Atlantic Richfield Company
(a BP affiliated company)

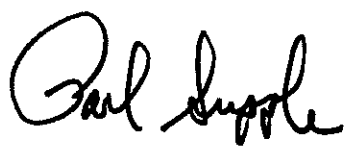
P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
Fax: (925) 275-3815

26 January 2007

Re: Fourth Quarter 2006 Ground-Water Monitoring Report
Atlantic Richfield Company (a BP affiliated company) Station #2111
1156 Davis Street
San Leandro, California
ACEH Case #RO0000494

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

Submitted by:



Paul Supple
Environmental Business Manger

Fourth Quarter 2006 Ground-Water Monitoring Report
Atlantic Richfield Company Station #2111
1156 Davis Street
San Leandro, 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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26 January 2007

Project No. 06-08-615

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
Chico, CA 95926
Voice (530) 566-1400
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BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

26 January 2007 Project No. 06-08-615

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

Attn.: Mr. Paul Supple

Re: Fourth Quarter 2006 Ground-Water Monitoring Report, Atlantic Richfield Company (a BP affiliated company) Station #2111, 1156 Davis Street, San Leandro, California
ACEH Case #RO0000494

Dear Mr. Supple:

Attached is the *Fourth Quarter 2006 Ground-Water Monitoring Report* for Atlantic Richfield Company Station #2111 (herein referred to as Station #2111) located at 1156 Davis Street, San Leandro, California (Property). This report presents results of ground-water monitoring conducted at Station #2111 during the Fourth Quarter 2006.

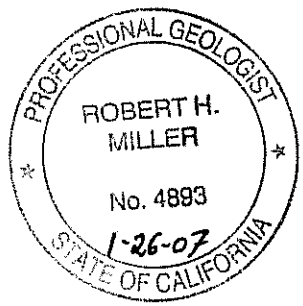
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

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)
Mr. Karl Busche, City of San Leandro Environmental Services Division, 835 East 14th Street, San Leandro, California 94577
Electronic copy uploaded to GeoTracker

STATION #2111 QUARTERLY GROUND-WATER MONITORING REPORT

Facility: #2111 Address:	1156 Davis Street, San Leandro, 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.:	06-08-615
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) ACEH Case #RO0000494
Facility Permits/Permitting Agency:	City of San Leandro Special Discharge Permit SD-036; Bay Area Air Quality Management District Plant 16189

WORK PERFORMED THIS QUARTER (Fourth Quarter 2006):

1. Prepared and submitted Third Quarter 2006 report.
2. Conducted ground-water monitoring/sampling for Fourth Quarter 2006. Work performed on 24 October 2006 by Stratus Environmental, Inc. (Stratus).
3. Continued installation of Dual-Phase Extraction (DPE) treatment system and trouble-shooting.

WORK PROPOSED FOR NEXT QUARTER (First Quarter 2007):

1. Prepared and submitted this Fourth Quarter 2006 Ground-Water Monitoring Report (contained herein).
2. Conduct quarterly ground-water monitoring/sampling for First Quarter 2007.
3. Prepare and submit First Quarter 2007 Report.
4. Complete construction and testing of DPE treatment system.
5. Prepare DPE system startup report.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Ground-Water Monitoring/Sampling/Interim Remediation (DPE system construction and testing in progress)**
Frequency of ground-water monitoring:	**Quarterly: MW-1 through MW-8**
Frequency of ground-water sampling:	**Quarterly: MW-1 through MW-5, MW-7 and MW-8** **Annually (3Q): MW-6**
Is free product (FP) present on-site:	**No**
FP recovered this quarter:	**0 gallons**
Cumulative FP recovered:	**1.44 gallons**
Current remediation techniques:	**Bailing free product as needed from MW-2;** **DPE treatment system under construction.**
Depth to ground water (below TOC):	**14.23 ft (MW-6) to 17.15 ft (MW-1)**
General ground-water flow direction:	**West**
Approximate hydraulic gradient:	**0.003 ft/ft**

DISCUSSION:

Fourth quarter 2006 ground-water monitoring and sampling was conducted at Station #2111 on 24 October 2006 by Stratus personnel. Water levels were gauged in seven of the eight wells at the Site (MW-8 was reportedly inaccessible). Several wells were gauged with treatment system tubing in the well

(MW-2 and MW-7). An unspecified thickness of free product was detected in well MW-2 during water level gauging. Due to treatment system connections the free product in well MW-2 was not measured or removed during Fourth Quarter 2006. Depth to water measurements ranged from 14.23 ft at MW-6 to 17.15 ft at MW-1. Resulting ground-water surface elevations ranged from 23.41 ft above mean sea level in well MW-7 to 22.17 ft at well MW-5. Water level elevations were between historic minimum and maximum ranges for each well, as summarized in Table 1. Water level elevations yielded a potentiometric ground-water flow direction and gradient to the west at approximately 0.003 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. Historic free product thickness and cumulative product recovery from well MW-2 is presented in Table 4. Potentiometric ground-water elevation contours are presented in Drawing 1.

Water samples were collected from five of the seven wells scheduled to be sampled this quarter. Samples were not collected from well MW-2 (because of the presence of free product and treatment system connections) or well MW-8 (reportedly inaccessible). Samples were submitted under chain of custody protocol to Test America Analytical Testing Corporation (Morgan Hill, California), for analysis of Gasoline Range Organics (GRO, C4-12) by the LUFT GCMS Method; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and tert-Amyl methyl ether (TAME), tert-Butyl alcohol (TBA), Di-isopropyl ether (DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Ethanol, Ethyl tert-butyl ether (ETBE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. No significant irregularities were encountered during laboratory analysis of the samples. Ground-water sampling field data sheets and the laboratory analytical report, including chain of custody documentation, are provided in Appendix A.

Gasoline range organics (GRO) were detected above the laboratory reporting limit in three of the five wells sampled at concentrations up to 6,800 micrograms per liter (µg/L) in well MW-7. Benzene was detected above the laboratory reporting limit in two of the five wells sampled at concentrations up to 100 µg/L in well MW-7. Ethylbenzene was detected above the laboratory reporting limit in three of the five wells sampled at concentrations up to 19 µg/L in well MW-1. Total Xylenes were detected above the laboratory reporting limit in two of the five wells sampled at concentrations up to 15 µg/L in well MW-7. TAME was detected above the laboratory reporting limit in four of the five wells sampled at concentrations up to 31 µg/L in well MW-7. TBA was detected above the laboratory reporting limit in two of the five wells sampled at concentrations up to 10,000 µg/L in well MW-7. MTBE was detected above the laboratory reporting limit in each of the five wells sampled at concentrations up to 14,000 µg/L in well MW-7. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the five wells sampled this quarter. Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well, with the following exceptions: MW-4's Ethylbenzene concentration of 2 µg/L was the highest on record, and the MTBE concentration for MW-5 was the lowest on record (17 µg/L). 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, 24 October 2006, Station #2111, 1156 Davis Street, San Leandro, California

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #2111, 1156 Davis St., San Leandro, CA

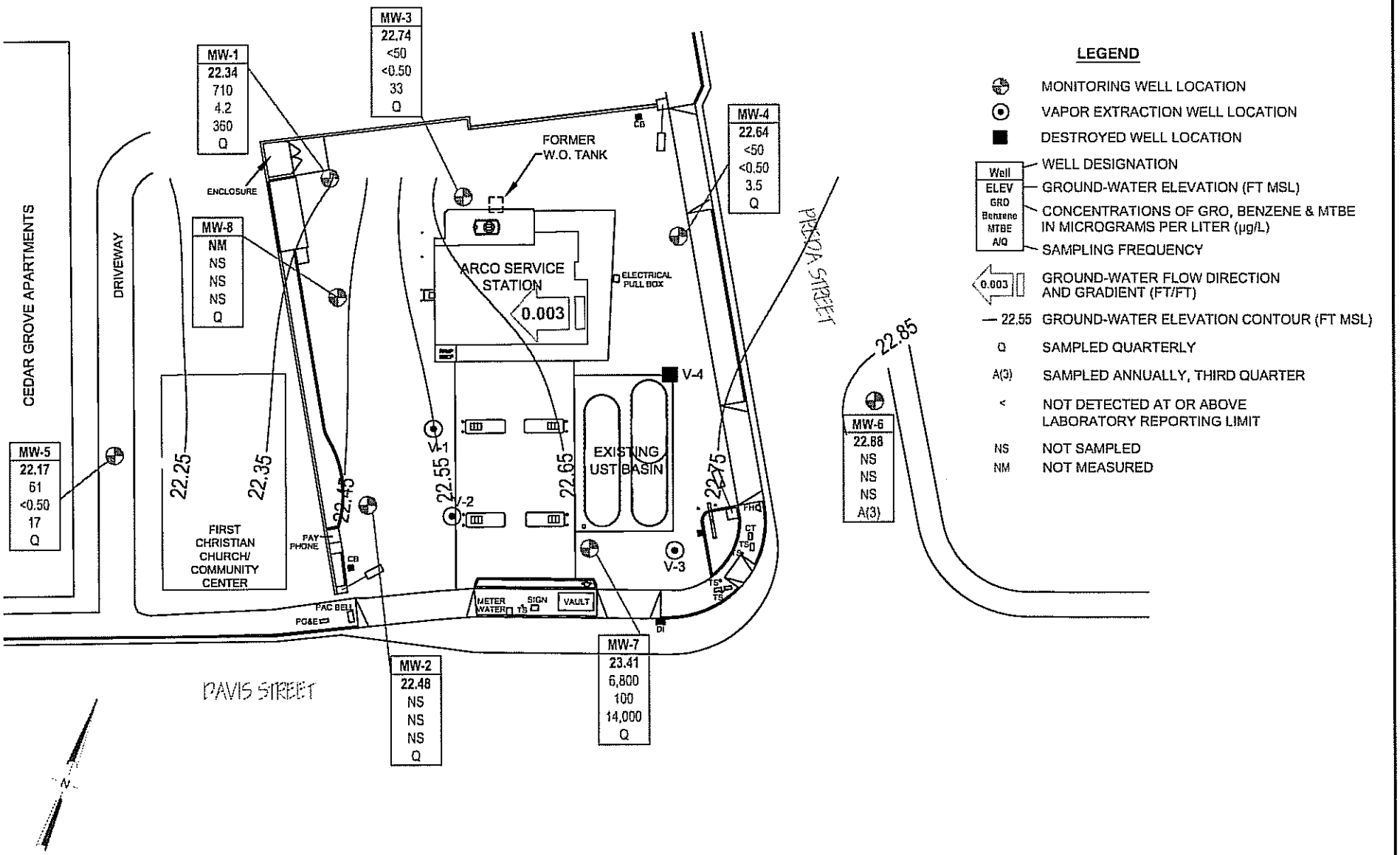
Table 2. Summary of Fuel Additives Analytical Data, Station #2111, 1156 Davis St., San Leandro, CA

Table 3. Historical Ground-Water Flow Direction and Gradient, Station #2111, 1156 Davis St., San Leandro, CA

Table 4. Approximate Cumulative Floating Product Recovered, Station #2111, 1156 Davis Street, San Leandro, CA

Appendix A. Stratus Ground-Water Sampling Data Package (Includes Field Data Sheets and Laboratory Analytical Report with Chain-of-Custody Documentation)

Appendix B. GeoTracker Upload Confirmation



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

0 40 80

SCALE (ft)

BROADBENT & ASSOCIATES, INC.

ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

1324 Mangrove Ave. Suite 212, Chico, California 95926

Project No.: 06-08-615 Date: 12/29/06

Station #2111
1156 Davis Street
San Leandro, California

Ground-Water Elevation Contours and Analytical Summary Map
24 October 2006

Drawing
1

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

Station #2111, 1156 Davis St, San Leandro, 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															
6/26/2000	--		39.60	12.50	26.00	16.46	23.14	--	--	--	--	--	--	--	--
7/20/2000	--		39.60	12.50	26.00	16.89	22.71	360	110	<0.5	<0.5	2.7	2,100	--	--
9/19/2000	--		39.60	12.50	26.00	17.62	21.98	290	76	<0.5	<0.5	2.3	1,500	--	--
12/21/2000	--		39.60	12.50	26.00	17.39	22.21	257	64	2.89	1.31	4.57	1,080/1,060	--	--
3/13/2001	--		39.60	12.50	26.00	15.70	23.90	<500	52.5	<5.0	<5.0	<5.0	1,430/1,370	--	--
9/18/2001	--		39.60	12.50	26.00	18.24	21.36	<500	64	7.3	<5.0	52	810/1,100	--	--
12/28/2001	--		39.60	12.50	26.00	15.95	23.65	<500	<5.0	<5.0	5	22	1,200/1,100	--	--
3/14/2002	--		39.60	12.50	26.00	16.01	23.59	<50	<0.5	<0.5	<0.5	<0.5	34/40	--	--
4/23/2002	--		39.60	12.50	26.00	15.43	24.17	<50	<0.5	<0.5	<0.5	<0.5	30	--	--
7/17/2002	NP		39.60	12.50	26.00	17.50	22.10	<50	1.2	<0.50	<0.50	<0.50	29	6.9	6.9
10/9/2002	--	c	39.60	12.50	26.00	18.27	21.33	240	4.9	<1.0	4.1	7.0	290	6.5	6.5
1/13/2003	--	c	39.60	12.50	26.00	15.37	24.23	760	34	11	17	56	300	6.8	6.8
04/07/03	--		39.60	12.50	26.00	16.61	22.99	<50	<0.50	<0.50	<0.50	<0.50	22	6.8	6.8
7/9/2003	--		39.60	12.50	26.00	17.27	22.33	<2,500	<25	<25	<25	<25	690	6.7	6.7
02/05/2004	NP	m	39.49	12.50	26.00	16.28	23.21	2,800	31	<25	<25	<25	1,100	0.9	6.5
04/05/2004	NP		39.49	12.50	26.00	16.25	23.24	5,800	46	<25	<25	<25	1,700	1.0	--
07/13/2004	NP		39.49	12.50	26.00	17.57	21.92	<1,000	<10	<10	<10	<10	730	0.5	6.6
11/04/2004	NP		39.49	12.50	26.00	17.78	21.71	560	<5.0	<5.0	<5.0	<5.0	380	0.8	6.5
01/20/2005	NP		39.49	12.50	26.00	15.50	23.99	670	<5.0	<5.0	<5.0	<5.0	570	0.6	6.0
04/11/2005	NP		39.49	12.50	26.00	14.82	24.67	<2,500	<25	<25	<25	25	1,100	0.9	6.9
08/01/2005	NP		39.49	12.50	26.00	16.77	22.72	2,200	33	<10	110	<10	1,400	1.27	7.3
10/21/2005	NP		39.49	12.50	26.00	17.71	21.78	<2,500	<25	<25	<25	<25	970	1.17	6.6
01/18/2006	NP	n	39.49	12.50	26.00	14.70	24.79	300	<2.5	<2.5	<2.5	<2.5	330	1.07	6.6
04/14/2006	NP		39.49	12.50	26.00	13.41	26.08	330	<2.5	<2.5	<2.5	<2.5	310	0.79	6.6
7/19/2006	NP	q	39.49	12.50	26.00	15.86	23.63	<250	<2.5	<2.5	<2.5	<2.5	180	1.2	6.7
10/24/2006	P		39.49	12.50	26.00	17.15	22.34	710	4.2	<2.5	19	13	360	--	6.68
MW-2															
6/26/2000	--	a	37.99	12.0	26.00	14.60	23.39	--	--	--	--	--	--	--	
7/20/2000	--		37.99	12.0	26.00	15.14	22.85	95,000	2,300	18,000	2,500	19,000	13,000	--	--
9/19/2000	--		37.99	12.0	26.00	15.95	22.04	63,000	1,200	6,300	2,000	14,000	19,000	--	--

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

Station #2111, 1156 Davis St, San Leandro, 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.															
12/21/2000	--		37.99	12.0	26.00	15.60	22.39	45,900	--	2,130	1,160	9,460	22,400/24,700	--	--
12/21/00	--	b	37.99	12.0	26.00	--	--	5,010	360	189	213	626	54,300/89,200	--	--
3/13/2001	--	b	37.99	12.0	26.00	--	--	<20,000	525	466	408	1,460	91,700/76,000	--	--
3/13/2001	--		37.99	12.0	26.00	13.77	24.22	3,650	98.1	<5.0	<5.0	6.42	3,590/3,260	--	--
9/18/2001	--	a	37.99	12.0	26.00	16.86	21.13	--	--	--	--	--	--	--	--
12/28/2001	--		37.99	12.0	26.00	14.28	23.71	31,000	1,500	3,800	1,300	4,800	9,300/8,800	--	--
3/14/2002	--		37.99	12.0	26.00	14.15	23.84	1,800	25	43	43	270	990/960	--	--
4/23/2002	--		37.99	12.0	26.00	13.60	24.39	9,000	220	110	470	2,500	8,500	--	--
7/17/2002	NP	a, c	37.99	12.0	26.00	15.75	22.24	74,000	280	290	820	10,000	19,000/0.4	6.8	6.8
10/9/02	NP	g	37.99	12.0	26.00	16.69	21.30	--	--	--	--	--	--	--	--
1/13/03	--	g, h	37.99	12.0	26.00	13.59	24.40	--	--	--	--	--	--	--	--
04/07/03	--	g, h	37.99	12.0	26.00	14.70	23.29	--	--	--	--	--	--	--	--
07/09/03	--	g, h	37.99	12.0	26.00	15.48	22.51	--	--	--	--	--	--	--	--
02/05/2004	NP	g,m	37.86	12.0	26.00	14.43	23.43	--	--	--	--	--	--	--	--
04/05/2004	NP		37.86	12.0	26.00	14.35	23.51	2,300	33	<5.0	<5.0	200	750	0.6	--
07/13/2004	NP		37.86	12.0	26.00	15.79	22.07	59,000	380	<50	2,100	7,900	5,800	0.3	6.4
08/31/2004	--		37.86	12.0	26.00	15.89	21.97	--	--	--	--	--	--	--	--
11/04/2004	--	g, h	37.86	12.0	26.00	15.92	21.94	--	--	--	--	--	--	--	--
01/20/2005	NP	o	37.86	12.0	26.00	13.71	24.15	30,000	450	<50	1,300	3,300	7,000	0.7	6.2
04/11/2005	NP		37.86	12.0	26.00	12.70	25.16	11,000	170	<50	580	630	2,700	0.9	6.8
08/01/2005	NP		37.86	12.0	26.00	14.89	22.97	24,000	170	<50	1,100	2,700	2,700	0.64	6.9
10/21/2005	--	n	37.86	12.0	26.00	16.05	21.81	--	--	--	--	--	--	--	--
01/18/2006	NP	n	37.86	12.0	26.00	12.81	25.05	21,000	71	<50	470	1,400	1,600	1.18	6.6
04/14/2006	NP	n	37.86	12.0	26.00	12.24	25.62	7,800	78	<50	94	130	2,100	0.81	6.7
7/19/2006	NP	q	37.86	12.0	26.00	14.00	23.86	4,900	31	<10	98	75	930	1.1	6.5
10/24/2006	--	g	37.86	12.0	26.00	15.38	22.48	--	--	--	--	--	--	--	6.45
MW-3															
6/26/2000	--		39.32	12.00	26.00	15.96	23.36	--	--	--	--	--	--	--	NA
7/20/2000	--		39.32	12.00	26.00	16.42	22.90	<50	<0.5	<0.5	<0.5	<1.0	130	--	--
9/19/2000	--		39.32	12.00	26.00	17.18	22.14	190	17	<0.5	1.4	2.4	160	--	--

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

Station #2111, 1156 Davis St, San Leandro, 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.															
12/21/2000	--		39.32	12.00	26.00	16.97	22.35	187	17.8	<0.5	2.47	2.5	143/125	--	--
3/13/2001	--		39.32	12.00	26.00	15.17	24.15	72.4	2.83	<0.5	<0.5	<0.5	126/122	--	--
9/18/2001	--		39.32	12.00	26.00	17.81	21.51	140	6.4	<0.5	3.5	1.6	110/75	--	--
12/28/2001	--		39.32	12.00	26.00	15.44	23.88	130	5.9	<0.5	0.99	0.55	90/63	--	--
3/14/2002	--		39.32	12.00	26.00	15.50	23.82	<50	<0.5	<0.5	<0.5	<0.5	100/88	--	--
4/23/2002	--		39.32	12.00	26.00	14.96	24.36	<50	<0.5	<0.5	<0.5	<0.5	77	--	--
7/17/2002	NP		39.32	12.00	26.00	17.09	22.23	<50	<0.50	<0.50	<0.50	<0.50	47	7.2	7.2
10/9/2002	NP		39.32	12.00	26.00	17.87	21.45	<50	<0.50	<0.50	<0.50	<0.50	26/29	7.2	7.2
1/13/2003	NP	l	39.32	12.00	26.00	14.78	24.54	<50	<0.50	<0.50	<0.50	<0.50	59	6.8	6.8
04/07/03	NP		39.32	12.00	26.00	16.15	23.17	88	<0.50	<0.50	<0.50	<0.50	75	7.0	7.0
7/9/2003	--		39.32	12.00	26.00	16.79	22.53	100	<0.50	<0.50	<0.50	<0.50	52	6.5	6.5
02/05/2004	NP	m	39.19	12.00	26.00	15.66	23.53	240	<0.50	<0.50	<0.50	<0.50	37	0.5	--
04/05/2004	NP		39.19	12.00	26.00	15.78	23.41	140	<0.50	<0.50	<0.50	0.60	53	1.0	6.6
07/13/2004	NP		39.19	12.00	26.00	17.20	21.99	120	<0.50	<0.50	<0.50	<0.50	35	0.8	6.7
11/04/2004	NP		39.19	12.00	26.00	17.32	21.87	160	<0.50	<0.50	<0.50	<0.50	25	0.8	6.5
01/20/2005	NP		39.19	12.00	26.00	15.07	24.12	160	<0.50	<0.50	<0.50	<0.50	27	0.6	6.1
04/11/2005	NP		39.19	12.00	26.00	14.24	24.95	<50	<0.50	<0.50	<0.50	<0.50	21	0.6	6.1
08/01/2005	NP		39.19	12.00	26.00	16.29	22.90	<50	<0.50	<0.50	<0.50	<0.50	23	1.04	7.2
10/21/2005	NP		39.19	12.00	26.00	17.41	21.78	88	<0.50	<0.50	<0.50	<0.50	19	1.9	6.6
01/18/2006	NP		39.19	12.00	26.00	13.80	25.39	73	<0.50	<0.50	<0.50	<0.50	13	1.13	6.6
04/14/2006	NP		39.19	12.00	26.00	12.55	26.64	<50	<0.50	<0.50	<0.50	<0.50	6.7	0.71	6.6
7/19/2006	NP	q	39.19	12.00	26.00	15.04	24.15	<50	<0.50	<0.50	<0.50	<0.50	11	2.0	6.6
10/24/2006	**P**		**39.19**	**12.00**	**26.00**	**16.45**	**22.74**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**33**	**--**	**6.77**
MW-4															
6/26/2000	--		38.10	10.0	24.00	14.59	23.51	--	--	--	--	--	--	--	NA
7/20/2000	--		38.10	10.0	24.00	15.04	23.06	97	7.9	<0.5	<0.5	1.1	51	--	--
9/19/2000	--		38.10	10.0	24.00	15.83	22.27	110	7	<0.5	<0.5	<1.0	60	--	--
12/21/2000	--		38.10	10.0	24.00	15.59	22.51	120	5.6	<0.5	1.72	<0.5	46.3/48.6	--	--
3/13/2001	--		38.10	10.0	24.00	13.73	24.37	76	0.796	<0.5	<0.5	<0.5	53.7/50	--	--
9/18/2001	--		38.10	10.0	24.00	16.50	21.60	<50	<0.5	<0.5	<0.5	<0.5	25/26	--	--

