



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
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April 23, 2008

Re: First Quarter, 2008 Semi-Annual Ground-Water Monitoring Report
Former BP Service Station # 11107
18501 Hesperian Boulevard
San Lorenzo, California
ACEH Case RO0000489

RECEIVED

9:32 am, May 02, 2008

Alameda County
Environmental Health



“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, 2008 Semi-Annual
Ground-Water Monitoring Report**
Former BP Station #11107
18501 Hesperian Boulevard
San Lorenzo, California

Prepared for

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

Prepared by



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

April 2008

Project No. 06-02-645

April 23, 2008

Project No. 06-02-645

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

Attn.: Mr. Paul Supple

Re: First Quarter, 2008 Semi-Annual Ground-Water Monitoring Report, Former BP Station #11107, 18501 Hesperian Boulevard, San Lorenzo, California. ACEH Case No. RO0000489.

Dear Mr. Supple:

Attached is the *First Quarter, 2008 Semi-Annual Ground-Water Monitoring Report* for the Former BP Station #11107 (herein referred to as Station #11107) located at 18501 Hesperian Boulevard, San Lorenzo, California (Property). This report presents a summary of First Quarter, 2008 ground-water monitoring results

Should you have questions please do not hesitate to contact us at (530) 566-1400.

Sincerely,

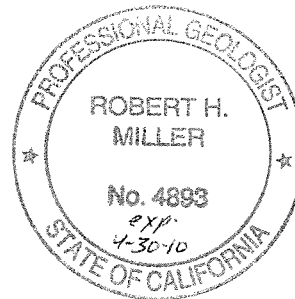
BROADBENT & ASSOCIATES, INC.



Matthew G. Herrick, P.G.
Senior Hydrogeologist



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



Enclosures

cc: Mr. Paresh Khatri, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA, 94502 (Submitted via ACEH ftp Site)
Ms. Shelby Lathrop, ConocoPhillips, 76 Broadway, Sacramento, CA 95818
Mr. Abdul Noor Mayar, 18501 Hesperian Blvd, San Lorenzo, CA 94580
GeoTracker

STATION #11107 SEMI-ANNUAL GROUNDWATER MONITORING REPORT

Facility: #11107	Address: 18501 Hesperian Boulevard, San Lorenzo, California
Station #11107 Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates (BAI) / Rob Miller & Matt Herrick
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH)/ACEH Case No. RO0000489
Consultant Project No.:	06-02-645
Facility Permits/Permitting Agency.:	NA

WORK PERFORMED THIS QUARTER (First Quarter, 2008):

1. Submitted Fourth Quarter, 2007 Status Report. Work performed by BAI.
2. Conducted ground-water monitoring/sampling for First Quarter, 2008. Work performed by Stratus Environmental, Inc.

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

1. Submit First Quarter, 2008 Semi-Annual Ground-Water Monitoring Report (contained herein).
2. No environmental field work is scheduled to be completed on the Property during the Second Quarter, 2008.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	<u>Monitoring/sampling</u>
Frequency of ground-water sampling:	<u>MW-4, MW-5, and MW-6 = Semi-Annual (1Q and 3Q)</u>
Frequency of ground-water monitoring:	<u>MW-1 through MW-7 = Semi-annual (1Q and 3Q)</u>
Is free product (FP) present on-site:	<u>No</u>
Current remediation techniques:	<u>NA</u>
Depth to ground water (below TOC):	<u>15.81 (MW-6) to 17.70 (MW-1)</u>
General ground-water flow direction:	<u>West-Northwest</u>
Approximate hydraulic gradient:	<u>0.004</u>

DISCUSSION:

During First Quarter, 2008 monitor wells MW-4, MW-5, and MW-6 were below laboratory detection limits for gasoline range organics (GRO), benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and fuel additives Methyl tert-butyl ether (MTBE), ethanol, Tert-butyl alcohol (TBA), Diisopropyl ether (DIPE), Ethyl tert butyl ether (ETBE), Tert-amyl methyl ether (TAME), 1,2-Dichloroethane (1,2-DCA), and 1,2-Dibromoethane (EDB).

Ground-water elevations for First Quarter, 2008 were within historic minimum and maximum ranges for each well.

Drawing 1 depicts a ground-water elevation contour and an analytical summary map for the First Quarter, 2008. Table 1 includes a summary of ground-water monitoring data including relative water elevations and laboratory analyses. Table 2 provides a summary of fuel additives analytical data. Table 3 lists historical ground-water flow direction and gradient data.

Case closure was requested on April 23, 2003 by Atlantic Richfield Company. A response from the ACWD regarding the closure request has not been received. Data collected during the First

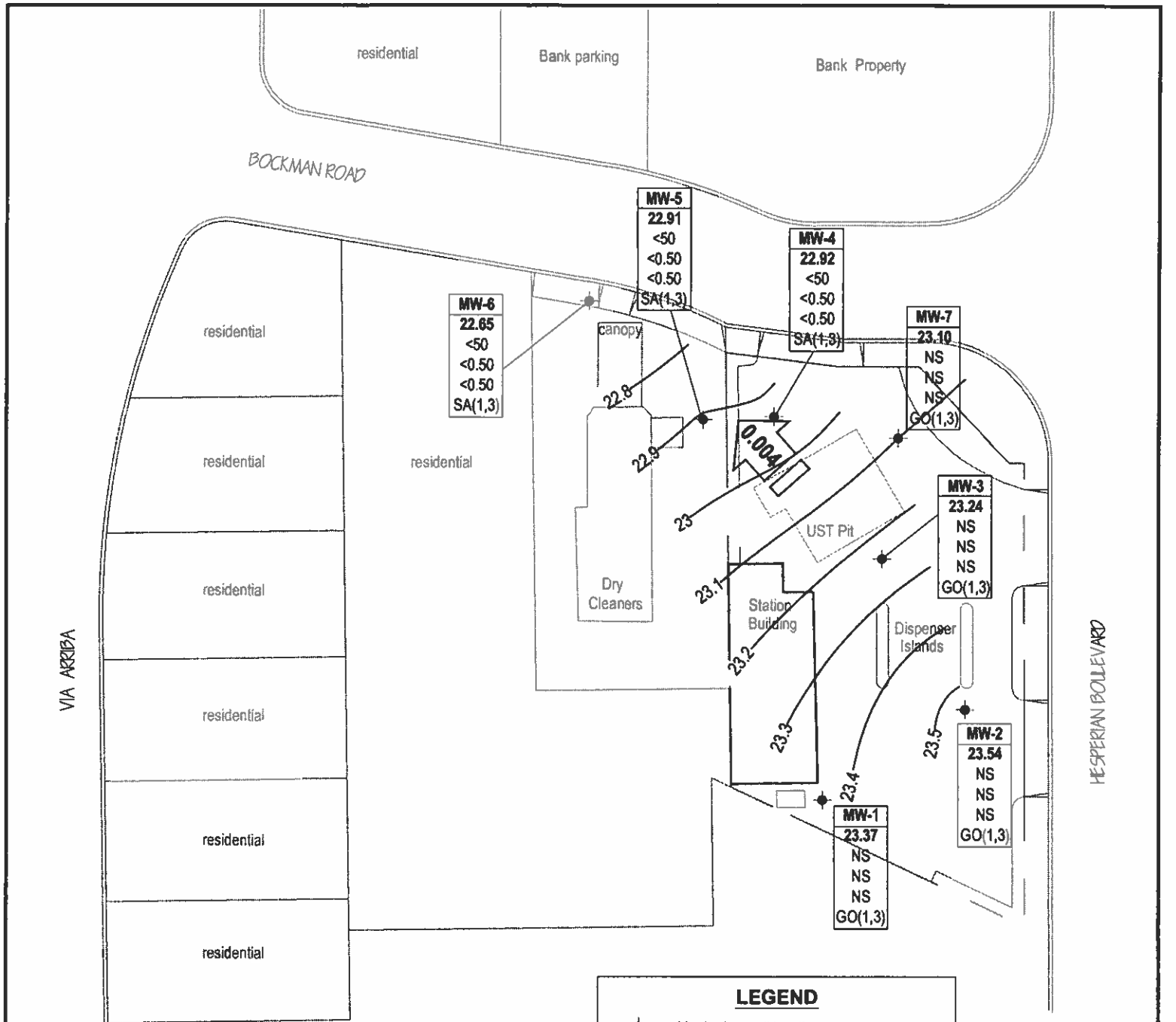
Quarter, 2008 continue to document ground-water concentrations below water quality objectives at the site. It is again requested that the ACEH consider case closure at Station #11107.

CLOSURE:

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

ATTACHMENTS:

- Drawing 1. Ground-Water Elevation Contour and Analytical Summary Map, Station #11107, San Lorenzo, CA
- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #11107, San Lorenzo, CA
- Table 2. Summary of Fuel Additives Analytical Data, Station #11107, San Lorenzo, CA
- Table 3. Historical Ground-Water Flow Direction and Gradient, Station #11107, San Lorenzo, CA
- Appendix A. Stratus Environmental, Inc. Ground-Water Sampling Data Package (Includes Field Data Sheets, Non-hazardous Waste Data Forms, and Laboratory Report and Chain of Custody Documentation)
- Appendix B. GeoTracker Upload Confirmation



LEGEND

- ◆ Monitoring well location
- WELL — Well designation
- ELEV — Ground-water elevation
- GRO — GRO, Benzene and MTBE concentrations in micrograms per liter (µg/L)
- Benzene
- MTBE
- SA — Sampling frequency
- < — Not detected at or above laboratory reporting limits
- NS — Not sampled
- SA(1,3) — Sampled semi-annually in 1st & 3rd quarters
- GO(1,3) — Gauged only semi-annually in 1st & 3rd quarters
- ← 0.004 | — Approximate ground-water flow direction and gradient (ft/ft)
- 23.1 — Ground-water elevation contour line (ft/MSL)

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

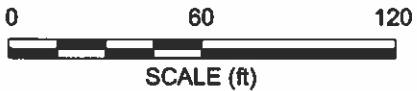
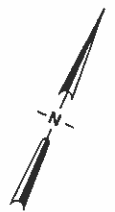


Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE						
MW-1																		
11/4/1992	--	j	41.07	20.78	--	20.29	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	<50	<5000	--
11/4/1992	--	c, j	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
2/24/1994	--	j	41.07	20.70	--	20.37	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	<50	<5000	--
5/12/1994	--	j	41.07	18.12	--	22.95	<50	<0.5	<0.5	<0.5	<0.5	<5.0	7.0	PACE	--	<50	<5000	--
9/9/1994	--	j	41.07	21.74	--	19.33	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.3	PACE	--	<50	<5000	--
11/3/1994	--	j	41.07	20.01	--	21.06	<50	<0.5	<0.5	<0.5	<0.5	<5.0	4.3	PACE	--	50	<5000	--
3/1/1995	--		41.07	17.44	--	23.63	<50	<50	<0.50	<0.50	<1.0	--	2.3	ATI	--	<500	420	--
6/6/1995	--		41.07	17.55	--	23.52	--	--	--	--	--	--	--	--	--	--	--	--
9/1/1995	--		41.07	18.19	--	22.88	<50	<0.50	<0.50	<0.50	<1.0	<5.0	8.8	ATI	--	<50	60	--
11/29/1995	--		41.07	18.84	--	22.23	--	--	--	--	--	--	--	--	--	--	--	--
3/23/1996	--		41.07	16.97	--	24.10	<50	<0.5	<1.0	<1.0	<1.0	<10	9.6	SPL	--	--	--	--
9/5/1996	--		41.07	17.74	--	23.33	110	<0.5	<1.0	<1.0	<1.0	<10	3.6	SPL	--	--	--	--
3/11/1997	--		41.07	17.62	--	23.45	<50	<0.5	<1.0	<1.0	<1.0	<10	5.2	SPL	--	--	--	--
12/8/1997	--		41.07	16.30	--	24.77	<50	<0.5	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--
7/8/1998	--		41.07	16.66	--	24.41	--	--	--	--	--	--	--	--	--	--	--	--
12/7/1998	--		41.07	17.80	--	23.27	--	--	--	--	--	--	--	--	--	--	--	--
1/19/1999	--		41.07	17.18	--	23.89	--	--	--	--	--	--	--	--	--	--	--	--
4/23/1999	--		41.07	17.40	--	23.67	--	--	--	--	--	--	--	--	--	--	--	--
7/20/1999	--		41.07	17.76	--	23.31	--	--	--	--	--	--	--	--	--	--	--	--
2/29/2000	--		41.07	17.17	--	23.90	--	--	--	--	--	--	--	--	--	--	--	--
4/14/2000	--		41.07	17.22	--	23.85	--	--	--	--	--	--	--	--	--	--	--	--
7/24/2000	--		41.07	17.61	--	23.46	--	--	--	--	--	--	--	--	--	--	--	--
10/30/2000	--		41.07	17.76	--	23.31	--	--	--	--	--	--	--	--	--	--	--	--
1/11/2001	--		41.07	17.88	--	23.19	--	--	--	--	--	--	--	--	--	--	--	--
5/17/2001	--		41.07	17.82	--	23.25	--	--	--	--	--	--	--	--	--	--	--	--
7/2/2001	--		41.07	17.95	--	23.12	--	--	--	--	--	--	--	--	--	--	--	--
11/2/2001	--		41.07	18.25	--	22.82	--	--	--	--	--	--	--	--	--	--	--	--
8/6/2002	--		41.07	17.93	--	23.14	--	--	--	--	--	--	--	--	--	--	--	--
10/16/2002	--		41.07	18.32	--	22.75	--	--	--	--	--	--	--	--	--	--	--	--
1/13/2003	-		41.07	17.31	--	23.76	--	--	--	--	--	--	--	--	--	--	--	--
5/2/2003	--		41.07	17.55	--	23.52	--	--	--	--	--	--	--	--	--	--	--	--

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

Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations In (µg/L)					DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes						
MW-1 Cont.																	
7/11/2003	--		41.07	17.80	--	23.27	--	--	--	--	--	--	--	--	--	--	--
10/01/2003	--		41.07	17.68	--	23.39	--	--	--	--	--	--	--	--	--	--	--
02/11/2004	--		41.07	17.68	--	23.39	--	--	--	--	--	--	--	--	--	--	--
07/21/2004	--		41.07	18.06	--	23.01	--	--	--	--	--	--	--	--	--	--	--
01/20/2005	--		41.07	17.56	--	23.51	--	--	--	--	--	--	--	--	--	--	--
07/19/2005	--		41.07	18.00	--	23.07	--	--	--	--	--	--	--	--	--	--	--
01/11/2006	--		41.07	17.17	--	23.90	--	--	--	--	--	--	--	--	--	--	--
7/26/2006	--		41.07	17.79	--	23.28	--	--	--	--	--	--	--	--	--	--	--
1/11/2007	--		41.07	17.85	--	23.22	--	--	--	--	--	--	--	--	--	--	--
7/23/2007	--		41.07	18.10	--	22.97	--	--	--	--	--	--	--	--	--	--	--
1/16/2008	--		41.07	17.70	--	23.37	--	--	--	--	--	--	--	--	--	--	--
MW-2																	
11/4/1992	--	j	40.56	20.16	--	20.40	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--
2/24/1994	--	j	40.56	20.12	--	20.44	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	--	--
5/12/1994	--	j	40.56	17.49	--	23.07	<50	<0.5	<0.5	<0.5	<0.5	<5.0	7.4	PACE	--	--	--
9/9/1994	--	j	40.56	21.12	--	19.44	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.1	PACE	--	--	--
11/3/1994	--	j	40.56	19.36	--	21.20	<50	<0.5	<0.5	<0.5	<0.5	<5.0	4.2	PACE	--	--	--
3/1/1995	--		40.56	16.83	--	23.73	<50	<0.50	<0.50	<0.50	<1.0	--	2.2	ATI	--	--	--
6/6/1995	--		40.56	16.96	--	23.60	--	--	--	--	--	--	--	--	--	--	--
9/1/1995	--		40.56	17.54	--	23.02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	7.9	ATI	--	--	--
11/29/1995	--		40.56	18.19	--	22.37	--	--	--	--	--	--	--	--	--	--	--
3/23/1996	--		40.56	16.35	--	24.21	<50	<0.5	<1	<1	<1	<10	8.5	SPL	--	--	--
9/5/1996	--		40.56	17.55	--	23.01	<50	<0.5	<1.0	<1.0	<1.0	<10	3.2	SPL	--	--	--
3/11/1997	--		40.56	16.95	--	23.61	<50	<0.5	<1.0	<1.0	<1.0	<10	2.9	SPL	--	--	--
12/8/1997	--		40.56	16.01	--	24.55	<50	<0.5	<1.0	<1.0	<1.0	<10	3.0	SPL	--	--	--
7/8/1998	--		40.56	16.41	--	24.15	--	--	--	--	--	--	--	--	--	--	--
12/7/1998	--		40.56	17.15	--	23.41	--	--	--	--	--	--	--	--	--	--	--
1/19/1999	--		40.56	17.15	--	23.41	--	--	--	--	--	--	--	--	--	--	--
4/23/1999	--		40.56	16.89	--	23.67	--	--	--	--	--	--	--	--	--	--	--
7/20/1999	--		40.56	17.25	--	23.31	--	--	--	--	--	--	--	--	--	--	--

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

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							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes						
MW-2 Cont.																	
12/30/1999	--		40.56	17.44	--	23.12	--	--	--	--	--	--	--	--	--	--	--
2/29/2000	--		40.56	16.13	--	24.43	--	--	--	--	--	--	--	--	--	--	--
4/14/2000	--		40.56	16.88	--	23.68	--	--	--	--	--	--	--	--	--	--	--
7/24/2000	--		40.56	17.11	--	23.45	--	--	--	--	--	--	--	--	--	--	--
10/30/2000	--		40.56	17.12	--	23.44	--	--	--	--	--	--	--	--	--	--	--
1/11/2001	--		40.56	17.28	--	23.28	--	--	--	--	--	--	--	--	--	--	--
5/17/2001	--		40.56	17.20	--	23.36	--	--	--	--	--	--	--	--	--	--	--
7/2/2001	--		40.56	17.45	--	23.11	--	--	--	--	--	--	--	--	--	--	--
11/2/2001	--		40.56	17.62	--	22.94	--	--	--	--	--	--	--	--	--	--	--
8/6/2002	--		40.56	17.42	--	23.14	--	--	--	--	--	--	--	--	--	--	--
10/16/2002	--		40.56	17.74	--	22.82	--	--	--	--	--	--	--	--	--	--	--
1/13/2003	--		40.56	16.74	--	23.82	--	--	--	--	--	--	--	--	--	--	--
5/2/2003	--		40.56	17.00	--	23.56	--	--	--	--	--	--	--	--	--	--	--
7/11/2003	--		40.56	17.29	--	23.27	--	--	--	--	--	--	--	--	--	--	--
10/01/2003	--		40.56	17.59	--	22.97	--	--	--	--	--	--	--	--	--	--	--
02/11/2004	--		40.56	17.27	--	23.29	--	--	--	--	--	--	--	--	--	--	--
07/21/2004	--		40.56	17.42	--	23.14	--	--	--	--	--	--	--	--	--	--	--
01/20/2005	--		40.56	16.77	--	23.79	--	--	--	--	--	--	--	--	--	--	--
07/19/2005	--		40.56	17.17	--	23.39	--	--	--	--	--	--	--	--	--	--	--
01/11/2006	--		40.56	16.57	--	23.99	--	--	--	--	--	--	--	--	--	--	--
7/26/2006	--		40.56	17.07	--	23.49	--	--	--	--	--	--	--	--	--	--	--
1/11/2007	--		40.56	17.27	--	23.29	--	--	--	--	--	--	--	--	--	--	--
7/23/2007	--		40.56	17.45	--	23.11	--	--	--	--	--	--	--	--	--	--	--
1/16/2008	--		40.56	17.02	--	23.54	--	--	--	--	--	--	--	--	--	--	--
MW-3																	
11/4/1992	--	j	40.45	20.23	--	20.22	760	3.7	15	1.9	57	--	--	PACE	--	--	--
2/24/1994	--	j	40.45	20.24	--	20.21	<50	<0.5	<0.5	<0.5	<0.5	30.66	--	PACE	--	--	--
5/12/1994	--	j	40.45	17.61	--	22.84	<50	<0.5	<0.5	<0.5	<0.5	7.11	7.3	PACE	--	--	--
9/9/1994	--	j	40.45	21.22	--	19.23	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.0	PACE	--	--	--
11/3/1994	--	j	40.45	19.48	--	20.97	<50	<0.5	<0.5	<0.5	<0.5	10.98	3.6	PACE	--	--	--

