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Atlantic Richfield Company
(a BP affiliated company)

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



October 15, 2006

Re: Third Quarter, 2006 Semi-Annual Groundwater Monitoring Report
Former BP Service Station # 11107
18501 Hesperian Boulevard
San Lorenzo, California
ACEH Case RO0000489

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

Submitted by:

Paul Supple
Environmental Business Manger



A BP affiliated company

**Third Quarter, 2006 Semi-Annual
Groundwater 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
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October 2006

Project No. 06-02-645

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
Chico, CA 95926
Voice (530) 566-1400
Fax (530) 566-1401



October 15, 2006

Project No. 06-02-645

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

Attn.: Mr. Paul Supple

Re: Third Quarter, 2006 Semi-Annual Groundwater Monitoring Report, Former BP Station #11107, 18501 Hesperian Boulevard, San Lorenzo, California. ACEH Case No. RO0000489.

Dear Mr. Supple:

Attached is the *Third Quarter, 2006 Semi-Annual Groundwater Monitoring Report* for the Former BP Station #11107 (herein referred to as Station #11107) located at 18501 Hesperian Boulevard, San Lorenzo, California (Property).

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

Sincerely,

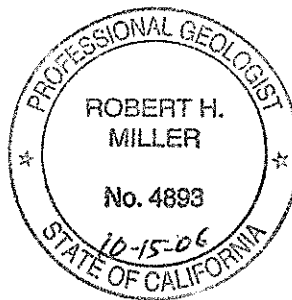
BROADBENT & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'Matthew G. Herrick'.

Matthew G. Herrick, P.G.
Project Hydrogeologist

A handwritten signature in black ink, appearing to read 'Robert H. Miller'.

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



Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA, 94502 (Submitted via ACEH ftp Site)
Ms. Shelby Lathrop, ConocoPhillips (Submitted via WebXtender)
Mr. Abdul Noor Mayar, 18501 Hesperian Blvd, San Lorenzo, CA 94580

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/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 (Third Quarter, 2006):

1. Submitted Second Quarter, 2006 Status Report.
2. Conducted ground-water monitoring/sampling for Third Quarter, 2006 (work performed by URS).

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter, 2006):

1. Submit Third Quarter, 2006 Semi-Annual Groundwater Monitoring Report (contained herein).
2. No environmental field work is scheduled to be completed during the Fourth Quarter, 2006.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	<u>Monitoring</u>	(Assmnt., remed., etc.)
Frequency of ground-water sampling:	<u>MW-4, MW-5, and MW-6 = Semi-Annual (1Q and 3Q)</u>	(Quarterly, annually, etc.)
Frequency of ground-water monitoring:	<u>MW-1 through MW-7 = Semi-annual (1Q and 3Q)</u>	(Monthly, etc.)
Is free product (FP) present on-site:	<u>No</u>	(Yes\ no) (SVET, AS, FP removal, etc.)
Current remediation techniques:	<u>NA</u>	
Depth to ground water (below TOC):	<u>16.38 (MW-7) to 17.79 (MW-1)</u>	(Measure feet below TOC)
General ground-water flow direction:	<u>West</u>	(North, northwest, etc.)
Approximate hydraulic gradient:	<u>0.006</u>	(Feet per foot)

DISCUSSION:

During Third Quarter, 2006 monitor wells MW-4, MW-5, and MW-6 were below laboratory detection limits for gasoline range organics (GRO) and benzene, toluene, ethyl-benzene, and total xylenes (BTEX) analytes. Methyl tert-butyl ether (MTBE) was detected in MW-5 and MW-6 at 1.6 µg/L and 0.50 µg/L, respectively. Tert-Amyl methyl ether (TAME) was detected in MW-4 at 0.71 µg/L. No other fuel additives were detected in wells sampled during the Third Quarter, 2006.

Drawing 1 depicts a ground-water elevation contour and an analytical summary map for the Third Quarter, 2006. 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.

CLOSURE:

The findings presented in this report are based upon: observations of URS field personnel (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.

