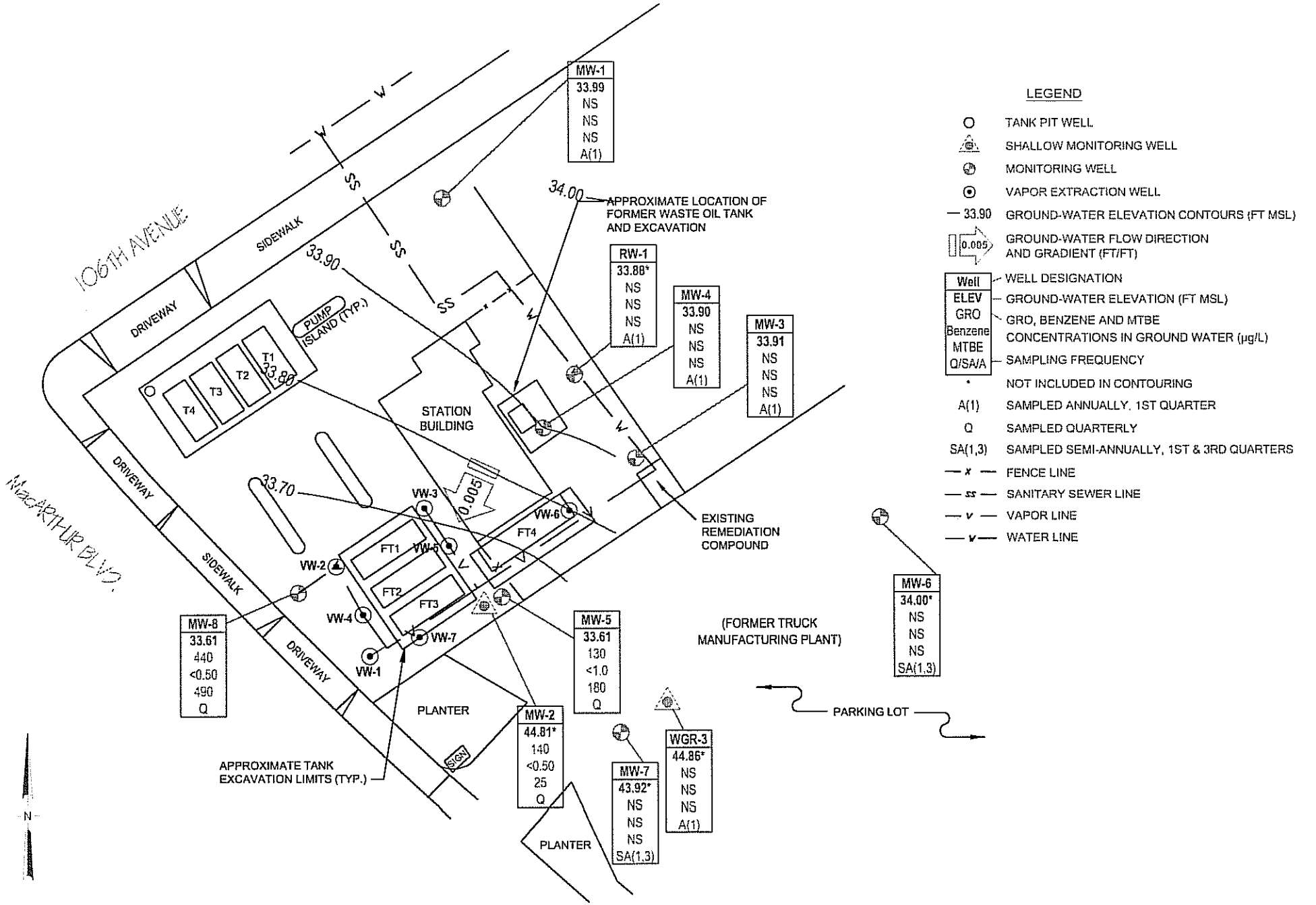
Gasoline range organics (GRO) were detected above the laboratory reporting limits in each of the wells sampled at concentrations up to 440 micrograms per liter (µg/L) in well MW-8. TAME was detected above the laboratory reporting limit in each of the wells sampled at concentrations up to 35 µg/L in well MW-8. 1,2-DCA was detected above the laboratory reporting limit in two of the three wells sampled at concentrations up to 8.6 µg/L in well MW-5. MTBE was detected above the laboratory reporting limit in each of the wells sampled at concentrations up to 490 µg/L in well MW-8. PCE was detected above the laboratory reporting limit in two of the three wells sampled at a concentration of 9.0 µg/L in wells MW-5 and MW-8. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the three wells sampled this quarter. Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well with the following exceptions: the concentration of TAME reported in well MW-5 was the highest on record, the concentration of 1,2-DCA in well MW-8 was the highest on record and the concentration of PCE in well MW-5 was the lowest on record. Historic laboratory analytical results are summarized in Table 1 and Table 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 1. A copy of the Laboratory Analytical Report, including chain-of-custody documentation is provided in Appendix A. Ground-water monitoring data (GEO_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation pages are provided in Appendix B.

CLOSURE:

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

ATTACHMENTS:

Drawing 1. Ground-Water Elevation Contour and Analytical Summary Map, 8 May 2007, Station #276, 10600 MacArthur Boulevard, Oakland, California



0 40 80
SCALE (ft)

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California
Project No.: 06-08-601 Date: 6/8/07

Station #276
10600 MacArthur Boulevard
Oakland, California

Ground-Water Elevation Contour and Analytical Summary Map
8 May 2007

Drawing
1

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

Station #276, 10600 MacArthur Blvd., Oakland, 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															
12/17/2000	--		55.92	23.50	28.50	29.16	26.76	5.09	--	--	--	--	--	--	--
12/28/2001	--		55.92	23.50	28.50	27.38	28.54	8.8	--	--	--	--	--	--	--
11/27/2002	NP		55.92	23.50	28.50	29.45	26.47	4.2	--	--	--	--	--	2.3	6.7
7/22/2003	NP		55.92	23.50	28.50	27.58	28.34	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	6.7
11/07/2003	NP		55.92	23.50	28.50	30.42	25.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	6.6
02/03/2004	NP		55.92	23.50	28.50	38.80	17.12	--	--	--	--	--	--	1.5	--
05/04/2004	NP	g	61.26	23.50	28.50	26.67	34.59	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	6.6
08/12/2004	NP		61.26	23.50	28.50	29.49	31.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	6.6
11/10/2004	NP		61.26	23.50	28.50	30.29	30.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	6.6
02/03/2005	NP		61.26	23.50	28.50	26.23	35.03	--	--	--	--	--	--	0.89	--
05/09/2005	--		61.26	23.50	28.50	22.93	38.33	--	--	--	--	--	--	--	--
08/11/2005	--		61.26	23.50	28.50	26.11	35.15	--	--	--	--	--	--	--	--
11/18/2005	--		61.26	23.50	28.50	29.14	32.12	--	--	--	--	--	--	--	--
02/01/2006	NP	i	61.26	23.50	28.50	24.15	37.11	53	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	6.7
5/30/2006	--		61.26	23.50	28.50	21.25	40.01	--	--	--	--	--	--	--	--
8/10/2006	--		61.26	23.50	28.50	24.70	36.56	--	--	--	--	--	--	--	--
11/2/2006	--		61.26	23.50	28.50	27.71	33.55	--	--	--	--	--	--	--	--
2/6/2007	NP		61.26	23.50	28.50	28.12	33.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.15	7.57
5/8/2007	--		61.26	23.50	28.50	27.27	33.99	--	--	--	--	--	--	--	--
MW-2															
12/17/2000	--		55.10	15.00	25.00	15.72	39.38	--	--	--	--	--	--	--	--
12/28/2001	--		55.10	15.00	25.00	27.38	27.72	--	--	--	--	--	--	--	--
11/27/2002	--		55.10	15.00	25.00	16.35	38.75	--	--	--	--	--	--	--	--
7/22/2003	--		55.10	15.00	25.00	16.20	38.90	--	--	--	--	--	--	--	--
11/07/2003	P		55.10	15.00	25.00	18.22	36.88	990	<5.0	<5.0	<5.0	<5.0	110	1.8	6.7
02/03/2004	P		55.10	15.00	25.00	13.63	41.47	180	<2.5	<2.5	2.6	4.1	55	1.8	6.5
05/04/2004	P	g	60.21	15.00	25.00	15.76	44.45	290	<2.5	<2.5	<2.5	<2.5	70	0.6	6.3
08/12/2004	P		60.21	15.00	25.00	17.21	43.00	<250	<2.5	<2.5	3.2	<2.5	49	1.6	6.6
11/10/2004	P		60.21	15.00	25.00	15.90	44.31	270	<1.0	<1.0	1.6	<1.0	90	0.9	6.2
02/03/2005	P		60.21	15.00	25.00	14.29	45.92	480	1.7	<0.50	2.0	1.4	37	1.53	6.5

