Atlantic Richfield Company
(a BP affiliated company)

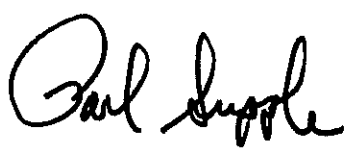
P.O. Box 1257
San Ramon, California 94583
Phone: (925) 275-3801
Fax: (925) 275-3815

20 April 2007

Re: First Quarter 2007 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

First Quarter 2007 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

20 April 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

20 April 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: First Quarter 2007 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 *First Quarter 2007 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 First Quarter 2007.

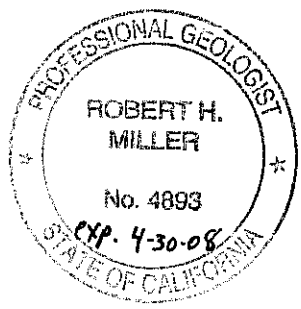
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

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)
Electronic copy uploaded to GeoTracker

STATION #2169 QUARTERLY 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 (First Quarter 2007):

1. Submitted Fourth Quarter 2006 Status Report. Work performed by BAI.
2. Conducted ground-water monitoring/sampling for First Quarter 2007. Work performed on 7 February 2007 by Stratus Environmental, Inc (Stratus).

WORK PROPOSED FOR NEXT QUARTER (First Quarter 2007):

1. Prepared and submitted First Quarter 2007 Ground-Water Monitoring Report (contained herein).
2. No environmental field work is anticipated at Station #2169 during Second Quarter 2007.

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):	**9.72 ft (A-6) to 11.82 ft (A-3)**
General ground-water flow direction:	**West-Northwest**
Approximate hydraulic gradient:	**0.004 ft/ft**

DISCUSSION:

The semi-annual round of ground-water monitoring and sampling was conducted at Station #2169 on 7 February 2007 by Stratus. Water levels were gauged in nine of the ten wells at the Site. Water levels were not gauged in well AR-1 due to a broken bolt which prevented the well from being opened. No other irregularities were noted during water level gauging. Depth to water measurements ranged from 9.72 ft at well A-6 to 11.82 ft at well A-3. Resulting ground-water surface elevations ranged from 7.38 ft above mean sea level in up-gradient well A-4 to 6.11 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 west-northwest at approximately 0.004 ft/ft, consistent with historical data (see Table 3). Ground-water monitoring field data sheets are provided within Appendix A. Measured depths to ground-water and

respective ground-water elevations are summarized in Table 1. Potentiometric ground-water elevation contours are presented in Drawing 1.

Consistent with the current ground-water sampling schedule, water samples were collected from wells A-1, A-5, A-6 and ADR-1. No irregularities were reported during sampling. Samples were submitted under chain-of-custody protocol to Test America Analytical Testing Corporation (Morgan Hill, California), for analysis of Gasoline Range Organics (GRO, C4-12) by the LUFT GCMS Method; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and tert-Amyl methyl ether (TAME), tert-Butyl alcohol (TBA), Di-isopropyl ether(DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Ethanol, Ethyl tert-butyl ether (ETBE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. No 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.