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

Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE						
MW-3 Cont.																		
3/1/1995	--		40.45	17.08	--	23.37	<50	<0.50	<0.50	<0.50	<1.0	--	1.9	ATI	--	--	--	--
6/6/1995	--		40.45	17.21	--	23.24	--	--	--	--	--	--	--	--	--	--	--	--
9/1/1995	--		40.45	17.69	--	22.76	200	2.7	33	7.2	43	<5.0	7.8	ATI	--	--	--	--
9/1/1995	--		40.45	18.29	--	22.16	--	--	--	--	--	--	--	--	--	--	--	--
3/23/1996	--		40.45	16.59	--	23.86	<50	<0.5	<1	<1	<1	<10	7.3	SPL	--	--	--	--
9/5/1996	--		40.45	17.71	--	22.74	<50	<0.5	<1.0	<1.0	<1.0	<10	3.2	SPL	--	--	--	--
3/11/1997	--		40.45	17.17	--	23.28	<50	<0.5	<1.0	<1.0	<1.0	<10	1.5	SPL	--	--	--	--
12/8/1997	--		40.45	16.12	--	24.33	<50	<0.5	<1.0	<1.0	<1.0	<10	1.9	SPL	--	--	--	--
7/8/1998	--		40.45	16.40	--	24.05	--	--	--	--	--	--	--	--	--	--	--	--
12/7/1998	--		40.45	17.32	--	23.13	--	--	--	--	--	--	--	--	--	--	--	--
1/19/1999	--		40.45	17.30	--	23.15	--	--	--	--	--	--	--	--	--	--	--	--
4/23/1999	--		40.45	17.07	--	23.38	--	--	--	--	--	--	--	--	--	--	--	--
7/20/1999	--		40.45	17.47	--	22.98	--	--	--	--	--	--	--	--	--	--	--	--
12/30/1999	--		40.45	17.60	--	22.85	--	--	--	--	--	--	--	--	--	--	--	--
2/29/2000	--		40.45	16.43	--	24.02	--	--	--	--	--	--	--	--	--	--	--	--
4/14/2000	--		40.45	17.09	--	23.36	--	--	--	--	--	--	--	--	--	--	--	--
7/24/2000	--		40.45	17.44	--	23.01	--	--	--	--	--	--	--	--	--	--	--	--
10/30/2000	--		40.45	17.29	--	23.16	--	--	--	--	--	--	--	--	--	--	--	--
1/11/2001	--		40.45	17.49	--	22.96	--	--	--	--	--	--	--	--	--	--	--	--
5/17/2001	--		40.45	17.45	--	23.00	--	--	--	--	--	--	--	--	--	--	--	--
7/2/2001	--		40.45	17.70	--	22.75	--	--	--	--	--	--	--	--	--	--	--	--
11/2/2001	--		40.45	17.82	--	22.63	--	--	--	--	--	--	--	--	--	--	--	--
8/6/2002	--		40.45	17.62	--	22.83	--	--	--	--	--	--	--	--	--	--	--	--
10/16/2002	--		40.45	17.82	--	22.63	--	--	--	--	--	--	--	--	--	--	--	--
1/13/2003	--		40.45	16.95	--	23.50	--	--	--	--	--	--	--	--	--	--	--	--
5/2/2003	--		40.45	17.26	--	23.19	--	--	--	--	--	--	--	--	--	--	--	--
7/11/2003	--		40.45	17.44	--	23.01	--	--	--	--	--	--	--	--	--	--	--	--
10/01/2003	--		40.45	17.72	--	22.73	--	--	--	--	--	--	--	--	--	--	--	--
02/11/2004	--		40.45	17.41	--	23.04	--	--	--	--	--	--	--	--	--	--	--	--
07/21/2004	--		40.45	17.60	--	22.85	--	--	--	--	--	--	--	--	--	--	--	--
01/20/2005	--		40.45	16.98	--	23.47	--	--	--	--	--	--	--	--	--	--	--	--

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

Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE						
MW-3 Cont.																		
07/19/2005	--		40.45	17.38	--	23.07	--	--	--	--	--	--	--	--	--	--	--	--
01/11/2006	--		40.45	16.80	--	23.65	--	--	--	--	--	--	--	--	--	--	--	--
7/26/2006	--		40.45	17.48	--	22.97	--	--	--	--	--	--	--	--	--	--	--	--
1/11/2007	--		40.45	17.45	--	23.00	--	--	--	--	--	--	--	--	--	--	--	--
7/23/2007	--		40.45	17.63	--	22.82	--	--	--	--	--	--	--	--	--	--	--	--
1/16/2008	--		40.45	17.21	--	23.24	--	--	--	--	--	--	--	--	--	--	--	--
MW-4																		
11/4/1992	--	(j)	39.24	19.18	--	20.06	900	150	4.1	0.8	53	--	--	PACE	--	--	--	--
2/24/1994	--	c, d, j	--	--	--	--	310	95	5.3	2.2	17	1,479	--	PACE	--	--	--	--
2/24/1994	--	d, j	39.24	19.22	--	20.02	240	110	3.8	1.8	11	1,433	--	PACE	--	--	--	--
5/12/1994	--	c, d, j	--	--	--	--	430	2.6	1.3	<0.5	<0.5	912	--	PACE	--	--	--	--
5/12/1994	--	d, j	39.24	16.62	--	22.62	<50	2.2	1	<0.5	<0.5	862	7.3	PACE	--	--	--	--
9/9/1994	--	c, j	--	--	--	--	57	1.7	<0.5	<0.5	0.5	83	--	PACE	--	--	--	--
9/9/1994	--	j	39.24	20.27	--	18.97	240	9.1	1.3	0.6	2.5	397	2.2	PACE	--	--	--	--
11/3/1994	--	c, j	--	--	--	--	110	2.4	<0.5	<0.5	<0.5	642	--	PACE	--	--	--	--
11/3/1994	--	j	39.24	18.46	--	20.78	250	3.1	2.8	1	3.3	319	3.2	PACE	--	--	--	--
3/1/1995	--	c	--	--	--	--	7,600	1,700	25	410	370	--	--	ATI	--	--	--	--
3/1/1995	--		39.24	16.15	--	23.09	8,900	1,800	26	450	400	--	2.0	ATI	--	--	--	--
6/6/1995	--	e	39.24	16.28	--	22.96	3,100	530	25	170	85	--	--	ATI	--	--	--	--
6/6/1995	--	c	--	--	--	--	3,000	530	27	170	92	--	--	ATI	--	--	--	--
9/1/1995	--	f	39.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/1995	--		39.24	17.31	--	21.93	<50	1.8	<0.50	<0.50	<1.0	440	3.2	ATI	--	--	--	--
11/29/1995	--	c	--	--	--	--	<50	1.5	<0.50	<0.50	<1.0	490	--	ATI	--	--	--	--
3/23/1996	--		39.24	15.74	--	23.50	2,700	480	<25	180	176	13,000	7.8	SPL	--	--	--	--
9/5/1996	--		39.24	16.75	--	22.49	1,100	<12	<25	<25	<25	3,200	4.0	SPL	--	--	--	--
3/11/1997	--		39.24	16.10	--	23.14	2,400	46	<10	66	106	3,400	4.0	SPL	--	--	--	--
12/8/1997	--		39.24	15.96	--	23.28	590	11	<1.0	<1.0	<1.0	1,200	4.4	SPL	--	--	--	--
12/8/1997	--	c	--	--	--	--	620	11	<1.0	<1.0	<1.0	1,100	--	SPL	--	--	--	--
7/8/1998	--	c	--	--	--	--	1,600	<0.5	<1.0	<1.0	<1.0	1,100	--	SPL	--	--	--	--
7/8/1998	--		39.24	16.28	--	22.96	1,700	<0.5	<1.0	<1.0	<1.0	1,200	3.9	SPL	--	--	--	--

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

Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE						
MW-4 Cont.																		
12/7/1998	--	h	39.24	16.47	--	22.77	530	<2.5	<5.0	<5.0	<5.0	680/910	--	SPL	--	--	--	--
1/19/1999	--		39.24	16.40	--	22.84	570	<1.0	<1.0	<1.0	<1.0	660	--	SPL	--	--	--	--
4/23/1999	--	h	39.24	16.17	--	23.07	<50	<1.0	<1.0	1.8	1.3	1100/810	--	SPL	--	--	--	--
7/20/1999	--		39.24	16.39	--	22.85	<50	<1.0	<1.0	<1.0	<1.0	590/480	--	SPL	--	--	--	--
12/30/1999	--		39.24	16.56	--	22.68	<50	<0.5	<0.5	<0.5	<0.5	280/410	--	PACE	--	--	--	--
2/29/2000	--	i	39.24	15.69	--	23.55	78	2	<0.5	0.77	2.8	870/1200	--	PACE	--	--	--	--
4/14/2000	--		39.24	16.21	--	23.03	300	<0.5	<0.5	<0.5	<0.5	800	--	PACE	--	--	--	--
7/24/2000	--		39.24	16.50	--	22.74	130	<0.5	<0.5	<0.5	<0.5	390/270	--	PACE	--	--	--	--
10/30/2000	--		39.24	16.35	--	22.89	73	<0.5	<0.5	<0.5	<0.5	160/210	--	PACE	--	--	--	--
1/11/2001	--		39.24	16.46	--	22.78	120	<0.5	<0.5	<0.5	<0.5	170/176	--	PACE	--	--	--	--
5/17/2001	--		39.24	16.40	--	22.84	99	<0.5	<0.5	<0.5	<1.5	91/119	--	PACE	--	--	--	--
7/2/2001	--		39.24	16.75	--	22.49	63	<0.5	<0.5	<0.5	<1.5	66/87.6	--	PACE	--	--	--	--
11/2/2001	--		39.24	16.80	--	22.44	56	<0.5	<0.5	<0.5	<1.5	49.6	--	PACE	--	--	--	--
8/6/2002	--		39.24	16.60	--	22.64	<50	<0.5	<0.5	<0.5	<1.5	14.4	--	PACE	--	--	--	--
10/16/2002	--		39.24	16.86	--	22.38	<50	<0.50	<0.50	<0.50	<0.50	16	--	SEQ	--	--	--	--
1/13/2003	--		39.24	16.13	--	23.11	<50	<0.50	<0.50	<0.50	<0.50	21	--	SEQ	--	--	--	--
5/2/2003	--		39.24	16.38	--	22.86	<50	<0.50	<0.50	<0.50	<0.50	7.2	--	SEQ	--	--	--	--
7/11/2003	--		39.24	16.50	--	22.74	<50	<0.50	<0.50	<0.50	<0.50	2.0/2.0	--	SEQ	--	--	--	--
10/01/2003	--		39.24	16.75	--	22.49	<50	<0.50	<0.50	<0.50	<0.50	3.1	--	SEQM	--	--	--	--
02/11/2004	P		39.24	16.35	--	22.89	<50	<0.50	<0.50	<0.50	<0.50	3.3	--	SEQM	6.9	--	--	--
07/21/2004	P		39.24	16.68	--	22.56	<50	<0.50	<0.50	<0.50	<0.50	0.61	--	SEQM	6.9	--	--	--
01/20/2005	P		39.24	16.08	--	23.16	<50	<0.50	<0.50	<0.50	<0.50	1.4	--	SEQM	6.5	--	--	--
07/19/2005	P		39.24	16.50	--	22.74	<50	<0.50	<0.50	<0.50	<0.50	0.57	--	SEQM	7.4	--	--	--
01/11/2006	P		39.24	15.98	--	23.26	<50	<0.50	<0.50	<0.50	<0.50	0.58	--	SEQM	6.9	--	--	--
7/26/2006	P		39.24	16.46	--	22.78	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	TAMC	6.93	--	--	--
1/11/2007	P		39.24	16.54	--	22.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.43	TAMC	6.99	--	--	--
7/23/2007	P		39.24	16.68	--	22.56	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.27	TAMC	7.20	--	--	--
1/16/2008	P		39.24	16.32	--	22.92	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.38	TAMC	7.18	--	--	--
MW-5																		
6/6/1995	--	(e)	39.07	16.16	--	22.91	1,100	42	<2.5	15	4	--	--	ATI	--	--	--	--

