Atlantic Richfield Company
(a BP affiliated company)

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

26 October 2007

Re: Third Quarter 2007 Semi-Annual Ground-Water Monitoring Report
Atlantic Richfield Company Station #2169
889 West Grand Avenue, Oakland, California
ACEH Case #RO000072

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

Submitted by:

Paul Supple
Environmental Business Manager

Third Quarter 2007 Semi-Annual Ground-Water Monitoring Report
Atlantic Richfield Company Station #2169
889 W. Grand Avenue
Oakland, California

Prepared for

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

Prepared by

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

1324 Mangrove Avenue, Suite 212
Chico, California 95926
(530) 566-1400
www.broadbentinc.com

26 October 2007

Project No. 06-08-621

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

26 October 2007 Project No. 06-08-621

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

Attn.: Mr. Paul Supple

Re: Third Quarter 2007 Semi-Annual Ground-Water Monitoring Report, Atlantic Richfield Company (a BP affiliated company) Station #2169, 889 West Grand Avenue, Oakland, Alameda County, California; ACEH Case #RO000072

Dear Mr. Supple:

Provided herein is the *Third Quarter 2007 Semi-Annual Ground-Water Monitoring Report* for Atlantic Richfield Company Station #2169 (herein referred to as Station #2169) located at 889 West Grand Avenue, Oakland, Alameda County, California (Property). This report presents results of ground-water monitoring conducted during Third Quarter 2007.

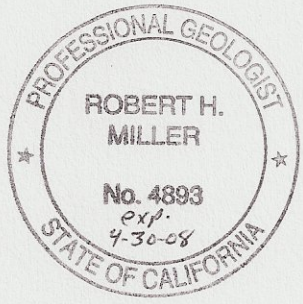
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus, P.E.
Senior Engineer

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



Enclosures

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

STATION #2169 SEMI-ANNUAL GROUND-WATER MONITORING REPORT

Facility: #2169 Address:	889 West Grand Avenue, Oakland
Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus (530) 566-1400
Consultant Project No.:	06-08-621
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) ACEH Case #RO000072
Facility Permits/Permitting Agency:	NA

WORK PERFORMED THIS QUARTER (Third Quarter 2007):

1. Submitted Second Quarter 2007 Status Report. Work performed by BAI.
2. Conducted ground-water monitoring/sampling for Third Quarter 2007. Work performed on 14 August 2007 by Stratus Environmental, Inc (Stratus).

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter 2007):

1. Prepared and submitted Third Quarter 2007 Semi-Annual 2007 Ground-Water Monitoring Report (contained herein).
2. No environmental field work is anticipated at Station #2169 during Fourth Quarter 2007.
3. Prepare and submit Fourth Quarter 2007 Status Report.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Ground-water monitoring/sampling**
Frequency of ground-water monitoring:	**Semi-Annually: A-1 through A-6, AR-1, AR-2, ADR-1, ADR-2**
Frequency of ground-water sampling:	**Semi-Annually (1Q & 3Q): Wells A-1, A-5, A-6, ADR-1** **Annually (3Q): Wells A-2, AR-1, AR-2, ADR-2**
Is free product (FP) present on-site:	**No**
FP recovered this quarter:	**None**
Cumulative FP recovered:	**4.8 gallons: Wells ADR-1 and ADR-2**
Current remediation techniques:	**Soil Vapor Extraction System shut down in Dec. 2001**
Depth to ground water (below TOC):	**9.70 ft (A-5) to 12.06 ft (A-3)**
General ground-water flow direction:	**Northwest**
Approximate hydraulic gradient:	**0.005 ft/ft**

DISCUSSION:

The semi-annual round of ground-water monitoring and sampling was conducted at Station #2169 on 14 August 2007 by Stratus. Water levels were gauged in 9 of the 10 wells at the Site. Well AR-1 could not be opened due to a broken bolt on the vault lid. No other irregularities were noted during water level gauging. Depth to water measurements ranged from 9.70 ft at well A-5 to 12.06 ft at well A-3. Resulting ground-water surface elevations ranged from 7.31 ft above mean sea level in up-gradient well A-4 to 5.90 ft at down-gradient well A-2. 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 northwest at approximately 0.005 ft/ft, consistent with historical data (see Table 3). Ground-water monitoring field data sheets are provided

within Appendix A. Measured depths to ground-water and respective ground-water elevations are summarized in Table 1. Potentiometric ground-water elevation contours are presented in Drawing 1.

Ground-water samples were collected from wells A-1, A-2, A-5, A-6, AR-2, ADR-1, and ADR-2. Well AR-1 could not be opened due to a broken bolt on the vault lid, and could not be sampled. No other irregularities were reported during sampling. Samples were submitted under chain-of-custody protocol to Test America Analytical Testing Corporation (Morgan Hill, California), for analysis of Gasoline Range Organics (GRO, C4-12) by the LUFT GCMS Method; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and tert-Amyl methyl ether (TAME), tert-Butyl alcohol (TBA), Di-isopropyl ether(DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Ethanol, Ethyl tert-butyl ether (ETBE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. 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 limits in four of the seven wells sampled at concentrations up to 28,000 micrograms per liter (µg/L) in well A-5. Benzene was detected above the laboratory reporting limit in four of the seven wells sampled at concentrations up to 350 µg/L in well A-1. Toluene was detected above the laboratory reporting limits in three of the seven wells sampled at concentrations up to 68 µg/L in well A-5. Ethylbenzene was detected above the laboratory reporting limit in four of the seven wells sampled at concentrations up to 3,000 µg/L in well A-5. Total Xylenes were detected above the laboratory reporting limit in three of the seven wells sampled at concentrations up to 7,800 µg/L in well A-5. MTBE was detected above the laboratory reporting limit in five of the seven wells sampled at concentrations up to 5.3 µg/L in well ADR-2. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the seven wells sampled this quarter.

Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well with the following exceptions: Ethylbenzene and Total Xylene concentrations reported in well A-1 reached historic maximum values of 110 µg/L and 68 µg/L, respectively; MTBE concentrations reported in well A-2 were the lowest on record for samples from that well; GRO, Ethylbenzene,and Total Xylene concentrations reported in well A-5 reached historic maximum values of 28,000 µg/L, 3,000 µg/L, and 7,800 µg/L, respectively; the GRO concentration reported in well ADR-1 reached a historic maximum value of 560 µg/L. Historic laboratory analytical results are summarized in Table 1 and Table 2. 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 Contours and Analytical Summary Map, 14 August 2007, ARCO Service Station #2169, 889 West Grand Avenue, Oakland, California

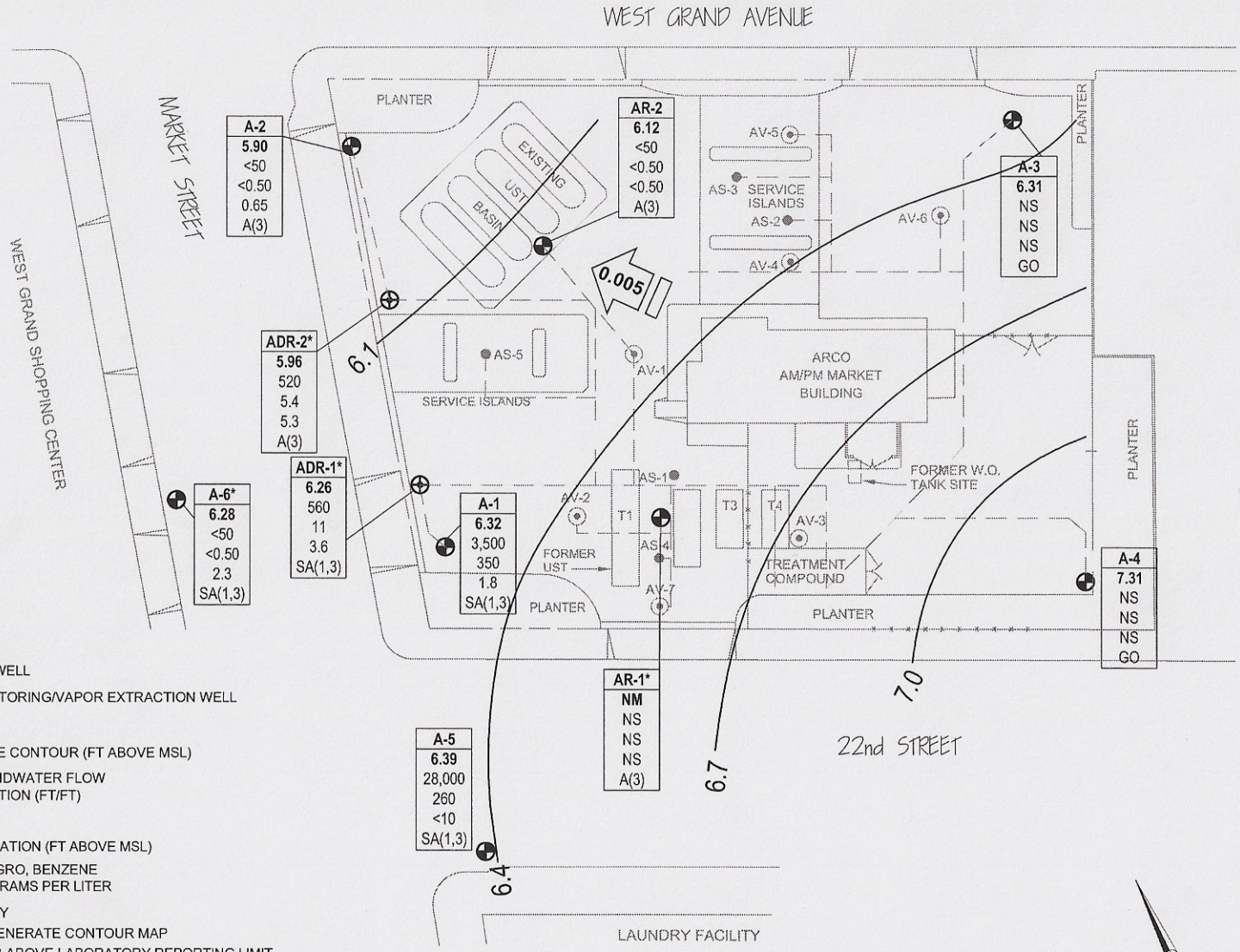
Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #2169, 889 W. Grand Ave., Oakland, CA

Table 2. Summary of Fuel Additives Analytical Data, Station #2169, 889 W. Grand Ave., Oakland, CA

Table 3. Historical Ground-Water Flow Direction and Gradient, Station #2169, 889 W. Grand Ave., Oakland, CA

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

Appendix B. GeoTracker Upload Confirmation



LEGEND

- MONITORING WELL
- VAPOR EXTRACTION WELL
- GROUNDWATER MONITORING/VAPOR EXTRACTION WELL
- AIR SPARGING WELL
- 7.0 — GROUNDWATER TABLE CONTOUR (FT ABOVE MSL)
- 0.005 — APPROXIMATE GROUNDWATER FLOW GRADIENT AND DIRECTION (FT/FT)

Well	WELL DESIGNATION
ELEV	GROUNDWATER ELEVATION (FT ABOVE MSL)
GRO / Benzene / MTBE	CONCENTRATION OF GRO, BENZENE AND MTBE IN MICROGRAMS PER LITER
A/Q	SAMPLING FREQUENCY
*	WELL NOT USED TO GENERATE CONTOUR MAP
<	NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT
NS	NOT SAMPLED
A(3)	SAMPLED ANNUALLY, 3RD QUARTER
SA	SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
GO	GAUGE ONLY
····· ·····	REMEDIATION PIPING

NOTE: SITE MAP ADAPTED FROM IT CORPORATION FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 60 120
SCALE (ft)

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California 95926
Project No.: 06-08-621 Date: 10/18/07