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

Station #276, 10600 MacArthur Blvd., Oakland, 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.															
05/09/2005	P		60.21	15.00	25.00	14.38	45.83	320	<0.50	<0.50	<0.50	0.64	56	0.57	6.5
08/11/2005	P		60.21	15.00	25.00	15.97	44.24	320	<0.50	<0.50	<0.50	<0.50	50	1.0	6.3
11/18/2005	P		60.21	15.00	25.00	17.66	42.55	990	3.2	0.64	3.8	1.6	49	3.23	6.5
02/01/2006	P		60.21	15.00	25.00	12.50	47.71	<50	<0.50	<0.50	<0.50	<0.50	3.1	1.0	6.4
5/30/2006	P		60.21	15.00	25.00	13.25	46.96	280	<0.50	<0.50	<0.50	<0.50	64	1.76	6.5
8/11/2006	P	Water Levels 8/10	60.21	15.00	25.00	15.90	44.31	210	<0.50	<0.50	<0.50	<0.50	28	0.63	6.4
11/2/2006	P		60.21	15.00	25.00	17.38	42.83	270	0.64	<0.50	<0.50	<0.50	40	1.41	6.82
2/6/2007	NP	i	60.21	15.00	25.00	15.48	44.73	110	<0.50	<0.50	<0.50	<0.50	39	0.67	6.95
5/8/2007	NP		60.21	15.00	25.00	15.40	44.81	140	<0.50	<0.50	<0.50	<0.50	25	0.84	6.85
MW-3															
12/17/2000	--		56.55	22.00	27.00	29.78	26.77	158	--	--	--	--	--	--	--
12/28/2001	--		56.55	22.00	27.00	27.95	28.60	310	20	1.5	13	--	--	--	--
11/27/2002	NP		56.55	22.00	27.00	30.10	26.45	110	--	--	--	--	--	2.0	7.2
7/22/2003	NP		56.55	22.00	27.00	28.32	28.23	120	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	5.9
11/07/2003	NP		56.55	22.00	27.00	30.86	25.69	70	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	6.5
02/03/2004	NP		56.55	22.00	27.00	27.65	28.90	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	6.7
05/04/2004	NP	g	61.89	22.00	27.00	27.57	34.32	<100	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	6.4
08/12/2004	NP		61.89	22.00	27.00	30.31	31.58	52	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	6.3
11/10/2004	NP		61.89	22.00	27.00	31.00	30.89	91	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.7
02/03/2005	NP	i	61.89	22.00	27.00	26.85	35.04	180	<0.50	<0.50	<0.50	<0.50	<0.50	2.25	6.5
05/09/2005	--		61.89	22.00	27.00	23.72	38.17	--	--	--	--	--	--	--	--
08/11/2005	--		61.89	22.00	27.00	26.84	35.05	--	--	--	--	--	--	--	--
11/18/2005	--		61.89	22.00	27.00	29.82	32.07	--	--	--	--	--	--	--	--
02/01/2006	NP		61.89	22.00	27.00	24.80	37.09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	6.4
5/30/2006	--		61.89	22.00	27.00	21.77	40.12	--	--	--	--	--	--	--	--
8/10/2006	--		61.89	22.00	27.00	25.37	36.52	--	--	--	--	--	--	--	--
11/2/2006	--		61.89	22.00	27.00	28.43	33.46	--	--	--	--	--	--	--	--
2/6/2007	NP	i	61.86	22.00	27.00	28.85	33.01	50	<0.50	<0.50	<0.50	<0.50	<0.50	1.27	8.63
5/8/2007	--		61.86	22.00	27.00	27.98	33.88	--	--	--	--	--	--	--	--

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

Station #276, 10600 MacArthur Blvd., Oakland, 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															
12/17/2000	--		55.98	25.00	45.00	29.22	26.76	225	--	--	--	--	--	--	--
12/28/2001	--		55.98	25.00	45.00	27.37	28.61	160	1.2	--	--	--	--	--	--
11/27/2002	NP		55.98	25.00	45.00	29.55	26.43	95	--	--	--	--	--	3.7	6.7
7/22/2003	NP		55.98	25.00	45.00	27.73	28.25	130	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	6.6
11/07/2003	NP		55.98	25.00	45.00	30.41	25.57	59	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.5
02/03/2004	NP		55.98	25.00	45.00	27.01	28.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	7.1
05/04/2004	NP	g	61.30	25.00	45.00	26.91	34.39	<100	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	6.5
08/12/2004	NP		61.30	25.00	45.00	29.76	31.54	58	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	6.4
11/10/2004	NP		61.30	25.00	45.00	30.40	30.90	69	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	6.6
02/03/2005	NP	i	61.30	25.00	45.00	26.28	35.02	51	<0.50	<0.50	<0.50	<0.50	<0.50	3.77	6.8
05/09/2005	--		61.30	25.00	45.00	23.14	38.16	--	--	--	--	--	--	--	--
08/11/2005	--		61.30	25.00	45.00	26.23	35.07	--	--	--	--	--	--	--	--
11/18/2005	--		61.30	25.00	45.00	29.24	32.06	--	--	--	--	--	--	--	--
02/01/2006	P	i	61.30	25.00	45.00	24.20	37.10	330	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	7.0
5/30/2006	--		61.30	25.00	45.00	21.26	40.04	--	--	--	--	--	--	--	--
8/10/2006	--		61.30	25.00	45.00	24.62	36.68	--	--	--	--	--	--	--	--
11/2/2006	--		61.30	25.00	45.00	27.90	33.40	--	--	--	--	--	--	--	--
2/6/2007	NP	i	61.30	25.00	45.00	28.28	33.02	55	<0.50	<0.50	<0.50	<0.50	<0.50	1.21	8.28
5/8/2007	--		61.30	25.00	45.00	27.40	33.90	--	--	--	--	--	--	--	--
MW-5															
12/17/2000	--		55.43	23.50	31.50	28.82	26.61	1,040	--	--	--	--	--	--	--
12/28/2001	--		55.43	23.50	31.50	26.91	28.52	3,200	190	2/4/1900	140	1.9/3.2/2.0	--	--	--
11/27/2002	P		55.43	23.50	31.50	29.15	26.28	110	--	--	--	--	--	1.4	6.4
7/22/2003	P		55.43	23.50	31.50	27.43	28.00	160	<1.0	<1.0	<1.0	<1.0	110	1.5	6.6
11/07/2003	P		55.43	23.50	31.50	29.99	25.44	<250	<2.5	<2.5	<2.5	<2.5	120	0.6	6.2
02/03/2004	P		55.43	23.50	31.50	26.55	28.88	85	<2.5	<2.5	<2.5	<2.5	71	1.7	6.7
05/04/2004	P	g	60.73	23.50	31.50	26.47	34.26	<250	<2.5	<2.5	<2.5	<2.5	150	0.9	6.2
08/12/2004	P		60.73	23.50	31.50	29.49	31.24	<250	<2.5	<2.5	<2.5	<2.5	140	1.8	6.3
11/10/2004	P		60.73	23.50	31.50	30.15	30.58	170	<1.0	<1.0	<1.0	<1.0	150	1.0	6.3
02/03/2005	P		60.73	23.50	31.50	25.85	34.88	100	<0.50	<0.50	<0.50	<0.50	16	1.65	6.5

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

Station #276, 10600 MacArthur Blvd., Oakland, 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-5 Cont.															
05/09/2005	P		60.73	23.50	31.50	22.85	37.88	340	<2.5	<2.5	<2.5	<2.5	140	0.87	6.3
08/11/2005	P		60.73	23.50	31.50	26.05	34.68	<250	<2.5	<2.5	<2.5	<2.5	160	1.6	6.3
11/18/2005	P		60.73	23.50	31.50	29.07	31.66	<250	<2.5	<2.5	<2.5	<2.5	120	1.98	6.3
02/01/2006	P	i	60.73	23.50	31.50	23.70	37.03	520	<1.2	<1.2	<1.2	<1.2	100	0.4	6.4
5/30/2006	P		60.73	23.50	31.50	21.03	39.70	220	<2.5	<2.5	<2.5	<2.5	230	1.32	6.3
8/11/2006	P	Water Levels 8/10	60.73	23.50	31.50	24.77	35.96	150	<2.5	<2.5	<2.5	<2.5	170	0.68	6.1
11/2/2006	P		60.73	23.50	31.50	27.65	33.08	100	<1.0	<1.0	<1.0	<1.0	160	1.43	6.52
2/6/2007	NP	i	60.73	23.50	31.50	28.00	32.73	150	<1.0	<1.0	<1.0	<1.0	120	1.19	7.33
5/8/2007	NP	i	60.73	23.50	31.50	27.12	33.61	130	<1.0	<1.0	<1.0	<1.0	180	0.82	6.42
MW-6															
12/17/2000	--		61.21	37.50	56.00	34.61	26.60	--	--	--	--	--	--	--	--
12/28/2001	--		61.21	37.50	56.00	32.80	28.41	--	--	--	--	--	--	--	--
11/27/2002	--		61.21	37.50	56.00	35.00	26.21	--	--	--	--	--	--	--	--
7/22/2003	--		61.21	37.50	56.00	33.17	28.04	--	--	--	--	--	--	--	--
11/07/2003	P	d, e	61.21	37.50	56.00	35.70	25.51	<500	<5.0	<5.0	<5.0	<5.0	<5.0	2.7	6.9
02/03/2004	P		61.21	37.50	56.00	32.17	29.04	84	<2.5	<2.5	<2.5	<2.5	<2.5	1.9	7.0
05/04/2004	P	g	66.65	37.50	56.00	32.07	34.58	<250	<2.5	<2.5	<2.5	<2.5	<2.5	2.0	6.7
08/12/2004	P		66.65	37.50	56.00	34.90	31.75	660	<0.50	<0.50	<0.50	<0.50	0.81	1.4	6.9
11/10/2004	P		66.65	37.50	56.00	35.70	30.95	640	<0.50	<0.50	<0.50	<0.50	0.89	2.6	6.8
02/03/2005	P	i	66.65	37.50	56.00	31.48	35.17	77	<0.50	<0.50	<0.50	<0.50	<0.50	1.73	7.0
05/09/2005	--		66.65	37.50	56.00	28.37	38.28	--	--	--	--	--	--	--	--
08/11/2005	P		66.65	37.50	56.00	31.40	35.25	630	<0.50	<0.50	<0.50	<0.50	0.77	1.9	6.3
11/18/2005	--		66.65	37.50	56.00	34.50	32.15	--	--	--	--	--	--	--	--
02/01/2006	P	i	66.65	37.50	56.00	29.40	37.25	760	<5.0	<5.0	<5.0	<5.0	<5.0	2.1	6.9
5/30/2006	--		66.65	37.50	56.00	26.51	40.14	--	--	--	--	--	--	--	--
8/11/2006	P	Water Levels 8/10	66.65	37.50	56.00	30.10	36.55	790	<5.0	<5.0	<5.0	<5.0	<5.0	1.32	6.7
11/2/2006	--		66.65	37.50	56.00	33.12	33.53	--	--	--	--	--	--	--	--
2/6/2007	P	i	66.65	37.50	56.00	33.53	33.12	510	<0.50	<0.50	<0.50	<0.50	0.80	0.68	6.84
5/8/2007	--		66.65	37.50	56.00	32.65	34.00	--	--	--	--	--	--	--	--