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Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE						
MW-5 Cont.																		
9/1/1995	--	c	--	--	--	--	1,200	64	<2.5	14	3.1	--	--	ATI	--	--	--	--
9/1/1995	--		39.07	16.63	--	22.44	1,600	55	<2.5	15	8	1,200	7.4	ATI	--	--	--	--
11/29/1995	--		39.07	17.19	--	21.88	2,300	140	4	36	11	1,500	4.1	ATI	--	--	--	--
3/23/1996	--		39.07	15.54	--	23.53	90	2.8	<1	<1	<1	1,500	7.5	SPL	--	--	--	--
9/5/1996	--		39.07	16.72	--	22.35	2,300	5.1	<1.0	<1.0	<1.0	3,300	3.2	SPL	--	--	--	--
9/5/1996	--	c	--	--	--	--	2,000	4.9	<1.0	<1.0	<1.0	2,900	--	SPL	--	--	--	--
3/11/1997	--	c	--	--	--	--	460	<5.0	<5.0	<5.0	<5.0	540	--	SPL	--	--	--	--
3/11/1997	--		39.07	16.12	--	22.95	470	<5.0	<5.0	<5.0	<5.0	580	3.0	SPL	--	--	--	--
12/8/1997	--		39.07	15.85	--	23.22	370	<0.5	<1.0	<1.0	<1.0	840	3.0	SPL	--	--	--	--
7/8/1998	--		39.07	16.11	--	22.96	430	<0.5	<1.0	<1.0	<1.0	330	2.5	SPL	--	--	--	--
12/7/1998	--	h	39.07	16.27	--	22.80	220	<0.5	<1.0	<1.0	<1.0	290/410	--	SPL	--	--	--	--
1/19/1999	--	h	39.07	16.31	--	22.76	490	<1.0	<1.0	<1.0	<1.0	490/440	--	SPL	--	--	--	--
4/23/1999	--	h	39.07	16.00	--	23.07	<50	<1.0	<1.0	<1.0	<1.0	310/210	--	SPL	--	--	--	--
7/20/1999	--		39.07	16.36	--	22.71	<50	<1.0	<1.0	<1.0	<1.0	490/470	--	SPL	--	--	--	--
12/30/1999	--		39.07	16.53	--	22.54	<50	<0.5	<0.5	<0.5	<0.5	470/550	--	PACE	--	--	--	--
2/29/2000	--		39.07	15.45	--	23.62	<50	<0.5	<0.5	<0.5	<0.5	190/280	--	PACE	--	--	--	--
4/14/2000	--		39.07	16.10	--	22.97	81	<0.5	<0.5	<0.5	<0.5	200/240	--	PACE	--	--	--	--
7/24/2000	--		39.07	16.50	--	22.57	250	<0.5	<0.5	<0.5	<0.5	630/570	--	PACE	--	--	--	--
10/30/2000	--		39.07	16.23	--	22.84	140	<0.5	0.7	<0.5	1.1	260/360	--	PACE	--	--	--	--
1/11/2001	--		39.07	16.41	--	22.66	420	<0.5	<0.5	<0.5	<0.5	540/585	--	PACE	--	--	--	--
5/17/2001	--		39.07	16.45	--	22.62	360	<0.5	<0.5	<0.5	<1.5	320/419	--	PACE	--	--	--	--
7/2/2001	--		39.07	16.65	--	22.42	210	<0.5	<0.5	<0.5	<1.5	290/264	--	PACE	--	--	--	--
11/2/2001	--		39.07	16.73	--	22.34	130	<0.5	<0.5	<0.5	<1.5	134	--	PACE	--	--	--	--
8/6/2002	--		39.07	16.57	--	22.50	<50	<0.5	<0.5	<0.5	<1.5	57.6	--	PACE	--	--	--	--
10/16/2002	--		39.07	16.73	--	22.34	<50	<0.50	<0.50	<0.50	<0.50	52	--	SEQ	--	--	--	--
1/13/2003	--		39.07	16.01	--	23.06	58	1.2	<0.50	<0.50	1.4	30	--	SEQ	--	--	--	--
5/2/2003	--		39.07	16.27	--	22.80	<50	<0.50	<0.50	<0.50	<0.50	17	--	SEQ	--	--	--	--
7/11/2003	--		39.07	16.42	--	22.65	58	<0.50	<0.50	<0.50	<0.50	19/19	--	SEQ	--	--	--	--
10/01/2003	--		39.07	16.65	--	22.42	71	<0.50	<0.50	<0.50	<0.50	17	--	SEQM	--	--	--	--
02/11/2004	P	m	39.22	16.39	--	22.83	130	<0.50	<0.50	<0.50	<0.50	35	--	SEQM	6.8	--	--	--
07/21/2004	NP		39.22	16.73	--	22.49	<50	<0.50	<0.50	<0.50	<0.50	8.3	--	SEQM	6.9	--	--	--

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

Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)	
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes							MtBE
MW-5 Cont.																		
01/20/2005	P		39.22	16.13	--	23.09	<50	<0.50	<0.50	<0.50	<0.50	2.3	--	SEQM	6.5	--	--	--
07/19/2005	P		39.22	16.69	--	22.53	<50	<0.50	<0.50	<0.50	<0.50	0.76	--	SEQM	7.2	--	--	--
01/11/2006	P		39.22	16.21	--	23.01	<50	<0.50	<0.50	<0.50	<0.50	0.61	--	SEQM	6.9	--	--	--
7/26/2006	P		39.22	16.57	--	22.65	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	TAMC	6.81	--	--	--
1/11/2007	P		39.22	16.60	--	22.62	<50	<0.50	<0.50	<0.50	<0.50	0.62	2.08	TAMC	6.80	--	--	--
7/23/2007	P		39.22	16.75	--	22.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.43	TAMC	7.17	--	--	--
1/16/2008	P		39.22	16.31	--	22.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.91	TAMC	7.11	--	--	--
MW-6																		
3/1/1995	--		38.46	15.66	--	22.80	270	11	<0.50	<0.50	<1.0	--	1.6	ATI	--	--	--	--
6/6/1995	--	e	38.46	15.82	--	22.64	220	2.3	<0.50	<0.50	<1.0	--	--	ATI	--	--	--	--
9/1/1995	--		38.46	16.25	--	22.21	780	<2.5	<2.5	<2.5	<5.0	2,800	7.5	ATI	--	--	--	--
11/29/1995	--		38.46	16.80	--	21.66	<50	<0.50	<0.50	<0.50	<1.0	1,100	3.9	ATI	--	--	--	--
3/23/1996	--		38.46	15.27	--	23.19	50	<0.5	<1	<1	<1	910	8.0	SPL	--	--	--	--
9/5/1996	--		38.46	16.30	--	22.16	4,400	<0.5	<1.0	<1.0	<1.0	7,400	3.0	SPL	--	--	--	--
3/11/1997	--		38.46	15.75	--	22.71	1,100	<5.0	<5.0	<5.0	<5.0	2,000	3.1	SPL	--	--	--	--
12/8/1997	--		38.46	15.51	--	22.95	150	<0.5	<1.0	<1.0	<1.0	140	3.4	SPL	--	--	--	--
7/8/1998	--		38.46	15.78	--	22.68	370	<0.5	<1.0	<1.0	<1.0	250	3.6	SPL	--	--	--	--
12/7/1998	--	h	38.46	15.95	--	22.51	440	<1.0	<1.0	<1.0	<1.0	630/820	--	--	--	--	--	--
1/19/1999	--	b	38.46	15.97	--	22.49	950	<1.0	<1.0	<1.0	<1.0	950/810	--	SPL	--	--	--	--
4/23/1999	--	h	38.46	15.74	--	22.72	<50	<1.0	<1.0	<1.0	<1.0	310/220	--	SPL	--	--	--	--
7/20/1999	--		38.46	16.12	--	22.34	<50	<1.0	<1.0	<1.0	<1.0	1400/1300	--	SPL	--	--	--	--
12/30/1999	--		38.46	16.16	--	22.30	<50	<0.5	<0.5	<0.5	<0.5	300/360	--	PACE	--	--	--	--
2/29/2000	--		38.46	15.08	--	23.38	<50	<0.5	<0.5	<0.5	<0.5	240/340	--	PACE	--	--	--	--
4/14/2000	--		38.46	15.82	--	22.64	90	<0.5	<0.5	<0.5	<0.5	200/220	--	PACE	--	--	--	--
7/24/2000	--		38.46	16.03	--	22.43	240	<0.5	<0.5	<0.5	<0.5	600/540	--	PACE	--	--	--	--
10/30/2000	--		38.46	15.83	--	22.63	120	<0.5	<0.5	<0.5	<0.5	260/380	--	PACE	--	--	--	--
1/11/2001	--		38.46	16.00	--	22.46	<50	<0.5	<0.5	<0.5	<0.5	2.4/2.69	--	PACE	--	--	--	--
5/17/2001	--		38.46	16.05	--	22.41	140	<0.5	<0.5	<0.5	<1.5	130/169	--	PACE	--	--	--	--
7/2/2001	--		38.46	16.27	--	22.19	70	<0.5	<0.5	<0.5	<1.5	80/91.4	--	PACE	--	--	--	--
11/2/2001	--		38.46	16.31	--	22.15	<50	<0.5	<0.5	<0.5	<1.5	32.3	--	PACE	--	--	--	--