ARCO Service Station #2169
889 West Grand Avenue
Oakland, California

Ground-Water Elevation Contour and Analytical Summary Map
14 August 2007

Drawing
1

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-1															
6/26/2000	--		14.16	9.00	**25.00**	10.75	3.41	--	--	--	--	--	--	--	--
7/20/2000	--		14.16	9.00	**25.00**	11.01	3.15	3,900	1,100	28	12	46	25	--	--
9/19/2000	--		14.16	9.00	**25.00**	11.26	2.90	4,800	2,400	27	20	57	32	--	--
12/26/2000	--		14.16	9.00	**25.00**	10.96	3.20	429	104	2.85	12.2	9.91	18.7	--	--
3/20/2001	--		14.16	9.00	**25.00**	9.59	4.57	<500	13.9	7.12	13.9	23.2	<25	--	--
6/12/2001	--		14.16	9.00	**25.00**	10.83	3.33	140	2.2	<0.5	8.7	9.2	25	--	--
9/23/2001	--		14.16	9.00	**25.00**	11.43	2.73	<50	<0.50	<0.50	<0.50	<0.50	4.5	--	--
12/28/2001	--		14.16	9.00	**25.00**	8.66	5.50	930	250	7.6	21	13	<25	--	--
3/21/2002	--		14.16	9.00	**25.00**	8.43	5.73	<50	<0.5	<0.5	<0.5	1.2	<2.5	--	--
4/17/2002	--		14.16	9.00	**25.00**	9.36	4.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
8/14/2002	--	b	14.16	9.00	**25.00**	11.12	3.04	170	8.4	<0.5	<0.5	1.4	4.9	5.7	7.4
11/27/2002	--	b	14.16	9.00	**25.00**	11.11	3.05	98	2.9	0.75	<0.5	<0.5	6.4	1.6	7.0
2/12/2003	--	d	14.16	9.00	**25.00**	10.10	4.06	73	9.3	<0.50	1	0.53	2.9	2.1	7.2
5/22/2003	--		14.16	9.00	**25.00**	10.18	3.98	400	88	1.6	4.6	11	4.9	1.3	7.4
7/23/2003	--		14.16	9.00	**25.00**	10.85	3.31	140	3.2	<0.50	<0.50	0.56	10	10.8	7.4
11/13/2003	P	f	14.16	9.00	25.00	11.35	2.81	<50	0.64	<0.50	<0.50	<0.50	4.2	4.3	7.75
02/16/2004	P	f, i	16.75	9.00	25.00	9.65	7.10	99	18	<0.50	1.2	0.96	3.2	7.2	7.6
05/06/2004	P		16.75	9.00	25.00	10.57	6.18	<50	0.73	<0.50	<0.50	<0.50	1.9	1.23	6.93
09/02/2004	P		16.75	9.00	25.00	11.05	5.70	64	1.1	<0.50	<0.50	<0.50	1.7	12.1	8.7
11/29/2004	P		16.75	9.00	25.00	10.50	6.25	<50	1.4	<0.50	<0.50	<0.50	<0.50	0.62	7.0
02/02/2005	P		16.75	9.00	25.00	9.18	7.57	56	14	<0.50	<0.50	0.55	5.1	3.2	7.2
05/09/2005	P		16.75	9.00	25.00	9.28	7.47	52	7.8	<0.50	0.53	0.52	2.7	2.1	7.2
08/11/2005	P		16.75	9.00	25.00	10.70	6.05	420	61	<0.50	1.8	1.0	4.2	3.2	6.8
02/09/2006	P	o	16.75	9.00	25.00	9.04	7.71	170	60	1.5	3.5	5.1	5.6	1.69	7.1
8/11/2006	P		16.75	9.00	25.00	10.44	6.31	200	18	<0.50	0.73	0.60	3.7	--	7.2
2/7/2007	NP		16.75	9.00	25.00	10.34	6.41	270	5.5	<0.50	0.95	1.2	20	1.15	7.27
8/14/2007	**NP**		**16.75**	**9.00**	**25.00**	**10.43**	**6.32**	**3,500**	**350**	**21**	**110**	**68**	**1.8**	**1.32**	**7.46**
A-2															
6/26/2000	--		14.55	10.00	**25.00**	11.27	3.28	--	--	--	--	--	--	--	--
7/20/2000	--		14.55	10.00	**25.00**	11.52	3.03	<50	<0.5	<0.5	<0.5	<1.0	<3	--	--

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-2 Cont.															
9/19/2000	--		14.55	10.00	**25.00**	11.63	2.92	--	--	--	--	--	--	--	--
12/26/2000	--		14.55	10.00	**25.00**	11.44	3.11	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/20/2001	--		14.55	10.00	**25.00**	10.08	4.47	--	--	--	--	--	--	--	--
6/12/2001	--		14.55	10.00	**25.00**	11.35	3.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
9/23/2001	--		14.55	10.00	**25.00**	11.92	2.63	--	--	--	--	--	--	--	--
12/28/2001	--		14.55	10.00	**25.00**	9.31	5.24	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/21/2002	--		14.55	10.00	**25.00**	9.05	5.50	--	--	--	--	--	--	--	--
4/17/2002	--		14.55	10.00	**25.00**	9.88	4.67	52	<0.5	<0.5	<0.5	<0.5	26	--	--
8/14/2002	--	c	14.55	10.00	**25.00**	11.62	2.93	<50	<0.5	<0.5	<0.5	1.2	<2.5	3.7	7.2
11/27/2002	--		14.55	10.00	**25.00**	11.56	2.99	--	--	--	--	--	--	--	--
2/12/2003	--	d	14.55	10.00	**25.00**	10.75	3.80	<50	<0.50	<0.50	<0.50	<0.50	12	2.9	7.1
5/22/2003	--		14.55	10.00	**25.00**	10.72	3.83	--	--	--	--	--	--	--	--
7/23/2003	--		14.55	10.00	**25.00**	11.39	3.16	<50	<0.50	<0.50	<0.50	<0.50	2.6	1.3	6.8
11/13/2003	--		14.55	10.00	25.00	11.60	2.95	--	--	--	--	--	--	--	--
02/16/2004	--	i	17.18	10.00	25.00	10.27	6.91	--	--	--	--	--	--	--	--
05/06/2004	--		17.18	10.00	25.00	11.05	6.13	--	--	--	--	--	--	--	--
09/02/2004	P		17.18	10.00	25.00	11.45	5.73	130	<0.50	<0.50	<0.50	<0.50	2.5	5.1	7.4
11/29/2004	--		17.18	10.00	25.00	11.12	6.06	--	--	--	--	--	--	--	--
02/02/2005	--		17.18	10.00	25.00	9.73	7.45	--	--	--	--	--	--	--	--
05/09/2005	--		17.18	10.00	25.00	12.82	4.36	--	--	--	--	--	--	--	--
08/11/2005	P	m	17.18	10.00	25.00	11.29	5.89	120	<0.50	<0.50	<0.50	<0.50	1.2	1.6	7.1
02/09/2006	--		17.18	10.00	25.00	10.43	6.75	--	--	--	--	--	--	--	--
8/11/2006	P		17.18	10.00	25.00	11.12	6.06	<50	<0.50	<0.50	<0.50	<0.50	1.4	1.1	7.0
2/7/2007	--		17.18	10.00	25.00	11.07	6.11	--	--	--	--	--	--	--	--
8/14/2007	**NP**		**17.18**	**10.00**	**25.00**	**11.28**	**5.90**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**0.65**	**0.64**	**7.57**
A-3															
6/26/2000	--		15.75	9.00	**29.50**	11.98	3.77	--	--	--	--	--	--	--	--
7/20/2000	--		15.75	9.00	**29.50**	12.21	3.54	--	--	--	--	--	--	--	--
9/19/2000	--		15.75	9.00	**29.50**	12.50	3.25	--	--	--	--	--	--	--	--
12/26/2000	--		15.75	9.00	**29.50**	12.17	3.58	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-3 Cont.															
3/20/2001	--		15.75	9.00	**29.50**	10.70	5.05	--	--	--	--	--	--	--	--
6/12/2001	--		15.75	9.00	**29.50**	12.09	3.66	--	--	--	--	--	--	--	--
9/23/2001	--		15.75	9.00	**29.50**	12.65	3.10	--	--	--	--	--	--	--	--
12/28/2001	--		15.75	9.00	**29.50**	9.94	5.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/21/2002	--		15.75	9.00	**29.50**	9.69	6.06	--	--	--	--	--	--	--	--
4/17/2002	--		15.75	9.00	**29.50**	10.61	5.14	--	--	--	--	--	--	--	--
8/14/2002	--		15.75	9.00	**29.50**	12.27	3.48	--	--	--	--	--	--	--	--
11/27/2002	--		15.75	9.00	**29.50**	12.22	3.53	--	--	--	--	--	--	--	--
2/12/2003	--	d	15.75	9.00	**29.50**	11.40	4.35	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.9
5/22/2003	--		15.75	9.00	**29.50**	11.42	4.33	--	--	--	--	--	--	--	--
7/23/2003	--		15.75	9.00	**29.50**	12.00	3.75	--	--	--	--	--	--	--	--
02/16/2004	--	g, i	18.37	9.00	29.50	10.94	7.43	--	--	--	--	--	--	--	--
05/06/2004	--		18.37	9.00	29.50	11.75	6.62	--	--	--	--	--	--	--	--
09/02/2004	--		18.37	9.00	29.50	12.15	6.22	--	--	--	--	--	--	--	--
11/29/2004	--		18.37	9.00	29.50	11.87	6.50	--	--	--	--	--	--	--	--
02/02/2005	--		18.37	9.00	29.50	10.42	7.95	--	--	--	--	--	--	--	--
05/09/2005	--		18.37	9.00	29.50	10.49	7.88	--	--	--	--	--	--	--	--
08/11/2005	--		18.37	9.00	29.50	12.02	6.35	--	--	--	--	--	--	--	--
02/09/2006	--		18.37	9.00	29.50	11.27	7.10	--	--	--	--	--	--	--	--
8/11/2006	--		18.37	9.00	29.50	11.83	6.54	--	--	--	--	--	--	--	--
2/7/2007	--		18.37	9.00	29.50	11.82	6.55	--	--	--	--	--	--	--	--
8/14/2007	--		**18.37**	**9.00**	**29.50**	**12.06**	**6.31**	--	--	--	--	--	--	--	--
A-4															
6/26/2000	--		15.25	8.00	**28.00**	10.99	4.26	--	--	--	--	--	--	--	--
7/20/2000	--		15.25	8.00	**28.00**	11.16	4.09	--	--	--	--	--	--	--	--
9/19/2000	--		15.25	8.00	**28.00**	11.97	3.28	--	--	--	--	--	--	--	--
12/26/2000	--		15.25	8.00	**28.00**	11.19	4.06	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/20/2001	--		15.25	8.00	**28.00**	9.81	5.44	--	--	--	--	--	--	--	--
6/12/2001	--		15.25	8.00	**28.00**	11.12	4.13	--	--	--	--	--	--	--	--
9/23/2001	--		15.25	8.00	**28.00**	11.63	3.62	--	--	--	--	--	--	--	--