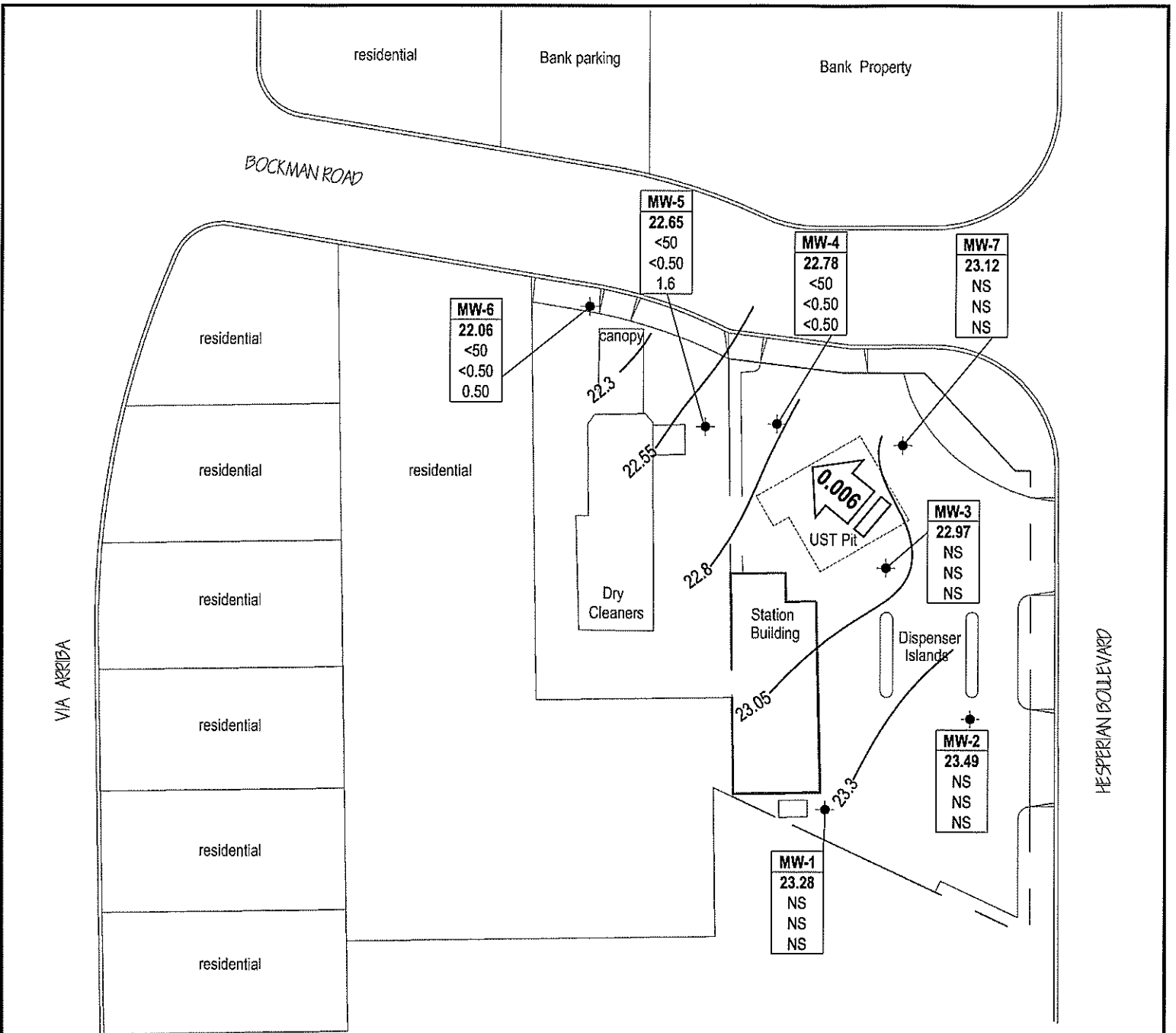
ATTACHMENTS:

- 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. URS Groundwater Sampling Data Package (Includes Laboratory Report and Chain of Custody Documentation, Field and Laboratory Procedures, and Field Data Sheets)

- Appendix B. GeoTracker Upload Confirmation



VIA ARRIDA

HESPERIAN BOULEVARD

BOCKMAN ROAD

residential

Bank parking

Bank Property

residential

residential

residential

residential

residential

residential

residential

canopy

Dry Cleaners

Station Building

Dispenser Islands

0.006

UST Pit

MW-5
22.65
<50
<0.50
1.6

MW-4
22.78
<50
<0.50
<0.50

MW-7
23.12
NS
NS
NS

MW-6
22.06
<50
<0.50
0.50

MW-3
22.97
NS
NS
NS

MW-2
23.49
NS
NS
NS

MW-1
23.28
NS
NS
NS

LEGEND

- ◆ Monitoring well location
- WELL** Well designation
- ELEV** Groundwater elevation
- GRO** GRO, Benzene and MTBE concentrations in micrograms per liter (µg/L)
- Benzene**
- MTBE**
- < Not detected at or above laboratory reporting limits
- NS Not sampled
- ←0.006 Approximate groundwater flow direction and gradient (feet/foot)
- 22.55 Groundwater elevation contour line (ft/MSL)

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

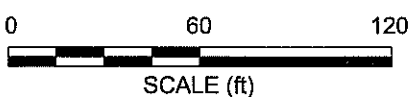
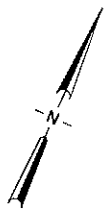


Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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	--	c, j	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	--	--
11/4/1992	--	j	41.07	20.78	--	20.29	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	<50	<5000	--
2/24/1994	--	j	41.07	20.7	--	20.37	<50	<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	<5.0	7.0	--	PACE	--	<50	<5000	--
9/9/1994	--	j	41.07	21.74	--	19.33	<50	<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	<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	--	24.1	<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	16.3	--	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	17.8	--	23.27	--	--	--	--	--	--	--	--	--	--	--	--
1/19/1999	--		41.07	17.18	--	23.89	--	--	--	--	--	--	--	--	--	--	--	--
4/23/1999	--		41.07	17.4	--	23.67	--	--	--	--	--	--	--	--	--	--	--	--
7/20/1999	--		41.07	17.76	--	23.31	--	--	--	--	--	--	--	--	--	--	--	--
2/29/2000	--		41.07	17.17	--	23.9	--	--	--	--	--	--	--	--	--	--	--	--
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	MtBE						
MW-1 Cont.																		
7/11/2003	--		41.07	17.8	--	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	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																		
11/4/1992	--	j	40.56	20.16	--	20.4	<50	<0.5	<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	--	21.2	<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	--	23.6	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--