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

Station #2111, 1156 Davis St, San Leandro, 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.															
12/28/2001	--		38.10	10.0	24.00	14.03	24.07	<50	<0.5	<0.5	<0.5	<0.5	15/11	--	--
3/14/2002	--		38.10	10.0	24.00	14.10	24.00	<50	<0.5	<0.5	<0.5	<0.5	31/28	--	--
4/23/2002	--		38.10	10.0	24.00	13.57	24.53	<50	2.8	<0.5	<0.5	<0.5	42	--	--
7/17/2002	NP		38.10	10.0	24.00	15.76	22.34	<50	<0.50	<0.50	<0.50	<0.50	16	7.1	7.1
10/9/2002	NP		38.10	10.0	24.00	16.59	21.51	<50	2.2	<0.50	<0.50	<0.50	20/23	7.1	7.1
1/13/2003	NP	d	38.10	10.0	24.00	13.43	24.67	52	<0.50	1.6	<0.50	<0.50	22	6.6	6.6
04/07/03	NP		38.10	10.0	24.00	14.74	23.36	65	<0.50	<0.50	<0.50	<0.50	24	6.6	6.6
7/9/2003	--		38.10	10.0	24.00	15.44	22.66	120	<0.50	<0.50	<0.50	<0.50	34	6.6	6.6
02/05/2004	NP	m	37.99	10.0	24.00	14.39	23.60	120	<0.50	<0.50	<0.50	<0.50	22	0.5	6.6
04/05/2004	NP		37.99	10.0	24.00	14.37	23.62	110	<0.50	<0.50	<0.50	<0.50	27	1.1	6.5
07/13/2004	NP		37.99	10.0	24.00	15.96	22.03	77	<0.50	<0.50	<0.50	<0.50	27	0.6	6.6
11/04/2004	NP		37.99	10.0	24.00	16.02	21.97	<50	<0.50	<0.50	<0.50	<0.50	19	1.2	6.7
01/20/2005	NP		37.99	10.0	24.00	13.72	24.27	65	<0.50	<0.50	<0.50	<0.50	18	0.6	6.1
04/11/2005	NP		37.99	10.0	24.00	12.80	25.19	51	<0.50	<0.50	<0.50	<0.50	14	0.7	6.2
08/01/2005	NP		37.99	10.0	24.00	14.88	23.11	<50	<0.50	<0.50	<0.50	<0.50	18	1.46	7.3
10/21/2005	NP		37.99	10.0	24.00	15.01	22.98	<50	<0.50	<0.50	<0.50	<0.50	15	1.24	7.6
01/18/2006	NP		37.99	10.0	24.00	12.92	25.07	<50	<0.50	<0.50	<0.50	<0.50	8.9	0.77	6.5
04/14/2006	NP		37.99	10.0	24.00	11.41	26.58	<50	<0.50	<0.50	<0.50	<0.50	4.2	0.84	6.6
7/19/2006	NP		37.99	10.0	24.00	13.86	24.13	<50	<0.50	<0.50	<0.50	<0.50	3.4	1.0	6.7
10/24/2006	P		37.99	10.0	24.00	15.35	22.64	<50	<0.50	<0.50	2.0	<0.50	3.5	--	6.90
MW-5															
6/26/2000	--		37.21	9.50	23.50	14.27	22.94	--	--	--	--	--	--	--	
7/20/2000	--		37.21	9.50	23.50	14.69	22.52	55	<0.5	<0.5	<0.5	<1.0	14,000	--	--
9/19/2000	--		37.21	9.50	23.50	15.36	21.85	54	<0.5	<0.5	<0.5	<1.0	13,000	--	--
12/21/2000	--		37.21	9.50	23.50	15.15	22.06	72.9	2.51	<0.5	<0.5	0.961	19,200/21,200	--	--
3/13/2001	--		37.21	9.50	23.50	13.50	23.71	<500	<5	<5	<5	<5	15,900/20,000	--	--
9/18/2001	--		37.21	9.50	23.50	15.94	21.27	<10,000	<100	<100	<100	<1,000	22,000/20,000	--	--
12/28/2001	--		37.21	9.50	23.50	13.45	23.76	<10,000	<100	<100	<100	<100	10,000/10,000	--	--
3/14/2002	--		37.21	9.50	23.50	13.82	23.39	<5,000	<50	<50	<50	<50	7,100/7,700	--	--
4/23/2002	--		37.21	9.50	23.50	13.25	23.96	<5,000	<50	<50	<50	<50	8,900	--	--

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

Station #2111, 1156 Davis St, San Leandro, 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.															
7/17/2002	NP	d	37.21	9.50	23.50	15.27	21.94	7,900	<50	<50	<50	<50	13,000	7.5	7.5
10/9/2002	NP	e	37.21	9.50	23.50	16.02	21.19	2,400	<20	<20	<20	<20	7,300/7,500	6.7	6.7
1/13/2003	NP	e, k, j	37.21	9.50	23.50	13.20	24.01	6,400	<50	<50	<50	<50	8,900	6.8	6.8
04/07/03	NP		37.21	9.50	23.50	14.42	22.79	<10,000	<100	<100	<100	<100	9,700	6.8	6.8
7/9/2003	--		37.21	9.50	23.50	15.01	22.20	11,000	<50	<50	<50	<50	6,500	6.9	6.9
02/05/2004	NP	m	37.12	9.50	23.50	14.10	23.02	8,100	<50	<50	<50	<50	7,900	1.5	--
04/05/2004	NP		37.12	9.50	23.50	14.14	22.98	4,000	<25	<25	<25	<25	2,000	1.0	6.6
07/13/2004	NP		37.12	9.50	23.50	15.37	21.75	<5,000	<50	<50	<50	<50	4,000	0.8	6.7
11/04/2004	NP		37.12	9.50	23.50	15.53	21.59	7,400	<50	<50	<50	<50	6,300	3.5	6.7
01/20/2005	NP	n	37.12	9.50	23.50	13.51	23.61	6,500	<50	<50	<50	<50	6,900	0.7	6.5
04/11/2005	NP		37.12	9.50	23.50	12.75	24.37	<5,000	<50	<50	<50	<50	2,600	0.5	7.0
08/01/2005	NP		37.12	9.50	23.50	14.59	22.53	110	<1.0	<1.0	<1.0	<1.0	130	1.36	7.5
10/21/2005	NP		37.12	9.50	23.50	15.57	21.55	<250	<2.5	<2.5	<2.5	<2.5	86	1.53	6.8
01/18/2006	NP		37.12	9.50	23.50	12.60	24.52	<250	<2.5	<2.5	<2.5	<2.5	100	1.2	6.7
04/14/2006	NP		37.12	9.50	23.50	11.74	25.38	310	<2.5	<2.5	<2.5	<2.5	240	0.93	6.6
7/19/2006	NP		37.12	9.50	23.50	13.78	23.34	<50	<2.5	<2.5	<2.5	<2.5	84	1.2	6.6
10/24/2006	**P**		**37.12**	**9.50**	**23.50**	**14.95**	**22.17**	**61**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**17**	**--**	**6.69**
MW-6															
6/26/2000	--		37.11	10.00	25.00	13.46	23.65	--	--	--	--	--	--	--	NA
7/20/2000	--		37.11	10.00	25.00	13.94	23.17	<50	<0.5	<0.5	<0.5	<1.0	<3.0	--	--
9/19/2000	--		37.11	10.00	25.00	14.41	22.70	<50	<0.5	<0.5	<0.5	<1.0	<3.0	--	--
12/21/2000	--		37.11	10.00	25.00	14.53	22.58	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/13/2001	--		37.11	10.00	25.00	12.67	24.44	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
9/18/2001	--		37.11	10.00	25.00	15.42	21.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0	--	--
12/28/2001	--		37.11	10.00	25.00	12.96	24.15	<50	<0.5	<0.5	<0.5	<0.5	12/<0.5	--	--
3/14/2002	--		37.11	10.00	25.00	12.98	24.13	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
4/23/2002	--		37.11	10.00	25.00	12.44	24.67	<50	<0.5	<0.5	<0.5	<0.5	3.1	--	--
7/17/2002	NP		37.11	10.00	25.00	14.65	22.46	<50	<0.50	<0.50	<0.50	<0.50	<2.5	7.3	7.3
10/9/2002	NP		37.11	10.00	25.00	15.51	21.60	<50	<0.50	<0.50	<0.50	<0.50	<2.5	7.1	7.1
1/13/2003	NP		37.11	10.00	25.00	12.27	24.84	<50	<0.50	<0.50	<0.50	<0.50	<2.5	6.8	6.8