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

Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes						
MW-6 Cont.																	
8/6/2002	--		38.46	16.14	--	22.32	<50	<0.5	<0.5	<0.5	<1.5	6.73	--	PACE	--	--	--
10/16/2002	--		38.46	16.38	--	22.08	<50	<0.50	<0.50	<0.50	<0.50	<2.50	--	SEQ	--	--	--
1/13/2003	--		38.46	15.66	--	22.80	<50	3.6	1.2	1.4	4.8	3.9	--	SEQ	--	--	--
5/2/2003	--		38.46	15.89	--	22.57	<50	<0.50	<0.50	<0.50	<0.50	12	--	SEQ	--	--	--
7/11/2003	--		38.46	16.03	--	22.43	<50	<0.50	<0.50	<0.50	<0.50	17/17	--	SEQ	--	--	--
10/01/2003	--		38.46	15.90	--	22.56	<50	<0.50	<0.50	<0.50	<0.50	3.5	--	SEQM	--	--	--
02/11/2004	P		38.46	15.90	--	22.56	<50	<0.50	<0.50	<0.50	<0.50	2.0	--	SEQM	6.9	--	--
07/21/2004	P		38.46	16.18	--	22.28	<50	<0.50	<0.50	<0.50	<0.50	3.0	--	SEQM	6.5	--	--
01/20/2005	P		38.46	15.67	--	22.79	<50	<0.50	<0.50	<0.50	<0.50	2.4	--	SEQM	6.6	--	--
07/19/2005	P		38.46	16.04	--	22.42	<50	<0.50	<0.50	<0.50	<0.50	0.61	--	SEQM	7.4	--	--
01/11/2006	P		38.46	15.43	--	23.03	<50	<0.50	<0.50	<0.50	<0.50	1.3	--	SEQM	7.0	--	--
7/26/2006	P	k	38.46	16.40	--	22.06	<50	<0.50	<0.50	<0.50	<0.50	0.50	--	TAMC	7.05	--	--
1/11/2007	P		38.46	16.06	--	22.40	<50	<0.50	<0.50	<0.50	<0.50	0.91	2.75	TAMC	6.91	--	--
7/23/2007	P		38.46	16.20	--	22.26	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.52	TAMC	7.32	--	--
1/16/2008	P		38.46	15.81	--	22.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.79	TAMC	7.11	--	--
MW-7																	
3/11/1995	--		39.50	16.21	--	23.29	1,400	14	<1.0	14	27	--	1.8	ATI	--	--	--
6/6/1995	--	e	39.50	16.34	--	23.16	540	5.5	<0.50	15	1.1	--	--	ATI	--	--	--
9/1/1995	--		39.50	16.74	--	22.76	190	2.8	<0.50	5	<1.0	10	7.5	ATI	--	--	--
11/29/1995			39.50	17.33	--	22.17	230	31	<0.50	3.8	1.9	<5.0	4.6	ATI	--	--	--
3/23/1996	--	c	--	--	--	--	60	7.6	<1	<1	<1	360	--	SPL	--	--	--
3/23/1996	--		39.50	15.86	--	23.64	<50	5	<1	<1	<1	330	7.2	SPL	--	--	--
9/5/1996	--		39.50	16.80	--	22.70	200	<0.5	<1.0	<1.0	<1.0	430	3.1	SPL	--	--	--
3/11/1997	--		39.50	18.32	--	21.18	120	<0.5	<1.0	<1.0	<1.0	140	4.7	SPL	--	--	--
12/8/1997	--		39.50	16.02	--	23.48	240	0.8	<1.0	<1.0	<1.0	200	5.2	SPL	--	--	--
7/8/1998	--		39.50	16.32	--	23.18	270	<0.5	<1.0	<1.0	<1.0	170	4.8	SPL	--	--	--
12/7/1998	--		39.50	16.43	--	23.07	100	<0.5	<1.0	<1.0	<1.0	120	--	SPL	--	--	--
1/19/1999	--		39.50	16.41	--	23.09	80	<1.0	<1.0	<1.0	<1.0	80	--	SPL	--	--	--
4/23/1999	--		39.50	16.21	--	23.29	<50	<1.0	<1.0	<1.0	<1.0	20	--	SPL	--	--	--
7/20/1999			39.50	16.54		22.96	<50	<1.0	<1.0	<1.0	<1.0	24	--	SPL	--	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE						
MW-7 Cont.																		
12/30/1999	--		39.50	16.65	--	22.85	<50	<0.5	<0.5	<0.5	<0.5	12	--	PACE	--	--	--	--
2/29/2000	--		39.50	15.71	--	23.79	<50	<0.5	<0.5	<0.5	<0.5	7	--	PACE	--	--	--	--
4/14/2000	--		39.50	16.25	--	23.25	<50	<0.5	<0.5	<0.5	<0.5	4	--	PACE	--	--	--	--
7/24/2000	--		39.50	16.63	--	22.87	<50	1.1	0.5	<0.5	<0.5	3.1	--	PACE	--	--	--	--
10/30/2000	--		39.50	16.35	--	23.15	<50	<0.5	<0.5	<0.5	1.1	<0.5	--	PACE	--	--	--	--
1/11/2001	--		39.50	16.52	--	22.98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--	--	--	--
5/17/2001	--		39.50	16.58	--	22.92	<50	<0.5	<0.5	<0.5	<1.5	<0.5	--	PACE	--	--	--	--
7/2/2001	--		39.50	16.75	--	22.75	<50	<0.5	<0.5	<0.5	<1.5	0.581	--	PACE	--	--	--	--
11/2/2001	--		39.50	16.89	--	22.61	--	--	--	--	--	--	--	PACE	--	--	--	--
8/6/2002	--		39.50	16.65	--	22.85	--	--	--	--	--	--	--	PACE	--	--	--	--
10/16/2002	--		39.50	16.86	--	22.64	--	--	--	--	--	--	--	--	--	--	--	--
1/13/2003	--		39.50	16.21	--	23.29	--	--	--	--	--	--	--	--	--	--	--	--
5/2/2003	--		39.50	16.37	--	23.13	--	--	--	--	--	--	--	--	--	--	--	--
7/11/2003	--		39.50	16.55	--	22.95	--	--	--	--	--	--	--	--	--	--	--	--
10/01/2003	--		39.50	16.82	--	22.68	--	--	--	--	--	--	--	--	--	--	--	--
02/11/2004	--		39.50	16.40	--	23.10	--	--	--	--	--	--	--	--	--	--	--	--
07/21/2004	--		39.50	16.70	--	22.80	--	--	--	--	--	--	--	--	--	--	--	--
01/20/2005	--		39.50	16.20	--	23.30	--	--	--	--	--	--	--	--	--	--	--	--
07/19/2005	--		39.50	16.47	--	23.03	--	--	--	--	--	--	--	--	--	--	--	--
01/11/2006	--		39.50	16.11	--	23.39	--	--	--	--	--	--	--	--	--	--	--	--
7/26/2006	--		39.50	16.38	--	23.12	--	--	--	--	--	--	--	--	--	--	--	--
1/11/2007	--		39.50	16.55	--	22.95	--	--	--	--	--	--	--	--	--	--	--	--
7/23/2007	--		39.50	16.71	--	22.79	--	--	--	--	--	--	--	--	--	--	--	--
1/16/2008	--		39.50	16.40	--	23.10	--	--	--	--	--	--	--	--	--	--	--	--
QC-2																		
11/4/1992	--	g.j	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
2/24/1994	--	g.j	--	--	--	--	--	--	--	--	--	<5.0	--	PACE	--	--	--	--
5/12/1994	--	g.j	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	--	--	--
9/9/1994	--	g.j	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	--	--	--
11/3/1994	--	g.j	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	--	--	--

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA**

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	Lab	pH	DRO/TPHd (µg/L)	TOG (µg/L)	HVOC (µg/L)
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes						
QC-2 Cont.																	
3/1/1995	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.0	--	PACE	--	--	--	--
6/6/1995	--	g	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	ATI	--	--	--	--
9/1/1995	--	g	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	ATI	--	--	--	--
11/29/1995	--	g	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	ATI	--	--	--	--
3/23/1996	--	g	--	--	--	--	<50	<0.5	<1	<1	<1	<10	SPL	--	--	--	--

ABBREVIATIONS AND SYMBOLS:

ft bgs = Feet below ground surface

ft MSL = Feet above mean sea level

DRO = Diesel range organics

GRO = Gasoline range organics, range C4-C12

TPH-g = Total petroleum hydrocarbons as gasoline

TPH-d = Total petroleum hydrocarbons as diesel

GWE = Groundwater elevation in ft MSL.

MtBE = Methyl tert-butyl ether, historical data expressed as EPA Methods 8260/8020

HVOC = Halogenated volatile organic compounds

TOG = Total oil and grease

DO = Dissolved oxygen

g/L = Micrograms per liter

mg/L = Milligrams per liter

< = Not detected above reported detection limit

--- = Not measured/analyzed/applicable

PACE = Pace, Inc.

ATI = Analytical Technologies, Inc.

SPL = Southern Petroleum Laboratory

SEQ = Sequoia Analytical Laboratory

SEQM = Sequoia Analytical Morgan Hill Laboratory

TAMC = TestAmerica

TOC = Top of casing in ft MSL

DTW = Depth to water in ft bgs

P = Well purged prior to sampling

NP = Well not purged prior to sampling

FOOTNOTES:

(c) Blind duplicate.

(d) A copy of the documentation for this data is included in Appendix C of Alisto report 10-060-07-001.

(e) MTBE peak present. See documentation in Appendix C of Alisto report 10-060-07-001.

(f) Well inaccessible.

(g) Travel blank.

(h) MTBE by 8020/8260.