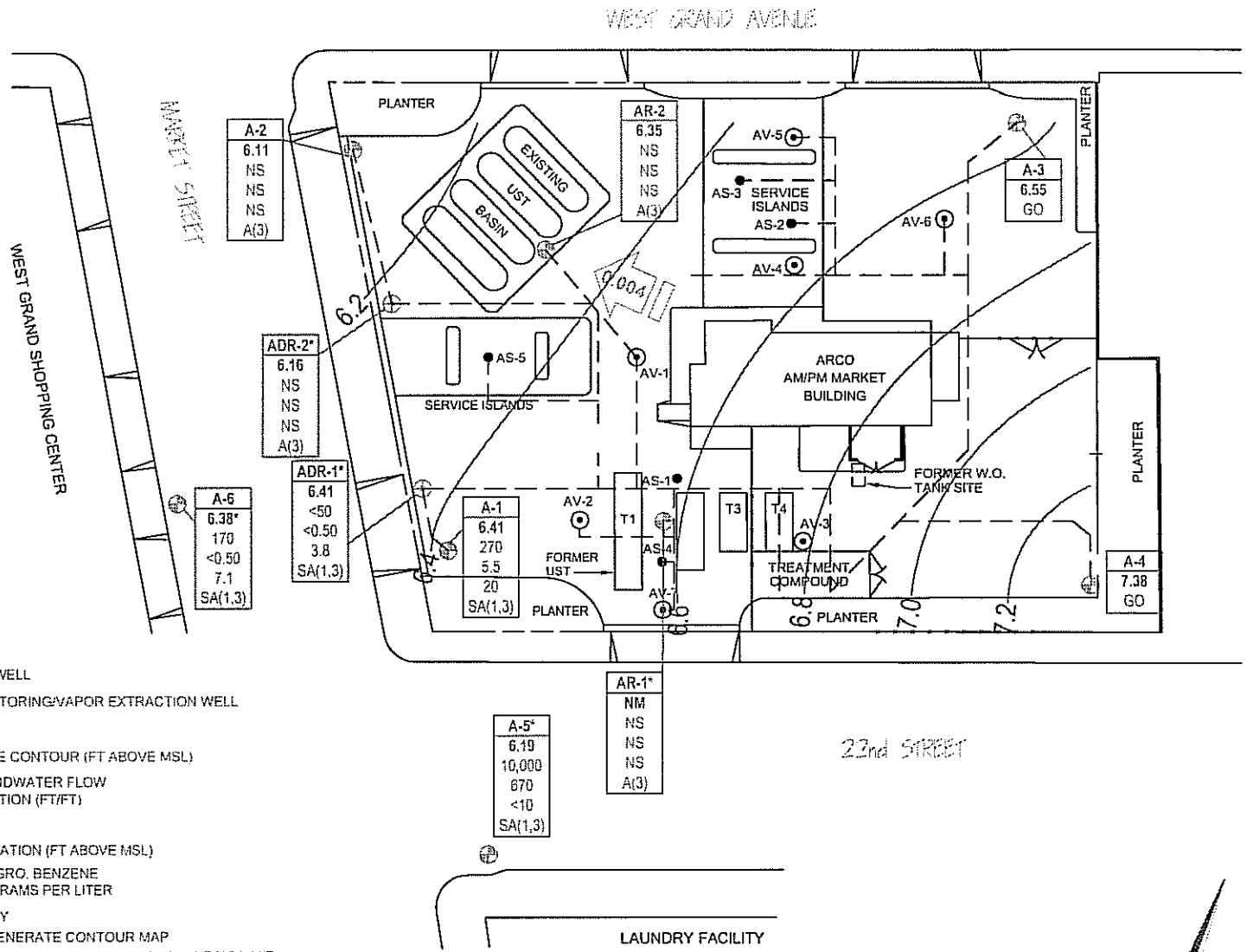
Gasoline range organics (GRO) were detected above the laboratory reporting limits in three of the four wells sampled at concentrations up to 10,000 micrograms per liter (µg/L) in well A-5. Benzene was detected above the laboratory reporting limit in two of the four wells sampled at concentrations up to 670 µg/L in well A-5. Toluene was detected above the laboratory reporting limit in one well (A-5) at a concentration of 120 µg/L. Ethylbenzene was detected above the laboratory reporting limit in two of the four wells sampled at concentrations up to 1,100 µg/L in well A-5. Total Xylenes were detected above the laboratory reporting limit in three of the four wells sampled at concentrations up to 3,100 µg/L in well A-5. MTBE was detected above the laboratory reporting limit in three of the four wells sampled at concentrations up to 20 µg/L in well A-1. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the four wells sampled this quarter. Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well, with the exceptions that GRO, ethylbenzene and total xylene concentrations reported in well A-5 were the highest on record for samples from that well. Third quarter results will be reviewed to verify these first quarter results obtained. Historic laboratory analytical results are summarized in Table 1 and Table 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 1. A copy of the Laboratory Analytical Report, including chain-of-custody documentation is provided in Appendix A. Ground-water monitoring data (GEO_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation pages are provided in Appendix B.

CLOSURE:

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

ATTACHMENTS:

Drawing 1 Ground-Water Elevation Contours and Analytical Summary Map, 7 February 2007, ARCO Service Station #2169, 889 West Grand Avenue, Oakland, California



LEGEND

- MONITORING WELL
- VAPOR EXTRACTION WELL
- GROUNDWATER MONITORING/VAPOR EXTRACTION WELL
- AIR SPARGING WELL
- 6.8 — GROUNDWATER TABLE CONTOUR (FT ABOVE MSL)
- 0.004 — 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: 03/15/07

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

Ground-Water Elevation Contour and Analytical Summary Map
7 February 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**
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	--	--
9/19/2000	--		14.55	10.00	25.00	11.63	2.92	--	--	--	--	--	--	--	--

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.															
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	--	--	--	--	--	--	--	--
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	--	--
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	--	--	--	--	--	--	--	--

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

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Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	DO (mg/L)	pH
A-3 Cont.															
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

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.															
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	--	--	--	--	--	--	--	--
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	--	--
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

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.															
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**
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
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

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.															
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
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
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

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-1 Cont.															
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**
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

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.															
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**	--	--	--	--	--	--	--	--
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	--	n	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
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**	--	--	--	--	--	--	--	--	--	--

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															
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

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**	
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	
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	--	--	
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	--	--	

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.									
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**	
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**	
ADR-1									
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	--	--	

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.									
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**	
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
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									
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	

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.