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-4 Cont.															
12/28/2001	--		15.25	8.00	**28.00**	8.41	6.84	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/21/2002	--		15.25	8.00	**28.00**	8.63	6.62	--	--	--	--	--	--	--	--
4/17/2002	--		15.25	8.00	**28.00**	9.68	5.57	--	--	--	--	--	--	--	--
8/14/2002	--		15.25	8.00	**28.00**	11.31	3.94	--	--	--	--	--	--	--	--
11/27/2002	--		15.25	8.00	**28.00**	11.25	4.00	--	--	--	--	--	--	--	--
2/12/2003	--	d	15.25	8.00	**28.00**	10.37	4.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.1
5/22/2003	--		15.25	8.00	**28.00**	10.42	4.83	--	--	--	--	--	--	--	--
7/23/2003	--		15.25	8.00	**28.00**	11.02	4.23	--	--	--	--	--	--	--	--
02/16/2004	--	g, i	18.01	8.00	28.00	9.65	8.36	--	--	--	--	--	--	--	--
05/06/2004	--		18.01	8.00	28.00	10.68	7.33	--	--	--	--	--	--	--	--
09/02/2004	--		18.01	8.00	28.00	10.83	7.18	--	--	--	--	--	--	--	--
11/29/2004	--		18.01	8.00	28.00	10.50	7.51	--	--	--	--	--	--	--	--
02/02/2005	--		18.01	8.00	28.00	9.22	8.79	--	--	--	--	--	--	--	--
05/09/2005	--		18.01	8.00	28.00	8.98	9.03	--	--	--	--	--	--	--	--
08/11/2005	--		18.01	8.00	28.00	10.99	7.02	--	--	--	--	--	--	--	--
02/09/2006	--		18.01	8.00	28.00	10.15	7.86	--	--	--	--	--	--	--	--
8/11/2006	--		18.01	8.00	28.00	10.30	7.71	--	--	--	--	--	--	--	--
2/7/2007	--		18.01	8.00	28.00	10.63	7.38	--	--	--	--	--	--	--	--
8/14/2007	--		**18.01**	**8.00**	**28.00**	**10.70**	**7.31**	--	--	--	--	--	--	--	--
A-5															
6/26/2000	--		13.51	8.00	**30.00**	10.04	3.47	--	--	--	--	--	--	--	--
7/20/2000	--		13.51	8.00	**30.00**	10.31	3.20	730	140	11	<0.5	8.9	3	--	--
9/19/2000	--		13.51	8.00	**30.00**	10.55	2.96	160	13	<0.5	2.8	1.9	<3	--	--
12/26/2000	--		13.51	8.00	**30.00**	10.37	3.14	8,120	465	108	659	1,450	<250	--	--
3/20/2001	--		13.51	8.00	**30.00**	8.81	4.70	7,990	1,110	473	611	1,580	<250	--	--
6/12/2001	--		13.51	8.00	**30.00**	10.13	3.38	450	91	18	35	95	<5.0	--	--
9/23/2001	--		13.51	8.00	**30.00**	10.80	2.71	110	20	<0.5	5	5	2.7	--	--
12/28/2001	--		13.51	8.00	**30.00**	8.17	5.34	320	24	2	20	27	5	--	--
3/21/2002	--		13.51	8.00	**30.00**	7.78	5.73	2,500	420	85	130	350	31	--	--
4/17/2002	--		13.51	8.00	**30.00**	8.68	4.83	1,300	190	36	67	210	<25	--	--

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-5 Cont.															
8/14/2002	--	b	13.51	8.00	**30.00**	10.41	3.10	840	150	<5.0	68	41	<25	1.4	6.8
11/27/2002	--	b	13.51	8.00	**30.00**	10.50	3.01	300	26	2.3	17	6	<0.5	1.16	7.2
2/12/2003	--	d	13.51	8.00	**30.00**	10.81	2.70	<500	74	7	34	45	<5.0	1.0	7.3
5/22/2003	--		13.51	8.00	**30.00**	9.46	4.05	500	100	9	28	47	<5.0	1.0	7.6
7/23/2003	--		13.51	8.00	**30.00**	10.29	3.22	900	100	5.7	65	57	<5.0	4.5	8.4
11/13/2003	NP	f	13.51	8.00	30.00	11.24	2.27	1,800	210	5.1	190	140	<5.0	4.3	7.32
02/16/2004	NP	h, i	16.09	8.00	30.00	9.45	6.64	680	52	15	50	77	<0.50	5.0	7.8
05/06/2004	P		16.09	8.00	30.00	10.28	5.81	1,500	140	13	72	110	<2.5	1.03	6.93
09/02/2004	NP		16.09	8.00	30.00	10.78	5.31	690	69	1.3	42	35	<1.0	1.3	7.1
11/29/2004	NP		16.09	8.00	30.00	10.05	6.04	<5,000	360	<50	190	290	<50	1.0	7.0
02/02/2005	NP		16.09	8.00	30.00	8.37	7.72	220	31	2.3	10	13	<0.50	0.6	7.4
05/09/2005	NP		16.09	8.00	30.00	8.45	7.64	110	1.7	<0.50	1.4	1.1	<0.50	2.5	7.6
08/11/2005	NP		16.09	8.00	30.00	10.11	5.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	7.3
02/09/2006	NP	o	16.09	8.00	30.00	9.02	7.07	<50	0.62	<0.50	<0.50	<0.50	<0.50	0.89	7.3
8/11/2006	NP		16.09	8.00	30.00	9.77	6.32	400	13	3.4	8.0	58	<0.50	2.16	7.2
2/7/2007	P		16.09	8.00	30.00	9.90	6.19	10,000	670	120	1,100	3,100	<10	2.12	7.03
8/14/2007	**NP**		**16.09**	**8.00**	**30.00**	**9.70**	**6.39**	**28,000**	**260**	**68**	**3,000**	**7,800**	**<10**	**1.37**	**7.80**
A-6															
6/26/2000	--		13.51	8.00	**28.50**	10.09	3.42	--	--	--	--	--	--	--	--
7/20/2000	--		13.51	8.00	**28.50**	10.91	2.60	170	<0.5	<0.5	0.6	2	6	--	--
9/19/2000	--		13.51	8.00	**28.50**	11.27	2.24	<50	<0.5	<0.5	<0.5	<1.0	6	--	--
12/26/2000	--		13.51	8.00	**28.50**	10.65	2.86	56.2	<0.5	<0.5	<0.5	<0.5	8.17	--	--
3/20/2001	--		13.51	8.00	**28.50**	8.72	4.79	216	<0.5	<0.5	<0.5	1.8	19.9	--	--
6/12/2001	--		13.51	8.00	**28.50**	10.80	2.71	80	0.62	<0.5	<0.5	<0.5	15	--	--
9/23/2001	--		13.51	8.00	**28.50**	10.79	2.72	450	1.7	1.9	2.3	3.3	53	--	--
12/28/2001	--		13.51	8.00	**28.50**	8.05	5.46	270	0.98	3.5	0.77	1.4	26	--	--
3/21/2002	--		13.51	8.00	**28.50**	7.83	5.68	130	<0.5	<0.5	<0.5	<0.5	19	--	--
4/17/2002	--		13.51	8.00	**28.50**	8.73	4.78	<50	<0.5	<0.5	<0.5	<0.5	16	--	--
8/14/2002	--	b	13.51	8.00	**28.50**	10.43	3.08	980	4.8	2.6	2	4.9	75	1.5	7.1
11/27/2002	--	b	13.51	8.00	**28.50**	10.47	3.04	280	<0.5	0.74	<0.5	<0.5	16	0.9	6.9

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-6 Cont.															
2/12/2003	--	d	13.51	8.00	**28.50**	10.44	3.07	51	<0.50	<0.50	<0.50	<0.50	9.9	0.8	7.1
5/22/2003	--		13.51	8.00	**28.50**	9.43	4.08	<50	<0.50	<0.50	<0.50	<0.50	11	1.2	8.2
7/23/2003	--		13.51	8.00	**28.50**	10.27	3.24	120	<0.50	<0.50	<0.50	<0.50	14	>20	9.6
11/13/2003	NP	f	13.51	8.00	28.50	11.20	2.31	<50	<0.50	<0.50	<0.50	<0.50	2.3	6.2	9.0
02/16/2004	NP	h, i	16.10	8.00	28.50	9.76	6.34	50	<0.50	<0.50	<0.50	<0.50	3.9	6.5	8.3
05/06/2004	P		16.10	8.00	28.50	10.03	6.07	110	<0.50	<0.50	<0.50	<0.50	7.1	1.01	7.02
09/02/2004	NP		16.10	8.00	28.50	10.47	5.63	56	<0.50	<0.50	<0.50	<0.50	4.4	3.2	7.4
11/29/2004	NP		16.10	8.00	28.50	9.99	6.11	<50	<0.50	<0.50	<0.50	<0.50	2.9	0.92	6.9
02/02/2005	NP		16.10	8.00	28.50	8.46	7.64	150	<0.50	<0.50	<0.50	<0.50	14	0.5	7.4
05/09/2005	NP		16.10	8.00	28.50	8.55	7.55	93	<0.50	<0.50	<0.50	<0.50	12	3.0	7.2
08/11/2005	NP		16.10	8.00	28.50	10.13	5.97	780	<0.50	<0.50	<0.50	<0.50	14	1.0	6.9
02/09/2006	NP	o	16.10	8.00	28.50	9.23	6.87	210	<0.50	<0.50	<0.50	<0.50	17	1.27	6.8
8/11/2006	NP		16.10	8.00	28.50	9.95	6.15	920	<0.50	<0.50	<0.50	<0.50	21	1.6	7.0
2/7/2007	P		16.10	8.00	28.50	9.72	6.38	170	<0.50	<0.50	<0.50	1.4	7.1	2.18	7.24
8/14/2007	**NP**		**16.10**	**8.00**	**28.50**	**9.82**	**6.28**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**2.3**	**1.72**	**8.22**
ADR-1															
6/26/2000	--		13.95	5.00	**22.00**	10.55	3.40	--	--	--	--	--	--	--	--
7/20/2000	--		13.95	5.00	**22.00**	10.85	3.10	180	29	<0.5	0.8	<1.0	22	--	--
9/19/2000	--		13.95	5.00	**22.00**	11.08	2.87	120	7.4	<0.5	1.2	<1.0	22	--	--
12/26/2000	--		13.95	5.00	**22.00**	10.93	3.02	<50	1.29	<0.5	<0.5	<0.5	14.7	--	--
3/20/2001	--		13.95	5.00	**22.00**	9.32	4.63	225	23.4	<0.5	8.71	4.13	10.8	--	--
6/12/2001	--		13.95	5.00	**22.00**	10.65	3.30	250	23	0.5	13	4.2	7.5	--	--
9/23/2001	--		13.95	5.00	**22.00**	11.25	2.70	<50	1.4	<0.5	<0.5	0.57	2.8	--	--
12/28/2001	--		13.95	5.00	**22.00**	8.43	5.52	250	16	<0.5	1.2	4.1	6.8	--	--
3/21/2002	--		13.95	5.00	**22.00**	8.27	5.68	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
4/17/2002	--		13.95	5.00	**22.00**	9.17	4.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
8/14/2002	--		13.95	5.00	**22.00**	11.88	2.07	<50	1.1	<0.5	<0.5	<0.5	<2.5	3.4	6.7
11/27/2002	--		13.95	5.00	**22.00**	10.91	3.04	<50	0.54	<0.5	<0.5	<0.5	1.1	1.8	6.8
2/12/2003	--	d	13.95	5.00	**22.00**	9.95	4.00	<50	<0.50	<0.50	<0.50	<0.50	0.73	1.9	7.2
5/22/2003	--		13.95	5.00	**22.00**	9.86	4.09	<50	0.96	<0.50	<0.50	<0.50	3.5	1.2	7.3