(i) Gasoline does not include MTBE.

(j) A copy of the documentation for this data is included in Blaine Tech Services report 010517-C-4. The MTBE data for the October 22 and 23, 1992 and November 4, 1992 sampling events have been destroyed.

(k) Sample preserved improperly.

(m) TOC raised by +0.15 ft during well repair on January 9, 2004.

NOTES:

During the second quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP. The data within this table collected prior to June 2002 has not been verified by URS.

TOC elevations surveyed relative to an established benchmark with an elevation of 39.95 ft MSL.

Beginning with the third quarter 2003 sampling event (7/11/03), groundwater samples were analyzed by EPA method 8260B for TPH-g, benzene, toluene, ethylbenzene, xylenes, and fuel oxygenates.

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

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 #11107, 18501 Hesperian Blvd., San Lorenzo, CA**

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-1									
10/01/2003	--	--	--	--	--	--	--	--	--
02/11/2004	--	--	--	--	--	--	--	--	--
07/21/2004	--	--	--	--	--	--	--	--	--
01/20/2005	--	--	--	--	--	--	--	--	--
07/19/2005	--	--	--	--	--	--	--	--	--
01/11/2006	--	--	--	--	--	--	--	--	--
7/26/2006	--	--	--	--	--	--	--	--	--
MW-2									
10/01/2003	--	--	--	--	--	--	--	--	--
02/11/2004	--	--	--	--	--	--	--	--	--
07/21/2004	--	--	--	--	--	--	--	--	--
01/20/2005	--	--	--	--	--	--	--	--	--
07/19/2005	--	--	--	--	--	--	--	--	--
01/11/2006	--	--	--	--	--	--	--	--	--
7/26/2006	--	--	--	--	--	--	--	--	--
MW-3									
10/01/2003	--	--	--	--	--	--	--	--	--
02/11/2004	--	--	--	--	--	--	--	--	--
07/21/2004	--	--	--	--	--	--	--	--	--
01/20/2005	--	--	--	--	--	--	--	--	--
07/19/2005	--	--	--	--	--	--	--	--	--
01/11/2006	--	--	--	--	--	--	--	--	--
7/26/2006	--	--	--	--	--	--	--	--	--
MW-4									
7/20/1999	--	<500	590/480	<10	<5.0	<5.0	<1.0	<1.0	
12/30/1999	--	--	280/410	<5.0	<5.0	<5.0	<1.0	<5.0	
2/29/2000	--	--	870/1200	<20	<20	<20	<1.0	<20	
4/14/2000	--	--	730/800	<10	<10	<10	<1.0	<10	
7/24/2000	--	<50	390/270	<5.0	<5.0	<5.0	<1.0	<1.0	
10/30/2000	--	<50	160/210	<5.0	<5.0	<5.0	<1.0	<5.0	

**Table 2. Summary of Fuel Additives Analytical Data
Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA**

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-4 Cont.									
1/11/2001	--	<10	170/176	<1.0	<1.0	<1.0	<1.0	<1.0	
5/17/2001	--	<10	91/119	<1.0	<1.0	<1.0	<1.0	<1.0	
7/2/2001	--	<10	66/87.6	<1.0	<1.0	<1.0	<1.0	<1.0	
7/11/2003	<100	<20	2.0/2.0	<0.50	<0.50	<0.50	--	--	
10/01/2003	<100	<20	3.1	<0.50	<0.50	<0.50	--	--	
02/11/2004	<100	<20	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
07/21/2004	<100	<20	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	
01/20/2005	<100	<20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	a
07/19/2005	<100	<20	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	
01/11/2006	<300	<20	0.58	<0.50	<0.50	<0.50	<0.50	<0.50	
7/26/2006	<300	<20	<0.50	<0.50	<0.50	0.71	<0.50	<0.50	
1/11/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/16/2008	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5									
7/20/1999	--	<500	490/470	<10	<10	<10	--	--	
12/30/1999	--	--	470/550	<10	<10	<10	--	--	
2/29/2000	--	--	190/280	<5.0	<5.0	<5.0	<5.0	<5.0	
4/14/2000	--	--	200/240	<5.0	<5.0	<5.0	--	--	
7/24/2000	--	<50	630/570	<5.0	<5.0	<5.0	--	--	
10/30/2000	--	<100	260/360	<10	<10	<10	--	--	
1/11/2001	--	110	540/585	<1.0	<1.0	<1.0	<1.0	<1.0	
5/17/2001	--	31	320/419	<1.0	<1.0	<1.0	--	--	
7/2/2001	--	<10	290/264	<1.0	<1.0	<1.0	--	--	
7/11/2003	<100	<20	19/19	<0.50	<0.50	<0.50	--	--	
10/01/2003	<100	<20	17	<0.50	<0.50	<0.50	--	--	
02/11/2004	<100	<20	35	<0.50	<0.50	<0.50	<0.50	<0.50	
07/21/2004	<100	<20	8.3	<0.50	<0.50	<0.50	<0.50	<0.50	
01/20/2005	<100	<20	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	a
07/19/2005	<100	<20	0.76	<0.50	<0.50	<0.50	<0.50	<0.50	
01/11/2006	<300	<20	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	

**Table 2. Summary of Fuel Additives Analytical Data
Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA**

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-5 Cont.									
7/26/2006	<300	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
1/11/2007	<300	<20	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/16/2008	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-6									
7/20/1999	--	<500	1400/1300	<10	<10	<10	--	--	
12/30/1999	--	--	300/360	<5.0	<5.0	<5.0	--	--	
2/29/2000	--	--	240/340	<5.0	<5.0	<5.0	<5.0	<5.0	
4/14/2000	--	--	200/220	<5.0	<5.0	<5.0	--	--	
7/24/2000	--	62	600/540	<5.0	<5.0	<5.0	--	--	
10/30/2000	--	<100	260/380	<10	<10	<10	--	--	
1/11/2001	--	<10	2.4/2.69	<1.0	<1.0	<1.0	--	--	
5/17/2001	--	<10	130/169	<1.0	<1.0	<1.0	--	--	
7/2/2001	--	<10	80/91.4	<1.0	<1.0	<1.0	--	--	
7/11/2003	<100	<20	17/17	<0.50	<0.50	<0.50	--	--	
10/01/2003	<100	<20	3.5	<0.50	<0.50	<0.50	--	--	
02/11/2004	<100	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
07/21/2004	<100	<20	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	
01/20/2005	<100	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	a
07/19/2005	<100	<20	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	
01/11/2006	<300	<20	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
7/26/2006	<300	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
1/11/2007	<300	<20	0.91	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
1/16/2008	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-7									
10/01/2003	--	--	--	--	--	--	--	--	
02/11/2004	--	--	--	--	--	--	--	--	
07/21/2004	--	--	--	--	--	--	--	--	
01/20/2005	--	--	--	--	--	--	--	--	

**Table 2. Summary of Fuel Additives Analytical Data
Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA**

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-7 Cont.									
07/19/2005	--	--	--	--	--	--	--	--	
01/11/2006	--	--	--	--	--	--	--	--	
7/26/2006	--	--	--	--	--	--	--	--	

ABBREVIATIONS AND SYMBOLS:

TBA = tert-Butyl alcohol

MtBE = Methyl tert-butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tert butyl ether

TAME = tert-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

µg/L = Micrograms per liter

< = Not detected at or above the laboratory reporting limit

--- = Not analyzed/applicable

FOOTNOTES:

a = Calibration verification was within method limits but outside contract limits for ethanol.

b = Sample preserved improperly.

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 #11107, 18501 Hesperian Blvd., San Lorenzo, CA**

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
8/6/2002	Northwest	0.004
10/16/2002	West-Northwest	0.003
1/13/2003	Northwest	0.004
5/2/2003	Northwest	0.004
7/11/2003	West-Northwest	0.004
10/1/2003	West-Northwest	0.004
2/11/2004	West-Northwest	0.003
7/21/2004	West-Northwest	0.004
1/20/2005	West-Northwest	0.004
7/19/2005	West-Northwest	0.005
1/11/2006	West-Northwest	0.006
7/26/2006	West	0.006
1/11/2007	West-Northwest	0.004
7/23/2007	West-Northwest	0.004
1/16/2008	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 ENVIRONMENTAL, INC GROUND-WATER SAMPLING DATA PACKAGE
(INCLUDES NON-HAZARDOUS WASTE DATA FORMS, FIELD DATA SHEETS,
LABORATORY REPORT AND CHAIN OF CUSTODY
DOCUMENTATION)**



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

February 7, 2008

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

Re: Groundwater Sampling Data Package, BP Service Station No. 11107, located at
18501 Hesperian Boulevard, San Lorenzo, California

General Information

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

Phone Number: (530) 676-6000

On-Site Supplier Representative: Roberto Heimlick

Sampling Date: January 16, 2008

Arrival: 09:10 *Departure:* 11:15

Weather Conditions: Clear

Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

Variations from Work Scope: None noted

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

Sincerely,

STRATUS ENVIRONMENTAL INC.