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

Station #276, 10600 MacArthur Blvd., Oakland, 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															
12/17/2000	--		58.22	17.50	37.5	19.94	38.28	--	--	--	--	--	--	--	--
12/28/2001	--		58.22	17.50	37.5	17.29	40.93	--	--	--	--	--	--	--	--
11/27/2002	--		58.22	17.50	37.5	21.30	36.92	--	--	--	--	--	--	--	--
7/22/2003	--		58.22	17.50	37.5	21.36	36.86	--	--	--	--	--	--	--	--
11/07/2003	P	d	58.22	17.50	37.5	23.76	34.46	3,200	15	<2.5	130	11	53	2.2	6.8
02/03/2004	P		58.22	17.50	37.5	17.74	40.48	53	<0.50	<0.50	<0.50	0.54	32	1.9	6.4
02/03/2005	P		63.54	17.50	37.5	18.13	45.41	61	<0.50	<0.50	<0.50	<0.50	14	3.39	6.5
05/09/2005	--		63.54	17.50	37.5	18.39	45.15	--	--	--	--	--	--	--	--
08/11/2005	P		63.54	17.50	37.5	21.47	42.07	1,500	1.8	<1.0	4.2	1.2	21	2.0	6.3
11/18/2005	--		63.54	17.50	37.5	22.41	41.13	--	--	--	--	--	--	--	--
02/01/2006	P		63.54	17.50	37.5	16.65	46.89	<50	<0.50	<0.50	<0.50	<0.50	1.8	1.3	6.3
5/30/2006	--		63.54	17.50	37.50	19.22	44.32	--	--	--	--	--	--	--	--
8/11/2006	P	Water Levels 8/10	63.54	17.50	37.50	21.28	42.26	1,800	1.3	0.55	5.0	1.4	41	1.22	6.4
11/2/2006	--		63.54	17.50	37.50	22.61	40.93	--	--	--	--	--	--	--	--
2/6/2007	NP		63.54	17.50	37.50	19.79	43.75	530	<0.50	<0.50	<0.50	<0.50	8.4	0.93	7.23
5/8/2007	--		**63.54**	**17.50**	**37.50**	**19.62**	**43.92**	--	--	--	--	--	--	--	--
MW-8															
12/17/2000	--		53.65	29.00	49.00	27.02	26.63	--	--	--	--	--	--	--	--
12/28/2001	--		53.65	29.00	49.00	24.99	28.66	--	--	--	--	--	--	--	--
11/27/2002	--		53.65	29.00	49.00	27.45	26.20	--	--	--	--	--	--	--	--
7/22/2003	--		53.65	29.00	49.00	25.74	27.91	--	--	--	--	--	--	--	--
11/07/2003	P		53.65	29.00	49.00	28.27	25.38	<500	<5.0	<5.0	<5.0	<5.0	440	2.6	6.5
02/03/2004	P	f	53.65	29.00	49.00	24.80	28.85	170	<12	<12	<12	<12	470	3.0	6.7
05/04/2004	P	g	58.96	29.00	49.00	24.81	34.15	<1,000	<10	<10	<10	<10	700	3.8	6.4
08/12/2004	P		58.96	29.00	49.00	27.72	31.24	<2,500	<25	<25	<25	<25	400	3.4	6.5
11/10/2004	P		58.96	29.00	49.00	28.41	30.55	<500	<5.0	<5.0	<5.0	<5.0	480	3.4	6.3
02/03/2005	P		58.96	29.00	49.00	24.01	34.95	<50	<0.50	<0.50	<0.50	<0.50	45	1.43	6.4
05/09/2005	P	i	58.96	29.00	49.00	21.07	37.89	640	<5.0	<5.0	<5.0	<5.0	440	1.06	6.4
08/11/2005	P		58.96	29.00	49.00	24.32	34.64	<500	<5.0	<5.0	<5.0	<5.0	420	5.0	6.1
11/18/2005	P		58.96	29.00	49.00	27.35	31.61	<500	<5.0	<5.0	<5.0	<5.0	390	3.51	6.4

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Station #276, 10600 MacArthur Blvd., Oakland, 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.															
02/01/2006	P	i	58.96	29.00	49.00	22.00	36.96	520	<5.0	<5.0	<5.0	<5.0	600	0.5	6.3
5/30/2006	P		58.96	29.00	49.00	19.25	39.71	310	<5.0	<5.0	<5.0	<5.0	480	1.35	6.3
8/11/2006	P	Water Levels 8/04	58.96	29.00	49.00	22.95	36.01	320	<0.50	<0.50	<0.50	<0.50	630	0.65	6.2
11/2/2006	P		58.96	29.00	49.00	25.98	32.98	370	<2.5	<2.5	<2.5	<2.5	660	1.46	6.61
2/6/2007	P	i	58.96	29.00	49.00	26.27	32.69	66	<0.50	<0.50	<0.50	<0.50	60	0.65	6.64
5/8/2007	**P**	**i, j (MTBE)**	**58.96**	**29.00**	**49.00**	**25.35**	**33.61**	**440**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**490**	**1.35**	**6.60**
RW-1															
12/17/2000	--		56.32	36.00	51.00	29.57	26.75	--	--	--	--	--	--	--	--
12/28/2001	--		56.32	36.00	51.00	27.64	28.68	--	--	--	--	--	--	--	--
11/27/2002	--		56.32	36.00	51.00	29.93	26.39	--	--	--	--	--	--	--	--
7/22/2003	--		56.32	36.00	51.00	28.09	28.23	--	--	--	--	--	--	--	--
11/07/2003	P		56.32	36.00	51.00	30.64	25.68	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	7.0
02/03/2004	P		56.32	36.00	51.00	27.28	29.04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.7	7.1
05/04/2004	P	g	61.65	36.00	51.00	27.16	34.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.4	6.8
08/12/2004	P		61.65	36.00	51.00	30.10	31.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	7.1
11/10/2004	P		61.65	36.00	51.00	30.79	30.86	<100	<0.50	<0.50	<0.50	<0.50	<0.50	5.7	6.9
02/03/2005	P		61.65	36.00	51.00	26.61	35.04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.57	7.1
05/09/2005	--		61.65	36.00	51.00	23.51	38.14	--	--	--	--	--	--	--	--
08/11/2005	--		61.65	36.00	51.00	26.60	35.05	--	--	--	--	--	--	--	--
11/18/2005	--		61.65	36.00	51.00	29.65	32.00	--	--	--	--	--	--	--	--
02/01/2006	P		61.65	36.00	51.00	24.65	37.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	7.0
5/30/2006	--		61.65	36.00	51.00	21.69	39.96	--	--	--	--	--	--	--	--
8/10/2006	--		61.65	36.00	51.00	25.31	36.34	--	--	--	--	--	--	--	--
11/2/2006	--		61.65	36.00	51.00	28.28	33.37	--	--	--	--	--	--	--	--
2/6/2007	NP		61.65	36.00	51.00	28.63	33.02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.21	6.92
5/8/2007	--		61.65	36.00	51.00	27.77	33.88	--	--	--	--	--	--	--	--
WGR-3															
12/17/2000	--		--	--	--	19.21	--	--	--	--	--	--	--	--	--
12/28/2001	--	h	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Station #276, 10600 MacArthur Blvd., Oakland, 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		
WGR-3 Cont.															
11/27/2002	--		--	--	--	20.60	--	--	--	--	--	--	--	--	--
7/22/2003	--		--	--	--	20.77	--	--	--	--	--	--	--	--	--
05/04/2004	P	g	63.27	--	--	19.53	43.74	<50	<0.50	<0.50	<0.50	<0.50	11	1.8	6.5
08/12/2004	P		63.27	--	--	22.20	41.07	<50	<0.50	<0.50	<0.50	<0.50	35	2.0	--
11/10/2004	P		63.27	--	--	19.98	43.29	<50	<0.50	<0.50	<0.50	<0.50	5.6	0.3	6.3
02/03/2005	P		63.27	--	--	16.91	46.36	<50	<0.50	<0.50	<0.50	<0.50	1.1	2.04	6.5
05/09/2005	--		63.27	--	--	17.29	45.98	--	--	--	--	--	--	--	--
08/11/2005	--		63.27	--	--	20.88	42.39	--	--	--	--	--	--	--	--
11/18/2005	--		63.27	--	--	22.15	41.12	--	--	--	--	--	--	--	--
02/01/2006	P		63.27	--	--	14.90	48.37	<50	<0.50	<0.50	<0.50	<0.50	2.3	2.0	6.5
5/30/2006	--		63.27	--	--	18.39	44.88	--	--	--	--	--	--	--	--
8/10/2006	--		63.27	--	--	20.63	42.64	--	--	--	--	--	--	--	--
11/2/2006	--		63.27	--	--	20.32	42.95	--	--	--	--	--	--	--	--
2/6/2007	P		63.27	--	--	18.52	44.75	<50	<0.50	<0.50	<0.50	<0.50	4.4	0.89	6.87
5/8/2007	--		63.27	--	--	18.41	44.86	--	--	--	--	--	--	--	--

SYMBOLS & ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
BTEX = Benzene, toluene, ethylbenzene and xylenes
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = Feet below ground surface
ft MSL = Feet above mean sea level
GRO = Gasoline range organics
GWE = Groundwater elevation measured in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Not purged prior to sampling
P = Purged prior to sampling
TOC = Top of casing measured in ft MSL
TPH-g = Total petroleum hydrocarbons as gasoline
µg/L = Micrograms per liter

FOOTNOTES:
a = 1,1 DCE; this footnote is no longer applicable.
b = 1,2 DCA; this footnote is no longer applicable.
c = Chlorobenzene; this footnote is no longer applicable.
d = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for confirmation or dilution was performed past the recommended hold time. Results may still be used for intended purpose.
e = The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
f = Discrete peak @ C5 for GRO/TPH-g.
g = Site was re-surveyed to NAVD' 88 on January 26, 2004.
h = Well was dry.
i = Hydrocarbon result for GRO partly due to individual peak(s) in quantitative range.
j = Initial analysis within holding time but required dilution.

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

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

Groundwater samples were analyzed by EPA method 8015B for GRO and EPA method 8260B for BTEX, fuel oxygenates, ethanol, and PCE.

Values for pH and DO levels are field measurements.