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	West	0.005
2/7/2007	West-Northwest	0.004

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

APPENDIX A

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

STRATUS ENVIRONMENTAL, INC.

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

March 6, 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 (Quarterly Monitoring performed on February 7, 2007)

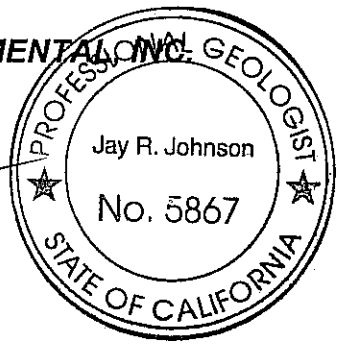
General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson
Phone Number: (530) 676-6000
On-Site Supplier Representative: Jerry Gonzales
Date: February 7, 2007
Arrival: 08:30 *Departure:* 10:00
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 bill of lading, field data sheets, chain of custody documentation, and certified analytical results. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely,

STRATUS ENVIRONMENTAL, INC.



Jay R. Johnson, P.G.
Project Manager

Attachments:

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

CC: Mr. Paul Supple, BP/ARCO

BP GEM OIL COMPANY

TYPE **A** BILL OF LADING

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

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

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

2169

Station #

Oakland – 889 W. Grand Avenue

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

17

Added Equipment Rinse Water 5

Any Other Adjustments 0

TOTAL GALS. RECOVERED 22

loaded onto Doulos vehicle # _____

Stratus Project # _____

time 945 date 2/7/06

Signature Jerry G.

* *

RECEIVED AT

time 9:05 date 2/19/07

BP 5786

Unloaded by Signature

faxed 2/19/07

BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

Gauge Date: 2/7/07 **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	803			10.34	23.65					
A-2	7:51			11.09	24.418					
A-3	7:49			11.82	28.20					
A-4	7:40			10.63	27.50	4"				
A-5	7:26			9.90	24.00	2"				
A-6	7:20			9.72	26.75	2"				
AR-1										Can't Take 150/175 off
AR-2	808			11.52	28.50					
ADR-1	7.58			10.15	20.79					
ADR-2	7.55			11.08	25.59					

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 2/7/07 START (2400hr) 9:18 END (2400hr) 9:22

DATE SAMPLED 2/7/07 SAMPLE TIME (2400hr) 9:20

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) = 23.65 CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 10.34 CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = 13.3 ACTUAL PURGE (gal) = NP

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
2/7/07	921	0	68.4	971	7.27	clear	
						1	
		NV	NP				

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.34 SAMPLE TURBIDITY: clear

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

ODOR: No SAMPLE VESSEL / PRESERVATIVE: 3 VOA HCl

PURGING EQUIPMENT

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

Other: ____

Pump Depth: None

SAMPLING EQUIPMENT

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

Other: ____

WELL INTEGRITY: Good LOCK#: Mon Eq

REMARKS: D.O 1.15

SIGNATURE: [signature] Page ___ of ___

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: JC WELL I.D.: A 5

CLIENT NAME: SAMPLED BY: S SAMPLE I.D.: A-5

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

DATE PURGED 2/7/07 START (2400hr) 8:42 END (2400hr) 8:45

DATE SAMPLED 2/7/07 SAMPLE TIME (2400hr) 8:50

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

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

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 24.00 CASING VOLUME (gal) = 2.3

DEPTH TO WATER (feet) = 9.90 CALCULATED PURGE (gal) = 7.1

WATER COLUMN HEIGHT (feet) = 14.1 ACTUAL PURGE (gal) = 7.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
2/7/07	8:43	2.3	17.1	837	7.11	clear	
	8:44	4.7	17.2	856	7.01	1	
	8:45	7.5	18.4	983	7.03	1	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 11:12 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO ANALYSES: ____

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

PURGING EQUIPMENT

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

Other: ____

Pump Depth: None

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 2.72

SIGNATURE: [signature]

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 2169 PURGED BY: JC WELL I.D.: A6

CLIENT NAME: SAMPLED BY: JC SAMPLE I.D.: A6

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

DATE PURGED 2-7-07 START (2400hr) 9:02 END (2400hr) 9:05

DATE SAMPLED 2-7-07 SAMPLE TIME (2400hr) 9:10

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

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

DEPTH TO BOTTOM (feet) = 26.75 CASING VOLUME (gal) = 2.8

DEPTH TO WATER (feet) = 9.72 CALCULATED PURGE (gal) = 8.6

WATER COLUMN HEIGHT (feet) = 17.0 ACTUAL PURGE (gal) = 9.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
2-7-07	9:03	3	19.5	776	7.21	clear	
"	9:04	6	19.8	753	7.22	"	
"	9:05	9	20.2	739	7.24	"	
"							