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Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
ADR-1 Cont.															
7/23/2003	--		13.95	5.00	**22.00**	10.59	3.36	<50	2.5	<0.50	0.56	<0.50	4	>20	9.4
11/13/2003	--	f	13.95	5.00	22.00	11.15	2.80	<50	0.60	<0.50	<0.50	<0.50	1.6	8.5	8.2
02/16/2004	NP	f, i	16.56	5.00	22.00	9.43	7.13	<50	<0.50	<0.50	<0.50	<0.50	1.6	5.5	9.6
05/07/2004	NP		16.56	5.00	22.00	10.41	6.15	<500	5.3	<5.0	<5.0	<5.0	<5.0	1.72	7.0
09/02/2004	NP		16.56	5.00	22.00	10.73	5.83	<50	<0.50	<0.50	<0.50	<0.50	0.84	18.1	8.4
11/29/2004	NP		16.56	5.00	22.00	10.30	6.26	<50	3.0	<0.50	<0.50	<0.50	<0.50	0.77	6.9
02/02/2005	NP		16.56	5.00	22.00	9.02	7.54	<50	<0.50	<0.50	<0.50	<0.50	3.4	0.5	7.5
05/09/2005	NP		16.56	5.00	22.00	8.92	7.64	<50	<0.50	<0.50	<0.50	<0.50	2.6	2.9	7.3
08/11/2005	NP		16.56	5.00	22.00	10.57	5.99	67	2.8	<0.50	<0.50	<0.50	4.0	0.6	6.0
02/09/2006	NP	o	16.56	5.00	22.00	10.05	6.51	<50	<0.50	<0.50	<0.50	<0.50	2.9	1.09	7.0
8/11/2006	NP		16.56	5.00	22.00	10.20	6.36	76	<0.50	<0.50	<0.50	<0.50	2.2	1.06	7.1
2/7/2007	NP		16.56	5.00	22.00	10.15	6.41	<50	<0.50	<0.50	<0.50	<0.50	3.8	0.64	7.33
8/14/2007	**NP**		**16.56**	**5.00**	**22.00**	**10.30**	**6.26**	**560**	**11**	**1.7**	**12**	**2.5**	**3.6**	**0.94**	**7.38**
ADR-2															
6/26/2000	--		14.64	5.00	**22.00**	11.22	3.42	--	--	--	--	--	--	--	--
7/20/2000	--		14.64	5.00	**22.00**	11.60	3.04	12,000	410	2.5	540	720	23	--	--
9/19/2000	--		14.64	5.00	**22.00**	11.81	2.83	1,400	530	5	680	740	34	--	--
12/26/2000	--		14.64	5.00	**22.00**	11.52	3.12	901	26.6	<5.0	21.4	32.5	32.8	--	--
3/20/2001	--	j	14.64	5.00	**22.00**	10.10	4.54	--	--	--	--	--	--	--	--
6/12/2001	--	j	14.64	5.00	**22.00**	11.41	3.23	--	--	--	--	--	--	--	--
9/23/2001	--		14.64	5.00	**22.00**	11.98	2.66	5,300	370	<5.0	550	96	60	--	--
12/28/2001	--		14.64	5.00	**22.00**	9.48	5.16	2,600	190	<5.0	160	29	61	--	--
3/21/2002	--		14.64	5.00	**22.00**	9.10	5.54	180	6	<0.5	4.5	3.2	15	--	--
4/17/2002	--		14.64	5.00	**22.00**	9.93	4.71	730	86	<0.5	13	<0.5	<25	--	--
8/14/2002	--	b	14.64	5.00	**22.00**	12.09	2.55	1,300	170	<10	100	47	<50	0.9	7.0
11/27/2002	--	b	14.64	5.00	**22.00**	11.66	2.98	1,800	240	3.1	120	14	74	0.6	6.9
2/12/2003	--	d	14.64	5.00	**22.00**	10.74	3.90	760	120	<5.0	15	5.2	22	1.3	7.1
5/22/2003	--		14.64	5.00	**22.00**	10.67	3.97	520	110	<5.0	7.1	<5.0	9.7	0.7	7.6
7/23/2003	--		14.64	5.00	**22.00**	11.38	3.26	140	2.8	<0.50	5	0.98	8.4	>20	9.4
02/16/2004	--	f, i	17.24	5.00	22.00	10.26	6.98	--	--	--	--	--	--	--	--

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
ADR-2 Cont.															
05/06/2004	--		17.24	5.00	22.00	11.05	6.19	--	--	--	--	--	--	--	--
09/02/2004	P		17.24	5.00	22.00	11.50	5.74	<500	67	<5.0	71	12	5.6	0.7	7.4
11/29/2004	--		17.24	5.00	22.00	11.20	6.04	--	--	--	--	--	--	--	--
02/02/2005	--		17.24	5.00	22.00	9.76	7.48	--	--	--	--	--	--	--	--
05/09/2005	--		17.24	5.00	22.00	11.18	6.06	--	--	--	--	--	--	--	--
08/11/2005	NP		17.24	5.00	22.00	11.30	5.94	1,900	200	<2.5	160	9.6	9.0	0.6	6.6
02/09/2006	--		17.24	5.00	22.00	9.60	7.64	--	--	--	--	--	--	--	--
8/11/2006	NP		17.24	5.00	22.00	11.13	6.11	570	54	<1.0	2.2	<1.0	4.6	0.8	7.1
2/7/2007	--		17.24	5.00	22.00	11.08	6.16	--	--	--	--	--	--	--	--
8/14/2007	**NP**		**17.24**	**5.00**	**22.00**	**11.28**	**5.96**	**520**	**5.4**	**<0.50**	**3.6**	**<0.50**	**5.3**	**0.65**	**7.37**
AR-1															
6/26/2000	--		15.61	8.00	28.00	11.59	4.02	--	--	--	--	--	--	--	--
7/20/2000	--		15.61	8.00	28.00	12.06	3.55	<50	<0.5	<0.5	<0.5	<1.0	6	--	--
9/19/2000	--		15.61	8.00	28.00	11.89	3.72	<50	<0.5	<0.5	<0.5	<1.0	<3	--	--
12/26/2000	--		15.61	8.00	28.00	11.95	3.66	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/20/01	--	a	15.61	8.00	28.00	--	--	--	--	--	--	--	--	--	--
6/12/2001	--		15.61	8.00	28.00	11.87	3.74	<50	<0.5	<0.5	<0.5	<0.5	17	--	--
9/23/2001	--		15.61	8.00	28.00	12.42	3.19	--	--	--	--	--	--	--	--
12/28/2001	--		15.61	8.00	28.00	7.62	7.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/21/2002	--		15.61	8.00	28.00	9.37	6.24	--	--	--	--	--	--	--	--
4/17/2002	--		15.61	8.00	28.00	10.43	5.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
8/14/2002	--		15.61	8.00	28.00	12.08	3.53	<50	<0.5	<0.5	<0.5	1.3	<2.5	2.2	7.9
11/27/2002	--		15.61	8.00	28.00	12.00	3.61	--	--	--	--	--	--	--	--
2/12/2003	--	d	15.61	8.00	28.00	10.89	4.72	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	7.9
5/22/2003	--		15.61	8.00	28.00	11.18	4.43	--	--	--	--	--	--	--	--
7/23/2003	--		15.61	8.00	28.00	11.73	3.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	7.7
11/13/2003	--		15.61	8.00	28.00	12.05	3.56	--	--	--	--	--	--	--	--
02/16/2004	--		18.18	8.00	28.00	10.35	7.83	--	--	--	--	--	--	--	--
05/06/2004	--		18.18	8.00	28.00	11.60	6.58	--	--	--	--	--	--	--	--
09/02/2004	P		18.18	8.00	28.00	11.88	6.30	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	7.8

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
AR-1 Cont.															
11/29/2004	--		18.18	8.00	28.00	11.55	6.63	--	--	--	--	--	--	--	--
02/02/2005	--		18.18	8.00	28.00	9.92	8.26	--	--	--	--	--	--	--	--
05/09/2005	--		18.18	8.00	28.00	10.19	7.99	--	--	--	--	--	--	--	--
08/11/2005	P	n	18.18	8.00	28.00	11.80	6.38	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.4	7.6
02/09/2006	--		18.18	8.00	28.00	10.49	7.69	--	--	--	--	--	--	--	--
8/11/2006	P		18.18	8.00	28.00	11.48	6.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.42	8.1
2/7/2007	--	e	18.18	8.00	28.00	--	--	--	--	--	--	--	--	--	--
8/14/2007	**--**	**e**	**18.18**	**8.00**	**28.00**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
AR-2															
6/26/2000	--		15.28	8.50	**28.50**	11.79	3.49	--	--	--	--	--	--	--	--
7/20/2000	--		15.28	8.50	**28.50**	12.07	3.21	<50	<0.5	<0.5	<0.5	<1.0	<3	--	--
9/19/2000	--		15.28	8.50	**28.50**	12.08	3.20	<50	<0.5	<0.5	<0.5	<1.0	<3	--	--
12/26/2000	--		15.28	8.50	**28.50**	11.95	3.33	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/20/2001	--		15.28	8.50	**28.50**	10.50	4.78	--	--	--	--	--	--	--	--
6/12/2001	--		15.28	8.50	**28.50**	11.73	3.55	<50	<0.5	<0.5	<0.5	<0.5	82	--	--
9/23/2001	--		15.28	8.50	**28.50**	12.43	2.85	--	--	--	--	--	--	--	--
12/28/2001	--		15.28	8.50	**28.50**	8.60	6.68	<50	<0.5	<0.5	<0.5	<0.5	30	--	--
3/21/2002	--		15.28	8.50	**28.50**	9.49	5.79	--	--	--	--	--	--	--	--
4/17/2002	--		15.28	8.50	**28.50**	10.37	4.91	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--
8/14/2002	--		15.28	8.50	**28.50**	12.13	3.15	<50	<0.5	<0.5	<0.5	<0.5	<2.5	1.4	7.9
11/27/2002	--		15.28	8.50	**28.50**	12.08	3.20	--	--	--	--	--	--	--	--
2/12/2003	--	d	15.28	8.50	**28.50**	11.15	4.13	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	7.5
5/22/2003	--		15.28	8.50	**28.50**	11.18	4.10	--	--	--	--	--	--	--	--
7/23/2003	--		15.28	8.50	**28.50**	11.85	3.43	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	8.2
11/13/2003	--	f	15.28	8.50	28.50	11.98	3.30	--	--	--	--	--	--	--	--
02/16/2004	--	f, i	17.87	8.50	28.50	10.69	7.18	--	--	--	--	--	--	--	--
05/06/2004	--		17.87	8.50	28.50	11.55	6.32	--	--	--	--	--	--	--	--
09/02/2004	--	k	17.87	8.50	28.50	--	--	--	--	--	--	--	--	--	--
09/20/2004	NP		17.87	8.50	28.50	11.98	5.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	10.4
11/29/2004	--		17.87	8.50	28.50	12.62	5.25	--	--	--	--	--	--	--	--

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

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
AR-2 Cont.															
02/02/2005	--		17.87	8.50	28.50	10.12	7.75	--	--	--	--	--	--	--	--
05/09/2005	--		17.87	8.50	28.50	10.13	7.74	--	--	--	--	--	--	--	--
08/11/2005	NP		17.87	8.50	28.50	11.73	6.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	7.3
02/09/2006	--		17.87	8.50	28.50	10.03	7.84	--	--	--	--	--	--	--	--
8/11/2006	NP		17.87	8.50	28.50	11.61	6.26	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	7.4
2/7/2007	--		17.87	8.50	28.50	11.52	6.35	--	--	--	--	--	--	--	--
8/14/2007	**NP**		**17.87**	**8.50**	**28.50**	**11.75**	**6.12**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**0.86**	**7.41**

ABBREVIATIONS & SYMBOLS:
-- = 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 measured in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether analyzed by EPA Method 8021B unless otherwise noted
NP = Well not purged prior to sampling
P = Well purged prior to sampling
TOC = Top of casing measured in ft MSL
TPH-g = Total petroleum hydrocarbons as gasoline
µg/L = Micrograms per liter

FOOTNOTES:
a = Well was covered by stockpiled soil and not accessible.
b = GRO/TPH-g chromatogram pattern: Gasoline C6-C10.
c = Primary and confirmation results for xylene varied by greater than 40% RPD. The values may still be useful for their intended purpose.
d = TPH-g, BTEX, and MTBE analyzed using EPA Method 8260B starting first quarter 2003.
e = Well inaccessible.
f = ORC sock in well.
g = Well removed from annual sampling schedule.
h = ORC sock removed prior to gauging.
i = Site re-survey to NAV'88 datum on January 30, 2004.
j = Sheen in well.
k = Car parked over well AR-2 during monitoring event on 9/2/04. Well was sampled 9/20/04.
m = Hydrocarbon result partly due to individual peak(s) in quant. range.
n = Possible low bias for GRO due to CCV falling outside acceptance criteria.
o = Initial analysis within holding time but failed QA/QC criteria.