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

Table 2. Summary of Fuel Additives Analytical Data

Station #276, 10600 MacArthur Blvd., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)														Footnotes
	Ethanol	TBA	MtBE	DIPE	EtBE	TAME	1,2-DCA	EDB	trans-1,2	cis-1,2	VOC	Oxygen	PCE	TCE	
MW-1															
12/17/2000	--	--	--	--	--	--	--	--	--	--	--	--	5.09	--	
12/28/2001	--	--	--	--	--	--	--	--	--	--	--	--	8.8	--	
11/27/2002	--	--	--	--	--	--	--	--	--	--	--	--	4.2	--	
7/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	6.0	--	
11/07/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	--	--			3.0	--	
02/03/2004	--	--	--	--	--	--	--	--	--	--			--	--	
05/04/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			34	--	
08/12/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			4.5	--	
11/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			4.9	--	
02/03/2005	--	--	--	--	--	--	--	--	--	--			--	--	e
05/09/2005	--	--	--	--	--	--	--	--	--	--			--	--	
08/11/2005	--	--	--	--	--	--	--	--	--	--			--	--	
11/18/2005	--	--	--	--	--	--	--	--	--	--			--	--	
02/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			38	--	e
5/30/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
8/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
11/2/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
2/6/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	
MW-2															
11/07/2003	<1,000	<200	110	<5.0	<5.0	28	--	--	--	--			<5.0	--	
02/03/2004	<500	<100	55	<5.0	<5.0	16	<2.5	<2.5	--	--			<2.5	--	
05/04/2004	<500	<100	70	<2.5	<2.5	15	<2.5	<2.5	--	--			<2.5	--	
08/12/2004	<500	<100	49	<2.5	<2.5	14	<2.5	<2.5	--	--			<0.50	--	
11/10/2004	<200	<40	90	<1.0	<1.0	19	<1.0	<1.0	--	--			<1.0	--	
02/03/2005	<100	<20	37	<0.50	<0.50	13	<0.50	<0.50	--	--			<0.50	--	e
05/09/2005	<100	<20	56	<0.50	<0.50	17	<0.50	<0.50	--	--			<0.50	--	e
08/11/2005	<100	<20	50	<0.50	<0.50	8.5	<0.50	<0.50	--	--			<0.50	--	
11/18/2005	<100	<20	49	<0.50	<0.50	11	<0.50	<0.50	--	--			<0.50	--	f
02/01/2006	<300	<20	3.1	<0.50	<0.50	0.52	<0.50	<0.50	--	--			<0.50	--	e
5/30/2006	<300	<20	64	<0.50	<0.50	12	<0.50	<0.50	--	--	--	--	<0.50	--	
8/11/2006	<300	<20	28	<0.50	<0.50	5.9	<0.50	<0.50	--	--	--	--	<0.50	--	

Table 2. Summary of Fuel Additives Analytical Data

Station #276, 10600 MacArthur Blvd., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)														Footnotes
	Ethanol	TBA	MtBE	DIPE	EtBE	TAME	1,2-DCA	EDB	trans-1,2	cis-1,2	VOC	Oxygen	PCE	TCE	
MW-2 Cont.															
11/2/2006	<300	<20	40	<0.50	<0.50	7.9	<0.50	<0.50	--	--	--	--	<0.50	--	
2/6/2007	<300	<20	39	<0.50	<0.50	9.2	<0.50	<0.50	--	--	--	--	--	--	
5/8/2007	<300	<20	25	<0.50	<0.50	5.4	<0.50	<0.50	--	--	--	--	<0.50	--	
MW-3															
12/17/2000	--	--	--	--	--	--	--	--	--	--	--	--	158	--	
12/28/2001	--	--	--	--	--	--	--	--	1.5	13	--	--	310	20	
11/27/2002	--	--	--	--	--	--	--	--	--	--	--	--	110	--	
7/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	80	--	
11/07/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	--	--			80	--	
02/03/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	--	--			110	--	
05/04/2004	<200	<40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--			110	--	
08/12/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			61	--	
11/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			99	--	
02/03/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			160	--	e
05/09/2005	--	--	--	--	--	--	--	--	--	--			--	--	
08/11/2005	--	--	--	--	--	--	--	--	--	--			--	--	
11/18/2005	--	--	--	--	--	--	--	--	--	--			--	--	
02/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			110	--	e
5/30/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
8/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
11/2/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
2/6/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	
MW-4															
12/17/2000	--	--	--	--	--	--	--	--	--	--	--	--	225	--	
12/28/2001	--	--	--	--	--	--	--	--	--	--	--	--	160	1.2	
11/27/2002	--	--	--	--	--	--	--	--	--	--	--	--	95	--	
7/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	94	--	
11/07/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	--	--			68	--	
02/03/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	--	--			83	--	
05/04/2004	<200	<40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--			81	--	

Table 2. Summary of Fuel Additives Analytical Data

Station #276, 10600 MacArthur Blvd., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)														Footnotes
	Ethanol	TBA	MtBE	DIPE	EtBE	TAME	1,2-DCA	EDB	trans-1,2	cis-1,2	VOC	Oxygen	PCE	TCE	
MW-4 Cont.															
08/12/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			59	--	
11/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			78	--	
02/03/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			61	--	c
05/09/2005	--	--	--	--	--	--	--	--	--	--			--	--	
08/11/2005	--	--	--	--	--	--	--	--	--	--			--	--	
11/18/2005	--	--	--	--	--	--	--	--	--	--			--	--	
02/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			320	--	c
5/30/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
8/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
11/2/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
2/6/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	
MW-5															
12/17/2000	--	--	--	--	--	--	--	--	--	--	--	--	1,040	--	
12/28/2001	--	--	--	--	--	--	--	--	36	140	1.9, 3.2, 2.0	--	3,200	190	a,b,c
11/27/2002	--	--	--	--	--	--	--	--	--	--	--	--	110	--	
7/22/2003	<200	<40	110	1.4	<1.0	3.2	12	<1.0	--	--	--	--	55	--	
11/07/2003	<500	<100	120	<2.5	<2.5	6.6	--	--	--	--			42	--	
02/03/2004	<500	<100	71	<5.0	<5.0	<5.0	12	<2.5	--	--			130	--	
05/04/2004	<500	<100	150	<2.5	<2.5	5.9	8.8	<2.5	--	--			36	--	
08/12/2004	<500	<100	140	<2.5	<2.5	10	10	<2.5	--	--			37	--	
11/10/2004	<200	<40	150	1.1	<1.0	9.5	9.8	<1.0	--	--			50	--	
02/03/2005	<100	<20	16	<0.50	<0.50	0.54	2.7	<0.50	--	--			480	--	e
05/09/2005	<500	<100	140	<2.5	<2.5	9.2	10	<2.5	--	--			78	--	e
08/11/2005	<500	<100	160	<2.5	<2.5	10	9.6	<2.5	--	--			27	--	
11/18/2005	<500	<100	120	<2.5	<2.5	9.2	10	<2.5	--	--			19	--	f
02/01/2006	<750	<50	100	<1.2	<1.2	5.1	7.4	<1.2	--	--			470	--	e
5/30/2006	<1,500	<100	230	<2.5	<2.5	11	11	<2.5	--	--	--	--	48	--	
8/11/2006	<1,500	<100	170	<2.5	<2.5	14	9.2	<2.5	--	--	--	--	24	--	
11/2/2006	<600	<40	160	<1.0	<1.0	12	7.8	<1.0	--	--	--	--	9.8	--	
2/6/2007	<600	<40	120	<1.0	<1.0	13	4.6	<1.0	--	--	--	--	--	--	
5/8/2007	<600	<40	180	<1.0	<1.0	16	8.6	<1.0	--	--	--	--	9.0	--	

Table 2. Summary of Fuel Additives Analytical Data

Station #276, 10600 MacArthur Blvd., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)														Footnotes
	Ethanol	TBA	MtBE	DIPE	EtBE	TAME	1,2-DCA	EDB	trans-1,2	cis-1,2	VOC	Oxygen	PCE	TCE	
MW-6															
11/07/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	--	--	--	--			560	--	
02/03/2004	<500	<100	<2.5	<5.0	<5.0	<5.0	<2.5	<2.5	--	--			220	--	
05/04/2004	<500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	--			210	--	
08/12/2004	<100	<20	0.81	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			750	--	
11/10/2004	<100	<20	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			530	--	
02/03/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			85	--	e
05/09/2005	--	--	--	--	--	--	--	--	--	--			--	--	
08/11/2005	<100	<20	0.77	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			610	--	
11/18/2005	--	--	--	--	--	--	--	--	--	--			--	--	
02/01/2006	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--			690	--	e
8/11/2006	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	880	--	
2/6/2007	<300	<20	0.80	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	
MW-7															
11/07/2003	<500	<100	53	<2.5	<2.5	13	--	--	--	--			<2.5	--	
02/03/2004	<100	<20	32	<1.0	<1.0	7.4	<0.50	<0.50	--	--			0.74	--	
02/03/2005	<100	<20	14	<0.50	<0.50	3.9	<0.50	<0.50	--	--			1.6	--	e
05/09/2005	--	--	--	--	--	--	--	--	--	--			--	--	
08/11/2005	<200	<40	21	<1.0	<1.0	4.7	<1.0	<1.0	--	--			1.0	--	e
11/18/2005	--	--	--	--	--	--	--	--	--	--			--	--	
02/01/2006	<300	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			0.71	--	e
8/11/2006	<300	<20	41	<0.50	<0.50	9.0	<0.50	<0.50	--	--	--	--	<0.50	--	
2/6/2007	<300	<20	8.4	<0.50	<0.50	2.2	<0.50	<0.50	--	--	--	--	<0.50	--	
MW-8															
11/07/2003	<1,000	<200	440	<5.0	<5.0	18	--	--	--	--			<5.0	--	
02/03/2004	<2,500	<500	470	<25	<25	<25	<12	<12	--	--			<12	--	
05/04/2004	<2,000	<400	700	<10	<10	2.1	<10	<10	--	--			12	--	
08/12/2004	<5,000	<1,000	400	<25	<25	<25	<25	<25	--	--			1.1	--	
11/10/2004	<1,000	<200	480	<5.0	<5.0	2.1	<5.0	<5.0	--	--			8.9	--	
02/03/2005	<100	<20	45	<0.50	<0.50	1.9	<0.50	<0.50	--	--			0.59	--	e
05/09/2005	<1,000	<200	440	<5.0	<5.0	2.1	<5.0	<5.0	--	--			<5.0	--	e