Jay R. Johnson, P.G.
Project Manager



Attachments:

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

cc: Mr. Paul Supple, BP/ARCO

BP ALAMEDA PORTFOLIO
WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11107 PURGED BY: RH WELL I.D.: MW-4
 CLIENT NAME: _____ SAMPLED BY: RH SAMPLE I.D.: MW-4
 LOCATION: San Lorenzo - 18501 Hesperian Blvd. QA SAMPLES: _____

DATE PURGED 1/11/08 START (2400hr) 10:49 END (2400hr) 11:03
 DATE SAMPLED 1/14/08 SAMPLE TIME (2400hr) 11:01
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

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

DEPTH TO BOTTOM (feet) = 25.10 CASING VOLUME (gal) = 1.4
 DEPTH TO WATER (feet) = 16.32 CALCULATED PURGE (gal) = 4.4
 WATER COLUMN HEIGHT (feet) = 8.78 ACTUAL PURGE (gal) = 6

FIELD MEASUREMENTS							
DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
<u>1/16/08</u>	<u>10:51</u>	<u>2</u>	<u>70.16</u>	<u>664</u>	<u>7.12</u>	<u>clear</u>	_____
<u>✓</u>	<u>10:52</u>	<u>4</u>	<u>69.80</u>	<u>664</u>	<u>7.16</u>	<u>✓</u>	_____
<u>✓</u>	<u>10:53</u>	<u>6</u>	<u>69.56</u>	<u>664</u>	<u>7.18</u>	<u>✓</u>	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

SAMPLE DEPTH TO WATER: 17.58 SAMPLE INFORMATION SAMPLE TURBIDITY: clear

80% RECHARGE: YES NO ANALYSES: slow
 ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 410AS / HCL

PURGING EQUIPMENT
 Bladder Pump Bailer (Teflon)
 Centrifugal Pump Bailer (PVC)
 Submersible Pump Bailer (Stainless Steel)
 Peristaltic Pump Dedicated _____
 Other: _____
 Pump Depth: 25.00

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

WELL INTEGRITY: GOOD LOCK#: MASTER

REMARKS: DO: 3.38

SIGNATURE: [Signature] Page ____ of ____

BP ALAMEDA PORTFOLIO
WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11107 PURGED BY: RH WELL I.D.: MW-5
 CLIENT NAME: _____ SAMPLED BY: RH SAMPLE I.D.: MW-5
 LOCATION: San Lorenzo - 18501 Hesperian Blvd. QA SAMPLES: _____

DATE PURGED 1/14/08 START (2400hr) 10:30 END (2400hr) 10:42
 DATE SAMPLED 1/16/08 SAMPLE TIME (2400hr) 10:40
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

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

DEPTH TO BOTTOM (feet) = 22.65 CASING VOLUME (gal) = 1.0
 DEPTH TO WATER (feet) = 16.31 CALCULATED PURGE (gal) = 3.2
 WATER COLUMN HEIGHT (feet) = 1.34 ACTUAL PURGE (gal) = 5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
<u>1/16/08</u>	<u>10:32</u>	<u>1.5</u>	<u>69.64</u>	<u>644</u>	<u>7.13</u>	<u>clear</u>	
<u>✓</u>	<u>10:33</u>	<u>3</u>	<u>68.70</u>	<u>651</u>	<u>7.12</u>	<u>✓</u>	
	<u>10:34</u>	<u>5</u>	<u>68.13</u>	<u>672</u>	<u>7.11</u>		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 17.06 SAMPLE TURBIDITY: clear

80% RECHARGE: YES NO ANALYSES: SWO
 ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 4 VOLS / HCL

PURGING EQUIPMENT

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

Other: _____
 Pump Depth: 22.50

SAMPLING EQUIPMENT

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

Other: _____

WELL INTEGRITY: GOOD LOCK#: MASTER

REMARKS: DO = 2.91

SIGNATURE: [Signature]

BP ALAMEDA PORTFOLIO
WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11107 PURGED BY: RH WELL I.D.: MW-6
 CLIENT NAME: _____ SAMPLED BY: RH SAMPLE I.D.: MW-6
 LOCATION: San Lorenzo - 18501 Hesperian Blvd. QA SAMPLES: _____

DATE PURGED 1/16/08 START (2400hr) 10:10 END (2400hr) 10:22
 DATE SAMPLED 1/16/08 SAMPLE TIME (2400hr) 10:20
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

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

DEPTH TO BOTTOM (feet) = 24.80 CASING VOLUME (gal) = 1.5
 DEPTH TO WATER (feet) = 15.81 CALCULATED PURGE (gal) = 4.5
 WATER COLUMN HEIGHT (feet) = 8.99 ACTUAL PURGE (gal) = 5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
<u>1/16/08</u>	<u>10:12</u>	<u>1.5</u>	<u>66.29</u>	<u>641</u>	<u>7.17</u>	<u>clear</u>	
<u>↓</u>	<u>10:13</u>	<u>3</u>	<u>67.21</u>	<u>649</u>	<u>7.15</u>	<u>↓</u>	
<u>↓</u>	<u>10:14</u>	<u>5</u>	<u>68.70</u>	<u>655</u>	<u>7.11</u>		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 16.52 SAMPLE TURBIDITY: clear

80% RECHARGE: YES _____ NO _____ ANALYSES: S W O
 ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 8 VOAS / HCL

PURGING EQUIPMENT

Bladder Pump _____ Bailer (Teflon) _____
 Centrifugal Pump _____ Bailer (PVC) _____
 Submersible Pump _____ Bailer (Stainless Steel) _____
 Peristaltic Pump _____ Dedicated _____
 Other: _____
 Pump Depth: 24.50

SAMPLING EQUIPMENT

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

WELL INTEGRITY: GOOD LOCK#: MASTER

REMARKS: pe = 2.79

SIGNATURE: [Signature] Page _____ of _____

NO. 662545

NON-HAZARDOUS WASTE DATA FORM

SITE:

EPA I.D. NO.

NO. REQUIRED

NAME BP WEST COAST PRODUCTS LLC ARCO # 11107

PROFILE NO.

ADDRESS P.O. BOX 80249

RANCHO SANTA MARGARITA

CITY, STATE, ZIP CA 92688

PHONE NO. _____

CONTAINERS: No. _____ VOLUME 16 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: 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
TYPED OR PRINTED FULL NAME & SIGNATURE

1/16/08
DATE

TRANSPORTER

Transporter #1 NAME STRATUS ENVIRONMENTAL

Transporter #2

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. _____

ROBERTO HELMICH
TYPED OR PRINTED FULL NAME & SIGNATURE

1/16/08
DATE

TSD FACILITY

NAME INSTRAT, INC

EPA I.D. NO.

DISPOSAL METHOD

ADDRESS 1105 AIRPORT RD #C

LANDFILL OTHER _____

CITY, STATE, ZIP RIO VISTA, CA 94571

PHONE NO. 530-753-1829

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/D		RT/CO	H/WDF	NONE

DISCREPANCY

TO BE COMPLETED BY GENERATOR



A BP affiliated company

Chain of Custody Record

Project Name: ARCO 11107
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda > 11107
 State or Lead Regulatory Agency: _____
 Requested Due Date (mm/dd/yy): _____

On-site Time: <u>9:10</u>	Temp: <u>59</u>
Off-site Time: <u>11:15</u>	Temp: <u>58</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>NA</u>	
Wind Speed: <u>0</u>	Direction: <u>NA</u>

Lab Name: <u>TestAmerica</u>	BP/AR Facility No.: <u>11107</u>	Consultant/Contractor: <u>Stratus Environmental, Inc.</u>
Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>18501 Hesperian, San Lorenzo</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
<u>Morgan Hill, CA 95937</u>	Site Lat/Long:	<u>Cameron Park, CA 95682</u>
Lab PM: <u>Lisa Racc</u>	California Global ID No.: <u>T0600101665</u>	Consultant/Contractor Project No.:
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G07TC-0023</u>	Consultant/Contractor PM: <u>Jay Johnson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or OOC (circle one) <u>Provision</u>	Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>
Address: <u>2010 Crow Canyon Place, Suite 150</u>	Phase/WBS: <u>04-Monitoring</u>	Report Type & QC Level: <u>Level I with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>ciewitt@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments			
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	ORO/BTEX/Oxy*	1,2-DCA	Ethanol	EDB	DRO				
1	MW-4	11:01	11/16/08	X				4				X										
2	MW-5	10:40						4				X										
3	MW-6	10:20						8				X										
4	TB 7:00/11/16/08	7:00						4				X										
5																						
6																						
7																						
8																						
9																						
10																						

*Oxy = MTBE, TAME, ETBE, DIPE, TBA

Sampler's Name: <u>ROBERTO NEIRALICH</u>	Retinquished By / Affiliation: <u>Roberto Neirlich</u>	Date: <u>11/16/08</u>	Time: <u>17:45</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>1-16</u>	Time: <u>17:45</u>
Sampler's Company: <u>DOLLORE ENV.</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No.:						

Special Instructions: Please cc results to miller@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

1 February, 2008

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

RE: BP Heritage #11107, San Lorenzo, CA
Work Order: MRA0719

Enclosed are the results of analyses for samples received by the laboratory on 01/17/08 19:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Race
Senior Project Manager

CA ELAP Certificate # 2682

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

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: BP Heritage #11107, San Lorenzo, CA Project Number: G07TC-0023 Project Manager: Jay Johnson	MRA0719 Reported: 02/01/08 11:42
---	--	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	MRA0719-01	Water	01/16/08 11:01	01/17/08 19:15
MW-5	MRA0719-02	Water	01/16/08 10:40	01/17/08 19:15
MW-6	MRA0719-03	Water	01/16/08 10:20	01/17/08 19:15
TB/7:00/1/16/08	MRA0719-04	Water	01/16/08 07:00	01/17/08 19:15

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies. These samples were received with no custody seals.

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

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0023
Project Manager: Jay Johnson

MRA0719
Reported:
02/01/08 11:42

Volatiles Organic Compounds by 8260B/LUFT GC/MS
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

MW-4 (MRA0719-01) Water Sampled: 01/16/08 11:01 Received: 01/17/08 19:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8A22031	01/22/08	01/23/08	EPA 8260B/LUFT GC/MS	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	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		104 %	75-130		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		108 %	60-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96 %	55-130		"	"	"	"	

MW-5 (MRA0719-02) Water Sampled: 01/16/08 10:40 Received: 01/17/08 19:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8A22031	01/22/08	01/23/08	EPA 8260B/LUFT GC/MS	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	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		102 %	75-130		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		108 %	60-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	55-130		"	"	"	"	

TestAmerica Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0023
Project Manager: Jay Johnson

MRA0719
Reported:
02/01/08 11:42

Volatiles Organic Compounds by 8260B/LUFT GC/MS

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW-6 (MRA0719-03) Water Sampled: 01/16/08 10:20 Received: 01/17/08 19:15

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8A22031	01/22/08	01/23/08	EPA 8260B/LUFT GC/MS	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		98 %		75-130	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98 %		60-150	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		75-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89 %		55-130	"	"	"	"	

TB/7:00/1/16/08 (MRA0719-04) Water Sampled: 01/16/08 07:00 Received: 01/17/08 19:15

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8A22031	01/22/08	01/23/08	EPA 8260B/LUFT GC/MS	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		100 %		75-130	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94 %		60-150	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		75-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91 %		55-130	"	"	"	"	

TestAmerica Morgan Hill

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

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0023
Project Manager: Jay Johnson

MRA0719
Reported:
02/01/08 11:42

Volatiles Organic Compounds by 8260B/LUFT GC/MS - Quality Control
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A22031 - EPA 5030B P/T / EPA 8260B/LUFT GC/MS

Blank (8A22031-BLK1)