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

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

Top and bottom of screen depths for wells ADR-1 and ADR-2 are estimated from EMCON sampling sheets.

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 #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-1									
2/12/2003	<40	<20	2.9	<0.50	<0.50	<0.50	--	--	
5/22/2003	<100	<20	4.9	<0.50	<0.50	<0.50	--	--	
7/23/2003	<100	<20	10	<0.50	<0.50	<0.50	<0.50	<0.50	
11/13/2003	<100	<20	4.2	<0.50	<0.50	<0.50	--	--	
02/16/2004	<100	<20	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	
05/06/2004	<100	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<100	<20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
02/02/2005	<100	<20	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	a
05/09/2005	<100	<20	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	4.2	<0.50	<0.50	<0.50	<0.50	<0.50	a
02/09/2006	<300	<20	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	b
8/11/2006	<300	<20	3.7	<0.50	<0.50	<0.50	<0.50	<0.50	
2/7/2007	<300	<20	20	<0.50	<0.50	<0.50	<0.50	<0.50	
8/14/2007	**<300**	**<20**	**1.8**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**d (1,2-DCA)**
A-2									
2/12/2003	<40	<20	12	<0.50	<0.50	<0.50	--	--	
7/23/2003	<100	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<100	<20	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	a
8/11/2006	<300	<20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
8/14/2007	**<300**	**<20**	**0.65**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**d (1,2-DCA)**
A-3									
2/12/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	--	--	
A-4									
2/12/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	--	--	
A-5									
2/12/2003	<400	<200	<5.0	<5.0	<5.0	<5.0	--	--	
5/22/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	--	--	

Table 2. Summary of Fuel Additives Analytical Data

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-5 Cont.									
7/23/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/13/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	--	--	
02/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
05/06/2004	<500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
09/02/2004	<200	<40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/29/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
02/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
05/09/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
02/09/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
8/11/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/7/2007	<6,000	<400	<10	<10	<10	<10	<10	<10	
8/14/2007	**<6,000**	**<400**	**<10**	**<10**	**<10**	**<10**	**<10**	**<10**	**d (1,2-DCA)**
A-6									
2/12/2003	<40	<20	9.9	<0.50	<0.50	<0.50	--	--	
5/22/2003	<100	<20	11	<0.50	<0.50	0.6	--	--	
7/23/2003	<100	<20	14	<0.50	<0.50	0.54	<0.50	<0.50	
11/13/2003	<100	<20	2.3	<0.50	<0.50	<0.50	--	--	
02/16/2004	<100	<20	3.9	<0.50	<0.50	<0.50	<0.50	<0.50	
05/06/2004	<100	<20	7.1	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<100	<20	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2004	<100	<20	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	
02/02/2005	<100	<20	14	<0.50	<0.50	0.91	<0.50	<0.50	a
05/09/2005	<100	<20	12	<0.50	<0.50	0.66	<0.50	<0.50	
08/11/2005	<100	<20	14	<0.50	<0.50	2.2	<0.50	<0.50	a
02/09/2006	<300	<20	17	<0.50	<0.50	1.2	<0.50	<0.50	b
8/11/2006	<300	<20	21	<0.50	<0.50	<0.50	<0.50	<0.50	
2/7/2007	<300	<20	7.1	<0.50	<0.50	<0.50	<0.50	<0.50	
8/14/2007	**<300**	**<20**	**2.3**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**d (1,2-DCA)**
ADR-1									

Table 2. Summary of Fuel Additives Analytical Data

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ADR-1 Cont.									
2/12/2003	<40	<20	0.73	<0.50	<0.50	<0.50	--	--	
5/22/2003	<100	<20	3.5	<0.50	<0.50	<0.50	--	--	
7/23/2003	<100	<20	4	<0.50	<0.50	<0.50	<0.50	<0.50	
11/13/2003	<100	<20	1.6	<0.50	<0.50	<0.50	--	--	
02/16/2004	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
05/07/2004	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
09/02/2004	<100	<20	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
02/02/2005	<100	<20	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	a
05/09/2005	<100	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	a
02/09/2006	<300	<20	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	b
8/11/2006	<300	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
2/7/2007	<300	<20	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
8/14/2007	**<300**	**<20**	**3.6**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**d (1,2-DCA)**
ADR-2									
2/12/2003	<400	<200	22	<5.0	<5.0	<5.0	--	--	
5/22/2003	<1,000	<200	9.7	<5.0	<5.0	<5.0	--	--	
7/23/2003	<100	<20	8.4	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<1,000	<200	5.6	<5.0	<5.0	<5.0	<5.0	<5.0	
08/11/2005	<500	<100	9.0	<2.5	<2.5	<2.5	<2.5	<2.5	a
8/11/2006	<600	<40	4.6	<1.0	<1.0	<1.0	<1.0	<1.0	a, c
8/14/2007	**<300**	**<20**	**5.3**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**d (1,2-DCA)**
AR-1									
2/12/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	--	--	
7/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/11/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
AR-2									

Table 2. Summary of Fuel Additives Analytical Data

Station #2169, 889 W. Grand Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
AR-2 Cont.									
2/12/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	--	--	
7/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/20/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
8/11/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/14/2007	**<300**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**d (1,2-DCA)**

ABBREVIATIONS & SYMBOLS:
-- = 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
g/L = Micrograms per Liter

FOOTNOTES:
a = Calibration verification was within method limits but outside contract limits for ethanol.
b = Initial analysis within holding time but failed QA/QC criteria.
c = Possible high bias due to CCV failing outside acceptance criteria for TBA.
d = CCV recovery above limit; analyte not detected.

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 #2169, 889 W. Grand Ave., Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
7/20/2000	Northwest	0.004
9/19/2000	West-Northwest	0.003
12/26/2000	Northwest	0.004
3/20/2001	Northwest	0.003
6/12/2001	Northwest	0.004
9/23/2001	Northwest	0.004
12/28/2001	Variable	Variable
3/21/2002	Northwest	0.004
4/17/2002	Northwest	0.003
8/14/2002	West	0.003
11/27/2002	West	0.003
2/12/2003	South	0.005
5/22/2003	West to Northwest	0.002 to 0.003
7/23/2003	Southwest to Northwest	0.005 to 0.004
11/13/2003	Southwest	0.009
2/16/2004	Southwest	0.009
5/6/2004	Southwest	0.004
9/2/2004	West-Northwest	0.005
11/29/2004	West to Southwest	0.005 to 0.006
2/2/2005	Northwest to Southwest	0.005
5/9/2005	Northwest	0.01
8/11/2005	West	0.004
2/9/2006	West	0.003
8/11/2006	Northwest*	0.005
2/7/2007	North-Northwest*	0.004
8/14/2007	**Northwest**	**0.005**

* = Base map provided to Broadbent & Associates, Inc. incorrectly oriented north arrow 47° east of true north. Flow directions from Broadbent & Associates, Inc. reports for Third Quarter 2006 and First Quarter 2007 corrected in table above.

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

APPENDIX A

STRATUS GROUND-WATER SAMPLING DATA PACKAGE
(INCLUDES FIELD DATA SHEETS, LABORATORY REPORT AND CHAIN OF CUSTODY DOCUMENTATION)

STRATUS
ENVIRONMENTAL, INC.

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

September 20, 2007

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

Re: Groundwater Sampling Data Package, BP Service Station No. 2169, located at 889 West Grand Avenue, Oakland, California

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson
Phone Number: (530) 676-6000
On-Site Supplier Representative: Jerry Gonzales

Sampling Date: August 14, 2007
Arrival: 08:30 *Departure:* 11:25
Weather Conditions: Clear
Unusual Field Conditions: None
Scope of Work Performed: Unable to open Well AR-1 due to broken bolt. A technician will be sent out to repair.
Variations from Work Scope: None noted

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

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Jay R. Johnson, P.G.
Project Manager

Attachments:

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

cc: Mr. Paul Supple, BP/ARCO

BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

AR 830

Gauge Date: 8-14-07

Project Name: *Oakland - 889 W. Grand Avenue*

Field Technician: Jerry

Project Number: *2169*

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			
A-1	9:16			10.43	23.65					
A-2	9:05			11.28	24.48					
A-3	9:01			12.06	28.20					
A-4	8:55			10.70	27.50					
A-5	8:46			9.50	24.00					
A-6	8:40			9.82	26.75					
AR-1										Cannot Open
AR-2	9:09			11.35	28.50					
ADR-1	9:19			10.30	20.77					
ADR-2	9:12			11.28	25.39					

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: JC WELL I.D.: A-1

CLIENT NAME: SAMPLED BY: JC SAMPLE I.D.: A-1

LOCATION: Oakland - 889 W. Grand Avenue QA SAMPLES:

DATE PURGED 8.14.07 START (2400hr) 9:59 END (2400hr) 10:01

DATE SAMPLED 8.14.07 SAMPLE TIME (2400hr) 10:00

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

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

DEPTH TO BOTTOM (feet) = 23.65 CASING VOLUME (gal) = 5.0

DEPTH TO WATER (feet) = 10.43 CALCULATED PURGE (gal) = 15.0

WATER COLUMN HEIGHT (feet) = 13.2 ACTUAL PURGE (gal) = NP. 8

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (µmhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8.14.07	10:01	8	20.6	754	7.46	Clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.43 SAMPLE TURBIDITY: Clear

80% RECHARGE: ✓ YES ____ NO ANALYSES: 8260

ODOR: No SAMPLE VESSEL / PRESERVATIVE: 3 VOA HCl

PURGING EQUIPMENT

____ Bladder Pump ____ Bailer (Teflon)

____ Centrifugal Pump ____ Bailer (PVC)

____ Submersible Pump ____ Bailer (Stainless Steel)

____ Peristaltic Pump ____ Dedicated ____

Other: ____

Pump Depth: 20

SAMPLING EQUIPMENT

____ Bladder Pump ____ Bailer (Teflon)

____ Centrifugal Pump ✓ Bailer (____ PVC or ✓ disposable)

____ Submersible Pump ____ Bailer (Stainless Steel)

____ Peristaltic Pump ____ Dedicated ____

Other: ____

WELL INTEGRITY: ____ LOCK#: None

REMARKS: DO - 1.32

SIGNATURE: [signature] Page ____ of ____

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: JC WELL I.D.: A-2

CLIENT NAME: SAMPLED BY: SC SAMPLE I.D.: A-2

LOCATION: Oakland - 889 W. Grand Avenue QA SAMPLES:

DATE PURGED 8.14.07 START (2400hr) 10:19 END (2400hr) 1051

DATE SAMPLED 8.14.07 SAMPLE TIME (2400hr) 10:50

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

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

DEPTH TO BOTTOM (feet) = 24.48 CASING VOLUME (gal) = 5.0

DEPTH TO WATER (feet) = 11.28 CALCULATED PURGE (gal) = 15.0

WATER COLUMN HEIGHT (feet) = 13.2 ACTUAL PURGE (gal) = NP 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8.14.07	1051	0	21.0	633	7.54	clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 11.28 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO ANALYSES: 5W1.0

ODOR: no SAMPLE VESSEL / PRESERVATIVE: 3 VOA - HCl

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
___ Submersible Pump ___ Bailer (Stainless Steel)
___ Peristaltic Pump ___ Dedicated ____
Other: ____
Pump Depth: 0