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-2 Cont.																		
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	17.2	--	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	--	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	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--
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	--	--	--	--

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.																		
3/11/1997	--		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	16.4	--	24.05	--	--	--	--	--	--	--	--	--	--	--	--
12/7/1998	--		40.45	17.32	--	23.13	--	--	--	--	--	--	--	--	--	--	--	--
1/19/1999	--		40.45	17.3	--	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	17.6	--	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	--	--	--	--	--	--	--	--	--	--	--	--
7/2/2001	--		40.45	17.7	--	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	--	23.5	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--
MW-4																		
11/4/1992	--	(j)	39.24	19.18	--	20.06	900	150	4.1	0.8	53	--	--	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-4 Cont.																		
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	--	j	39.24	20.27	--	18.97	240	9.1	1.3	0.6	2.5	397	2.2	PACE	--	--	--	--
9/9/1994	--	c, j	--	--	--	--	57	1.7	<0.5	<0.5	0.5	83	--	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	--	c	--	--	--	--	3,000	530	27	170	92	--	--	ATI	--	--	--	--
6/6/1995	--	e	39.24	16.28	--	22.96	3,100	530	25	170	85	--	--	ATI	--	--	--	--
9/1/1995	--	f	39.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/1995	--	c	--	--	--	--	<50	1.5	<0.50	<0.50	<1.0	490	--	ATI	--	--	--	--
11/29/1995	--		39.24	17.31	--	21.93	<50	1.8	<0.50	<0.50	<1.0	440	3.2	ATI	--	--	--	--
3/23/1996	--		39.24	15.74	--	23.5	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	16.1	--	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	--	--	--	--
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	16.4	--	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	16.5	--	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	--	--	--	--

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-4 Cont.																	
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	16.4	--	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	16.8	--	22.44	56	<0.5	<0.5	<0.5	<1.5	49.6	--	PACE	--	--	--
8/6/2002	--		39.24	16.6	--	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	16.5	--	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	--	--	TAMC	6.93	--	--
MW-5																	
6/6/1995	--	(e)	39.07	16.16	--	22.91	1,100	42	<2.5	15	4	--	--	ATI	--	--	--
9/1/1995	--		39.07	16.63	--	22.44	1,600	55	<2.5	15	8	1,200	7.4	ATI	--	--	--
9/1/1995	--	c	--	--	--	--	1,200	64	<2.5	14	3.1	--	--	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	--	c	--	--	--	--	2,000	4.9	<1.0	<1.0	<1.0	2,900	--	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	--	--	--
3/11/1997	--		39.07	16.12	--	22.95	470	<5.0	<5.0	<5.0	<5.0	580	3.0	SPL	--	--	--
3/11/1997	--	c	--	--	--	--	460	<5.0	<5.0	<5.0	<5.0	540	--	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	--	22.8	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	--	--	--

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-5 Cont.																	
4/23/1999	--	h	39.07	16	--	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	16.1	--	22.97	81	<0.5	<0.5	<0.5	<0.5	200/240	--	PACE	--	--	--
7/24/2000	--		39.07	16.5	--	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	--	22.5	<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	--	22.8	<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	--	--
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	--	--
MW-6																	
3/1/1995	--		38.46	15.66	--	22.8	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	16.8	--	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	16.3	--	22.16	4,400	<0.5	<1.0	<1.0	<1.0	7,400	3.0	SPL	--	--	--

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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-6 Cont.																		
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	--	h	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	--	22.3	<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	--	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	--	--	--	--
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	--	22.8	<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	--	--	--
MW-7																		
3/1/1995	--		39.5	16.21	--	23.29	1,400	14	<1.0	14	27	--	1.8	ATI	--	--	--	--