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								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-6 Cont.															
04/07/03	NP		37.11	10.00	25.00	13.61	23.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	6.6
7/9/2003	--		37.11	10.00	25.00	14.34	22.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7	7.0
02/05/2004	--	m	37.11	10.00	25.00	13.38	23.73	--	--	--	--	--	--	--	--
04/05/2004	--		37.11	10.00	25.00	13.31	23.80	--	--	--	--	--	--	--	--
07/13/2004	NP		37.11	10.00	25.00	14.65	22.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7	6.8
11/04/2004	--		37.11	10.00	25.00	14.95	22.16	--	--	--	--	--	--	--	--
01/20/2005	--		37.11	10.00	25.00	12.57	24.54	--	--	--	--	--	--	--	--
04/11/2005	--		37.11	10.00	25.00	12.05	25.06	--	--	--	--	--	--	--	--
08/01/2005	NP		37.11	10.00	25.00	13.79	23.32	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.15	7.6
10/21/2005	--		37.11	10.00	25.00	14.60	22.51	--	--	--	--	--	--	--	--
01/18/2006	--		37.11	10.00	25.00	11.80	25.31	--	--	--	--	--	--	--	--
04/14/2006	--		37.11	10.00	25.00	10.92	26.19	--	--	--	--	--	--	--	--
7/19/2006	NP		37.11	10.00	25.00	12.92	24.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.9
10/24/2006	--		37.11	10.00	25.00	14.23	22.88	--	--	--	--	--	--	--	--
MW-7															
6/26/2000	--		38.68	12.0	27.00	14.34	24.34	--	--	--	--	--	--	--	
7/20/2000	--		38.68	12.0	27.00	15.26	23.42	14,000	5.4	<0.5	2.8	5.9	71,000	--	--
9/19/2000	--		38.68	12.0	27.00	15.70	22.98	8,400	420	38	470	220	5,600	--	--
12/21/2000	--		38.68	12.0	27.00	16.02	22.66	--	--	--	--	--	--	--	--
3/13/2001	--		38.68	12.0	27.00	14.18	24.50	<2,000	154	63	46.3	127	75,000/160,00	--	--
9/18/2001	--		38.68	12.0	27.00	17.02	21.66	<100,000	1,900	<1,000	<1,000	2,800	90,000/370,00	--	--
12/28/2001	--		38.68	12.0	27.00	14.81	23.87	<20,000	<200	<200	<200	<200	84,000/72,000	--	--
3/14/2002	--		38.68	12.0	27.00	14.60	24.08	<50,000	<500	<500	<500	<500	85,000/85,000	--	--
4/23/2002	--		38.68	12.0	27.00	13.94	24.74	<20,000	530	200	220	800	67,000	--	--
7/17/2002	NP	d	38.68	12.0	27.00	16.27	22.41	26,000	720	<250	<250	860	120,000	6.9	6.9
10/9/2002	NP	d	38.68	12.0	27.00	17.16	21.52	110,000	1,500	4,400	820	5,400	7,000/120,000	6.8	6.8
1/13/2003	NP	f	38.68	12.0	27.00	13.82	24.86	<50,000	<500	<500	<500	2,200	33,000	6.6	6.6
04/07/03	NP		38.68	12.0	27.00	14.52	24.16	<2,500	30	<25	<25	<25	710	7.0	7.0
7/9/2003	--		38.68	12.0	27.00	15.97	22.71	66,000	<500	<500	<500	<500	36,000	6.7	6.7
02/05/2004	NP	m	38.54	12.0	27.00	14.75	23.79	55,000	300	<250	<250	<250	34,000	1.0	6.7

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								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-7 Cont.															
04/05/2004	NP		38.54	12.0	27.00	14.63	23.91	62,000	520	<250	<250	380	37,000	1.0	6.7
07/13/2004	NP		38.54	12.0	27.00	16.31	22.23	<100,000	<1,000	<1,000	<1,000	<1,000	56,000	0.7	6.7
11/04/2004	--		38.54	12.0	27.00	16.46	22.08	70,000	<500	<500	<500	<500	71,000	2.0	6.6
01/20/2005	NP	n	38.54	12.0	27.00	14.05	24.49	34,000	<250	<250	<250	<250	36,000	0.6	6.3
04/11/2005	NP		38.54	12.0	27.00	12.55	25.99	<2,500	46	<25	<25	<25	1,200	0.7	6.8
08/01/2005	NP		38.54	12.0	27.00	15.11	23.43	<25,000	<250	<250	<250	<250	4,800	1.78	7.3
10/21/2005	NP	p	38.54	12.0	27.00	15.65	22.89	14,000	350	<100	<100	110	12,000	1.41	6.6
01/18/2006	NP		38.54	12.0	27.00	12.60	25.94	16,000	310	<100	<100	110	13,000	0.87	6.7
04/14/2006	NP		38.54	12.0	27.00	12.09	26.45	<10,000	<100	<100	<100	<100	4,700	0.88	6.9
7/19/2006	NP	q	38.54	12.0	27.00	13.58	24.96	1,300	23	<10	18	26	1,600	1.1	6.8
10/24/2006	**P**		**38.54**	**12.0**	**27.00**	**15.13**	**23.41**	**6,800**	**100**	**<5.0**	**16**	**15**	**14,000**	**--**	**6.93**
MW-8															
02/05/2004	P	m	38.91	--	--	15.61	23.30	3,600	<25	<25	<25	<25	1,900	6.9	6.8
04/05/2004	P		38.91	--	--	15.64	23.27	1,900	<10	<10	<10	<10	1,200	3.2	6.7
07/13/2004	P		38.91	--	--	17.22	21.69	<1,000	<10	<10	<10	<10	760	1.6	6.7
11/04/2004	P		38.91	--	--	17.19	21.72	960	<5.0	<5.0	<5.0	<5.0	820	1.8	6.7
01/20/2005	P		38.91	--	--	15.25	23.66	<2,500	<25	<25	<25	<25	1,400	1.5	6.4
04/11/2005	P		38.91	--	--	14.17	24.74	700	<5.0	<5.0	<5.0	<5.0	610	1.1	7.1
08/01/2005	P		38.91	--	--	16.10	22.81	<1,000	<10	<10	<10	<10	900	2.58	7.7
10/21/2005	P	n	38.91	--	--	17.18	21.73	530	<5.0	<5.0	<5.0	<5.0	490	1.4	6.7
01/18/2006	P		38.91	--	--	13.60	25.31	<500	<5.0	<5.0	<5.0	<5.0	500	2.28	6.6
04/14/2006	P		38.91	--	--	12.36	26.55	<500	<5.0	<5.0	<5.0	<5.0	300	1.97	6.6
7/19/2006	P		38.91	--	--	14.75	24.16	4,500	<25	<25	<25	<25	4,200	1.2	6.6
10/24/2006	**--**	**s**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

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

FOOTNOTES:
a = Product sheen noted.
b = Well was sampled after batch extraction event.
c = Chromatogram Pattern: Gasoline C6-C10 for GRO/TPH-g.
d = Hydrocarbon pattern was present in the requested fuel quantitation range but did not resemble the pattern of the requested fuel for GRO/TPH-g.
e = Discrete peak @C6-C7 for GRO/TPH-g.
f = This sample was analyzed beyond the EPA recommended holding time for TPH-g, benzene, toluene, ethylbenzene, and total xylenes (BTEX), and MTBE. The results may still be useful for their intended purpose.
g = Well not sampled due to the detection of free product (FP).
h = GWE adjusted for FP: (thickness of FP x 0.8) + measured GWE.
j = The closing calibration for benzene and total xylenes was outside acceptance limits by 1%. This should be considered in evaluating the result. The average % difference for all analytes met the 15% requirement and the QC suggested that calibration linearity was not a factor.
k = The closing calibration was outside acceptance limits by 6%. This should be considered in evaluating the result. The average % difference for all analytes met the 15% requirement and the QC suggested that calibration linearity was not a factor.
l = Toluene and MTBE were not confirmed using a secondary column in accordance to client contract.
m = TOC elevations re-surveyed to NAVD '88 on February 23, 2004.
n = Hydrocarbon result for GRO partly due to indiv. peak(s) in quantitative range.
o = Light to moderate sheen.
p = Result for MTBE partly due to individual peak(s) in quant. range.
q = Gauged with tubing in well.
r = Calib. verif. is within method limits but outside contract limits.
s = well inaccessible

NOTES:
Beginning with the second quarter 2003 sampling event (04/07/03), TPH-g, BTEX, and MTBE analyzed by EPA method 8260B. Prior to 04/07/03, TPH-g was analyzed by EPA method 8015 modified and MTBE was analyzed by EPA methods 8020/ 8260B.

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

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

Values for DO and pH were obtained through field measurements.

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

Table 2. Summary of Fuel Additives Analytical Data

Station #2111, 1156 Davis St, San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-1									
4/7/2003	<100	<20	1,100	<0.50	<0.50	<0.50	--	--	
7/9/2003	<5,000	<1,000	690	<25	<25	<25	--	--	
02/05/2004	<5,000	<1,000	1,100	<25	<25	32	<25	<25	
04/05/2004	<5,000	<1,000	1,700	<25	<25	38	<25	<25	a
07/13/2004	<2,000	780	730	<10	<10	19	<10	<10	a
11/04/2004	<1,000	<200	380	<5.0	<5.0	12	<5.0	<5.0	
01/20/2005	<1,000	<200	570	<5.0	<5.0	17	<5.0	<5.0	a
04/11/2005	<5,000	<1,000	1,100	<25	<25	34	<25	<25	
08/01/2005	<2,000	<400	1,400	<10	<10	40	<10	<10	
10/21/2005	<5,000	<1,000	970	<25	<25	<25	<25	<25	
01/18/2006	<1,500	<100	330	<2.5	<2.5	9.7	<2.5	<2.5	
04/14/2006	<1,500	<100	310	<2.5	<2.5	9.3	<2.5	<2.5	
7/19/2006	<1,500	<100	180	<2.5	<2.5	3.2	<2.5	<2.5	
10/24/2006	<1,500	<100	360	<2.5	<2.5	10	<2.5	<2.5	
MW-2									
04/05/2004	<1,000	<200	750	<5.0	<5.0	<5.0	<5.0	<5.0	
07/13/2004	<10,000	12,000	5,800	<50	<50	<50	<50	<50	a
08/31/2004	--	--	--	--	--	--	--	--	a
01/20/2005	<10,000	<2,000	7,000	<50	<50	<50	<50	<50	a
04/11/2005	<10,000	<2,000	2,700	<50	<50	<50	<50	<50	
08/01/2005	<10,000	<2,000	2,700	<50	<50	<50	<50	<50	
01/18/2006	<30,000	<2,000	1,600	<50	<50	<50	<50	<50	
04/14/2006	<30,000	<2,000	2,100	<50	<50	<50	<50	<50	
7/19/2006	<6,000	<400	930	<10	<10	<10	<10	<10	
MW-3									
4/7/2003	<100	<20	75	<0.50	<0.50	6.5	--	--	
7/9/2003	<100	<20	52	<0.50	<0.50	4.2	--	--	
02/05/2004	<100	<20	37	<0.50	<0.50	3.1	<0.50	<0.50	
04/05/2004	<100	<20	53	<0.50	<0.50	3.7	<0.50	<0.50	a
07/13/2004	<100	44	35	<0.50	<0.50	3.2	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data

Station #2111, 1156 Davis St, San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-3 Cont.									
11/04/2004	<100	<20	25	<0.50	<0.50	2.2	<0.50	<0.50	
01/20/2005	<100	<20	27	<0.50	<0.50	2.6	<0.50	<0.50	
04/11/2005	<100	<20	21	<0.50	<0.50	2.0	<0.50	<0.50	
08/01/2005	<100	<20	23	<0.50	<0.50	1.9	<0.50	<0.50	
10/21/2005	<100	<20	19	<0.50	<0.50	2.0	<0.50	<0.50	
01/18/2006	<300	<20	13	<0.50	<0.50	1.3	<0.50	<0.50	
04/14/2006	<300	<20	6.7	<0.50	<0.50	0.61	<0.50	<0.50	
7/19/2006	<300	<20	11	<0.50	<0.50	0.72	<0.50	<0.50	r
10/24/2006	<300	<20	33	<0.50	<0.50	2.8	<0.50	<0.50	
MW-4									
4/7/2003	<100	<20	24	<0.50	<0.50	7.3	--	--	
7/9/2003	<100	<20	34	<0.50	<0.50	9.8	--	--	
02/05/2004	<100	<20	22	<0.50	<0.50	6.2	<0.50	<0.50	
04/05/2004	<100	<20	27	<0.50	<0.50	7.2	<0.50	<0.50	p
07/13/2004	<100	26	27	<0.50	<0.50	7.4	<0.50	<0.50	a
11/04/2004	<100	<20	19	<0.50	<0.50	5.1	<0.50	<0.50	
01/20/2005	<100	<20	18	<0.50	<0.50	5.2	<0.50	<0.50	
04/11/2005	<100	<20	14	<0.50	<0.50	4.0	<0.50	<0.50	
08/01/2005	<100	<20	18	<0.50	<0.50	3.9	<0.50	<0.50	
10/21/2005	<100	<20	15	<0.50	<0.50	4.6	<0.50	<0.50	
01/18/2006	<300	<20	8.9	<0.50	<0.50	2.5	<0.50	<0.50	
04/14/2006	<300	<20	4.2	<0.50	<0.50	1.3	<0.50	<0.50	
7/19/2006	<300	<20	3.4	<0.50	<0.50	0.69	<0.50	<0.50	r
10/24/2006	<300	<20	3.5	<0.50	<0.50	0.91	<0.50	<0.50	
MW-5									
4/7/2003	<20,000	<4,000	3,700	<100	<100	<100	--	--	
7/9/2003	<10,000	<2,000	6,500	<50	<50	<50	--	--	
02/05/2004	<10,000	<2,000	7,900	<50	<50	<50	<50	<50	a
04/05/2004	<5,000	<1,000	2,000	<25	<25	<25	<25	<25	a
07/13/2004	<10,000	3,200	4,000	<50	<50	<50	<50	<50	a