Prepared: 01/22/08 Analyzed: 01/23/08

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
tert-Amyl methyl ether	ND	0.50	"							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	2.44		"	2.50		98	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.39		"	2.50		96	60-150			
<i>Surrogate: Toluene-d8</i>	2.61		"	2.50		104	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.34		"	2.50		94	55-130			

Laboratory Control Sample (8A22031-BS1)

Prepared: 01/22/08 Analyzed: 01/23/08

tert-Amyl methyl ether	8.96	0.50	ug/l	10.0		90	75-125			
Benzene	9.36	0.50	"	10.0		94	75-120			
tert-Butyl alcohol	174	20	"	200		87	80-120			
Di-isopropyl ether	8.42	0.50	"	10.0		84	70-130			
1,2-Dichloroethane	8.81	0.50	"	10.0		88	65-130			
Ethanol	161	300	"	200		80	50-150			
Ethyl tert-butyl ether	8.93	0.50	"	10.0		89	75-130			
Ethylbenzene	9.60	0.50	"	10.0		96	80-125			
Methyl tert-butyl ether	8.97	0.50	"	10.0		90	80-130			
Toluene	9.85	0.50	"	10.0		98	80-120			
Xylenes (total)	29.4	0.50	"	30.0		98	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.40		"	2.50		96	60-150			
<i>Surrogate: Toluene-d8</i>	2.64		"	2.50		106	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.46		"	2.50		98	55-130			

TestAmerica Morgan Hill

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

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0023
Project Manager: Jay Johnson

MRA0719
Reported:
02/01/08 11:42

Volatiles Organic Compounds by 8260B/LUFT GC/MS - Quality Control
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A22031 - EPA 5030B P/T / EPA 8260B/LUFT GC/MS

Laboratory Control Sample (8A22031-BS2)

Prepared: 01/22/08 Analyzed: 01/23/08

Gasoline Range Organics (C4-C12)	410	50	ug/l	500		82	55-130			
Surrogate: Dibromofluoromethane	2.43		"	2.50		97	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.41		"	2.50		96	60-150			
Surrogate: Toluene-d8	2.72		"	2.50		109	75-120			
Surrogate: 4-Bromofluorobenzene	2.46		"	2.50		98	55-130			

Laboratory Control Sample Dup (8A22031-BSD2)

Prepared: 01/22/08 Analyzed: 01/23/08

Gasoline Range Organics (C4-C12)	408	50	ug/l	500		82	55-130	0.5	20	
Surrogate: Dibromofluoromethane	2.34		"	2.50		94	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.34		"	2.50		94	60-150			
Surrogate: Toluene-d8	2.69		"	2.50		108	75-120			
Surrogate: 4-Bromofluorobenzene	2.45		"	2.50		98	55-130			

Matrix Spike (8A22031-MS1)

Source: MRA0719-03

Prepared: 01/22/08 Analyzed: 01/23/08

Gasoline Range Organics (C4-C12)	648	50	ug/l	550	ND	118	25-150			
tert-Amyl methyl ether	11.6	0.50	"	10.0	ND	116	75-140			
Benzene	12.0	0.50	"	10.0	ND	120	80-120			
tert-Butyl alcohol	232	20	"	200	ND	116	80-125			
Di-isopropyl ether	11.6	0.50	"	10.0	ND	116	75-135			
1,2-Dichloroethane	12.0	0.50	"	10.0	ND	120	65-145			
Ethanol	214	300	"	200	ND	107	50-150			
Ethyl tert-butyl ether	11.8	0.50	"	10.0	ND	118	80-135			
Ethylbenzene	12.0	0.50	"	10.0	ND	120	75-130			
Methyl tert-butyl ether	12.6	0.50	"	10.0	0.470	122	75-145			
Toluene	12.5	0.50	"	10.0	ND	125	80-125			
Xylenes (total)	36.4	0.50	"	30.0	ND	121	75-125			
Surrogate: Dibromofluoromethane	2.51		"	2.50		100	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.46		"	2.50		98	60-150			
Surrogate: Toluene-d8	2.62		"	2.50		105	75-120			
Surrogate: 4-Bromofluorobenzene	2.47		"	2.50		99	55-130			

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

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0023
Project Manager: Jay Johnson

MRA0719
Reported:
02/01/08 11:42

Volatiles Organic Compounds by 8260B/LUFT GC/MS - Quality Control
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A22031 - EPA 5030B P/T / EPA 8260B/LUFT GC/MS

Matrix Spike Dup (8A22031-MSD1)	Source: MRA0719-03			Prepared: 01/22/08		Analyzed: 01/23/08				
Gasoline Range Organics (C4-C12)	600	50	ug/l	550	ND	109	25-150	8	20	
tert-Amyl methyl ether	10.4	0.50	"	10.0	ND	104	75-140	11	25	
Benzene	11.0	0.50	"	10.0	ND	110	80-120	8	20	
tert-Butyl alcohol	211	20	"	200	ND	105	80-125	10	25	
Di-isopropyl ether	10.4	0.50	"	10.0	ND	104	75-135	11	25	
1,2-Dichloroethane	10.8	0.50	"	10.0	ND	108	65-145	11	25	
Ethanol	207	300	"	200	ND	103	50-150	3	25	
Ethyl tert-butyl ether	10.7	0.50	"	10.0	ND	107	80-135	10	25	
Ethylbenzene	11.1	0.50	"	10.0	ND	111	75-130	8	20	
Methyl tert-butyl ether	11.3	0.50	"	10.0	0.470	108	75-145	11	25	
Toluene	11.4	0.50	"	10.0	ND	114	80-125	10	25	
Xylenes (total)	34.2	0.50	"	30.0	ND	114	75-125	6	20	
Surrogate: Dibromofluoromethane	2.57		"	2.50		103	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.48		"	2.50		99	60-150			
Surrogate: Toluene-d8	2.60		"	2.50		104	75-120			
Surrogate: 4-Bromofluorobenzene	2.53		"	2.50		101	55-130			

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

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0023
Project Manager: Jay Johnson

MRA0719
Reported:
02/01/08 11:42

Notes and Definitions

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

Atlantic Richfield Company

bp A BP affiliated company

Chain of Custody Record

Project Name: ARCO 11107
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda > 11107
 State or Lead Regulatory Agency: _____
 Requested Due Date (mm/dd/yy): _____

Page 1 of 1

On-site Time:	<u>9:10</u>	Temp:	<u>58</u>
Off-site Time:	<u>11:15</u>	Temp:	<u>58</u>
Sky Conditions:	<u>clear</u>		
Metereological Events:	<u>NA</u>		
Wind Speed:	<u>0</u>	Direction:	<u>NA</u>

Lab Name: <u>TestAmerica</u>	BP/AR Facility No.: <u>11107</u>	Consultant/Contractor: <u>Seratus Environmental, Inc.</u>
Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>18501 Hesperian, San Lorenzo</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
<u>Morgan Hill, CA 95937</u>	Site Lat/Long:	<u>Cameron Park, CA 95682</u>
Lab PM: <u>Lisa Race</u>	California Global ID No.: <u>T0600101665</u>	Consultant/Contractor Project No.:
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G07TC-0023</u>	Consultant/Contractor PM: <u>Jay Johnson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or OOC (circle one) <u>Provision</u>	Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>
Address: <u>2010 Crow Canyon Place, Suite 150</u>	Phase/WBS: <u>04-Monitoring</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>cljewell@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis				Sample Point Lat/Long and Comments		
				Solid	Wet/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GROBTEX/Oxy*	1,2-DCA	Ethanol	EDB		DRO	
1	MW-4	11:30	11/14/08	X			-01	4					X	X	X					
2	MW-5	10:40					-02	4					X	X	X					
3	MW-6	10:20					-03	8					X	X	X					
4	TB 11:00/11/14/08	7:00					-04	4					X	X	X					
5																				
6																				
7																				
8																				
9																				
10																				

Sampler's Name: <u>ROBERTO NEMLICH</u>	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: <u>DOULOS ENV.</u>	<u>Roberto Nemlich</u>		<u>11/14</u>	<u>17:45</u>	<u>[Signature]</u>	<u>11/14</u>	<u>17:45</u>
Shipment Date:	<u>11/14/08</u>		<u>11/17</u>	<u>18:00</u>	<u>[Signature]</u>	<u>11/17</u>	<u>18:00</u>
Shipment Method:	<u>TRUCK</u>		<u>11/17</u>	<u>19:15</u>	<u>[Signature]</u>	<u>11/17</u>	<u>19:15</u>
Shipment Tracking No:	<u>1117</u>						
Special Instructions:	<u>Please cc results to rmllich@broadbentinc.com</u>						

Custody Seals in Place: Yes / No 1 | Temp Blank: Yes / No 1 | Cooler Temp on Receipt: 20 °F/C | Trip Blank: Yes / No 1 | MS/MSD Sample Submitted: Yes / No 1

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ADCO 1117
REC. BY (PRINT): DV
WORKORDER: MR 2719

DATE REC'D AT LAB: 1/7/08
TIME REC'D AT LAB: 1:15
DATE LOGGED IN: 1/19/08

For Regulatory Purpose?
 DRINKING WATER
 WASTE WATER
 OTHER

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 / Stub Present / Absent								
5. Airbill #:								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: <u>3.0</u> Correction Factor: <u>-1.0</u> Corrected Temp: <u>2.0</u> Is corrected temp. 0-6°C? <u>Yes</u> / No**								

!!
 1117108
 DV

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

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

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 9913361966

Date/Time of Submittal: 4/8/2008 8:23:21 AM

Facility Global ID: T0600101665

Facility Name: BP #11107

Submittal Title: 1Q08 GW Monitoring

Submittal Type: GW Monitoring Report

[Click here](#) to view the detections report for this upload.

BP #11107 18501 HESPERIAN SAN LORENZO, CA 94580	Regional Board - Case #: 01-1797 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: RO0000489 ALAMEDA COUNTY LOP - (PK)
--	---

<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
9913361966	1Q08 GW Monitoring	Q1 2008
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	4/8/2008	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	0
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FAB
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES EDB TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% n/a

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% n/a

SURROGATE SPIKES % RECOVERY BETWEEN 70-125% n/a

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

UPLOADING A GEO_WELL FILE

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

<u>Submittal Title:</u>	1Q08 GEO_WELL 11107
<u>Facility Global ID:</u>	T0600101665
<u>Facility Name:</u>	BP #11107
<u>Submittal Date/Time:</u>	4/8/2008 8:24:45 AM
<u>Confirmation Number:</u>	2050520956

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