Table I. 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.																		
6/6/1995	--	e	39.5	16.34	--	23.16	540	5.5	<0.50	15	1.1	--	--	ATI	--	--	--	
9/1/1995	--		39.5	16.74	--	22.76	190	2.8	<0.50	5	<1.0	10	7.5	ATI	--	--	--	
11/29/1995	--		39.5	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	--		39.5	15.86	--	23.64	<50	5	<1	<1	<1	330	7.2	SPL	--	--	--	
9/5/1996	--		39.5	16.8	--	22.7	200	<0.5	<1.0	<1.0	<1.0	430	3.1	SPL	--	--	--	
3/11/1997	--		39.5	18.32	--	21.18	120	<0.5	<1.0	<1.0	<1.0	140	4.7	SPL	--	--	--	
12/8/1997	--		39.5	16.02	--	23.48	240	0.8	<1.0	<1.0	<1.0	200	5.2	SPL	--	--	--	
7/8/1998	--		39.5	16.32	--	23.18	270	<0.5	<1.0	<1.0	<1.0	170	4.8	SPL	--	--	--	
12/7/1998	--		39.5	16.43	--	23.07	100	<0.5	<1.0	<1.0	<1.0	120	--	SPL	--	--	--	
1/19/1999	--		39.5	16.41	--	23.09	80	<1.0	<1.0	<1.0	<1.0	80	--	SPL	--	--	--	
4/23/1999	--		39.5	16.21	--	23.29	<50	<1.0	<1.0	<1.0	<1.0	20	--	SPL	--	--	--	
7/20/1999	--		39.5	16.54	--	22.96	<50	<1.0	<1.0	<1.0	<1.0	24	--	SPL	--	--	--	
12/30/1999	--		39.5	16.65	--	22.85	<50	<0.5	<0.5	<0.5	<0.5	12	--	PACE	--	--	--	
2/29/2000	--		39.5	15.71	--	23.79	<50	<0.5	<0.5	<0.5	<0.5	7	--	PACE	--	--	--	
4/14/2000	--		39.5	16.25	--	23.25	<50	<0.5	<0.5	<0.5	<0.5	4	--	PACE	--	--	--	
7/24/2000	--		39.5	16.63	--	22.87	<50	1.1	0.5	<0.5	<0.5	3.1	--	PACE	--	--	--	
10/30/2000	--		39.5	16.35	--	23.15	<50	<0.5	<0.5	<0.5	1.1	<0.5	--	PACE	--	--	--	
1/11/2001	--		39.5	16.52	--	22.98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--	--	--	
5/17/2001	--		39.5	16.58	--	22.92	<50	<0.5	<0.5	<0.5	<1.5	<0.5	--	PACE	--	--	--	
7/2/2001	--		39.5	16.75	--	22.75	<50	<0.5	<0.5	<0.5	<1.5	0.581	--	PACE	--	--	--	
11/2/2001	--		39.5	16.89	--	22.61	--	--	--	--	--	--	--	PACE	--	--	--	
8/6/2002	--		39.5	16.65	--	22.85	--	--	--	--	--	--	--	PACE	--	--	--	
10/16/2002	--		39.5	16.86	--	22.64	--	--	--	--	--	--	--	--	--	--	--	
1/13/2003	--		39.5	16.21	--	23.29	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--		39.5	16.37	--	23.13	--	--	--	--	--	--	--	--	--	--	--	
7/11/2003	--		39.5	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	--	--	--	--	--	--	--	--	--	--	--	

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.																		
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	--	--	--	--	--	--	--	--	--	--	--	
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	--	--	--	--
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	
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	
7/26/2006	<300	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-6									

**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-6 Cont.									
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
MW-7									
10/01/2003	--	--	--	--	--	--	--	--	
02/11/2004	--	--	--	--	--	--	--	--	
07/21/2004	--	--	--	--	--	--	--	--	
01/20/2005	--	--	--	--	--	--	--	--	
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.

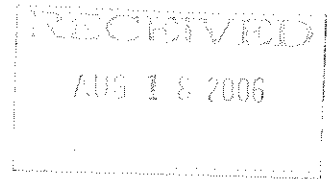
Table 3. Historical Ground-Water Flow Direction and Gradient
Station #11107, 18501 Hesperian Blvd., San Lorenzo, CA

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

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

URS GROUNDWATER SAMPLING DATA PACKAGE (INCLUDES LABORATORY
REPORT AND CHAIN OF CUSTODY DOCUMENTATION, FIELD AND
LABORATORY PROCEDURES, AND FIELD DATA SHEETS)



August 11, 2006

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

Groundwater Sampling Data Package
Former BP Service Station #11107
18501 Hesperian Boulevard
San Lorenzo, CA
Field Work Performed: 07/26/06

General Information

Data Submittal Prepared/Reviewed by: Alok Kolekar

Phone Number: 510-874-3152

On-Site Supplier Representative: Blaine Tech

Scope of Work Performed: Groundwater Monitoring in accordance with 3rd Quarter 2006 protocols as identified in the Quarterly Monitoring Program Table in the Field and Laboratory Procedures Attachment.

Variations from Work Scope: None

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include, at a minimum, sampling procedures, field data collected, laboratory results, chain of custody documentation, and waste management activities. 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.

Alok D. Kolekar, P.E.
Project Manager



cc: Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS



Attachments

Field and Laboratory Procedures

Laboratory Report

Chain of Custody Documentation

Field Data Sheets

 Well Gauging Data

 Well Monitoring Data Sheets

FIELD & LABORATORY PROCEDURES

Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe. Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

Laboratory Procedures

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by RM have been reviewed and verified by that laboratory.

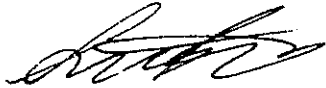
10 August, 2006

Alok Kolekar
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland, CA 94612

RE: BP Heritage #11107, San Lorenzo, CA
Work Order: MPG1175

Enclosed are the results of analyses for samples received by the laboratory on 07/27/06 17:40. 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.