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.41 SAMPLE TURBIDITY: clear

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

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: 23

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 2.18

SIGNATURE: [signature]

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

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

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

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

DATE PURGED 2/7/07 START (2400hr) 9:34 END (2400hr) 8:39

DATE SAMPLED 2/7/07 SAMPLE TIME (2400hr) 9:35

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

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

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 20.79 CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 10.15 CALCULATED PURGE (gal) = NM

WATER COLUMN HEIGHT (feet) = 10.6 ACTUAL PURGE (gal) = NP

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
2/7/07	9:36	0	18.9	845	7.33	clear	
			NP				

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.15 SAMPLE TURBIDITY: Clear

80% RECHARGE: X YES ____ NO ANALYSES: ____

ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 6 Voa-HCL

PURGING EQUIPMENT

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

Other: ____

Pump Depth: None

SAMPLING EQUIPMENT

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

Other: ____

WELL INTEGRITY: Good LOCK#: Master

REMARKS: DO - 0.6%

SIGNATURE: [signature]

Page ____ of ____

Wellhead Observation Form

Account: 2169

Sampled by: Jerry Date: 2/7/07

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	Yes	No	Yes	Yes	Yes	Yes	No	No		
A-2	Yes	No	Yes	Yes	Yes	Yes	No	No		
A-3	Yes	No	Yes	Yes	Yes	Yes	No	No		
A-4	Yes	No	No	Yes	No	No	No	No		
A-5	Yes	No	Yes	No	No	No	No	No		Slip on Lid
A-6	Yes	No	No	No	No	No	No	No		Slip on Lid Needs to Be Drilled
~~AR-1~~										can't Take Bolts off Lid
AR-2	Yes	No	No	Yes	Yes	Yes	No	No		
ADR-1	Yes	No	Yes	Yes	Yes	Yes	No	No		
ADR-2	Yes	No	No	Yes	Yes	Yes	No	No		

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:	830	Temp:	cool
Off-site Time:	1000	Temp:	cool
Sky Conditions:	clear		
Meteorological Events:	none		
Wind Speed:	0	Direction:	n/a

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: cjewitt@stratusinc.net
Tele/Fax: 925-275-3506	Cost Element: 01-Contractor labor	Invoice to: Atlantic Richfield Co.

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	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	0930	2/7/07		X			3				X		X	X	X	X	
2	A-5	850	"		X			3				X		X	X	X	X	
3	A-6	910	"		X			3				X		X	X	X	X	
4	ADR-1	935	"		X			6				X		X	X	X	X	
5	TB 2169 020707		"		X			2				X		X	X	X	X	HOLD
6																		
7																		
8																		
9																		
10																		

Sampler's Name: Jerry Gonzales	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Dallas ENV.	Jerry Gonzales	2/9/07	1655	[signature] / TA-SAC	2/9/07	1655
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

TestAmerica
ANALYTICAL TESTING CORPORATION

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

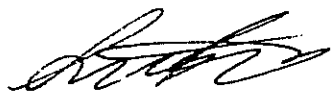
27 February, 2007

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

RE: ARCO #2169, Oakland, CA
Work Order: MQB0420

Enclosed are the results of analyses for samples received by the laboratory on 02/13/07 07:55. 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.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQB0420
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-1	MQB0420-01	Water	02/07/07 09:20	02/13/07 07:55
A-5	MQB0420-02	Water	02/07/07 08:50	02/13/07 07:55
A-6	MQB0420-03	Water	02/07/07 09:10	02/13/07 07:55
ADR-1	MQB0420-04	Water	02/07/07 09:35	02/13/07 07:55
TB 2169 020707	MQB0420-05	Water	02/07/07 00:00	02/13/07 07:55

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

These samples were received with intact custody seals.

TestAmerica
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Morgan Hill, CA 95037
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www.testamericainc.com

Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQB0420
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

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 (MQB0420-01) Water Sampled: 02/07/07 09:20 Received: 02/13/07 07:55									
Gasoline Range Organics (C4-C12)	**270**	50	ug/l	1	7B20020	02/20/07	02/21/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-145*		"	"	"	"	
A-5 (MQB0420-02) Water Sampled: 02/07/07 08:50 Received: 02/13/07 07:55									
Gasoline Range Organics (C4-C12)	**10000**	500	ug/l	10	7B20020	02/20/07	02/21/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-145*		"	"	"	"	
A-6 (MQB0420-03) Water Sampled: 02/07/07 09:10 Received: 02/13/07 07:55									
Gasoline Range Organics (C4-C12)	**170**	50	ug/l	1	7B20020	02/20/07	02/21/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-145*		"	"	"	"	
ADR-1 (MQB0420-04) Water Sampled: 02/07/07 09:35 Received: 02/13/07 07:55									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7B20008	02/20/07	02/20/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-145*		"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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Morgan Hill, CA 95037
(408) 776-9600
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www.testamericainc.com

Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQB0420
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-1 (MQB0420-01) Water Sampled: 02/07/07 09:20 Received: 02/13/07 07:55									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7B20020	02/20/07	02/21/07	EPA 8260B	
Benzene	**5.5**	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	**0.95**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**20**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.2**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*97 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*90 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*60-120*		"	"	"	"	
A-5 (MQB0420-02) Water Sampled: 02/07/07 08:50 Received: 02/13/07 07:55									
tert-Amyl methyl ether	ND	10	ug/l	20	7B21004	02/21/07	02/21/07	EPA 8260B	
Benzene	**670**	10	"	"	"	"	"	"	
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethanol	ND	6000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Ethylbenzene	**1100**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Toluene	**120**	10	"	"	"	"	"	"	
Xylenes (total)	**3100**	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*88 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*99 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*60-120*		"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQB0420
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-6 (MQB0420-03) Water Sampled: 02/07/07 09:10 Received: 02/13/07 07:55									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7B20020	02/20/07	02/21/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**7.1**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.4**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*91 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91 %*	*60-120*		"	"	"	"	
ADR-1 (MQB0420-04) Water Sampled: 02/07/07 09:35 Received: 02/13/07 07:55									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7B20008	02/20/07	02/20/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.8**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*91 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84 %*	*60-120*		"	"	"	"	

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3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

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 7B20008 - EPA 5030B P/T / LUFT GCMS										
Blank (7B20008-BLK1)				Prepared & Analyzed: 02/20/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.62*		"	*2.50*		*105*	*60-145*			
Laboratory Control Sample (7B20008-BS2)				Prepared & Analyzed: 02/20/07						
Gasoline Range Organics (C4-C12)	492	50	ug/l	500		98	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.61*		"	*2.50*		*104*	*60-145*			
Laboratory Control Sample Dup (7B20008-BSD2)				Prepared & Analyzed: 02/20/07						
Gasoline Range Organics (C4-C12)	464	50	ug/l	500		93	75-140	6	20	
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*99*	*60-145*			
Batch 7B20020 - EPA 5030B P/T / LUFT GCMS										
Blank (7B20020-BLK1)				Prepared & Analyzed: 02/20/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.61*		"	*2.50*		*104*	*60-145*			
Laboratory Control Sample (7B20020-BS2)				Prepared & Analyzed: 02/20/07						
Gasoline Range Organics (C4-C12)	444	50	ug/l	500		89	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.67*		"	*2.50*		*107*	*60-145*			
Laboratory Control Sample Dup (7B20020-BSD2)				Prepared & Analyzed: 02/20/07						
Gasoline Range Organics (C4-C12)	459	50	ug/l	500		92	75-140	3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.58*		"	*2.50*		*103*	*60-145*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

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 7B20008 - EPA 5030B P/T / EPA 8260B										
Blank (7B20008-BLK1)				Prepared & Analyzed: 02/20/07						
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	*2.32*		"	*2.50*		*93*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.62*		"	*2.50*		*105*	*60-145*			
Surrogate: Toluene-d8	*2.31*		"	*2.50*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.11*		"	*2.50*		*84*	*60-120*			
Laboratory Control Sample (7B20008-BS1)				Prepared & Analyzed: 02/20/07						
tert-Amyl methyl ether	10.8	0.50	ug/l	10.0		108	65-135			
Benzene	9.15	0.50	"	10.0		92	70-125			
tert-Butyl alcohol	193	20	"	200		96	60-135			
Di-isopropyl ether	9.58	0.50	"	10.0		96	70-130			
1,2-Dibromoethane (EDB)	11.9	0.50	"	10.0		119	80-125			
1,2-Dichloroethane	11.2	0.50	"	10.0		112	75-125			
Ethanol	201	300	"	200		100	15-150			
Ethyl tert-butyl ether	10.1	0.50	"	10.0		101	65-130			
Ethylbenzene	9.36	0.50	"	10.0		94	70-130			
Methyl tert-butyl ether	11.1	0.50	"	10.0		111	50-140			
Toluene	10.0	0.50	"	10.0		100	70-120			
Xylenes (total)	28.8	0.50	"	30.0		96	80-125			
Surrogate: Dibromofluoromethane	*2.40*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.52*		"	*2.50*		*101*	*60-145*			
Surrogate: Toluene-d8	*2.26*		"	*2.50*		*90*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.22*		"	*2.50*		*89*	*60-120*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