Table 2. Summary of Fuel Additives Analytical Data

Station #276, 10600 MacArthur Blvd., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)														Footnotes
	Ethanol	TBA	MtBE	DIPE	EtBE	TAME	1,2-DCA	EDB	trans-1,2	cis-1,2	VOC	Oxygen	PCE	TCE	
MW-8 Cont.															
08/11/2005	<1,000	<200	420	<5.0	<5.0	24	<5.0	<5.0	--	--			<0.50	--	e
11/18/2005	<1,000	<200	390	<5.0	<5.0	23	<5.0	<5.0	--	--			4.2	--	f
02/01/2006	<3,000	<200	600	<5.0	<5.0	21	<5.0	<5.0	--	--			<0.50	--	e
5/30/2006	<3,000	<200	480	<5.0	<5.0	25	<5.0	<5.0	--	--	--	--	<5.0	--	
8/11/2006	<300	<20	630	<0.50	<0.50	37	1.2	<0.50	--	--	--	--	<0.50	--	
11/2/2006	<1,500	<100	660	<2.5	<2.5	43	<2.5	<2.5	--	--	--	--	<2.5	--	
2/6/2007	<300	<20	60	<0.50	<0.50	4.8	<0.50	<0.50	--	--	--	--	0.72	--	
5/8/2007	**<300**	**<20**	**490**	**<0.50**	**<0.50**	**35**	**1.9**	**<0.50**	**--**	**--**	**--**	**--**	**9.0**	**--**	**h (MTBE)**
RW-1															
11/07/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	--	--			3.1	--	
02/03/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	--	--			0.76	--	
05/04/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			1.8	--	
08/12/2004	330/<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			2.9	--	d
11/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			5.2	--	
02/03/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			1.7	--	e
05/09/2005	--	--	--	--	--	--	--	--	--	--			--	--	
08/11/2005	--	--	--	--	--	--	--	--	--	--			--	--	
11/18/2005	--	--	--	--	--	--	--	--	--	--			--	--	
02/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			1.7	--	e
5/30/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
8/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
11/2/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
2/6/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	15	--	
WGR-3															
05/04/2004	<100	<20	11	<0.50	<0.50	2.4	<0.50	<0.50	--	--			<0.50	--	
08/12/2004	<100	<20	35	<0.50	<0.50	7.5	<0.50	<0.50	--	--			<0.50	--	
11/10/2004	<100	<20	5.6	<0.50	<0.50	1.3	<0.50	<0.50	--	--			<0.50	--	
02/03/2005	<100	<20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			<0.50	--	e
05/09/2005	--	--	--	--	--	--	--	--	--	--			--	--	
08/11/2005	--	--	--	--	--	--	--	--	--	--			--	--	

Table 2. Summary of Fuel Additives Analytical Data

Station #276, 10600 MacArthur Blvd., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)														Footnotes
	Ethanol	TBA	MtBE	DIPE	EtBE	TAME	1,2-DCA	EDB	trans-1,2	cis-1,2	VOC	Oxygen	PCE	TCE	
WGR-3 Cont.															
11/18/2005	--	--	--	--	--	--	--	--	--	--			--	--	
02/01/2006	<300	<20	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	--	--			<0.50	--	e
5/30/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
8/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
11/2/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	g
2/6/2007	<300	<20	4.4	<0.50	<0.50	0.58	<0.50	<0.50	--	--	--	--	<0.50	--	

SYMBOLS & ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above the laboratory reporting limit
1,2-DCA = 1,2-Dichloroethane
cis-1,2-DCE = cis-1,2-Dichloroethene
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
TCE = Trichloroethene
trans-1,2-DCE = trans 1,2-Dichloroethene
VOC = Volatile organic compounds
µg/L = Micrograms per Liter
BTEX = Benzene, toluene, ethylbenzene and xylenes

FOOTNOTES:
a = VOC 1,1 DCE detected at a concentration of 1.9 ug/L.
b = VOC 1,2 DCA detected at a concentration of 3.2 ug/L.
c = VOC Chlorobenzene detected at a concentration of 2.0 ug/L.
d = Ethanol was re-analyzed two days out of holding time and was not detected above a laboratory reporting limit of 100 ug/L.
e = Calibration verification for ethanol was within method limits but outside contract limits.
f = Sample for PCE analyzed after holding time expired.
g = Well sampled annually.
h = Initial analysis within holding time but required dilution.

NOTES:
PCE was analyzed using EPA Method 8260B. Samples were analyzed by EPA method 8015B for GRO and EPA method 8260B for BTEX, fuel oxygenates, ethanol, and PCE.

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 #276, 10600 MacArthur Blvd., Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
12/17/2000	South-Southeast	0.003
12/28/2001	Southeast	0.002
11/27/2002	South-Southeast	0.003
7/22/2003	South	0.007
11/7/2003	Southwest	0.002
2/3/2004	South-Southwest	0.002
5/4/2004	South-Southwest	0.003
8/12/2004	South	0.004
11/10/2004	Southwest	0.004
2/3/2005	Southwest	0.003
5/9/2005	South-Southwest	0.004
8/11/2005	South-Southwest	0.007
11/18/2005	Southwest	0.005
2/1/2006	Southwest	0.002
5/30/2006	South-Southwest	0.007
8/10/2006	South-Southwest	0.004
11/2/2006	South-Southwest	0.004
2/6/2007	South-Southwest	0.005
5/8/2007	**South-Southwest**	**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 GROUND-WATER SAMPLING DATA PACKAGE
(INCLUDES FIELD DATA SHEETS AND LABORATORY ANALYTICAL REPORT WITH CHAIN-OF-CUSTODY DOCUMENTATION)

STRATUS
ENVIRONMENTAL, INC.

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

May 31, 2007

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

Re: Groundwater Sampling Data Package, BP Service Station No. 276, located at 10600 MacArthur Boulevard, California (Quarterly Monitoring performed on May 8, 2007)

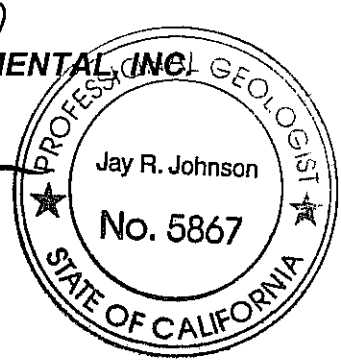
General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson
Phone Number: (530) 676-6000
On-Site Supplier Representative: Jerry Gonzales
Date: May 8, 2007
Arrival: 12:45 *Departure:* 15:20
Weather Conditions: Clear
Unusual Field Conditions: None
Scope of Work Performed: Quarterly monitoring and sampling
Variations from Work Scope: None noted

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include bill of lading, field data sheets, chain of custody documentation, and 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:

- 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 IS 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 non-hazardous 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:

276
Station #

Oakland – 10600 MacArthur Blvd.
Station Address

Total Gallons Collected From Groundwater Monitoring Wells: 46

Added Equipment Rinse Water 5

Any Other Adjustments 0

TOTAL GALS. RECOVERED 51

loaded onto Doulos vehicle # ______

Stratus Project #	time	date
	1530	5/8/07

Signature Jerry G.

* *

RECEIVED AT	time	date
BP 5786		/ /

Unloaded by
Signature ______

BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

AR 12:45 DP - 15:20

Gauge Date: _____ **Project Name:** *Oakland - 10600 MacArthur Blvd.*

Field Technician: Jerry **Project Number:** *276*

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 (w/bailer)	COMMENTS
			TOC	DTP	DTW	DTB	DIA	ELEV			
	MW-1	13:26			22.27	38.65					
X	MW-2	13:18			15.40	25.11					
	MW-3	13:40			27.98	38.38					
	MW-4	13:38			27.40	47.60					
X	MW-5				22.12	46.68					
	MW-6	13:02			32.65	48.20					
	MW-7	12:58			19.62	36.63					
X	MW-8				25.35	41.78					
	RW-1	13:33			27.77	48.79					
	WBR-3	13:00			18.41	26.92					

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 276 PURGED BY: JG WELL I.D.: MW-2

CLIENT NAME: SAMPLED BY: JG SAMPLE I.D.: MW-2

LOCATION: Oakland - 10600 MacArthur Blvd. QA SAMPLES:

DATE PURGED 5-8-07 START (2400hr) 14:34 END (2400hr) 14:35

DATE SAMPLED 5-8-07 SAMPLE TIME (2400hr) 14:35

SAMPLE TYPE: Groundwater x 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) = 25.11 CASING VOLUME (gal) = NP

DEPTH TO WATER (feet) = 15.40 CALCULATED PURGE (gal) = NP

WATER COLUMN HEIGHT (feet) = 9.71 ACTUAL PURGE (gal) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
5-8-07	1435	✓	22.2	490	6.85	clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 15.40 SAMPLE TURBIDITY: clear

80% RECHARGE: ____ YES ____ NO ANALYSES: See work order

ODOR: ____ SAMPLE VESSEL / PRESERVATIVE: 6 voa hcl

PURGING EQUIPMENT

____ Bladder Pump ✓ Bailer (Teflon)
____ Centrifugal Pump ____ Bailer (PVC)
____ Submersible Pump ____ Bailer (Stainless Steel)
____ Peristalic Pump ____ Dedicated ____

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

____ Bladder Pump ✓ Bailer (Teflon)
____ Centrifugal Pump ✓ Bailer (____ PVC or ✓ disposable)
____ Submersible Pump ____ Bailer (Stainless Steel)
____ Peristalic Pump ____ Dedicated ____

Other: ____

WELL INTEGRITY: ____ LOCK#: None

REMARKS: D.O - 0.89

SIGNATURE: [signature] Page ____ of ____

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 276 PURGED BY: SC WELL I.D.: MW-5

CLIENT NAME: SAMPLED BY: F SAMPLE I.D.: MW-5

LOCATION: Oakland - 10600 MacArthur Blvd. QA SAMPLES:

DATE PURGED 5-8-07 START (2400hr) 14:48 END (2400hr) 1450

DATE SAMPLED 5-8-07 SAMPLE TIME (2400hr) 14:50

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" ____ 3" ____ 4" X 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) = 46.68 CASING VOLUME (gal) = N/A

DEPTH TO WATER (feet) = 27.12 CALCULATED PURGE (gal) = N/A

WATER COLUMN HEIGHT (feet) = ____ ACTUAL PURGE (gal) = N/P

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
5-8-07	14:50	0	22.2	592	6.42	clr	
/							