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0018
Project Manager: Alok Kolekar

MPG1175
Reported:
08/10/06 10:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	MPG1175-01	Water	07/26/06 15:15	07/27/06 17:40
MW-5	MPG1175-02	Water	07/26/06 16:00	07/27/06 17:40
MW-6	MPG1175-03	Water	07/26/06 15:35	07/27/06 17:40
TB-11107-072606	MPG1175-04	Water	07/26/06 00:00	07/27/06 17:40

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.

The volatile organic analyses for MW-6 were performed on an insufficiently acidified sample. Unless there is biological activity in the sample there would be no impact on the sample data if it is analyzed within 7 days. Per EPA Methods Information Communication Exchange (MICE), in the case of where there is biological activity in the sample, the aromatic compounds (BTEX) may exhibit a low bias regardless of how quickly it is analyzed. Since the laboratory does not have knowledge of biological activity in submitted samples, the samples are qualified merely to indicate the lack of proper acid preservation.

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0018
Project Manager: Alok Kolekar

MPG1175
Reported:
08/10/06 10:17

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MPG1175-01) Water Sampled: 07/26/06 15:15 Received: 07/27/06 17:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6H06007	08/06/06	08/07/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		114 %	60-145		"	"	"	"	
MW-5 (MPG1175-02) Water Sampled: 07/26/06 16:00 Received: 07/27/06 17:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6H06007	08/06/06	08/07/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		110 %	60-145		"	"	"	"	
MW-6 (MPG1175-03) Water Sampled: 07/26/06 15:35 Received: 07/27/06 17:40 BZ									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6H06007	08/06/06	08/07/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		118 %	60-145		"	"	"	"	

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0018
Project Manager: Alok Kolekar

MPG1175
Reported:
08/10/06 10:17

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MPG1175-01) Water Sampled: 07/26/06 15:15 Received: 07/27/06 17:40									
tert-Amyl methyl ether	0.71	0.50	ug/l	1	6H06007	08/06/06	08/07/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	60-145	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94 %	60-115	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		106 %	75-130	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97 %	70-130	"	"	"	"	"	
MW-5 (MPG1175-02) Water Sampled: 07/26/06 16:00 Received: 07/27/06 17:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6H06007	08/06/06	08/07/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	1.6	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	60-145	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93 %	60-115	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		98 %	75-130	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %	70-130	"	"	"	"	"	

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0018
Project Manager: Alok Kolekar

MPG1175
Reported:
08/10/06 10:17

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MPG1175-03) Water Sampled: 07/26/06 15:35 Received: 07/27/06 17:40 BZ									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6H06007	08/06/06	08/07/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.50	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		118 %		60-145	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94 %		60-115	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		103 %		75-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97 %		70-130	"	"	"	"	

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0018
Project Manager: Alok Kolekar

MPG1175
Reported:
08/10/06 10:17

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
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Batch 6H06007 - EPA 5030B P/T / LUFT GCMS

Blank (6H06007-BLK1)				Prepared: 08/06/06 Analyzed: 08/07/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.80		"	2.50		112	60-145			
Laboratory Control Sample (6H06007-BS1)				Prepared: 08/06/06 Analyzed: 08/07/06						
Gasoline Range Organics (C4-C12)	462	50	ug/l	440		105	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.37		"	2.50		95	60-145			
Matrix Spike (6H06007-MS1)				Source: MPG1175-01 Prepared: 08/06/06 Analyzed: 08/07/06						
Gasoline Range Organics (C4-C12)	518	50	ug/l	440	11	115	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.59		"	2.50		104	60-145			
Matrix Spike Dup (6H06007-MSD1)				Source: MPG1175-01 Prepared: 08/06/06 Analyzed: 08/07/06						
Gasoline Range Organics (C4-C12)	546	50	ug/l	440	11	122	75-140	5	20	
Surrogate: 1,2-Dichloroethane-d4	2.71		"	2.50		108	60-145			

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0018
Project Manager: Alok Kolekar

MPG1175
Reported:
08/10/06 10:17

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
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Batch 6H06007 - EPA 5030B P/T / EPA 8260B

Blank (6H06007-BLK1)				Prepared: 08/06/06 Analyzed: 08/07/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.80		"	2.50		112	60-145			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.35		"	2.50		94	60-115			
<i>Surrogate: Dibromofluoromethane</i>	2.47		"	2.50		99	75-130			
<i>Surrogate: Toluene-d8</i>	2.42		"	2.50		97	70-130			