Table 2. Summary of Fuel Additives Analytical Data

Station #2111, 1156 Davis St, San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-5 Cont.									
11/04/2004	<10,000	<2,000	6,300	<50	<50	<50	<50	<50	
01/20/2005	<10,000	<2,000	6,900	<50	<50	<50	<50	<50	a
04/11/2005	<10,000	3,600	2,600	<50	<50	<50	<50	<50	
08/01/2005	<200	1,600	130	<1.0	<1.0	<1.0	<1.0	<1.0	
10/21/2005	<500	1,400	86	<2.5	<2.5	<2.5	<2.5	<2.5	
01/18/2006	<1,500	2,200	100	<2.5	<2.5	<2.5	<2.5	<2.5	
04/14/2006	<1,500	2,100	240	<2.5	<2.5	<2.5	<2.5	<2.5	
7/19/2006	<1,500	2,800	84	<2.5	<2.5	<2.5	<2.5	<2.5	r
10/24/2006	**<300**	**1,200**	**17**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	a
MW-6									
4/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
7/9/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
07/13/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
08/01/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/19/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	r
MW-7									
4/7/2003	<5,000	<1,000	710	<25	<25	<25	--	--	
7/9/2003	<100,000	<20,000	36,000	<500	<500	<500	--	--	
02/05/2004	<50,000	<10,000	34,000	<250	<250	<250	<250	<250	
04/05/2004	<50,000	<10,000	37,000	<250	<250	<250	<250	<250	
07/13/2004	<200,000	<40,000	56,000	<1,000	<1,000	1,300	<1,000	<1,000	
11/04/2004	<100,000	<20,000	71,000	<500	<500	<500	<500	<500	
01/20/2005	<50,000	<10,000	36,000	<250	<250	<250	<250	<250	a
04/11/2005	<5,000	<1,000	1,200	<25	<25	<25	<25	<25	
08/01/2005	<50,000	<10,000	4,800	<250	<250	<250	<250	<250	
10/21/2005	<20,000	24,000	12,000	<100	<100	<100	<100	<100	
01/18/2006	<60,000	15,000	13,000	<100	<100	<100	<100	<100	
04/14/2006	<60,000	<4,000	4,700	<100	<100	<100	<100	<100	
7/19/2006	<6,000	720	1,600	<10	<10	<10	<10	<10	
10/24/2006	**<3,000**	**10,000**	**14,000**	**<5.0**	**<5.0**	**31**	**<5.0**	**<5.0**	a

Table 2. Summary of Fuel Additives Analytical Data

Station #2111, 1156 Davis St, San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-8									
02/05/2004	<5,000	<1,000	1,900	<25	<25	<25	<25	<25	
04/05/2004	<2,000	<400	1,200	<10	<10	12	<10	<10	a
07/13/2004	<2,000	770	760	<10	<10	<10	<10	<10	a
11/04/2004	<1,000	<200	820	<5.0	<5.0	9.6	<5.0	<5.0	
01/20/2005	<5,000	<1,000	1,400	<25	<25	<25	<25	<25	a
04/11/2005	<1,000	<200	610	<5.0	<5.0	8.1	<5.0	<5.0	
08/01/2005	<2,000	<400	900	<10	<10	<10	<10	<10	
10/21/2005	<1,000	<200	490	<5.0	<5.0	<5.0	<5.0	<5.0	
01/18/2006	<3,000	<200	500	<5.0	<5.0	5.2	<5.0	<5.0	
04/14/2006	<3,000	<200	300	<5.0	<5.0	<5.0	<5.0	<5.0	
7/19/2006	<15,000	<1,000	4,200	<25	<25	45	<25	<25	

ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above specified laboratory reporting limit
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
µg/L = Micrograms per Liter

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

NOTES:
All volatile organic compounds analyzed using EPA Method 8260B.

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

Table 3. Historical Ground-Water Flow Direction and Gradient

Station #2111, 1156 Davis St, San Leandro, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
7/20/2000	West-Northwest	0.006
9/19/2000	West-Northwest	0.004
12/21/2000	West-Northwest	0.004
3/13/2001	West-Northwest	0.005
5/30/2001	West-Northwest	0.004
9/18/2001	West-Northwest	0.003
12/28/2001	West-Northwest	0.003
3/14/2002	West	0.004
4/23/2002	West	0.006
7/17/2002	West	0.003
10/9/2002	West	0.002
1/13/2003	Southwest	0.0043
4/7/2003	West-Northwest	0.009 to 0.011
7/9/2003	West-Northwest	0.004
10/1/2003	West	0.002
2/5/2004	West	0.004
4/5/2004	West-Southwest	0.004
7/13/2004	West-Southwest	0.003
11/4/2004	West	0.003
1/20/2005	West	0.009
4/11/2005	North to West	0.009 to 0.01
8/1/2005	West to Northwest	0.006 to 0.004
10/21/2005	West	0.008
1/18/2006	North and West	0.01
4/14/2006	South	0.008
7/19/2006	Northwest to Southwest	0.004 to 0.008
10/24/2006	West	0.003

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 4. Approximate Cumulative Floating Product Recovered
Station #2111, 1156 Davis Street, San Leandro, CA

Well Designation	Product Recovery Field Date	Floating Product Thickness (feet)	Floating Product Recovered (gallons)
MW-2	06/28/99	0.45	0.30
MW-2	06/30/99	0.015	0.01
MW-2	07/07/99	0.06	0.04
MW-2	07/23/99	0.008	0.01
MW-2	08/25/99	0.02	0.01
MW-2	09/21/99	0.01	0.01
MW-2	11/10/99	ND	0.00
MW-2	02/09/00	ND	0.00
MW-2	04/23/02	ND	0.00
MW-2	07/17/02	Sheen	0.00
MW-2	10/9/2002 (1)	NA	0.00
MW-2	01/13/03	0.26	0.13
MW-2	02/14/03	ND	0.00
MW-2	03/24/03	ND	0.00
MW-2	04/07/03	0.05	0.00
MW-2	05/23/03	ND	0.00
MW-2	06/24/03	0.03	0.01
MW-2	07/09/03	0.07	0.03
MW-2	07/31/03	0.05	0.03
MW-2	09/04/03	0.02	0.01
MW-2	10/01/03	0.07	0.02
MW-2	11/12/03	0.59	0.36
MW-2	12/11/03	0.05	0.07
MW-2	02/05/04	0.13	0.02
MW-2	02/16/04	0.02	0.01
MW-2	03/11/04	ND	0.00
MW-2	03/30/04	ND	0.00
MW-2	04/05/04	ND	0.00
MW-2	07/13/04	ND	0.00
MW-2	08/31/04	ND	0.00
MW-2	09/07/04	ND	0.00
MW-2	11/04/04	0.22	0.14
MW-2	11/29/04	0.02	0.05
MW-2	12/15/04	0.24	0.16
MW-2	01/20/05	ND	0.00
MW-2	02/04/05	Sheen	0.00
MW-2	03/23/05	Sheen	0.00
MW-2	04/11/05	ND	0.00
MW-2	05/12/05	ND	0.00
MW-2	06/20/05	ND	0.00
MW-2	08/01/05	ND	0.00
MW-2	08/24/05	ND	0.00
MW-2	09/16/05	ND	0.00
MW-2	10/21/05	Sheen	0.00
MW-2	01/18/06	Sheen	0.00
MW-2	04/14/06	Sheen	0.00
MW-2	07/19/06	ND	0.00
MW-2	**10/24/06 (1)**	**NA**	**0.00**
Approximate Cumulative Floating Product Recovered (gallons):			**1.44**

FOOTNOTES:
(1) Free product encountered, but unable to gauge.

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

December 4, 2006

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

Re: Groundwater Sampling Data Package, BP Service Station No. 2111, located at 1156 Davis Street., San Leandro, California (Quarterly Monitoring performed on October 24, 2006)

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson
Phone Number: (530) 676-6000
On-Site Supplier Representative: Vince Zalutka
Date: October 24, 2006
Arrival: 05:10 *Departure:* 13:15
Weather Conditions: Cloudy
Unusual Field Conditions: None
Scope of Work Performed: Quarterly monitoring and sampling
Variations from Work Scope: Well MW-1 in fenced area, not accessable. Well MW-2 has hydrocarbon oder. Well MW-8 and MW-2 could not access to sample due to connection to treatment system.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include bill of lading, field data sheets, calibration form, and chain of custody documentation. 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
- Calibration Form
- Chain of Custody Documentation

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 Dulous Environmental, Inc. [Dulous, PO Box 2559, Orangevale, CA 95662, (916) 990-0333]. Stratus is authorized by BP GEM OIL COMPANY to recover, collect, and apportion into loads the 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. Dulous also performs these services under subcontract to Stratus. Transport routing of the non-hazardous well purgewater may be direct from one BP GEM facility to the designated destination point; from one BP GEM facility to the designated destination point via another BP GEM facility; from a BP GEM facility to the designated destination point via the contractor's facility, or any combination thereof. The non-hazardous well purgewater is and remains the property of BP GEM Oil Company.