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 7B20008 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7B20008-MS1)	**Source: MQB0408-08**			Prepared & Analyzed: 02/20/07						
tert-Amyl methyl ether	9.80	0.50	ug/l	10.0	ND	98	65-135			
Benzene	9.29	0.50	"	10.0	ND	93	70-125			
tert-Butyl alcohol	188	20	"	200	ND	94	60-135			
Di-isopropyl ether	9.11	0.50	"	10.0	ND	91	70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0	ND	109	80-125			
1,2-Dichloroethane	21.0	0.50	"	10.0	11	100	75-125			
Ethanol	201	300	"	200	ND	100	15-150			
Ethyl tert-butyl ether	9.44	0.50	"	10.0	ND	94	65-130			
Ethylbenzene	9.31	0.50	"	10.0	ND	93	70-130			
Methyl tert-butyl ether	11.6	0.50	"	10.0	1.8	98	50-140			
Toluene	9.95	0.50	"	10.0	0.19	98	70-120			
Xylenes (total)	29.0	0.50	"	30.0	ND	97	80-125			
Surrogate: Dibromofluoromethane	*2.32*		"	*2.50*		*93*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.55*		"	*2.50*		*102*	*60-145*			
Surrogate: Toluene-d8	*2.30*		"	*2.50*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.37*		"	*2.50*		*95*	*60-120*			
Matrix Spike Dup (7B20008-MSD1)	**Source: MQB0408-08**			Prepared & Analyzed: 02/20/07						
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	ND	111	65-135	12	25	
Benzene	10.2	0.50	"	10.0	ND	102	70-125	9	15	
tert-Butyl alcohol	214	20	"	200	ND	107	60-135	13	35	
Di-isopropyl ether	10.2	0.50	"	10.0	ND	102	70-130	11	35	
1,2-Dibromoethane (EDB)	12.7	0.50	"	10.0	ND	127	80-125	15	15	LM
1,2-Dichloroethane	24.2	0.50	"	10.0	11	132	75-125	14	10	LM, BA
Ethanol	221	300	"	200	ND	110	15-150	9	35	
Ethyl tert-butyl ether	10.6	0.50	"	10.0	ND	106	65-130	12	35	
Ethylbenzene	10.4	0.50	"	10.0	ND	104	70-130	11	15	
Methyl tert-butyl ether	13.3	0.50	"	10.0	1.8	115	50-140	14	25	
Toluene	10.5	0.50	"	10.0	0.19	103	70-120	5	15	
Xylenes (total)	32.2	0.50	"	30.0	ND	107	80-125	10	15	
Surrogate: Dibromofluoromethane	*2.34*		"	*2.50*		*94*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.60*		"	*2.50*		*104*	*60-145*			
Surrogate: Toluene-d8	*2.27*		"	*2.50*		*91*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.28*		"	*2.50*		*91*	*60-120*			

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3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

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 7B20020 - EPA 5030B P/T / EPA 8260B										
Blank (7B20020-BLK1)				Prepared & Analyzed: 02/20/07						
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	*2.43*		"	*2.50*		*97*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.61*		"	*2.50*		*104*	*60-145*			
Surrogate: Toluene-d8	*2.35*		"	*2.50*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.12*		"	*2.50*		*85*	*60-120*			
Laboratory Control Sample (7B20020-BS1)				Prepared & Analyzed: 02/20/07						
tert-Amyl methyl ether	9.00	0.50	ug/l	10.0		90	65-135			
Benzene	8.32	0.50	"	10.0		83	70-125			
tert-Butyl alcohol	185	5.0	"	200		92	60-135			
Di-isopropyl ether	8.31	0.50	"	10.0		83	70-130			
1,2-Dibromoethane (EDB)	9.94	0.50	"	10.0		99	80-125			
1,2-Dichloroethane	9.57	0.50	"	10.0		96	75-125			
Ethanol	202	300	"	200		101	15-150			
Ethyl tert-butyl ether	8.74	0.50	"	10.0		87	65-130			
Ethylbenzene	8.42	0.50	"	10.0		84	70-130			
Methyl tert-butyl ether	8.84	0.50	"	10.0		88	50-140			
Toluene	8.66	0.50	"	10.0		87	70-120			
Xylenes (total)	26.5	0.50	"	30.0		88	80-125			
Surrogate: Dibromofluoromethane	*2.41*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		"	*2.50*		*102*	*60-145*			
Surrogate: Toluene-d8	*2.31*		"	*2.50*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.18*		"	*2.50*		*87*	*60-120*			