Laboratory Control Sample (6H06007-BS1)				Prepared: 08/06/06 Analyzed: 08/07/06						
tert-Amyl methyl ether	15.2	0.50	ug/l	15.0		101	65-135			
Benzene	5.38	0.50	"	5.16		104	70-125			
tert-Butyl alcohol	166	20	"	143		116	60-135			
Di-isopropyl ether	15.0	0.50	"	15.1		99	70-130			
1,2-Dibromoethane (EDB)	16.4	0.50	"	14.9		110	80-125			
1,2-Dichloroethane	15.4	0.50	"	14.7		105	75-125			
Ethanol	149	300	"	142		105	15-150			
Ethyl tert-butyl ether	15.7	0.50	"	15.0		105	65-130			
Ethylbenzene	7.48	0.50	"	7.54		99	70-130			
Methyl tert-butyl ether	7.60	0.50	"	7.02		108	50-140			
Toluene	34.8	0.50	"	37.2		94	70-120			
Xylenes (total)	42.4	0.50	"	41.2		103	80-125			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.37		"	2.50		95	60-145			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.41		"	2.50		96	60-115			
<i>Surrogate: Dibromofluoromethane</i>	2.47		"	2.50		99	75-130			
<i>Surrogate: Toluene-d8</i>	2.57		"	2.50		103	70-130			

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0018
Project Manager: Alok Kolekar

MPG1175
Reported:
08/10/06 10:17

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
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Batch 6H06007 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6H06007-MS1)	Source: MPG1175-01			Prepared: 08/06/06		Analyzed: 08/07/06	
tert-Amyl methyl ether	16.9	0.50	ug/l	15.0	0.71	108	65-135
Benzene	5.65	0.50	"	5.16	0.15	107	70-125
tert-Butyl alcohol	171	20	"	143	ND	120	60-135
Di-isopropyl ether	16.8	0.50	"	15.1	ND	111	70-130
1,2-Dibromoethane (EDB)	18.3	0.50	"	14.9	ND	123	80-125
1,2-Dichloroethane	17.4	0.50	"	14.7	ND	118	75-125
Ethanol	144	300	"	142	ND	101	15-150
Ethyl tert-butyl ether	17.5	0.50	"	15.0	ND	117	65-130
Ethylbenzene	7.69	0.50	"	7.54	ND	102	70-130
Methyl tert-butyl ether	9.08	0.50	"	7.02	0.36	124	50-140
Toluene	36.3	0.50	"	37.2	ND	98	70-120
Xylenes (total)	43.1	0.50	"	41.2	ND	105	80-125
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>2.59</i>		<i>"</i>	<i>2.50</i>		<i>104</i>	<i>60-145</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>2.46</i>		<i>"</i>	<i>2.50</i>		<i>98</i>	<i>60-115</i>
<i>Surrogate: Dibromofluoromethane</i>	<i>2.47</i>		<i>"</i>	<i>2.50</i>		<i>99</i>	<i>75-130</i>
<i>Surrogate: Toluene-d8</i>	<i>2.59</i>		<i>"</i>	<i>2.50</i>		<i>104</i>	<i>70-130</i>

Matrix Spike Dup (6H06007-MSD1)	Source: MPG1175-01			Prepared: 08/06/06		Analyzed: 08/07/06				
tert-Amyl methyl ether	18.0	0.50	ug/l	15.0	0.71	115	65-135	6	25	
Benzene	5.94	0.50	"	5.16	0.15	112	70-125	5	15	
tert-Butyl alcohol	179	20	"	143	ND	125	60-135	5	35	
Di-isopropyl ether	19.1	0.50	"	15.1	ND	126	70-130	13	35	
1,2-Dibromoethane (EDB)	18.7	0.50	"	14.9	ND	126	80-125	2	15	LM
1,2-Dichloroethane	18.9	0.50	"	14.7	ND	129	75-125	8	10	LM
Ethanol	162	300	"	142	ND	114	15-150	12	35	
Ethyl tert-butyl ether	19.3	0.50	"	15.0	ND	129	65-130	10	35	
Ethylbenzene	8.13	0.50	"	7.54	ND	108	70-130	6	15	
Methyl tert-butyl ether	9.75	0.50	"	7.02	0.36	134	50-140	7	25	
Toluene	36.9	0.50	"	37.2	ND	99	70-120	2	15	
Xylenes (total)	44.6	0.50	"	41.2	ND	108	80-125	3	15	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>2.71</i>		<i>"</i>	<i>2.50</i>		<i>108</i>	<i>60-145</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>2.54</i>		<i>"</i>	<i>2.50</i>		<i>102</i>	<i>60-115</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>2.48</i>		<i>"</i>	<i>2.50</i>		<i>99</i>	<i>75-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>2.55</i>		<i>"</i>	<i>2.50</i>		<i>102</i>	<i>70-130</i>			

TestAmerica - Morgan Hill, CA

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.