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

ARCO 2111

Station #

1156 Davis St, San Leandro

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

64.5

Added Equipment Rinse Water _____

Any Other Adjustments _____

TOTAL GALS. RECOVERED 64.5

loaded onto Stratus vehicle # _____

Stratus Project # _____

time _____ date 1/1

Signature Vince Zaluetta

* *

RECEIVED AT

time 1830 date 10/25/06

5786

Unloaded by

Signature Vince Zaluetta

HYDROLOGIC DATA SHEET

ORIGINAL

Gauge Date: 10-24-06 **Project Name:** ARCO 2111

Field Technician: Vince Zalutka **Project Number:**

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	0635			17.15	26.40	4				18
-2	0700			15.38	26.70	4				Prod 23
-3	0647			16.45	26.13	4				19
-4	0551			15.35	21.50	4				12
-5	0717			14.95	23.80	2				4
-6	0736			14.27	20.60	2				Not Sampled
-7	0711			15.13	26.40	4				22
mw-8	0650					2				not accessible

ORIGINAL

WATER SAMPLE FIELD DATA SHEET

PROJECT #: ARCO 2111 PURGED BY: Vince Z WELL I.D.: MW-1
CLIENT NAME: ARCO 2111 SAMPLED BY: Vince Z SAMPLE I.D.: MW-1
LOCATION: San Leandro QA SAMPLES: 3

DATE PURGED 10 24 06 START (2400hr) 1040 END (2400hr) 1121
DATE SAMPLED 10 24 06 SAMPLE TIME (2400hr) 1111
SAMPLE TYPE: (X3) 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) = 26.40 CASING VOLUME (gal) = 6.19
DEPTH TO WATER (feet) = 17.15 CALCULATED PURGE (gal) = 18.5
WATER COLUMN HEIGHT (feet) = 9.25 ACTUAL PURGE (gal) = 18.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
102406	1050	2	18.0	770	7.03	clear	N/A 16.0
"	1107	9	18.2	785	6.63	clear	~~cloudy~~ cloudy
10-24-06	1116	18.5	18.9	963	6.68	clear	cloudy

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 17.21 SAMPLE TURBIDITY: lite cloudy

80% RECHARGE: ___ YES ___ NO ANALYSES: ____

ODOR: ____ SAMPLE VESSEL / PRESERVATIVE: HCL

PURGING EQUIPMENT

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

SAMPLING EQUIPMENT

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

WELL INTEGRITY: Good LOCK#: N/A

REMARKS: Box in Fenced Area

SIGNATURE: Vince Zelenther

ORIGINAL

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 211 | PURGED BY: VJ | WELL I.D.: MW-2
CLIENT NAME: | SAMPLED BY: VJ | SAMPLE I.D.:
LOCATION: San Leandro | QA SAMPLES: N/A

DATE PURGED | START (2400hr) | END (2400hr)
DATE SAMPLED | SAMPLE TIME (2400hr): 1243
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) = N/A
DEPTH TO WATER (feet) = N/A
WATER COLUMN HEIGHT (feet) = N/A
CASING VOLUME (gal) =
CALCULATED PURGE (gal) =
ACTUAL PURGE (gal) = 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
	1250	0	21	778	6.45	clear	N/A

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: N/m
SAMPLE TURBIDITY: clear

80% RECHARGE: ___ YES ___ NO
ANALYSES:
ODOR: yes
SAMPLE VESSEL / PRESERVATIVE: HCl

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated
Other:
Pump Depth:

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
___ Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
___ Dedicated
Other:

WELL INTEGRITY: Good
LOCK#:
REMARKS: Smelly well - with system kook up - well cover not accessable for bailing/sampling

SIGNATURE: VJ

ORIGINAL

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2111 PURGED BY: Vince Z WELL I.D.: MW-3
CLIENT NAME: SAMPLED BY: Vince Z SAMPLE I.D.: MW-3
LOCATION: San Leandro QA SAMPLES: 3

DATE PURGED 102406 START (2400hr) 0940 END (2400hr) 1027
DATE SAMPLED 102406 SAMPLE TIME (2400hr) 1017
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) = 26.13 CASING VOLUME (gal) = 6.48
DEPTH TO WATER (feet) = 16.45 CALCULATED PURGE (gal) = 19.4
WATER COLUMN HEIGHT (feet) = 9.68 ACTUAL PURGE (gal) = 19.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
102406	0950	0	18.4	745	7.10	clear	N/A P/O 9.1 %
102406	1003	10	78.1	752	6.63	clear	N/A
102406	1020	19	18.0	749	6.77	clear	N/A

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 16.43 SAMPLE TURBIDITY: clear

80% RECHARGE: ___ YES ___ NO ANALYSES: ~~HVOCs~~

ODOR: none SAMPLE VESSEL / PRESERVATIVE: HCl

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
✓ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT

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

WELL INTEGRITY: Good - Bolt holes stripped LOCK#: N/A

REMARKS: clean looking samples

SIGNATURE: Vince Zahuta

ORIGINAL

WATER SAMPLE FIELD DATA SHEET

PROJECT #: ARCO 2111 | PURGED BY: VJ | WELL I.D.: MW-4
CLIENT NAME: | SAMPLED BY: VJ | SAMPLE I.D.: MW-4
LOCATION: San Leandro | QA SAMPLES: 6

DATE PURGED 10-24-06 | START (2400hr) 0800 | END (2400hr) 0851
DATE SAMPLED 10-24-06 | SAMPLE TIME (2400hr) 0837
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) = 21.50 | CASING VOLUME (gal) = 4.12
DEPTH TO WATER (feet) = 15.35 | CALCULATED PURGE (gal) = 12.36
WATER COLUMN HEIGHT (feet) = 6.15 | ACTUAL PURGE (gal) = 12.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU) D/O
102406	0812	2	19.9	793	6.67	clear	None 13.7
102406	0820	6	19.5	784	6.55	Lite Brown	cloudy
102406	0840	12	18.8	780	6.90	Lite Brown	cloudy

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 15.34 | SAMPLE TURBIDITY: cloudy

80% RECHARGE: ___ YES ___ NO | ANALYSES:
ODOR: Lite Odor | SAMPLE VESSEL / PRESERVATIVE: HCL

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
X Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
V Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
___ Dedicated ____
Other: ____

WELL INTEGRITY: Good However Bolts Stick up | LOCK#: N/A

REMARKS: lite oder otherwise good
Replaced Bolts with smaller size as loose pins to remove a trip hazard.

SIGNATURE: Vince Gallitelli

ORIGINAL

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2111 | PURGED BY: VZ | WELL I.D.: MW-5

CLIENT NAME: ARCO 2111 | SAMPLED BY: VZ | SAMPLE I.D.: MW-5

LOCATION: San Leandro | QA SAMPLES: 3

DATE PURGED: 10-24-06 | START (2400hr): 0900 | END (2400hr): 0930

DATE SAMPLED: ______ | SAMPLE TIME (2400hr): 0921

SAMPLE TYPE: Groundwater x | Surface Water ___ | Treatment Effluent ___ | Other ___

CASING DIAMETER: 2" X (0.17) | 3" ___ (0.38) | 4" ___ (0.67) | 5" ___ (1.02) | 6" ___ (1.50) | 8" ___ (2.60) | Other ___ ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 23.80

DEPTH TO WATER (feet) = 14.95

WATER COLUMN HEIGHT (feet) = 8.85

CASING VOLUME (gal) = 1.50

CALCULATED PURGE (gal) = 4.5

ACTUAL PURGE (gal) = 4.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	D/O
102406	0907	0	18.3	774	6.58	clear	N/A	10.7
	0920	4.5	18.3	758	6.69	clear	None	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 15.07

SAMPLE TURBIDITY: None

80% RECHARGE: ___ YES ___ NO

ANALYSES: ______

ODOR: none

SAMPLE VESSEL / PRESERVATIVE: HCL

PURGING EQUIPMENT

- ___ Bladder Pump
- ___ Centrifugal Pump
- ___ Submersible Pump
- ___ Peristalic Pump
- X Bailer (Teflon)
- ___ Bailer (PVC)
- ___ Bailer (Stainless Steel)
- ___ Dedicated ______

Other: ______

Pump Depth: ______

SAMPLING EQUIPMENT

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

Other: ______

WELL INTEGRITY: good

LOCK#: N/A

REMARKS: All sample early

SIGNATURE: V Zabatta

ORIGINAL

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2111 | PURGED BY: Vince Z | WELL I.D.: MW-7
CLIENT NAME: ARCO 2111 | SAMPLED BY: Vince Z | SAMPLE I.D.: MW-7
LOCATION: San Leandro | QA SAMPLES: 3

DATE PURGED 10 24 06 | START (2400hr) 1127 | END (2400hr)
DATE SAMPLED 10 24 06 | SAMPLE TIME (2400hr) 1159
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) = 26.40 | CASING VOLUME (gal) = 7.55
DEPTH TO WATER (feet) = 15.13 | CALCULATED PURGE (gal) = 22.6
WATER COLUMN HEIGHT (feet) = 11.27 | ACTUAL PURGE (gal) = 10.5 Dry

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
102406	1131	0	20.6	830	6.88	clear	D/O Lite cloudy 17.0%
102406	1143	10	19.6	886	6.85	Gray	cloudy/sand
102406	1144	10.5	Dry				
102406	1207	10.5	20.1	862	6.93	Gray	cloudy

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 22.98 | SAMPLE TURBIDITY: cloudy

80% RECHARGE: ___ YES ___ NO | ANALYSES:
ODOR: No | SAMPLE VESSEL / PRESERVATIVE: HCl

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristaltic Pump
X Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated
Other:
Pump Depth:

SAMPLING EQUIPMENT

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

WELL INTEGRITY: Good | LOCK#: N/A
REMARKS: on system However, valve is broken off vac-gauge.

SIGNATURE: Vince Zaluth

Account: ARCO 2111

Sampled by: Vinez. Date: 10-27-04 Last Meter Calibration (SN and Date):

Well ID		Box in Good Condition	Lock Missing (Replaced with new)	Water in Box	Bolts Stripped	Bolt-holes Stripped	Cracked or Broken Lid	Cracked Box or Bolt-holes	Bolts Missing	Notes and Other Stuff
MW-6		X	X							Good
MW-4		X	X		X	X				Bolts stick up - Replace w/pins
MW-5		X								Some holes stripped
MW-3		X								Sits in hole w/pinned bolts
MW-1		X								crack in glass on vac-gauge

Visitor Log, Date, and Time:

Chain of Custody Record

Page 1 of 1

Project Name: ARCO 2111 Quarterly Monitoring
BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > Alameda > 2111
State or Lead Regulatory Agency: RWQCB - San Frasisco
Requested Due Date (mm/dd/yy): Std TAT

ORIGINAL

On-site Time:	0510	Temp:	60's
Off-site Time:	1315	Temp:	70's
Sky Conditions:	cloudy		
Meteorological Events:	N/A		
Wind Speed:		Direction:	

Lab Name: Test America	BP/AR Facility No.: 2111
Address: 885 Jarvis Drive	BP/AR Facility Address: 1156 Davis St. San Leandro
Morgan Hill, CA 95037	Site Lat/Long: N/A
Lab PM: Lisa Race	California Global ID No.: T0600101764
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: GOC28-0023
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision
Address: 2010 Crow Canyon Place, suite 150	Phase/WBS: 04 - Monitoring
San Ramon, CA	Sub Phase/Task: 03 - Analytical
Fax: 925 275-3506	Cost Element: 01 - Contract Labor

Consultant/Contractor:	Stratus Environmental, Inc
Address:	3330 Cameron Park Drive, Suite 550
	Cameron Park, CA 95682
Consultant/Contractor Project No.:	
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:	cjewitt@stratusinc.net
Invoice to:	Atlantic Richfield Co.

Lab Bottle Order No:

Item No.	Sample Description	Time	Date 2006	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	Requested Analysis: 8 Oxy's	Requested Analysis: 2 EDB	Requested Analysis: 6 1,2-DCA	Requested Analysis: 0 Ethanol	Sample Point Lat/Long and Comments
																			8260 ALL
1	MW-1	1111	10/24		X			3				X		X	X	X	X	X	
2	MW-3	1017	"		X			3				X		X	X	X	X	X	
3	MW-4	0837	"		X			6				X		X	X	X	X	X	
4	MW-5	0921	10/24		X			3				X		X	X	X	X	X	
5	MW-7	1159	10/24		X			3				X		X	X	X	X	X	
6	TB2111102420006	0621	10/24		X			2											HOLD
7																			
8																			
9																			
10																			

Sampler's Name:	Vince Zalutka
Sampler's Company:	STRATUS ENV.
Shipment Date:	10-24-06
Shipment Method:	STRATUS
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Vince Zalutka	10-24-06	1440		10/24/06	1440

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes ___ No ___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes ___ No ___

TestAmerica
ANALYTICAL TESTING CORPORATION

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

13 November, 2006

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

RE: ARCO #2111, San Leandro, CA
Work Order: MPJ1031

Enclosed are the results of analyses for samples received by the laboratory on 10/25/06 08:30. 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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www.testamericainc.com

Stratus Environmental Inc. [Arco]	Project: ARCO #2111, San Leandro, CA	MPJ1031
3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MPJ1031-01	Water	10/24/06 11:11	10/25/06 08:30
MW-3	MPJ1031-02	Water	10/24/06 10:17	10/25/06 08:30
MW-4	MPJ1031-03	Water	10/24/06 08:37	10/25/06 08:30
MW-5	MPJ1031-04	Water	10/24/06 09:21	10/25/06 08:30
MW-7	MPJ1031-05	Water	10/24/06 11:59	10/25/06 08:30
TB211110242006	MPJ1031-06	Water	10/24/06 06:21	10/25/06 08:30

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 intact custody seals.