SAMPLING EQUIPMENT

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

WELL INTEGRITY: Good LOCK#: Master

REMARKS: DO = 0.64

SIGNATURE: [signature] Page ___ of ___

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: JV WELL I.D.: MW-5

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

LOCATION: Oakland - 889 W. Grand Avenue QA SAMPLES: _____

DATE PURGED 8-14-07 START (2400hr) 9:28 END (2400hr) 9:51

DATE SAMPLED 8-14-07 SAMPLE TIME (2400hr) 9:50

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

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

DEPTH TO BOTTOM (feet) = 24.00 CASING VOLUME (gal) = 2.4

DEPTH TO WATER (feet) = 9.30 CALCULATED PURGE (gal) = 7.2

WATER COLUMN HEIGHT (feet) = 14.7 ACTUAL PURGE (gal) = N.P 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8-14-07	9:51	0	20.7	692	7.80	clear	
			NA	P			

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 9.30 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO ANALYSES: 5W-0

ODOR: Yes SAMPLE VESSEL / PRESERVATIVE: 3 VOA - HCl

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	X Bailer (___ PVC or X disposable)
___ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristaltic Pump	___ Dedicated _____	___ Peristaltic Pump	___ Dedicated _____
Other: _____		Other: _____	
Pump Depth: 0			

WELL INTEGRITY: Good LOCK#: MASTER

REMARKS: PO 1.33

SIGNATURE: _____ Page ___ of ___

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: JS WELL I.D.: A-6

CLIENT NAME: _____ SAMPLED BY: JC SAMPLE I.D.: A-6

LOCATION: Oakland - 889 W. Grand Avenue QA SAMPLES: _____

DATE PURGED 8-14-07 START (2400hr) 9:24 END (2400hr) 9:36

DATE SAMPLED 8-14-07 SAMPLE TIME (2400hr) 9:35

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

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

DEPTH TO BOTTOM (feet) = 26.75 CASING VOLUME (gal) = 2.7

DEPTH TO WATER (feet) = 9.82 CALCULATED PURGE (gal) = 8.6

WATER COLUMN HEIGHT (feet) = 16.9 ACTUAL PURGE (gal) = NP - 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8-14-07	9:36	0	22.1	327	8.32		
			NA	NP			

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 9.82 SAMPLE TURBIDITY: Clear

80% RECHARGE: X YES ___ NO ANALYSES: 8260

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

PURGING EQUIPMENT

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

Other: _____

Pump Depth: 20

SAMPLING EQUIPMENT

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

Other: _____

WELL INTEGRITY: Good LOCK#: Master

REMARKS: DO 1.72

SIGNATURE: _____ Page ___ of ___

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: JV WELL I.D.: AR-2

CLIENT NAME: SAMPLED BY: JV SAMPLE I.D.: AR-2

LOCATION: Oakland - 889 W. Grand Avenue QA SAMPLES:

DATE PURGED 8-14-07 START (2400hr) 11:04 END (2400hr) 11:06

DATE SAMPLED 8-14-07 SAMPLE TIME (2400hr) 11:05

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

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

DEPTH TO BOTTOM (feet) = 28.50 CASING VOLUME (gal) = 11.2

DEPTH TO WATER (feet) = 11.35 CALCULATED PURGE (gal) = 33.6

WATER COLUMN HEIGHT (feet) = 16.5 ACTUAL PURGE (gal) = 11 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8-14-07	11:06	11	21.4	708	7.41	clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 11.35 SAMPLE TURBIDITY: Clear

80% RECHARGE: X YES ___ NO ANALYSES: 5 W-0

ODOR: No SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCL

PURGING EQUIPMENT

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

Other: ____

Pump Depth: 0

SAMPLING EQUIPMENT

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

Other: ____

WELL INTEGRITY: good LOCK#: Master

REMARKS: DO - 0.86

SIGNATURE: [signature] Page ___ of ___

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: [illegible] WELL I.D.: ADR-1

CLIENT NAME: ______ SAMPLED BY: [illegible] SAMPLE I.D.: ADR-1

LOCATION: Oakland - 889 W. Grand Avenue QA SAMPLES: ______

DATE PURGED 8-14-07 START (2400hr) 10:18 END (2400hr) 10:21

DATE SAMPLED ______ SAMPLE TIME (2400hr) 10:20

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

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

DEPTH TO BOTTOM (feet) = 20.75 CASING VOLUME (gal) = 7.0

DEPTH TO WATER (feet) = 10.30 CALCULATED PURGE (gal) = 21.0

WATER COLUMN HEIGHT (feet) = 10.4 ACTUAL PURGE (gal) = NP 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8-14-07	1021	0	22.4	844	7.38	Clear	
			N	P			

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 1030 SAMPLE TURBIDITY: Clear

80% RECHARGE: X YES ____ NO ANALYSES: SWO

ODOR: No SAMPLE VESSEL / PRESERVATIVE: 3 VOA - HCl

PURGING EQUIPMENT

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

Other: ______

Pump Depth: 0

SAMPLING EQUIPMENT

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

Other: ______

WELL INTEGRITY: good LOCK#: Master

REMARKS: DO. 0.94

SIGNATURE: [signature] Page ____ of ____

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: [illegible] WELL I.D.: ADR-2

CLIENT NAME: _____ SAMPLED BY: [illegible] SAMPLE I.D.: ADR-2

LOCATION: Oakland - 889 W. Grand Avenue QA SAMPLES: _____

DATE PURGED 8-14-07 START (2400hr) 1037 END (2400hr) 1056

DATE SAMPLED 8-14-07 SAMPLE TIME (2400hr) 10:55

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

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

DEPTH TO BOTTOM (feet) = 25.57 CASING VOLUME (gal) = 2.5

DEPTH TO WATER (feet) = 11.28 CALCULATED PURGE (gal) = 22.7

WATER COLUMN HEIGHT (feet) = 14.2 ACTUAL PURGE (gal) = 10P 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8-14-07	10:36	0	21.6	876	7.37	clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 11.28 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO ANALYSES: 5W-0

ODOR: no SAMPLE VESSEL / PRESERVATIVE: 3 VOA - HCl

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	X Bailer (___ PVC or X disposable)
___ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated _____	___ Peristalic Pump	___ Dedicated _____
Other: _____		Other: _____	
Pump Depth: 0			

WELL INTEGRITY: Good LOCK#: Master

REMARKS: D.O 0.65

SIGNATURE: [signature] Page ___ of ___

Wellhead Observation Form

Account: _____

Sampled by: Jarrs Date: 8-14-07

Well ID	Box in good condition	Lock Missing (Replaced with new)	Water in Box	Bolts Missing	Bolts Stripped	Bolt-Holes Stripped	Cracked or Broken Lid	Cracked Box and/or Bolt - Holes	Misc.	Add'l -- Notes and Other Stuff
A-1	Y	Y	Y	Y	Y	Y	N	Y		
A-2	Y	N	Y	Y	—	—	N	Y		
A-3	Y	N	N	N	N	N	N	N		
A-4	Y	N	N	N	N	N	N	N		
A-5	Y	N	Y	—	—	—	N	N		Slip on Lid
A-6	Y	N	N	—	—	—	N	N		Stripped
AR-1	Y									
AR-2	Y	N								
ADR-1	Y	N	N	Y	—	—	N	Y		
ADR-2	Y	N	N	Y	—	—	N	~~Y~~		

NO. 635098

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

SITE:

NAME: BP WEST COAST PRODUCTS LLC ARCO # 7165

EPA I.D. NO: NOT REQUIRED

ADDRESS: P.O. BOX 80249
RANCHO SANTA MARGARITA

PROFILE NO:

CITY, STATE, ZIP: CA 92688

PHONE NO: ( )

CONTAINERS: No. _____ VOLUME: 1 Gal WEIGHT _____

TYPE: ☐ TANK TRUCK ☐ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER _____

WASTE DESCRIPTION: NON-HAZARDOUS WATER

GENERATING PROCESS: WELL PURGING/DECON WATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	5.		
2. TPH		<1%	6.		
3.			7. BESI#		
4.			8.		

PROPERTIES: pH 7-10 ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PROTECTIVE CLOTHING

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

Larry Moothart BESI for BP — 2/11/13

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

Transporter #1 — Transporter #2

NAME: STRATUS ENVIRONMENTAL

EPA I.D. NO:

ADDRESS: 3330 CAMERON PARK DR

SERVICE ORDER NO:

CITY, STATE, ZIP: CAMERON PARK, CA 95682

PICK UP DATE:

PHONE NO: 530-676-2031

TRUCK, UNIT, I.D. NO

Jerry Gonzales — 2/11/13

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: SEAPORT REFINING & ENVIRONMENTAL, LLC

EPA I.D. NO:

DISPOSAL METHOD

ADDRESS: 700 SEAPORT BLVD.

☐ LANDFILL ☐ OTHER _____

CITY, STATE, ZIP: REDWOOD CITY, CA 94063

PHONE NO: 650-364-1024

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CO	H/W/F NONE	DISCREPANCY

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 2169
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>2169
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy):

On-site Time: 8:30	Temp: 65
Off-site Time: 11:25	Temp: 71
Sky Conditions: clear	
Meteorological Events: none	
Wind Speed: 05	Direction:

Lab Name: TestAmerica	BP/AR Facility No.: 2169	Consultant/Contractor: Stratus Environmental, Inc.
Address: 885 Jarvis Drive	BP/AR Facility Address: 889 W. Grand Avenue, Oakland	Address: 3330 Cameron Park Drive, Suite 550
Morgan Hill, CA 95937	Site Lat/Long:	Cameron Park, CA 95682
Lab PM: Lisa Race	California Global ID #: T0600100112	Consultant/Contractor Project No.: E2169-04
Tele/Fax: 408-782-8156 408-782-6308 (fax)	Enfos Project No.: G0C2D-0017	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Provision or RCOP (circle one) Provision	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150	Phase/WBS: 04-Monitoring	Report Type & QC Level: Level 1 with EDF
San Ramon, CA	Sub Phase/Task: 03-Analytical	E-mail EDD To: shayes@stratusinc.net
Tele/Fax: 925-275-3506	Cost Element: 01-Contractor labor	Invoice to: Atlantic Richfield Co.

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO/BTEX/Oxy*	Requested Analysis: 1,2 DCA	Requested Analysis: EDB	Requested Analysis: Ethanol by 8260	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	A-1	1060	8-1907		X			3				X		X	X	X	X	
2	A-2	1050			X			3				X		X	X	X	X	
3	A-5	950			X			3				X		X	X	X	X	
4	A-6	935			X			6				X		X	X	X	X	
5	AR-1				X							X		X	X	X	X	
6	AR-2	1105			X			3				X		X	X	X	X	
7	ADR-1	1020			X			3				X		X	X	X	X	
8	ADR-2 1035	[illegible]			X			3				X		X	X	X	X	
9	TB 2169-8 1907	500			X			3				X		X	X	X	X	HOLD
10																		

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Jerry Gonzalez		8/16	1540	C Longmire	8/16	1540
Sampler's Company: Dames & Moore						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

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

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

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30 August, 2007

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

RE: ARCO #2169, Oakland, CA
Work Order: MQH0518

Enclosed are the results of analyses for samples received by the laboratory on 08/16/07 18:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

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

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-1	MQH0518-01	Water	08/14/07 10:00	08/16/07 18:45
A-2	MQH0518-02	Water	08/14/07 10:50	08/16/07 18:45
A-5	MQH0518-03	Water	08/14/07 09:50	08/16/07 18:45
A-6	MQH0518-04	Water	08/14/07 09:35	08/16/07 18:45
AR-2	MQH0518-05	Water	08/14/07 11:05	08/16/07 18:45
ADR-1	MQH0518-06	Water	08/14/07 10:20	08/16/07 18:45
ADR-2	MQH0518-07	Water	08/14/07 10:35	08/16/07 18:45
TB-2169-81407	MQH0518-08	Water	08/14/07 05:00	08/16/07 18:45

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies.

These samples were received with no custody seals.