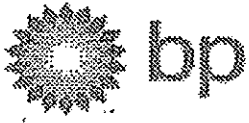
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: BP Heritage #11107, San Lorenzo, CA
Project Number: G07TC-0018
Project Manager: Alok Kolekar

MPG1175
Reported:
08/10/06 10:17

Notes and Definitions

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



Chain of Custody Record

Project Name: Analytical for QMR sampling
 BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 11107 > Historical/BL
 State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fr
 Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: <u>1415</u>	Temp: <u>70</u>
Off-site Time: <u>1615</u>	Temp: <u>85</u>
Sky Conditions: <u>SUN</u>	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: <u>Sequoia</u>	BP/AR Facility No.: <u>11107</u>	Consultant/Contractor: <u>URS</u>
Address: <u>885 Jarvis Drive</u> <u>Morgan Hill, CA 95037</u>	BP/AR Facility Address: <u>18501 Hesperian Blvd., San Lorenzo, CA 94580</u>	Address: <u>1333 Broadway, Suite 800</u> <u>Oakland, CA 94612</u>
Lab PM: <u>Lisa Race/ Katt Min</u>	Site Lat/Long: <u>37.671211 / -122.121</u>	Consultant/Contractor Project No.: <u>38487122</u>
Tele/Fax: <u>408.782.8156 / 408.782.6308</u>	California Global ID No.: <u>T0600101665</u>	Consultant/Contractor PM: <u>Alok Kolekar</u>
BP/AR PM Contact: <u>Paul Supple</u>	Enfos Project No.: <u>G07TC-0018</u>	Tele/Fax: <u>510.874.3152 / 510.874.3268</u>
Address: <u>P.O. Box 6549</u> <u>Moraga, CA 94570</u>	Provision or RCOP: <u>Provision</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
Tele/Fax: <u>925-299-8891</u>	Phase/WBS: <u>04 - Mon/Remed by Natural Attenuation</u>	E-mail EDD To: <u>jane_field@urscorp.com</u>
	Sub Phase/Task: <u>03 - Analytical</u>	Invoice to: <u>Atlantic Richfield Company</u>
	Cost Element: <u>05 - Subcontracted Costs</u>	

Lab Bottle Order No: <u>11107</u>				Matrix		Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Date	Soil/Solid	Water/Liquid			Air	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO / BTEX (8260)	MTBE, TAME, ETBE	DIPE, TBA (8260)	EDB, 1,2-DCA (8260)	
1	<u>MW-4</u>	<u>1515</u>	<u>7/26/06</u>	X			<u>3</u>			X		X	X	X	X			
2	<u>MW-5</u>	<u>1600</u>		X			<u>3</u>			X		X	X	X	X			
3	<u>MW-6</u>	<u>1535</u>		X			<u>3</u>			X		X	X	X	X			
4	<u>TB-11107-072606</u>			X			<u>2</u>			X							<u>on hold</u>	
5																		
6																		
7																		
8																		
9																		
10																		

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
<u>S. L. ME</u>	<u>S. L. ME</u>	<u>7/26/06</u>	<u>1730</u>	<u>[Signature]</u>	<u>7/26/06</u>	<u>1730</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>7/27/06</u>	<u>1815</u>	<u>[Signature]</u>	<u>7/27/06</u>	<u>1815</u>
	<u>[Signature]</u>	<u>7-27-06</u>	<u>1740</u>	<u>[Signature]</u>	<u>7/27/06</u>	<u>1740</u>

Special Instructions: CC to bpedf@broadbentinc.com

Custody Seals In Place Yes No Temp Blank Yes No Cooler Temperature on Receipt 38.9°C Trip Blank Yes No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
 REC. BY (PRINT): ET
 WORKORDER: MPG175

DATE REC'D AT LAB: 7/27/06
 TIME REC'D AT LAB: 1740
 DATE LOGGED IN: 7/30/06

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <input checked="" type="radio"/> Absent Intact / Broken*			SEE COC						7/27/06 ET
2. Chain-of-Custody <input checked="" type="radio"/> Present / Absent*									
3. Traffic Reports or Packing List: Present / <input checked="" type="radio"/> Absent									
4. Airbill: Airbill / Sticker Present / <input checked="" type="radio"/> Absent									
5. Airbill #:									
6. Sample Labels: <input checked="" type="radio"/> Present / Absent									
7. Sample IDs: <input checked="" type="radio"/> Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: <input checked="" type="radio"/> Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / No*									
10. Sample received within hold time? <input checked="" type="radio"/> Yes / No*									
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / No*									
12. Proper preservatives used? <input checked="" type="radio"/> Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="radio"/> Yes / No*									
14. Read Temp: <u>3.8°C</u> Corrected Temp: <u>" "</u> Is corrected temp 4 +/- 2°C? <input checked="" type="radio"/> Yes / No** <small>(Acceptance range for samples requiring thermal pres.)</small>									

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

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

SRL Revision 7
 Replaces Rev 5 (07/13/04)
 Effective 07/19/05

WELL GAUGING DATA

Project # 060726-923 Date 7/26/06 Client Arco

Site 18501 Hesperian San Lorenzo

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
MW-1	2					17.79	30.75		1600
MW-2	2					17.07	25.00		1425
MW-3	2					17.48	25.20		1429
MW-4	2					16.46	25.31		1439
MW-5	2					16.57	22.77		1448
MW-6	2					16.40	25.05		1443
MW-7	2					16.36	24.53	✓	1435

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>060726-SL3</u>	Station # <u>11107</u>
Sampler: <u>SV</u>	Date: <u>7/26/06</u>
Well I.D.: <u>MW-4</u>	Well Diameter: <u>3</u> 3 4 6 8
Total Well Depth: <u>25.31</u>	Depth to Water: <u>16.46</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____