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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 7B20020 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7B20020-MS1)	**Source: MQB0420-01**			Prepared & Analyzed: 02/20/07						
tert-Amyl methyl ether	10.2	0.50	ug/l	10.0	ND	102	65-135			
Benzene	14.0	0.50	"	10.0	5.5	85	70-125			
tert-Butyl alcohol	200	5.0	"	200	5.2	97	60-135			
Di-isopropyl ether	9.53	0.50	"	10.0	0.27	93	70-130			
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0	ND	112	80-125			
1,2-Dichloroethane	10.9	0.50	"	10.0	ND	109	75-125			
Ethanol	220	300	"	200	ND	110	15-150			
Ethyl tert-butyl ether	9.81	0.50	"	10.0	ND	98	65-130			
Ethylbenzene	9.75	0.50	"	10.0	0.95	88	70-130			
Methyl tert-butyl ether	30.4	0.50	"	10.0	20	104	50-140			
Toluene	9.46	0.50	"	10.0	0.41	90	70-120			
Xylenes (total)	29.4	0.50	"	30.0	1.2	94	80-125			
Surrogate: Dibromofluoromethane	*2.32*		"	*2.50*		*93*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.60*		"	*2.50*		*104*	*60-145*			
Surrogate: Toluene-d8	*2.22*		"	*2.50*		*89*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.37*		"	*2.50*		*95*	*60-120*			
Matrix Spike Dup (7B20020-MSD1)	**Source: MQB0420-01**			Prepared & Analyzed: 02/20/07						
tert-Amyl methyl ether	11.0	0.50	ug/l	10.0	ND	110	65-135	8	25	
Benzene	14.5	0.50	"	10.0	5.5	90	70-125	4	15	
tert-Butyl alcohol	204	5.0	"	200	5.2	99	60-135	2	35	
Di-isopropyl ether	10.2	0.50	"	10.0	0.27	99	70-130	7	35	
1,2-Dibromoethane (EDB)	11.9	0.50	"	10.0	ND	119	80-125	6	15	
1,2-Dichloroethane	11.4	0.50	"	10.0	ND	114	75-125	4	10	
Ethanol	215	300	"	200	ND	108	15-150	2	35	
Ethyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	65-130	5	35	
Ethylbenzene	10.1	0.50	"	10.0	0.95	92	70-130	4	15	
Methyl tert-butyl ether	31.2	0.50	"	10.0	20	112	50-140	3	25	
Toluene	10.4	0.50	"	10.0	0.41	100	70-120	9	15	
Xylenes (total)	30.2	0.50	"	30.0	1.2	97	80-125	3	15	
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.57*		"	*2.50*		*103*	*60-145*			
Surrogate: Toluene-d8	*2.28*		"	*2.50*		*91*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.22*		"	*2.50*		*89*	*60-120*			

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Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

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 7B21004 - EPA 5030B P/T / EPA 8260B										
Blank (7B21004-BLK1)				Prepared & Analyzed: 02/21/07						
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	*2.46*		"	*2.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.40*		"	*2.50*		*96*	*60-145*			
Surrogate: Toluene-d8	*2.39*		"	*2.50*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.28*		"	*2.50*		*91*	*60-120*			
Laboratory Control Sample (7B21004-BS1)				Prepared & Analyzed: 02/21/07						
tert-Amyl methyl ether	10.4	0.50	ug/l	10.0		104	65-135			
Benzene	10.3	0.50	"	10.0		103	70-125			
tert-Butyl alcohol	185	20	"	200		92	60-135			
Di-isopropyl ether	8.28	0.50	"	10.0		83	70-130			
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0		112	75-140			
1,2-Dichloroethane	10.1	0.50	"	10.0		101	75-125			
Ethanol	201	300	"	200		100	15-150			
Ethyl tert-butyl ether	9.39	0.50	"	10.0		94	65-130			
Ethylbenzene	10.3	0.50	"	10.0		103	70-130			
Methyl tert-butyl ether	9.70	0.50	"	10.0		97	50-140			
Toluene	9.87	0.50	"	10.0		99	70-120			
Xylenes (total)	30.2	0.50	"	30.0		101	80-125			
Surrogate: Dibromofluoromethane	*2.47*		"	*2.50*		*99*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		"	*2.50*		*96*	*60-145*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.46*		"	*2.50*		*98*	*60-120*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQB0420
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