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Stratus Environmental Inc. [Arco]	Project: ARCO #2111, San Leandro, CA	MPJ1031
3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPJ1031-01) Water Sampled: 10/24/06 11:11 Received: 10/25/06 08:30									
Gasoline Range Organics (C4-C12)	**710**	250	ug/l	5	6J30001	10/30/06	10/30/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-145*		"	"	"	"	
MW-3 (MPJ1031-02) Water Sampled: 10/24/06 10:17 Received: 10/25/06 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6J30001	10/30/06	10/30/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*60-145*		"	"	"	"	
MW-4 (MPJ1031-03) Water Sampled: 10/24/06 08:37 Received: 10/25/06 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6J30001	10/30/06	10/30/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-145*		"	"	"	"	
MW-5 (MPJ1031-04) Water Sampled: 10/24/06 09:21 Received: 10/25/06 08:30									
Gasoline Range Organics (C4-C12)	**61**	50	ug/l	1	6K06016	11/06/06	11/07/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-145*		"	"	"	"	
MW-7 (MPJ1031-05) Water Sampled: 10/24/06 11:59 Received: 10/25/06 08:30									
Gasoline Range Organics (C4-C12)	**6800**	1000	ug/l	20	6J30001	10/30/06	10/30/06	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*60-145*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #2111, San Leandro, CA	MPJ1031
3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPJ1031-01) Water Sampled: 10/24/06 11:11 Received: 10/25/06 08:30									
tert-Amyl methyl ether	**10**	2.5	ug/l	5	6J30001	10/30/06	10/30/06	EPA 8260B	
Benzene	**4.2**	2.5	"	"	"	"	"	"	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	1500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	**19**	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**360**	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	**13**	2.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*60-120*		"	"	"	"	
MW-3 (MPJ1031-02) Water Sampled: 10/24/06 10:17 Received: 10/25/06 08:30									
tert-Amyl methyl ether	**2.8**	0.50	ug/l	1	6J30001	10/30/06	10/30/06	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	**33**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*60-120*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #2111, San Leandro, CA	MPJ1031
3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MPJ1031-03) Water Sampled: 10/24/06 08:37 Received: 10/25/06 08:30									
tert-Amyl methyl ether	**0.91**	0.50	ug/l	1	6J30001	10/30/06	10/30/06	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	**2.0**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.5**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-130*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*60-145*	"	"	"	"	
Surrogate: Toluene-d8		*96 %*		*70-130*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*		*60-120*	"	"	"	"	
MW-5 (MPJ1031-04) Water Sampled: 10/24/06 09:21 Received: 10/25/06 08:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6K06016	11/06/06	11/07/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**1200**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-130*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*60-145*	"	"	"	"	
Surrogate: Toluene-d8		*94 %*		*70-130*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87 %*		*60-120*	"	"	"	"	

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3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MPJ1031-05) Water Sampled: 10/24/06 11:59 Received: 10/25/06 08:30									
tert-Amyl methyl ether	**31**	5.0	ug/l	10	6K06016	11/06/06	11/07/06	EPA 8260B	
Benzene	**100**	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	**10000**	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	3000	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	**16**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	**15**	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-120*		"	"	"	"	
MW-7 (MPJ1031-05RE1) Water Sampled: 10/24/06 11:59 Received: 10/25/06 08:30									CL
Methyl tert-butyl ether	**14000**	100	ug/l	200	6K08015	11/08/06	11/09/06	EPA 8260B	
Surrogate: Dibromofluoromethane		*108 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*136 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*92 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87 %*	*60-120*		"	"	"	"	

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3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

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 6J30001 - EPA 5030B P/T / LUFT GCMS										
Blank (6J30001-BLK1)				Prepared & Analyzed: 10/30/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.68*		"	*2.50*		*107*	*60-145*			
Laboratory Control Sample (6J30001-BS2)				Prepared & Analyzed: 10/30/06						
Gasoline Range Organics (C4-C12)	461	50	ug/l	440		105	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.78*		"	*2.50*		*111*	*60-145*			
Laboratory Control Sample Dup (6J30001-BSD2)				Prepared & Analyzed: 10/30/06						
Gasoline Range Organics (C4-C12)	445	50	ug/l	440		101	75-140	4	20	
Surrogate: 1,2-Dichloroethane-d4	*2.73*		"	*2.50*		*109*	*60-145*			
Batch 6K06016 - EPA 5030B P/T / LUFT GCMS										
Blank (6K06016-BLK1)				Prepared & Analyzed: 11/06/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.51*		"	*2.50*		*100*	*60-145*			
Laboratory Control Sample (6K06016-BS2)				Prepared & Analyzed: 11/06/06						
Gasoline Range Organics (C4-C12)	519	50	ug/l	440		118	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.50*		"	*2.50*		*100*	*60-145*			
Laboratory Control Sample Dup (6K06016-BSD2)				Prepared & Analyzed: 11/06/06						
Gasoline Range Organics (C4-C12)	405	50	ug/l	440		92	75-140	25	20	RB
Surrogate: 1,2-Dichloroethane-d4	*2.51*		"	*2.50*		*100*	*60-145*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

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 6J30001 - EPA 5030B P/T / EPA 8260B										
Blank (6J30001-BLK1)				Prepared & Analyzed: 10/30/06						
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	*2.45*		"	*2.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.68*		"	*2.50*		*107*	*60-145*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.29*		"	*2.50*		*92*	*60-120*			
Laboratory Control Sample (6J30001-BS1)				Prepared & Analyzed: 10/30/06						
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0		111	65-135			
Benzene	10.0	0.50	"	10.0		100	70-125			
tert-Butyl alcohol	191	20	"	200		96	60-135			
Di-isopropyl ether	10.4	0.50	"	10.0		104	70-130			
1,2-Dibromoethane (EDB)	12.1	0.50	"	10.0		121	80-125			
1,2-Dichloroethane	10.9	0.50	"	10.0		109	75-125			
Ethanol	174	300	"	200		87	15-150			
Ethyl tert-butyl ether	10.6	0.50	"	10.0		106	65-130			
Ethylbenzene	9.79	0.50	"	10.0		98	70-130			
Methyl tert-butyl ether	11.4	0.50	"	10.0		114	50-140			
Toluene	10.1	0.50	"	10.0		101	70-120			
Xylenes (total)	29.8	0.50	"	30.0		99	80-125			
Surrogate: Dibromofluoromethane	*2.55*		"	*2.50*		*102*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.60*		"	*2.50*		*104*	*60-145*			
Surrogate: Toluene-d8	*2.45*		"	*2.50*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.41*		"	*2.50*		*96*	*60-120*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

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 6J30001 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6J30001-MS1)	**Source: MPJ1031-03**			Prepared & Analyzed: 10/30/06						
tert-Amyl methyl ether	12.8	0.50	ug/l	10.0	0.91	119	65-135			
Benzene	10.6	0.50	"	10.0	ND	106	70-125			
tert-Butyl alcohol	167	20	"	200	ND	84	60-135			
Di-isopropyl ether	11.4	0.50	"	10.0	ND	114	70-130			
1,2-Dibromoethane (EDB)	12.9	0.50	"	10.0	ND	129	80-125			LM
1,2-Dichloroethane	11.8	0.50	"	10.0	ND	118	75-125			
Ethanol	160	300	"	200	ND	80	15-150			
Ethyl tert-butyl ether	11.4	0.50	"	10.0	ND	114	65-130			
Ethylbenzene	11.4	0.50	"	10.0	2.0	94	70-130			
Methyl tert-butyl ether	15.8	0.50	"	10.0	3.5	123	50-140			
Toluene	10.7	0.50	"	10.0	ND	107	70-120			
Xylenes (total)	28.9	0.50	"	30.0	0.45	95	80-125			
Surrogate: Dibromofluoromethane	*2.60*		"	*2.50*		*104*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.69*		"	*2.50*		*108*	*60-145*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.47*		"	*2.50*		*99*	*60-120*			
Matrix Spike Dup (6J30001-MSD1)	**Source: MPJ1031-03**			Prepared & Analyzed: 10/30/06						
tert-Amyl methyl ether	13.4	0.50	ug/l	10.0	0.91	125	65-135	5	25	
Benzene	10.8	0.50	"	10.0	ND	108	70-125	2	15	
tert-Butyl alcohol	173	20	"	200	ND	86	60-135	4	35	
Di-isopropyl ether	11.8	0.50	"	10.0	ND	118	70-130	3	35	
1,2-Dibromoethane (EDB)	13.1	0.50	"	10.0	ND	131	80-125	2	15	LM
1,2-Dichloroethane	12.0	0.50	"	10.0	ND	120	75-125	2	10	
Ethanol	177	300	"	200	ND	88	15-150	10	35	
Ethyl tert-butyl ether	11.9	0.50	"	10.0	ND	119	65-130	4	35	
Ethylbenzene	11.6	0.50	"	10.0	2.0	96	70-130	2	15	
Methyl tert-butyl ether	16.7	0.50	"	10.0	3.5	132	50-140	6	25	
Toluene	10.8	0.50	"	10.0	ND	108	70-120	0.9	15	
Xylenes (total)	29.1	0.50	"	30.0	0.45	96	80-125	0.7	15	
Surrogate: Dibromofluoromethane	*2.65*		"	*2.50*		*106*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.77*		"	*2.50*		*111*	*60-145*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.45*		"	*2.50*		*98*	*60-120*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2111, San Leandro, CA	MPJ1031
3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

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 6K06016 - EPA 5030B P/T / EPA 8260B										
Blank (6K06016-BLK1)				Prepared & Analyzed: 11/06/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
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	*2.41*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.51*		"	*2.50*		*100*	*60-145*			
Surrogate: Toluene-d8	*2.33*		"	*2.50*		*93*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.15*		"	*2.50*		*86*	*60-120*			
Laboratory Control Sample (6K06016-BS1)				Prepared & Analyzed: 11/06/06						
tert-Amyl methyl ether	9.33	0.50	ug/l	10.0		93	65-135			
Benzene	9.43	0.50	"	10.0		94	70-125			
tert-Butyl alcohol	210	5.0	"	200		105	60-135			
Di-isopropyl ether	8.91	0.50	"	10.0		89	70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0		109	80-125			
1,2-Dichloroethane	10.6	0.50	"	10.0		106	75-125			
Ethanol	294	300	"	200		147	15-150			
Ethyl tert-butyl ether	9.29	0.50	"	10.0		93	65-130			
Ethylbenzene	9.45	0.50	"	10.0		94	70-130			
Methyl tert-butyl ether	9.49	0.50	"	10.0		95	50-140			
Toluene	9.81	0.50	"	10.0		98	70-120			
Xylenes (total)	29.8	0.50	"	30.0		99	80-125			
Surrogate: Dibromofluoromethane	*2.52*		"	*2.50*		*101*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.56*		"	*2.50*		*102*	*60-145*			
Surrogate: Toluene-d8	*2.38*		"	*2.50*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.16*		"	*2.50*		*86*	*60-120*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