Sampling Method: Bailer Disposable Bailer Extraction Port Other: _____

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>1.4</u>	X	<u>3</u>	=	<u>4.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
<u>1500</u>	<u>72.5</u>	<u>7.00</u>	<u>626</u>	<u>1.4</u>	
<u>1505</u>	<u>71.9</u>	<u>7.03</u>	<u>582</u>	<u>2.8</u>	
<u>1510</u>	<u>70.8</u>	<u>6.93</u>	<u>571</u>	<u>4.2</u>	

Did well dewater? Yes No Gallons actually evacuated: 4.2

Sampling Time: 1515 Sampling Date: 7/

Sample I.D.: MW-4 Laboratory: Pace Sequoia Other TA

Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DC EDP Ethanol Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>060726-5L3</u>	Station # <u>11107</u>
Sampler: <u>MW-5 (SL) SL</u>	Date: _____
Well I.D.: <u>MW-5</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>22.77</u>	Depth to Water: <u>16.57</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: <input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
--	--

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>1.0</u>	x	<u>3</u>	=	<u>3.0</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>1345</u>	<u>70.5</u>	<u>6.93</u>	<u>529</u>	<u>1.0</u>	
<u>1350</u>	<u>69.8</u>	<u>6.85</u>	<u>520</u>	<u>2.0</u>	
<u>1355</u>	<u>69.8</u>	<u>6.81</u>	<u>517</u>	<u>3.0</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>3.0</u>
Sampling Time: <u>1600</u>	Sampling Date: <u>7/26/08</u>
Sample I.D.: <u>MW-5</u>	Laboratory: Pace Sequoia Other <u>TA</u>
Analyzed for: <input checked="" type="checkbox"/> GRO <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input type="checkbox"/> DRO	Other: <u>see COC</u>
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>060726-SL3</u>	Station # <u>11107</u>
Sampler: <u>SL</u>	Date: <u>7/26/06</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>2</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>25.05</u>	Depth to Water: <u>16.40</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
---	---

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>1.4</u>	X	<u>3</u>	=	<u>4.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>1520</u>	<u>73.6</u>	<u>7.35</u>	<u>598</u>	<u>1.4</u>	
<u>1525</u>	<u>71.1</u>	<u>7.17</u>	<u>615</u>	<u>2.8</u>	
<u>1530</u>	<u>70.4</u>	<u>7.08</u>	<u>620</u>	<u>4.2</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>4.2</u>
Sampling Time: <u>1535</u>	Sampling Date: <u>7/26/06</u>
Sample I.D.: <u>MW-6</u>	Laboratory: Pace Sequoia Other <u>TA</u>
Analyzed for: <input checked="" type="checkbox"/> GRO <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input type="checkbox"/> DRO	Other: <u>SEE COC</u>
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

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 PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY DILLARD ENVIRONMENTAL TO THE ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY IN LIVERMORE, CALIFORNIA.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA 95112 (phone [408] 573-0555). Blaine Tech Services, Inc. is authorized by BP GEM OIL COMPANY to recover, collect, apportion into loads the Non-Hazardous Well Purgewater that is drawn from wells at the BP GEM Oil Company facility indicated below and deliver that purgewater to BTS. 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:

11107

Station # _____

Station Address 18501 Hesperian San Lorenzo

Total Gallons Collected From Groundwater Monitoring Wells:
12

added equip. _____ any other _____
rinse water _____ adjustments _____

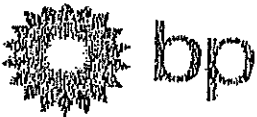
TOTAL GALS. 12 loaded onto _____
RECOVERED _____ BTS vehicle # 59

BTS event # _____ time _____ date _____
060726-923 1615 7/26/05

signature [Signature]

REC'D AT _____ time _____ date _____
_____ / /

unloaded by _____
signature _____



WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 07/26/06

Site Address 18501 Hesperian San Lorenzo

Job Number 060726-5L3 Technician 5L

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removal From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1								
MW-2	X						X	
MW-3	X							
MW-4	X							
MW-5	X							
MW-6	X							
MW-7	X							

NOTES: 5/8" bolts -> MW-1

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: 9397360742
Date/Time of Submittal: 10/20/2006 11:26:20 AM
Facility Global ID: T0600101665
Facility Name: BP #11167
Submittal Title: 3Q 06 GW Monitoring
Submittal Type: GW Monitoring Report

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

BP 18501 HESPERIAN BLVD SAN LORENZO, CA 94580	Regional Board - Case #: 01-1797 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: 780 ALAMEDA COUNTY LOP - (SP)
--	---

CONF #	TITLE	QUARTER
9397360742	3Q 06 GW Monitoring	Q3 2006
SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	10/20/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
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	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%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

#11107

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>	3Q 06 GEO_WELL
<u>Submittal Date/Time:</u>	10/20/2006 11:23:52 AM
<u>Confirmation Number:</u>	8970906138
Back to Main Menu	

Logged in as BROADBENT-C
(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.