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 7B21004 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7B21004-MS1)	**Source: MQB0428-04**			Prepared & Analyzed: 02/21/07						
tert-Amyl methyl ether	10.4	0.50	ug/l	10.0	ND	104	65-135			
Benzene	13.4	0.50	"	10.0	3.5	99	70-125			
tert-Butyl alcohol	186	20	"	200	4.9	91	60-135			
Di-isopropyl ether	8.68	0.50	"	10.0	ND	87	70-130			
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0	ND	112	75-140			
1,2-Dichloroethane	10.6	0.50	"	10.0	ND	106	75-125			
Ethanol	175	300	"	200	ND	88	15-150			
Ethyl tert-butyl ether	9.81	0.50	"	10.0	ND	98	65-130			
Ethylbenzene	23.6	0.50	"	10.0	15	86	70-130			
Methyl tert-butyl ether	14.8	0.50	"	10.0	4.7	101	50-140			
Toluene	11.0	0.50	"	10.0	1.3	97	70-120			
Xylenes (total)	46.1	0.50	"	30.0	18	94	80-125			
Surrogate: Dibromofluoromethane	*2.53*		"	*2.50*		*101*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.55*		"	*2.50*		*102*	*60-145*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.49*		"	*2.50*		*100*	*60-120*			
Matrix Spike Dup (7B21004-MSD1)	**Source: MQB0428-04**			Prepared & Analyzed: 02/21/07						
tert-Amyl methyl ether	10.9	0.50	ug/l	10.0	ND	109	65-135	5	25	
Benzene	13.8	0.50	"	10.0	3.5	103	70-125	3	15	
tert-Butyl alcohol	192	20	"	200	4.9	94	60-135	3	35	
Di-isopropyl ether	9.73	0.50	"	10.0	ND	97	70-130	11	35	
1,2-Dibromoethane (EDB)	11.7	0.50	"	10.0	ND	117	75-140	4	15	
1,2-Dichloroethane	11.0	0.50	"	10.0	ND	110	75-125	4	10	
Ethanol	206	300	"	200	ND	103	15-150	16	35	
Ethyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	65-130	7	35	
Ethylbenzene	23.3	0.50	"	10.0	15	83	70-130	1	15	
Methyl tert-butyl ether	15.4	0.50	"	10.0	4.7	107	50-140	4	25	
Toluene	11.3	0.50	"	10.0	1.3	100	70-120	3	15	
Xylenes (total)	46.6	0.50	"	30.0	18	95	80-125	1	15	
Surrogate: Dibromofluoromethane	*2.57*		"	*2.50*		*103*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.59*		"	*2.50*		*104*	*60-145*			
Surrogate: Toluene-d8	*2.51*		"	*2.50*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.54*		"	*2.50*		*102*	*60-120*			

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Stratus Environmental Inc. [Arco]	Project: ARCO #2169, Oakland, CA	MQB0420
3330 Cameron Park Dr., Suite 550	Project Number: G0C2D-0017	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	02/27/07 13:02

Notes and Definitions

LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
BA	Relative percent difference out of control
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:	830	Temp:	cool
Off-site Time:	1000	Temp:	cool
Sky Conditions:	clear		
Meteorological Events:	none		
Wind Speed:	0	Direction:	n/a

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: cjewitt@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. MQB0420	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	0920	2/7/07		X		01	3				X		X	X	X	X	
2	A-5	850	"		X		02	3				X		X	X	X	X	
3	A-6	910	"		X		03	3				X		X	X	X	X	
4	ADR-1	935	"		X		04	6				X		X	X	X	X	
5	TB 2169 02070[illegible]		"		X		05	2				X		X	X	X	X	HOLD
6																		
7																		
8																		
9																		
10																		

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Jerry Gonzales						
Sampler's Company: Dublas Env.	[signature]	2/9/07	1655	[signature] TA-SAC	2/9/07	1655
Shipment Date:	[signature]	2/12	1550	[signature]	2-13-07	7:55
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: (0 °F/C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: B.P.
REC. BY (PRINT) A.M.
WORKORDER: MQB0420

DATE REC'D AT LAB: 2-13-07
TIME REC'D AT LAB: 7:55
DATE LOGGED IN: 2/13/07

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 #: See Attached								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time? (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper preservatives used? (Yes) / No*								
13. (Trip Blank) / (Temp Blank) Received? (circle which, if yes) (Yes) / No*								
14. Read Temp: 6°C Corrected Temp: 6°C 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								

A.M. 2-13-07

See COC

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

California Overnight Shipping Label

CALIFORNIA OVERNIGHT
1-888-334-5000 / www.calover.com

D10010120563667

Date Printed 2/12/2007

Tracking#D10010120563667

Shipped From:
TEST AMERICA - SACRAMENTO
819 STRIKER AVENUE 8
SACRAMENTO, CA 95834

Sent By: TIM ALBRIGHT
Phone#: (916)921-9600
wgt(lbs): 60
Reference:
Decl. Value: $0.00

Ship To Company:	*Service:* **S**
TESTAMERICA - MORGAN HILL **885 JARVIS DR** **MORGAN HILL, CA 95037** **SAMPLE CONTROL (408)776-9600**	*Sort Code:* **SJC** *Special Services:*

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

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

UPLOADING A GEO_WELL FILE

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

Submittal Title:	1Q07 GEO_WELL 2169
Submittal Date/Time:	4/4/2007 3:38:08 PM
Confirmation Number:	3706527531

Back to Main Menu

Logged in as BROADBENT-C
(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

Your EDF file has been successfully uploaded!

Confirmation Number: 5806569516
Date/Time of Submittal: 4/4/2007 3:40:22 PM
Facility Global ID: T0600100112
Facility Name: ARCO #02169
Submittal Title: 1Q07 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) - **(CM)** **Local Agency (lead agency) - Case #: RO0000072** ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
5806569516	1Q07 GW Monitoring	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	4/4/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

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

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	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%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

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