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 6K06016 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6K06016-MS1)	**Source: MPK0051-04**			Prepared & Analyzed: 11/06/06						
tert-Amyl methyl ether	10.1	0.50	ug/l	10.0	ND	101	65-135			
Benzene	10.3	0.50	"	10.0	ND	103	70-125			
tert-Butyl alcohol	219	5.0	"	200	ND	110	60-135			
Di-isopropyl ether	10.0	0.50	"	10.0	ND	100	70-130			
1,2-Dibromoethane (EDB)	11.6	0.50	"	10.0	ND	116	80-125			
1,2-Dichloroethane	11.3	0.50	"	10.0	ND	113	75-125			
Ethanol	313	300	"	200	ND	156	15-150			LM
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	65-130			
Ethylbenzene	9.81	0.50	"	10.0	ND	98	70-130			
Methyl tert-butyl ether	9.97	0.50	"	10.0	ND	100	50-140			
Toluene	10.9	0.50	"	10.0	ND	109	70-120			
Xylenes (total)	30.9	0.50	"	30.0	ND	103	80-125			
Surrogate: Dibromofluoromethane	*2.63*		"	*2.50*		*105*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99*	*60-145*			
Surrogate: Toluene-d8	*2.43*		"	*2.50*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.12*		"	*2.50*		*85*	*60-120*			
Matrix Spike Dup (6K06016-MSD1)	**Source: MPK0051-04**			Prepared & Analyzed: 11/06/06						
tert-Amyl methyl ether	11.2	0.50	ug/l	10.0	ND	112	65-135	10	25	
Benzene	10.8	0.50	"	10.0	ND	108	70-125	5	15	
tert-Butyl alcohol	225	5.0	"	200	ND	112	60-135	3	35	
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	70-130	6	35	
1,2-Dibromoethane (EDB)	13.0	0.50	"	10.0	ND	130	80-125	11	15	LM
1,2-Dichloroethane	12.3	0.50	"	10.0	ND	123	75-125	8	10	
Ethanol	274	300	"	200	ND	137	15-150	13	35	
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	65-130	9	35	
Ethylbenzene	10.1	0.50	"	10.0	ND	101	70-130	3	15	
Methyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	50-140	12	25	
Toluene	11.2	0.50	"	10.0	ND	112	70-120	3	15	
Xylenes (total)	31.7	0.50	"	30.0	ND	106	80-125	3	15	
Surrogate: Dibromofluoromethane	*2.58*		"	*2.50*		*103*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.58*		"	*2.50*		*103*	*60-145*			
Surrogate: Toluene-d8	*2.44*		"	*2.50*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.17*		"	*2.50*		*87*	*60-120*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #2111, San Leandro, CA	MPJ1031
3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

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 6K08015 - EPA 5030B P/T / EPA 8260B										
Blank (6K08015-BLK1)				Prepared: 11/08/06 Analyzed: 11/09/06						
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	*2.71*		"	*2.50*		*108*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*3.07*		"	*2.50*		*123*	*60-145*			
Surrogate: Toluene-d8	*2.40*		"	*2.50*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.25*		"	*2.50*		*90*	*60-120*			
Laboratory Control Sample (6K08015-BS1)				Prepared & Analyzed: 11/08/06						
tert-Amyl methyl ether	8.91	0.50	ug/l	10.0		89	65-135			
Benzene	9.73	0.50	"	10.0		97	70-125			
tert-Butyl alcohol	198	20	"	200		99	60-135			
Di-isopropyl ether	11.1	0.50	"	10.0		111	70-130			
1,2-Dibromoethane (EDB)	9.22	0.50	"	10.0		92	80-125			
1,2-Dichloroethane	11.3	0.50	"	10.0		113	75-125			
Ethanol	289	300	"	200		144	15-150			
Ethyl tert-butyl ether	9.95	0.50	"	10.0		100	65-130			
Ethylbenzene	9.92	0.50	"	10.0		99	70-130			
Methyl tert-butyl ether	10.6	0.50	"	10.0		106	50-140			
Toluene	9.53	0.50	"	10.0		95	70-120			
Xylenes (total)	30.8	0.50	"	30.0		103	80-125			
Surrogate: Dibromofluoromethane	*2.68*		"	*2.50*		*107*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.93*		"	*2.50*		*117*	*60-145*			
Surrogate: Toluene-d8	*2.55*		"	*2.50*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.53*		"	*2.50*		*101*	*60-120*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

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 6K08015 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6K08015-MS1)	**Source: MPK0019-16**			Prepared & Analyzed: 11/08/06						
tert-Amyl methyl ether	9.39	0.50	ug/l	10.0	ND	94	65-135			
Benzene	10.1	0.50	"	10.0	ND	101	70-125			
tert-Butyl alcohol	185	20	"	200	7.8	89	60-135			
Di-isopropyl ether	11.4	0.50	"	10.0	ND	114	70-130			
1,2-Dibromoethane (EDB)	9.42	0.50	"	10.0	ND	94	80-125			
1,2-Dichloroethane	11.1	0.50	"	10.0	ND	111	75-125			
Ethanol	244	300	"	200	ND	122	15-150			
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	65-130			
Ethylbenzene	10.1	0.50	"	10.0	ND	101	70-130			
Methyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	50-140			
Toluene	9.86	0.50	"	10.0	ND	99	70-120			
Xylenes (total)	31.4	0.50	"	30.0	ND	105	80-125			
Surrogate: Dibromofluoromethane	*2.68*		"	*2.50*		*107*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.88*		"	*2.50*		*115*	*60-145*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.66*		"	*2.50*		*106*	*60-120*			
Matrix Spike Dup (6K08015-MSD1)	**Source: MPK0019-16**			Prepared & Analyzed: 11/08/06						
tert-Amyl methyl ether	9.30	0.50	ug/l	10.0	ND	93	65-135	1	25	
Benzene	9.89	0.50	"	10.0	ND	99	70-125	2	15	
tert-Butyl alcohol	185	20	"	200	7.8	89	60-135	0	35	
Di-isopropyl ether	11.0	0.50	"	10.0	ND	110	70-130	4	35	
1,2-Dibromoethane (EDB)	9.44	0.50	"	10.0	ND	94	80-125	0.2	15	
1,2-Dichloroethane	11.2	0.50	"	10.0	ND	112	75-125	0.9	10	
Ethanol	249	300	"	200	ND	124	15-150	2	35	
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	65-130	0	35	
Ethylbenzene	9.79	0.50	"	10.0	ND	98	70-130	3	15	
Methyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	50-140	3	25	
Toluene	9.56	0.50	"	10.0	ND	96	70-120	3	15	
Xylenes (total)	30.3	0.50	"	30.0	ND	101	80-125	4	15	
Surrogate: Dibromofluoromethane	*2.64*		"	*2.50*		*106*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.96*		"	*2.50*		*118*	*60-145*			
Surrogate: Toluene-d8	*2.58*		"	*2.50*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.57*		"	*2.50*		*103*	*60-120*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2111, San Leandro, CA	MPJ1031
3330 Cameron Park Dr., Suite 550	Project Number: G0C28-0023	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	11/13/06 15:42

Notes and Definitions

RB	RPD exceeded method control limit; % recoveries within limits.
PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
IC	Calib. verif. is within method limits but outside contract limits
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

Chain of Custody Record

Page 1 of 1

Project Name: ARCO 2111 Quarterly Monitoring
BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > Alameda > 2111
State or Lead Regulatory Agency: RWQCB - San Frasisco
Requested Due Date (mm/dd/yy): Std TAT

On-site Time:	0510	Temp:	60's
Off-site Time:	1315	Temp:	70's
Sky Conditions:	cloudy		
Meteorological Events:	N/A		
Wind Speed:		Direction:	

Lab Name: Test America		BP/AR Facility No.: 2111	
Address: 885 Jarvis Drive		BP/AR Facility Address: 1156 Davis St. San Leandro	
Morgan Hill, CA 95037		Site Lat/Long: N/A	
Lab PM: Lisa Race		California Global ID No.: T0600101764	
Tele/Fax: 408.782.8156 / 408.782.6308		Enfos Project No.: GOC28-0023	
BP/AR PM Contact:	Paul Supple	Provision or RCOP: Provision	
Address: 2010 Crow Canyon Place, suite 150		Phase/WBS: 04 - Monitoring	
San Ramon, CA		Sub Phase/Task: 03 - Analytical	
Fax: 925 275-3506		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.:			
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:	cjewitt@stratusinc.net		
Invoice to:	Atlantic Richfield Co.		

Lab Bottle Order No:

Item No.	Sample Description	Time	Date 2006	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	Requested Analysis: 8 Oxy's	Requested Analysis: 2 EDB	Requested Analysis: 6 1,2-DCA	Requested Analysis: 8 Ethanol	Sample Point Lat/Long and Comments
																			8260 ALL MPJ1031
1	MW-1	1111	10/24		X		01	3				X		X	X	X	X	X	
2	MW-3	1017	"		X		02	3				X		X	X	X	X	X	
3	MW-4	0837	"		X		03	6				X		X	X	X	X	X	
4	MW-5	0921	10/24		X		04	3				X		X	X	X	X	X	
5	MW-7	1159	10/24		X		05	3				X		X	X	X	X	X	
6	TB2111102420006	0621	10/24		X		06	2											HOLD
7																			
8																			
9																			
10																			

Sampler's Name:	Vince Zalutka	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	STRATUS ENV.	Vince Zalutka	10-24-06	1440		10/24/06	1440
Shipment Date:	10-24-06		10/24	1545	JWENG (MH)	10/25	0830
Shipment Method:	STRATUS						
Shipment Tracking No:							

Special Instructions:

Custody Seal in Place Yes ✓ No Temp Blank Yes ✓ No Cooler Temperature on Receipt 4.1 °F/C Trip Blank Yes ✓ No

White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

BP COC Rev. 4 10/1/04

3.6

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT): JULIE NG.
WORKORDER: MPJ1031

DATE REC'D AT LAB: 10/25/06
TIME REC'D AT LAB: 0830
DATE LOGGED IN: 10-26-06

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 #: SEE ATTACHED								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody	1							
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: 4.1°C; Corrected Temp: N; Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE or Problem COC								

JULIE NG, 10/25/06 SEE COC

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

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**4Q06 GEO_WELL**
Submittal Date/Time:	**1/24/2007 3:27:07 PM**
Confirmation Number:	**7011919915**

Back to Main Menu

Electronic Submittal Information

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

Your EDF file has been successfully uploaded!

Confirmation Number: 5226812720
Date/Time of Submittal: 1/25/2007 2:39:13 PM
Facility Global ID: T0600101764
Facility Name: ARCO #2111
Submittal Title: 4Q06 GW Monitoring
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

ARCO #2111 1156 DAVIS SAN LEANDRO, CA 94577	**Regional Board - Case #: 01-1903** SAN FRANCISCO BAY RWQCB (REGION 2) **Local Agency (lead agency) - Case #: RO0000494** ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
5226812720	4Q06 GW Monitoring	Q4 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	1/25/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH
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