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-1 (MQH0518-01) Water Sampled: 08/14/07 10:00 Received: 08/16/07 18:45									
Gasoline Range Organics (C4-C12)	**3500**	50	ug/l	1	7H23040	08/23/07	08/24/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*120 %*	*60-135*		"	"	"	"	
A-2 (MQH0518-02) Water Sampled: 08/14/07 10:50 Received: 08/16/07 18:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H23040	08/23/07	08/24/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*88 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-135*		"	"	"	"	
A-5 (MQH0518-03) Water Sampled: 08/14/07 09:50 Received: 08/16/07 18:45									
Gasoline Range Organics (C4-C12)	**28000**	1000	ug/l	20	7H23040	08/23/07	08/24/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*60-135*		"	"	"	"	
A-6 (MQH0518-04) Water Sampled: 08/14/07 09:35 Received: 08/16/07 18:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H23040	08/23/07	08/24/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AR-2 (MQH0518-05) Water Sampled: 08/14/07 11:05 Received: 08/16/07 18:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H23040	08/23/07	08/24/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*88 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85 %*	*60-135*		"	"	"	"	
ADR-1 (MQH0518-06) Water Sampled: 08/14/07 10:20 Received: 08/16/07 18:45									
Gasoline Range Organics (C4-C12)	**560**	50	ug/l	1	7H23040	08/23/07	08/24/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*	*60-135*		"	"	"	"	
ADR-2 (MQH0518-07) Water Sampled: 08/14/07 10:35 Received: 08/16/07 18:45									
Gasoline Range Organics (C4-C12)	**520**	50	ug/l	1	7H28013	08/28/07	08/28/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*88 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*92 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-1 (MQH0518-01) Water Sampled: 08/14/07 10:00 Received: 08/16/07 18:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H23040	08/23/07	08/24/07	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	IB
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**110**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.8**	0.50	"	"	"	"	"	"	
Toluene	**21**	0.50	"	"	"	"	"	"	
Xylenes (total)	**68**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*120 %*	*60-135*		"	"	"	"	
A-1 (MQH0518-01RE1) Water Sampled: 08/14/07 10:00 Received: 08/16/07 18:45									
Benzene	**350**	5.0	ug/l	10	7H26001	08/26/07	08/26/07	EPA 8260B	
Surrogate: Dibromofluoromethane		*98 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*99 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*60-135*		"	"	"	"	
A-2 (MQH0518-02) Water Sampled: 08/14/07 10:50 Received: 08/16/07 18:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H23040	08/23/07	08/24/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	IB
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.65**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*88 %*	*60-125*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-2 (MQH0518-02) Water Sampled: 08/14/07 10:50 Received: 08/16/07 18:45									
Surrogate: Toluene-d8		*98 %*	*80-120*		*7H23040*	*08/23/07*	*08/24/07*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-135*		"	"	"	"	
A-5 (MQH0518-03) Water Sampled: 08/14/07 09:50 Received: 08/16/07 18:45									
tert-Amyl methyl ether	ND	10	ug/l	20	7H23040	08/23/07	08/24/07	EPA 8260B	
Benzene	**260**	10	"	"	"	"	"	"	
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	IB
Ethanol	ND	6000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Ethylbenzene	**3000**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Toluene	**68**	10	"	"	"	"	"	"	
Xylenes (total)	**7800**	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*60-135*		"	"	"	"	
A-6 (MQH0518-04) Water Sampled: 08/14/07 09:35 Received: 08/16/07 18:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H23040	08/23/07	08/24/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	IB
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**2.3**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AR-2 (MQH0518-05) Water Sampled: 08/14/07 11:05 Received: 08/16/07 18:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H23040	08/23/07	08/24/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	IB
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		*95 %*		*75-120*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*88 %*		*60-125*	"	"	"	"	
Surrogate: Toluene-d8		*97 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85 %*		*60-135*	"	"	"	"	
ADR-1 (MQH0518-06) Water Sampled: 08/14/07 10:20 Received: 08/16/07 18:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H23040	08/23/07	08/24/07	EPA 8260B	
Benzene	**11**	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	"	"	"	"	"	"	IB
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**12**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.6**	0.50	"	"	"	"	"	"	
Toluene	**1.7**	0.50	"	"	"	"	"	"	
Xylenes (total)	**2.5**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*		*75-120*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*60-125*	"	"	"	"	
Surrogate: Toluene-d8		*98 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*		*60-135*	"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ADR-2 (MQH0518-07) Water Sampled: 08/14/07 10:35 Received: 08/16/07 18:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H28013	08/28/07	08/28/07	EPA 8260B	
Benzene	**5.4**	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	**3.6**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**5.3**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*92 %*		*75-120*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*88 %*		*60-125*	"	"	"	"	
Surrogate: Toluene-d8		*96 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*		*60-135*	"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

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 7H23040 - EPA 5030B P/T / LUFT GCMS										
Blank (7H23040-BLK1)				Prepared: 08/23/07 Analyzed: 08/24/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.52*		"	*2.50*		*101*	*60-125*			
Surrogate: Dibromofluoromethane	*2.53*		"	*2.50*		*101*	*75-120*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.25*		"	*2.50*		*90*	*60-135*			
Laboratory Control Sample (7H23040-BS2)				Prepared & Analyzed: 08/23/07						
Gasoline Range Organics (C4-C12)	406	50	ug/l	500		81	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.70*		"	*2.50*		*108*	*60-125*			
Surrogate: Dibromofluoromethane	*2.57*		"	*2.50*		*103*	*75-120*			
Surrogate: Toluene-d8	*2.48*		"	*2.50*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.85*		"	*2.50*		*114*	*60-135*			
Laboratory Control Sample Dup (7H23040-BSD2)				Prepared & Analyzed: 08/23/07						
Gasoline Range Organics (C4-C12)	398	50	ug/l	500		80	65-120	2	20	
Surrogate: 1,2-Dichloroethane-d4	*2.44*		"	*2.50*		*98*	*60-125*			
Surrogate: Dibromofluoromethane	*2.57*		"	*2.50*		*103*	*75-120*			
Surrogate: Toluene-d8	*2.57*		"	*2.50*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.62*		"	*2.50*		*105*	*60-135*			
Batch 7H28013 - EPA 5030B P/T / LUFT GCMS										
Blank (7H28013-BLK1)				Prepared & Analyzed: 08/28/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.34*		"	*2.50*		*94*	*60-125*			
Surrogate: Dibromofluoromethane	*2.24*		"	*2.50*		*90*	*75-120*			
Surrogate: Toluene-d8	*2.33*		"	*2.50*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.07*		"	*2.50*		*83*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

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 7H28013 - EPA 5030B P/T / LUFT GCMS										
Laboratory Control Sample (7H28013-BS2)				Prepared & Analyzed: 08/28/07						
Gasoline Range Organics (C4-C12)	436	50	ug/l	500		87	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.35*		"	*2.50*		*94*	*60-125*			
Surrogate: Dibromofluoromethane	*2.28*		"	*2.50*		*91*	*75-120*			
Surrogate: Toluene-d8	*2.39*		"	*2.50*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.33*		"	*2.50*		*93*	*60-135*			
Laboratory Control Sample Dup (7H28013-BSD2)				Prepared & Analyzed: 08/28/07						
Gasoline Range Organics (C4-C12)	434	50	ug/l	500		87	65-120	0.3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.36*		"	*2.50*		*94*	*60-125*			
Surrogate: Dibromofluoromethane	*2.21*		"	*2.50*		*88*	*75-120*			
Surrogate: Toluene-d8	*2.44*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.31*		"	*2.50*		*92*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

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 7H23040 - EPA 5030B P/T / EPA 8260B										
Blank (7H23040-BLK1)				Prepared: 08/23/07 Analyzed: 08/24/07						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.53*		"	*2.50*		*101*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.52*		"	*2.50*		*101*	*60-125*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.25*		"	*2.50*		*90*	*60-135*			
Laboratory Control Sample (7H23040-BS1)				Prepared & Analyzed: 08/23/07						
tert-Amyl methyl ether	9.35	0.50	ug/l	10.0		94	65-135			
Benzene	8.66	0.50	"	10.0		87	75-120			
tert-Butyl alcohol	174	20	"	200		87	60-135			
Di-isopropyl ether	9.18	0.50	"	10.0		92	70-130			
1,2-Dibromoethane (EDB)	9.36	0.50	"	10.0		94	70-135			
1,2-Dichloroethane	9.77	0.50	"	10.0		98	70-125			
Ethanol	124	300	"	200		62	15-150			
Ethyl tert-butyl ether	9.17	0.50	"	10.0		92	65-130			
Ethylbenzene	9.50	0.50	"	10.0		95	75-120			
Methyl tert-butyl ether	9.43	0.50	"	10.0		94	50-140			
Toluene	9.09	0.50	"	10.0		91	75-120			
Xylenes (total)	28.8	0.50	"	30.0		96	75-130			
Surrogate: Dibromofluoromethane	*2.71*		"	*2.50*		*108*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.68*		"	*2.50*		*107*	*60-125*			
Surrogate: Toluene-d8	*2.42*		"	*2.50*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.57*		"	*2.50*		*103*	*60-135*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

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 7H23040 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7H23040-MS1)	**Source: MQH0518-04**			Prepared: 08/23/07		Analyzed: 08/24/07				
tert-Amyl methyl ether	11.0	0.50	ug/l	10.0	ND	110	65-135			
Benzene	10.2	0.50	"	10.0	ND	102	75-120			
tert-Butyl alcohol	205	20	"	200	ND	103	60-135			
Di-isopropyl ether	10.9	0.50	"	10.0	ND	109	70-130			
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0	ND	112	70-135			
1,2-Dichloroethane	11.8	0.50	"	10.0	ND	118	70-125			
Ethanol	169	300	"	200	ND	84	15-150			
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	65-130			
Ethylbenzene	10.6	0.50	"	10.0	ND	106	75-120			
Methyl tert-butyl ether	13.6	0.50	"	10.0	2.28	113	50-140			
Toluene	10.6	0.50	"	10.0	ND	106	75-120			
Xylenes (total)	32.3	0.50	"	30.0	ND	108	75-130			
Surrogate: Dibromofluoromethane	*2.59*		"	*2.50*		*104*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.73*		"	*2.50*		*109*	*60-125*			
Surrogate: Toluene-d8	*2.41*		"	*2.50*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-135*			
Matrix Spike Dup (7H23040-MSD1)	**Source: MQH0518-04**			Prepared: 08/23/07		Analyzed: 08/24/07				
tert-Amyl methyl ether	11.8	0.50	ug/l	10.0	ND	118	65-135	7	25	
Benzene	10.4	0.50	"	10.0	ND	104	75-120	2	20	
tert-Butyl alcohol	202	20	"	200	ND	101	60-135	2	25	
Di-isopropyl ether	11.5	0.50	"	10.0	ND	115	70-130	5	25	
1,2-Dibromoethane (EDB)	11.7	0.50	"	10.0	ND	117	70-135	5	30	
1,2-Dichloroethane	12.6	0.50	"	10.0	ND	126	70-125	6	25	LM
Ethanol	179	300	"	200	ND	90	15-150	6	25	
Ethyl tert-butyl ether	11.8	0.50	"	10.0	ND	118	65-130	5	25	
Ethylbenzene	10.7	0.50	"	10.0	ND	107	75-120	1	20	
Methyl tert-butyl ether	14.2	0.50	"	10.0	2.28	120	50-140	5	25	
Toluene	10.6	0.50	"	10.0	ND	106	75-120	0	25	
Xylenes (total)	32.3	0.50	"	30.0	ND	108	75-130	0.2	20	
Surrogate: Dibromofluoromethane	*2.75*		"	*2.50*		*110*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.69*		"	*2.50*		*108*	*60-125*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.66*		"	*2.50*		*106*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