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 27.12 SAMPLE TURBIDITY: Clear

80% RECHARGE: X YES ___ NO ANALYSES: See work order

ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 6 VOA-HCl

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
___ Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump X Bailer (___ PVC or ✓ disposable)
___ Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____

Other: ____

WELL INTEGRITY: Good LOCK#: Mac

REMARKS: DO 0.82

SIGNATURE: [signature] Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 276 PURGED BY: JC WELL I.D.: MW-8

CLIENT NAME: SAMPLED BY: JC SAMPLE I.D.: MW-8

LOCATION: Oakland - 10600 MacArthur Blvd. QA SAMPLES:

DATE PURGED 5-8-07 START (2400hr) 14:09 END (2400hr) 14:18

DATE SAMPLED 5-8-07 SAMPLE TIME (2400hr) 14:20

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" ____ 3" ____ 4" X 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) = 49.78 CASING VOLUME (gal) = 15.0

DEPTH TO WATER (feet) = 25.35 CALCULATED PURGE (gal) = 45.0

WATER COLUMN HEIGHT (feet) = 22.4 ACTUAL PURGE (gal) = 45.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
5-8-07	14:11	15	25.3	682	6.78	clear	
"	14:15	30	22.3	678	6.62	"	
"	14:18	45.5	22.0	680	6.60	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 26.41 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO ANALYSES: see work order

ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 6 VOA-HCl

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristaltic Pump ___ Dedicated ____

Other: ____

Pump Depth: 40

SAMPLING EQUIPMENT

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

Other: DISP

WELL INTEGRITY: Good LOCK#: MMS

REMARKS: DO 1.35

SIGNATURE: Page ___ of ___

Wellhead Observation Form

Account: _____

Sampled by: _____ Date: _____

Well ID	Box in good condition	Lock Missing (Replaced with new)	Water in Box	Bolts Missing	Bolts Stripped	Bolt-Holes Stripped	Cracked or Broken Lid	Cracked Box and/or Bolt - Holes	Misc.	Add'l – Notes and Other Stuff
MW-1	Y	N	N	1	N	Y	N	N		
MW-2	Y	N	N	Y	N	N	N	N		
MW-3	Y	N	N	N	N	N	N	N		
MW-4	Y	N	N	N	N	N	N	N		
MW-5	Y	N	Y	Y	—	—	N	N		
MW-6	Y	N	Y	N	N	N	N	N		
MW-7	Y	N	N	N	N	N	N	N		
MW-8	Y	N	N	N	N	N	N	N		
EW-1	Y	N	N	N	N	N	N	N		
WELL-3	Y	N	Y	N	N	N	N	N		

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 276
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>276
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy):

On-site Time: 12:45	Temp: 80
Off-site Time: 15:20	Temp: 85
Sky Conditions: Clear	
Meteorological Events: None	
Wind Speed: 0	Direction:

Lab Name: TestAmerica	
Address: 885 Jarvis Drive	
Morgan Hill, CA 95937	
Lab PM: Lisa Race	
Tele/Fax: 408-782-8156 408-782-6308 (fax)	
BP/AR PM Contact: Paul Supple	
Address: 2010 Crow Canyon Place, Suite 150	
San Ramon, CA	
Tele/Fax: 925-275-3506	

BP/AR Facility No.:	276
BP/AR Facility Address:	10600 MacArthur Blvd., Oakland
Site Lat/Long:	
California Global ID #:	T0600108312
Enfos Project No.:	G0C20-0014
Provision or RCOP (circle one)	Provision
Phase/WBS:	04-Monitoring
Sub Phase/Task:	03-Analytical
Cost Element:	01-Contractor labor

Consultant/Contractor:	Stratus Environmental, Inc.
Address:	3330 Cameron Park Drive, Suite 550
	Cameron Park, CA 95682
Consultant/Contractor Project No.:	E276-04
Consultant/Contractor PM:	Jay Johnson
Tele/Fax:	(530) 676-6000 / (530) 676-6005
Report Type & QC Level:	Level 1 with EDF
E-mail EDD To:	shayes@stratusinc.net
Invoice to:	Atlantic Richfield Co.

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO/BTEX/Oxy*	Requested Analysis: EDB	Requested Analysis: 1,2 DCA	Requested Analysis: Ethanol by 8260	Requested Analysis: PCE by 8010	Sample Point Lat/Long and Comments *Oxy = MTBE, TAME, ETBE, DIPE, TBA
1	MW-2	1435			X			6				X		X	X	X	X	X	
2	MW-5	1450			X			6				X		X	X	X	X	X	
3	MW-8	1420			X			6				X		X	X	X	X	X	
4	TB 276 - 5807	500			X			2				X		X	X	X	X	X	HOLD
5																			
6																			
7																			
8																			
9																			
10																			

Sampler's Name:	Jerry Edwards
Sampler's Company:	Dacon Env
Shipment Date:	
Shipment Method:	
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	5/9	07			
		1315		5/9/07	1315

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

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

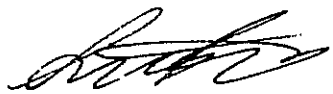
30 May, 2007

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

RE: ARCO #0276, Oakland, CA
Work Order: MQE0419

Enclosed are the results of analyses for samples received by the laboratory on 05/09/07 20:45. 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.

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MQE0419-01	Water	05/08/07 14:35	05/09/07 20:45
MW-5	MQE0419-02	Water	05/08/07 14:50	05/09/07 20:45
MW-8	MQE0419-03	Water	05/08/07 14:20	05/09/07 20:45
TB 276-5807	MQE0419-04	Water	05/08/07 05:00	05/09/07 20:45

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.

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

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 (MQE0419-01) Water Sampled: 05/08/07 14:35 Received: 05/09/07 20:45									
Gasoline Range Organics (C4-C12)	**140**	50	ug/l	1	7E18046	05/18/07	05/18/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*	*60-135*		"	"	"	"	
MW-5 (MQE0419-02) Water Sampled: 05/08/07 14:50 Received: 05/09/07 20:45									
Gasoline Range Organics (C4-C12)	**130**	100	ug/l	2	7E18046	05/18/07	05/19/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*60-135*		"	"	"	"	
MW-8 (MQE0419-03) Water Sampled: 05/08/07 14:20 Received: 05/09/07 20:45									
Gasoline Range Organics (C4-C12)	**440**	50	ug/l	1	7E19016	05/19/07	05/19/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MQE0419-01) Water Sampled: 05/08/07 14:35 Received: 05/09/07 20:45									
tert-Amyl methyl ether	**5.4**	0.50	ug/l	1	7E18046	05/18/07	05/18/07	EPA 8260B	
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	**25**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*	*60-135*		"	"	"	"	
MW-5 (MQE0419-02) Water Sampled: 05/08/07 14:50 Received: 05/09/07 20:45									
tert-Amyl methyl ether	**16**	1.0	ug/l	2	7E18046	05/18/07	05/19/07	EPA 8260B	
Benzene	ND	1.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	40	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**8.6**	1.0	"	"	"	"	"	"	
Ethanol	ND	600	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**180**	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MQE0419-03) Water Sampled: 05/08/07 14:20 Received: 05/09/07 20:45									
tert-Amyl methyl ether	**35**	0.50	ug/l	1	7E19016	05/19/07	05/19/07	EPA 8260B	
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	**1.9**	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*60-135*		"	"	"	"	
MW-8 (MQE0419-03RE1) Water Sampled: 05/08/07 14:20 Received: 05/09/07 20:45									**CL**
Methyl tert-butyl ether	**490**	5.0	ug/l	10	7E24006	05/24/07	05/24/07	EPA 8260B	
Surrogate: Dibromofluoromethane		*95 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

EPA 8010 list Volatile Organic Compounds by EPA 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MQE0419-01) Water Sampled: 05/08/07 14:35 Received: 05/09/07 20:45									
Tetrachloroethene	ND	0.50	ug/l	1	7E19016	05/19/07	05/19/07	EPA 8260B	
Surrogate: Dibromofluoromethane		*101 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*60-135*		"	"	"	"	
MW-5 (MQE0419-02) Water Sampled: 05/08/07 14:50 Received: 05/09/07 20:45									
Tetrachloroethene	**9.0**	0.50	ug/l	1	7E19016	05/19/07	05/19/07	EPA 8260B	
Surrogate: Dibromofluoromethane		*101 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*	*60-135*		"	"	"	"	
MW-8 (MQE0419-03) Water Sampled: 05/08/07 14:20 Received: 05/09/07 20:45									
Tetrachloroethene	**9.0**	0.50	ug/l	1	7E19016	05/19/07	05/19/07	EPA 8260B	
Surrogate: Dibromofluoromethane		*102 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

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 7E18046 - EPA 5030B P/T / LUFT GCMS										
Blank (7E18046-BLK1)				Prepared & Analyzed: 05/18/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.90*		"	*2.50*		*116*	*60-125*			
Surrogate: Dibromofluoromethane	*2.75*		"	*2.50*		*110*	*75-120*			
Surrogate: Toluene-d8	*2.65*		"	*2.50*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-135*			
Laboratory Control Sample (7E18046-BS2)				Prepared & Analyzed: 05/18/07						
Gasoline Range Organics (C4-C12)	397	50	ug/l	500		79	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.87*		"	*2.50*		*115*	*60-125*			
Surrogate: Dibromofluoromethane	*2.68*		"	*2.50*		*107*	*75-120*			
Surrogate: Toluene-d8	*2.72*		"	*2.50*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.72*		"	*2.50*		*109*	*60-135*			
Laboratory Control Sample Dup (7E18046-BSD2)				Prepared & Analyzed: 05/18/07						
Gasoline Range Organics (C4-C12)	402	50	ug/l	500		80	65-120	1	20	
Surrogate: 1,2-Dichloroethane-d4	*2.94*		"	*2.50*		*118*	*60-125*			
Surrogate: Dibromofluoromethane	*2.77*		"	*2.50*		*111*	*75-120*			
Surrogate: Toluene-d8	*2.76*		"	*2.50*		*110*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.66*		"	*2.50*		*106*	*60-135*			
Batch 7E19016 - EPA 5030B P/T / LUFT GCMS										
Blank (7E19016-BLK1)				Prepared & Analyzed: 05/19/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-125*			
Surrogate: Dibromofluoromethane	*2.48*		"	*2.50*		*99*	*75-120*			
Surrogate: Toluene-d8	*2.50*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.31*		"	*2.50*		*92*	*60-135*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