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 7H26001 - EPA 5030B P/T / EPA 8260B										
Blank (7H26001-BLK1)				Prepared & Analyzed: 08/26/07						
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	*2.40*		"	*2.50*		*96*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.53*		"	*2.50*		*101*	*60-125*			
Surrogate: Toluene-d8	*2.43*		"	*2.50*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.25*		"	*2.50*		*90*	*60-135*			
Laboratory Control Sample (7H26001-BS1)				Prepared & Analyzed: 08/26/07						
tert-Amyl methyl ether	10.2	0.50	ug/l	10.0		102	65-135			
Benzene	10.4	0.50	"	10.0		104	75-120			
tert-Butyl alcohol	198	5.0	"	200		99	60-135			
Di-isopropyl ether	10.7	0.50	"	10.0		107	70-130			
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0		106	70-135			
1,2-Dichloroethane	9.96	0.50	"	10.0		100	70-125			
Ethanol	261	300	"	200		131	15-150			
Ethyl tert-butyl ether	10.4	0.50	"	10.0		104	65-130			
Ethylbenzene	11.1	0.50	"	10.0		111	75-120			
Methyl tert-butyl ether	9.73	0.50	"	10.0		97	50-140			
Toluene	10.3	0.50	"	10.0		103	75-120			
Xylenes (total)	33.2	0.50	"	30.0		111	75-130			
Surrogate: Dibromofluoromethane	*2.51*		"	*2.50*		*100*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.27*		"	*2.50*		*91*	*60-125*			
Surrogate: Toluene-d8	*2.53*		"	*2.50*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.47*		"	*2.50*		*99*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

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 7H26001 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7H26001-MS1)	**Source: MQH0476-03**			Prepared & Analyzed: 08/26/07						
tert-Amyl methyl ether	10.8	0.50	ug/l	10.0	ND	108	65-135			
Benzene	10.2	0.50	"	10.0	ND	102	75-120			
tert-Butyl alcohol	201	5.0	"	200	ND	100	60-135			
Di-isopropyl ether	10.8	0.50	"	10.0	ND	108	70-130			
1,2-Dibromoethane (EDB)	11.6	0.50	"	10.0	ND	116	70-135			
1,2-Dichloroethane	10.6	0.50	"	10.0	ND	106	70-125			
Ethanol	233	300	"	200	ND	117	15-150			
Ethyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	65-130			
Ethylbenzene	11.0	0.50	"	10.0	ND	110	75-120			
Methyl tert-butyl ether	10.7	0.50	"	10.0	ND	107	50-140			
Toluene	10.2	0.50	"	10.0	ND	102	75-120			
Xylenes (total)	33.1	0.50	"	30.0	ND	110	75-130			
Surrogate: Dibromofluoromethane	*2.49*		"	*2.50*		*100*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.49*		"	*2.50*		*100*	*60-125*			
Surrogate: Toluene-d8	*2.48*		"	*2.50*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.54*		"	*2.50*		*102*	*60-135*			
Matrix Spike Dup (7H26001-MSD1)	**Source: MQH0476-03**			Prepared & Analyzed: 08/26/07						
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	ND	111	65-135	3	25	
Benzene	10.4	0.50	"	10.0	ND	104	75-120	2	20	
tert-Butyl alcohol	203	5.0	"	200	ND	101	60-135	1	25	
Di-isopropyl ether	11.0	0.50	"	10.0	ND	110	70-130	2	25	
1,2-Dibromoethane (EDB)	11.8	0.50	"	10.0	ND	118	70-135	2	30	
1,2-Dichloroethane	10.8	0.50	"	10.0	ND	108	70-125	1	25	
Ethanol	210	300	"	200	ND	105	15-150	10	25	
Ethyl tert-butyl ether	11.0	0.50	"	10.0	ND	110	65-130	2	25	
Ethylbenzene	11.1	0.50	"	10.0	ND	111	75-120	0.5	20	
Methyl tert-butyl ether	10.9	0.50	"	10.0	ND	109	50-140	2	25	
Toluene	10.4	0.50	"	10.0	ND	104	75-120	1	25	
Xylenes (total)	33.4	0.50	"	30.0	ND	111	75-130	0.8	20	
Surrogate: Dibromofluoromethane	*2.51*		"	*2.50*		*100*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.49*		"	*2.50*		*100*	*60-125*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.54*		"	*2.50*		*102*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

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 7H28013 - EPA 5030B P/T / EPA 8260B										
Blank (7H28013-BLK1)				Prepared & Analyzed: 08/28/07						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.24*		"	*2.50*		*90*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.34*		"	*2.50*		*94*	*60-125*			
Surrogate: Toluene-d8	*2.33*		"	*2.50*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.07*		"	*2.50*		*83*	*60-135*			
Laboratory Control Sample (7H28013-BS1)				Prepared & Analyzed: 08/28/07						
tert-Amyl methyl ether	9.73	0.50	ug/l	10.0		97	65-135			
Benzene	9.89	0.50	"	10.0		99	75-120			
tert-Butyl alcohol	205	20	"	200		103	60-135			
Di-isopropyl ether	10.3	0.50	"	10.0		103	70-130			
1,2-Dibromoethane (EDB)	10.3	0.50	"	10.0		103	70-135			
1,2-Dichloroethane	10.0	0.50	"	10.0		100	70-125			
Ethanol	295	300	"	200		147	15-150			
Ethyl tert-butyl ether	10.2	0.50	"	10.0		102	65-130			
Ethylbenzene	10.3	0.50	"	10.0		103	75-120			
Methyl tert-butyl ether	9.65	0.50	"	10.0		96	50-140			
Toluene	10.1	0.50	"	10.0		101	75-120			
Xylenes (total)	31.6	0.50	"	30.0		105	75-130			
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-125*			
Surrogate: Toluene-d8	*2.36*		"	*2.50*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.38*		"	*2.50*		*95*	*60-135*			

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 #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

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 7H28013 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7H28013-MS1)	**Source: MQH0518-07**			Prepared & Analyzed: 08/28/07						
tert-Amyl methyl ether	9.03	0.50	ug/l	10.0	ND	90	65-135			
Benzene	14.2	0.50	"	10.0	5.35	88	75-120			
tert-Butyl alcohol	194	20	"	200	5.40	94	60-135			
Di-isopropyl ether	9.30	0.50	"	10.0	ND	93	70-130			
1,2-Dibromoethane (EDB)	9.35	0.50	"	10.0	ND	94	70-135			
1,2-Dichloroethane	9.44	0.50	"	10.0	ND	94	70-125			
Ethanol	262	300	"	200	ND	131	15-150			
Ethyl tert-butyl ether	9.29	0.50	"	10.0	ND	93	65-130			
Ethylbenzene	12.9	0.50	"	10.0	3.60	93	75-120			
Methyl tert-butyl ether	14.4	0.50	"	10.0	5.34	90	50-140			
Toluene	9.18	0.50	"	10.0	ND	92	75-120			
Xylenes (total)	28.8	0.50	"	30.0	0.420	94	75-130			
Surrogate: Dibromofluoromethane	*2.41*		"	*2.50*		*96*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-125*			
Surrogate: Toluene-d8	*2.41*		"	*2.50*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.35*		"	*2.50*		*94*	*60-135*			
Matrix Spike Dup (7H28013-MSD1)	**Source: MQH0518-07**			Prepared & Analyzed: 08/28/07						
tert-Amyl methyl ether	9.23	0.50	ug/l	10.0	ND	92	65-135	2	25	
Benzene	14.3	0.50	"	10.0	5.35	90	75-120	1	20	
tert-Butyl alcohol	195	20	"	200	5.40	95	60-135	0.6	25	
Di-isopropyl ether	9.42	0.50	"	10.0	ND	94	70-130	1	25	
1,2-Dibromoethane (EDB)	9.40	0.50	"	10.0	ND	94	70-135	0.5	30	
1,2-Dichloroethane	9.35	0.50	"	10.0	ND	94	70-125	1	25	
Ethanol	259	300	"	200	ND	130	15-150	1	25	
Ethyl tert-butyl ether	9.46	0.50	"	10.0	ND	95	65-130	2	25	
Ethylbenzene	12.1	0.50	"	10.0	3.60	85	75-120	6	20	
Methyl tert-butyl ether	14.4	0.50	"	10.0	5.34	91	50-140	0.6	25	
Toluene	9.28	0.50	"	10.0	ND	93	75-120	1	25	
Xylenes (total)	26.6	0.50	"	30.0	0.420	87	75-130	8	20	
Surrogate: Dibromofluoromethane	*2.34*		"	*2.50*		*94*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.20*		"	*2.50*		*88*	*60-125*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.21*		"	*2.50*		*88*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQH0518
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/30/07 15:28

Notes and Definitions

LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
IB	CCV recovery above limit; analyte not detected
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 2169
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>2169
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy):

On-site Time: 8:30	Temp: 65
Off-site Time: 11 25	Temp: 91
Sky Conditions: clear	
Meteorological Events: none	
Wind Speed: 5	Direction: E

Lab Name: TestAmerica	BP/AR Facility No.: 2169	Consultant/Contractor: Stratus Environmental, Inc.
Address: 885 Jarvis Drive	BP/AR Facility Address: 889 W. Grand Avenue, Oakland	Address: 3330 Cameron Park Drive, Suite 550
Morgan Hill, CA 95937	Site Lat/Long:	Cameron Park, CA 95682
Lab PM: Lisa Race	California Global ID #: T0600100112	Consultant/Contractor Project No.: E2169-04
Tele/Fax: 408-782-8156 408-782-6308 (fax)	Enfos Project No.: G0C2D-0017	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Provision or RCOP (circle one) Provision	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150	Phase/WBS: 04-Monitoring	Report Type & QC Level: Level 1 with EDF
San Ramon, CA	Sub Phase/Task: 03-Analytical	E-mail EDD To: shayes@stratusinc.net
Tele/Fax: 925-275-3506	Cost Element: 01-Contractor labor	Invoice to: Atlantic Richfield Co.

Lab Bottle Order No: MQH0518

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO/BTEX/Oxy*	Requested Analysis: 1,2 DCA	Requested Analysis: EDB	Requested Analysis: Ethanol by 8260	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	A-1	1000	8-19-07		X		01	3				X		X	X	X	X	
2	A-2	1050			X		02	3				X		X	X	X	X	
3	A-5	950			X		03	3				X		X	X	X	X	
4	A-6	935			X		04	6				X		X	X	X	X	
5	AR-1				X							X		X	X	X	X	
6	AR-2	1105			X		05	3				X		X	X	X	X	
7	ADR-1	1020			X		06	3				X		X	X	X	X	
8	ADR-2 10:35	~~1035~~			X		07	3				X		X	X	X	X	
9	TB 2169-8/9/07	500			X		08	3				X		X	X	X	X	HOLD
10																		

Sampler's Name: Jerry Gonzalez	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Dublos ENV		8/16	1540		8/16	1540
Shipment Date:		8/16	1555		8/16	1555
Shipment Method:		8/16	1845		8/16	1845
Shipment Tracking No:						

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

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

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ARCO 2169
REC. BY (PRINT): DV
WORKORDER: MQH0518

DATE REC'D AT LAB: 8/16/07
TIME REC'D AT LAB: 1815
DATE LOGGED IN: 8/17/07

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*								
2. Chain-of-Custody (Present) / Absent*								
3. Traffic Reports or Packing List: Present / (Absent)								
4. Airbill: Airbill / Sticker (Present) / Absent								
5. Airbill #:								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*			see COC 8/16/07 DV					
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: 2.6° Corrected Temp: ↓ 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								

*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:	**3Q07 GEO_WELL 2169**
Facility Global ID:	**T0600100112**
Facility Name:	**ARCO #02169**
Submittal Date/Time:	**10/1/2007 3:24:35 PM**
Confirmation Number:	**5515471518**

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: 4694464504
Date/Time of Submittal: 10/1/2007 3:22:08 PM
Facility Global ID: T0600100112
Facility Name: ARCO #02169
Submittal Title: 3Q07 GW Monitoring
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

ARCO #02169
889 GRAND
OAKLAND, CA 94607

Regional Board - Case #: 01-0120
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: RO0000072
ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
4694464504	3Q07 GW Monitoring	Q3 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	10/1/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	7
# FIELD POINTS WITH DETECTIONS	6
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	4
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	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

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