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 7E19016 - EPA 5030B P/T / LUFT GCMS										
Laboratory Control Sample (7E19016-BS2)				Prepared & Analyzed: 05/19/07						
Gasoline Range Organics (C4-C12)	496	50	ug/l	500		99	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.51*		"	*2.50*		*100*	*60-125*			
Surrogate: Dibromofluoromethane	*2.55*		"	*2.50*		*102*	*75-120*			
Surrogate: Toluene-d8	*2.60*		"	*2.50*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.45*		"	*2.50*		*98*	*60-135*			
Laboratory Control Sample Dup (7E19016-BSD2)				Prepared & Analyzed: 05/19/07						
Gasoline Range Organics (C4-C12)	489	50	ug/l	500		98	65-120	1	20	
Surrogate: 1,2-Dichloroethane-d4	*2.42*		"	*2.50*		*97*	*60-125*			
Surrogate: Dibromofluoromethane	*2.48*		"	*2.50*		*99*	*75-120*			
Surrogate: Toluene-d8	*2.56*		"	*2.50*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E18046 - EPA 5030B P/T / EPA 8260B										
Blank (7E18046-BLK1)				Prepared & Analyzed: 05/18/07						
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	"							
Surrogate: Dibromofluoromethane	*2.75*		"	*2.50*		*110*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.90*		"	*2.50*		*116*	*60-125*			
Surrogate: Toluene-d8	*2.65*		"	*2.50*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-135*			
Laboratory Control Sample (7E18046-BS1)				Prepared & Analyzed: 05/18/07						
tert-Amyl methyl ether	9.40	0.50	ug/l	10.0		94	65-135			
Benzene	9.56	0.50	"	10.0		96	75-120			
tert-Butyl alcohol	186	20	"	200		93	60-135			
Di-isopropyl ether	8.02	0.50	"	10.0		80	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	"	10.0		105	80-135			
1,2-Dichloroethane	10.2	0.50	"	10.0		102	70-125			
Ethanol	159	300	"	200		80	15-150			
Ethyl tert-butyl ether	8.82	0.50	"	10.0		88	65-130			
Ethylbenzene	9.97	0.50	"	10.0		100	75-120			
Methyl tert-butyl ether	9.99	0.50	"	10.0		100	50-140			
Toluene	9.86	0.50	"	10.0		99	75-120			
Xylenes (total)	30.4	0.50	"	30.0		101	75-120			
Surrogate: Dibromofluoromethane	*2.78*		"	*2.50*		*111*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.84*		"	*2.50*		*114*	*60-125*			
Surrogate: Toluene-d8	*2.61*		"	*2.50*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.78*		"	*2.50*		*111*	*60-135*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E18046 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7E18046-MS1)	**Source: MQE0419-01**			Prepared: 05/18/07	Analyzed: 05/19/07					
tert-Amyl methyl ether	17.4	0.50	ug/l	10.0	5.4	120	65-135			
Benzene	11.4	0.50	"	10.0	ND	114	75-120			
tert-Butyl alcohol	233	20	"	200	ND	116	60-135			
Di-isopropyl ether	10.0	0.50	"	10.0	ND	100	70-130			
1,2-Dibromoethane (EDB)	13.4	0.50	"	10.0	ND	134	80-135			
1,2-Dichloroethane	13.0	0.50	"	10.0	ND	130	70-125			LM
Ethanol	234	300	"	200	ND	117	15-150			
Ethyl tert-butyl ether	11.1	0.50	"	10.0	ND	111	65-130			
Ethylbenzene	11.8	0.50	"	10.0	ND	118	75-120			
Methyl tert-butyl ether	37.5	0.50	"	10.0	25	125	50-140			
Toluene	11.8	0.50	"	10.0	ND	118	75-120			
Xylenes (total)	35.7	0.50	"	30.0	ND	119	75-120			
Surrogate: Dibromofluoromethane	*2.84*		"	*2.50*		*114*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.92*		"	*2.50*		*117*	*60-125*			
Surrogate: Toluene-d8	*2.64*		"	*2.50*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.61*		"	*2.50*		*104*	*60-135*			
Matrix Spike Dup (7E18046-MSD1)	**Source: MQE0419-01**			Prepared: 05/18/07	Analyzed: 05/19/07					
tert-Amyl methyl ether	18.3	0.50	ug/l	10.0	5.4	129	65-135	5	25	
Benzene	11.6	0.50	"	10.0	ND	116	75-120	2	20	
tert-Butyl alcohol	232	20	"	200	ND	116	60-135	0.4	25	
Di-isopropyl ether	10.2	0.50	"	10.0	ND	102	70-130	2	25	
1,2-Dibromoethane (EDB)	13.6	0.50	"	10.0	ND	136	80-135	1	30	LM
1,2-Dichloroethane	13.2	0.50	"	10.0	ND	132	70-125	2	25	LM
Ethanol	210	300	"	200	ND	105	15-150	11	25	
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	65-130	0.9	25	
Ethylbenzene	11.8	0.50	"	10.0	ND	118	75-120	0	20	
Methyl tert-butyl ether	38.2	0.50	"	10.0	25	132	50-140	2	25	
Toluene	12.0	0.50	"	10.0	ND	120	75-120	2	25	
Xylenes (total)	35.8	0.50	"	30.0	ND	119	75-120	0.3	20	
Surrogate: Dibromofluoromethane	*2.86*		"	*2.50*		*114*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.90*		"	*2.50*		*116*	*60-125*			
Surrogate: Toluene-d8	*2.70*		"	*2.50*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.76*		"	*2.50*		*110*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E19016 - EPA 5030B P/T / EPA 8260B										
Blank (7E19016-BLK1)				Prepared & Analyzed: 05/19/07						
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	"							
Surrogate: Dibromofluoromethane	*2.48*		"	*2.50*		*99*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*75-120*			
Surrogate: Toluene-d8	*2.50*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.31*		"	*2.50*		*92*	*60-135*			
Laboratory Control Sample (7E19016-BS1)				Prepared & Analyzed: 05/19/07						
tert-Amyl methyl ether	9.50	0.50	ug/l	10.0		95	65-135			
Benzene	10.5	0.50	"	10.0		105	75-120			
tert-Butyl alcohol	168	20	"	200		84	60-135			
Di-isopropyl ether	9.94	0.50	"	10.0		99	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	"	10.0		104	80-135			
1,2-Dichloroethane	9.84	0.50	"	10.0		98	70-125			
Ethanol	201	300	"	200		100	15-150			
Ethyl tert-butyl ether	9.86	0.50	"	10.0		99	65-130			
Ethylbenzene	10.2	0.50	"	10.0		102	75-120			
Methyl tert-butyl ether	9.40	0.50	"	10.0		94	50-140			
Toluene	10.8	0.50	"	10.0		108	75-120			
Xylenes (total)	30.5	0.50	"	30.0		102	75-120			
Surrogate: Dibromofluoromethane	*2.55*		"	*2.50*		*102*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.36*		"	*2.50*		*94*	*60-125*			
Surrogate: Toluene-d8	*2.58*		"	*2.50*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E19016 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7E19016-MS1)	**Source: MQE0436-02**			Prepared & Analyzed: 05/19/07						
tert-Amyl methyl ether	10.5	0.50	ug/l	10.0	ND	105	65-135			
Benzene	11.2	0.50	"	10.0	ND	112	75-120			
tert-Butyl alcohol	185	20	"	200	ND	92	60-135			
Di-isopropyl ether	10.8	0.50	"	10.0	ND	108	70-130			
1,2-Dibromoethane (EDB)	11.7	0.50	"	10.0	ND	117	80-135			
1,2-Dichloroethane	10.8	0.50	"	10.0	ND	108	70-125			
Ethanol	211	300	"	200	ND	106	15-150			
Ethyl tert-butyl ether	11.0	0.50	"	10.0	ND	110	65-130			
Ethylbenzene	10.9	0.50	"	10.0	ND	109	75-120			
Methyl tert-butyl ether	14.5	0.50	"	10.0	3.2	113	50-140			
Toluene	11.5	0.50	"	10.0	ND	115	75-120			
Xylenes (total)	32.6	0.50	"	30.0	ND	109	75-120			
Surrogate: Dibromofluoromethane	*2.53*		"	*2.50*		*101*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99*	*75-120*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.55*		"	*2.50*		*102*	*60-135*			
Matrix Spike Dup (7E19016-MSD1)	**Source: MQE0436-02**			Prepared & Analyzed: 05/19/07						
tert-Amyl methyl ether	9.92	0.50	ug/l	10.0	ND	99	65-135	6	25	
Benzene	11.1	0.50	"	10.0	ND	111	75-120	0.9	20	
tert-Butyl alcohol	182	20	"	200	ND	91	60-135	2	25	
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	70-130	2	25	
1,2-Dibromoethane (EDB)	11.7	0.50	"	10.0	ND	117	80-135	0	30	
1,2-Dichloroethane	10.8	0.50	"	10.0	ND	108	70-125	0	25	
Ethanol	192	300	"	200	ND	96	15-150	9	25	
Ethyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	65-130	2	25	
Ethylbenzene	10.7	0.50	"	10.0	ND	107	75-120	2	20	
Methyl tert-butyl ether	14.2	0.50	"	10.0	3.2	110	50-140	2	25	
Toluene	11.2	0.50	"	10.0	ND	112	75-120	3	25	
Xylenes (total)	32.2	0.50	"	30.0	ND	107	75-120	1	20	
Surrogate: Dibromofluoromethane	*2.57*		"	*2.50*		*103*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*99*	*75-120*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.61*		"	*2.50*		*104*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E24006 - EPA 5030B P/T / EPA 8260B										
Blank (7E24006-BLK1)				Prepared & Analyzed: 05/24/07						
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	"							
Surrogate: Dibromofluoromethane	*2.23*		"	*2.50*		*89*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.17*		"	*2.50*		*87*	*60-125*			
Surrogate: Toluene-d8	*2.33*		"	*2.50*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.18*		"	*2.50*		*87*	*60-135*			
Laboratory Control Sample (7E24006-BS1)				Prepared & Analyzed: 05/24/07						
tert-Amyl methyl ether	9.31	0.50	ug/l	10.0		93	65-135			
Benzene	9.16	0.50	"	10.0		92	75-120			
tert-Butyl alcohol	205	20	"	200		102	60-135			
Di-isopropyl ether	8.83	0.50	"	10.0		88	70-130			
1,2-Dibromoethane (EDB)	9.99	0.50	"	10.0		100	80-135			
1,2-Dichloroethane	9.44	0.50	"	10.0		94	70-125			
Ethanol	212	300	"	200		106	15-150			
Ethyl tert-butyl ether	9.34	0.50	"	10.0		93	65-130			
Ethylbenzene	9.82	0.50	"	10.0		98	75-120			
Methyl tert-butyl ether	9.37	0.50	"	10.0		94	50-140			
Toluene	10.1	0.50	"	10.0		101	75-120			
Xylenes (total)	29.4	0.50	"	30.0		98	75-120			
Surrogate: Dibromofluoromethane	*2.31*		"	*2.50*		*92*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.34*		"	*2.50*		*94*	*60-125*			
Surrogate: Toluene-d8	*2.30*		"	*2.50*		*92*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-135*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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FAX (408) 782-6308
www.testamericainc.com

Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E24006 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7E24006-MS1)	**Source: MQE0636-10**			Prepared & Analyzed: 05/24/07						
tert-Amyl methyl ether	10.5	0.50	ug/l	10.0	ND	105	65-135			
Benzene	9.69	0.50	"	10.0	ND	97	75-120			
tert-Butyl alcohol	187	20	"	200	ND	94	60-135			
Di-isopropyl ether	9.83	0.50	"	10.0	ND	98	70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0	ND	108	80-135			
1,2-Dichloroethane	10.5	0.50	"	10.0	ND	105	70-125			
Ethanol	198	300	"	200	ND	99	15-150			
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	65-130			
Ethylbenzene	9.27	0.50	"	10.0	ND	93	75-120			
Methyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	50-140			
Toluene	10.5	0.50	"	10.0	ND	105	75-120			
Xylenes (total)	28.3	0.50	"	30.0	ND	94	75-120			
Surrogate: Dibromofluoromethane	*2.40*		"	*2.50*		*96*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.57*		"	*2.50*		*103*	*60-125*			
Surrogate: Toluene-d8	*2.31*		"	*2.50*		*92*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.47*		"	*2.50*		*99*	*60-135*			
Matrix Spike Dup (7E24006-MSD1)	**Source: MQE0636-10**			Prepared & Analyzed: 05/24/07						
tert-Amyl methyl ether	10.7	0.50	ug/l	10.0	ND	107	65-135	2	25	
Benzene	9.76	0.50	"	10.0	ND	98	75-120	0.7	20	
tert-Butyl alcohol	193	20	"	200	ND	96	60-135	3	25	
Di-isopropyl ether	9.54	0.50	"	10.0	ND	95	70-130	3	25	
1,2-Dibromoethane (EDB)	10.5	0.50	"	10.0	ND	105	80-135	3	30	
1,2-Dichloroethane	10.8	0.50	"	10.0	ND	108	70-125	3	25	
Ethanol	159	300	"	200	ND	80	15-150	22	25	
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	65-130	2	25	
Ethylbenzene	10.2	0.50	"	10.0	ND	102	75-120	10	20	
Methyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	50-140	0	25	
Toluene	10.7	0.50	"	10.0	ND	107	75-120	2	25	
Xylenes (total)	31.6	0.50	"	30.0	ND	105	75-120	11	20	
Surrogate: Dibromofluoromethane	*2.31*		"	*2.50*		*92*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.38*		"	*2.50*		*95*	*60-125*			
Surrogate: Toluene-d8	*2.34*		"	*2.50*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.46*		"	*2.50*		*98*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

EPA 8010 list Volatile Organic Compounds by EPA 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E19016 - EPA 5030B P/T / EPA 8260B										
Blank (7E19016-BLK1)				Prepared & Analyzed: 05/19/07						
Tetrachloroethene	ND	0.50	ug/l							
Surrogate: Dibromofluoromethane	*2.48*		"	*2.50*		*99*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-125*			
Surrogate: Toluene-d8	*2.50*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.31*		"	*2.50*		*92*	*60-135*			
Laboratory Control Sample (7E19016-BS1)				Prepared & Analyzed: 05/19/07						
Tetrachloroethene	10.9	0.50	ug/l	10.0		109	70-130			
Surrogate: Dibromofluoromethane	*2.55*		"	*2.50*		*102*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.36*		"	*2.50*		*94*	*60-125*			
Surrogate: Toluene-d8	*2.58*		"	*2.50*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-135*			
Matrix Spike (7E19016-MS1)	**Source: MQE0436-02**			Prepared & Analyzed: 05/19/07						
Tetrachloroethene	11.3	0.50	ug/l	10.0	ND	113	70-130			
Surrogate: Dibromofluoromethane	*2.53*		"	*2.50*		*101*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99*	*60-125*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.55*		"	*2.50*		*102*	*60-135*			
Matrix Spike Dup (7E19016-MSD1)	**Source: MQE0436-02**			Prepared & Analyzed: 05/19/07						
Tetrachloroethene	11.1	0.50	ug/l	10.0	ND	111	70-130	2	25	
Surrogate: Dibromofluoromethane	*2.57*		"	*2.50*		*103*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*99*	*60-125*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.61*		"	*2.50*		*104*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #0276, Oakland, CA	MQE0419
3330 Cameron Park Dr., Suite 550	Project Number: G0C20-0014	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	05/30/07 15:57

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).
CL	Initial analysis within holding time but required dilution
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

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 276

BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>276

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

On-site Time: 12:45	Temp: 80		
Off-site Time: 15:20	Temp: 85		
Sky Conditions: Clear			
Meteorological Events: None			
Wind Speed: 0	Direction:		

Lab Name: TestAmerica	BP/AR Facility No.: 276	Consultant/Contractor: Stratus Environmental, Inc.
Address: 885 Jarvis Drive	BP/AR Facility Address: 10600 MacArthur Blvd., Oakland	Address: 3330 Cameron Park Drive, Suite 550
Morgan Hill, CA 95937	Site Lat/Long:	Cameron Park, CA 95682
Lab PM: Lisa Race	California Global ID #: T0600108312	Consultant/Contractor Project No.: E276-04
Tele/Fax: 408-782-8156 408-782-6308 (fax)	Enfos Project No.: G0C20-0014	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Provision or RCOP (circle one) Provision	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150	Phase/WBS: 04-Monitoring	Report Type & QC Level: Level 1 with EDF
San Ramon, CA	Sub Phase/Task: 03-Analytical	E-mail EDD To: shayes@stratusinc.net
Tele/Fax: 925-275-3506	Cost Element: 01-Contractor labor	Invoice to: Atlantic Richfield Co.

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Water/Liquid	Air		Laboratory No. MQE0419	No. of Containers	Preservative: Unpreserved	H_2SO_4	HNO_3	HCl	Methanol		Requested Analysis: GRO/BTEX/Oxy*	EDB	1,2 DCA	Ethanol by 8260	PCE by 8010						Sample Point Lat/Long and Comments *Oxy = MTBE, TAME, ETBE, DIPE, TBA
1	MW-2	1435			X			01	6				X			X	X	X	X	X						
2	MW-5	1450			X			02	6				X			X	X	X	X	X						
3	MW-8	1420			X			03	6				X			X	X	X	X	X						
4	TB 276 - 5807	500			X			04	2				X			X	X	X	X	X						HOLD
5																										
6																										
7																										
8																										
9																										
10																										

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Jerry Gonzales	[signature]	5/9/07	1315	[signature] STL SAC	5/9/07	1315
Sampler's Company: Douglos Env	[signature]	5/9/07	1600	G. Tiso	5/9/07	1600
Shipment Date:	G. Tiso	5/9/07	2045	Julie Ng.	5/9	2045
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: 4.2 °F/(C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes / No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BP / ARCO (276)
REC. BY (PRINT) JULIE NG.
WORKORDER: MQE0419

DATE REC'D AT LAB: 5/9/07
TIME REC'D AT LAB: 2045
DATE LOGGED IN: 5/9/07

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / (Absent)								
	Intact / Broken*								
2. Chain-of-Custody	(Present) / Absent*								
3 Traffic Reports or Packing List:	Present / (Absent)								
4. Airbill:	Airbill / Sticker								
	(Present) / Absent								
5. Airbill #:	—								
6. Sample Labels:	(Present) / Absent								
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition:	(Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree?	(Yes) / No*								
10. Sample received within hold time?	(Yes) / No*								
11. Adequate sample volume received?	(Yes) / No*								
12. Proper preservatives used?	(Yes) / No*								
13. Trip Blank / Temp Blank Received? (circle which), if yes)	(Yes) / No*								
14. Read Temp:	4.2°C								
Corrected Temp:	↓								
Is corrected temp 4 +/-2°C?	(Yes) / No**								

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / OFF ON ICE or Problem COC

Julie Ng 5/10/07

*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

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**2Q07 GEO_WELL 276**
Facility Global ID:	**T0600100082**
Facility Name:	**ARCO #0276**
Submittal Date/Time:	**6/22/2007 12:03:17 PM**
Confirmation Number:	6738772332

Back to Main Menu

Logged in as BROADBENT-C
(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

Your EDF file has been successfully uploaded!

Confirmation Number: 9218418776
Date/Time of Submittal: 6/22/2007 12:01:18 PM
Facility Global ID: T0600100082
Facility Name: ARCO #0276
Submittal Title: 2Q07 GW Monitoring
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

ARCO #0276	**Regional Board - Case #: 01-0089**
10600 MACARTHUR	SAN FRANCISCO BAY RWQCB (REGION 2)
OAKLAND, CA 94605	**Local Agency (lead agency) - Case #: RO0000831**
	ALAMEDA COUNTY LOP - (BC)

NOTE: THIS DATA WAS SUBMITTED AFTER THE SITE WAS CLOSED

CONF #	TITLE	QUARTER
9218418776	2Q07 GW Monitoring	Q2 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	6/22/2007	PENDING 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 REPORT

METHODS USED	8260FA,8260TPH,SW8260B
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	5
METHOD HOLDING TIME VIOLATIONS	5
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	Y

WATER SAMPLES FOR 8021/8260 SERIES

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

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

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

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.