Atlantic Richfield Company
(a BP affiliated company)

6 Centerpointe Drive, Room 161
La Palma, CA 90623-1066
Phone: (714) 670-5303
Fax: (714) 670-5195

March 9, 2005

Re: First Semi-Annual 2005 Groundwater Monitoring Report
Former BP Service Station #11107
18501 Hesperian Blvd
San Lorenzo, California
Case ID: RO0000489

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

Submitted by:

Kyle Christie
Environmental Business Manager

URS

March 9, 2005

Mr. Robert Shultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: First Semi-Annual 2005 Groundwater Monitoring Report
Former BP Service Station #11107
18501 Hesperian Blvd
San Lorenzo, California
Case ID: RO0000489

Dear Mr. Shultz:

On behalf of the Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *First Semi-Annual 2005 Groundwater Monitoring Report* for the Former BP Service Station #11107, located at 18501 Hesperian Boulevard, San Lorenzo, California.

Based on the low hydrocarbon and MTBE concentrations, URS recommends this Site be considered for closure.

If you have any questions regarding this submission, please call me at (510) 874-1758.

Sincerely,

URS CORPORATION

Lynelle Onishi
Project Manager

Barbara J. Jakub, R.G
Senior Geologist

REGISTERED GEOLOGIST
BARBARA J JAKUB
No. 7304
STATE OF CALIFORNIA

Enclosure: First Semi-Annual 2005 Groundwater Monitoring Report

cc: Mr. Kyle Christie, RM, electronic copy uploaded to ENFOS
Ms. Liz Sewell, ConocoPhillips, electronic copy uploaded to FTP server
Mr. Ron Gehrke, 19231 Lake Chabot Road, Castro Valley, CA 94546

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

URS

RO-489

February 15, 2005

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-8577

RE: Electronic Report Submission

Dear Mr. Schultz:

The purpose of this letter is to inform you that on behalf of the Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) will issue all future quarterly monitoring reports (QMR) electronically to the State Water Resources Control Board's GEOTRACKER website (http://www.geotracker.swrcb.ca.gov/). You may access your report directly from this website. If you would prefer to have a PDF copy e-mailed to you or if you would like to continue receiving a paper copy, please contact Rick Murray at (510) 874-1755.

If you have any questions regarding this submission, please call me at (510) 874-3125.

Sincerely,

URS CORPORATION

Rachel Lindvall
QMR Coordinator

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

REPORT

FIRST SEMI-ANNUAL 2005 GROUNDWATER MONITORING REPORT

FORMER BP SERVICE STATION #11107
18501 HESPERIAN BLVD
SAN LORENZO, CALIFORNIA

Prepared for
RM

March 9, 2005

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38487247

Date: March 9, 2005

Quarter: 1Q 05

RM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.:	11107	Address:	18501 Hesperian Blvd, San Lorenzo, CA
RM Environmental Engineer:			Kyle Christie
Consulting Co./Contact Person:			URS Corporation / Lynelle Onishi
Consultant Project No.:			38487247
Primary Agency:			Alameda County Environmental Health
Agency ID:			RO0000489

WORK PERFORMED THIS PERIOD (First Quarter – 2005):

1. Performed first semi-annual 2005 groundwater monitoring event on January 20, 2005.
2. Prepared and submitted first semi-annual 2005 groundwater monitoring report.

WORK PROPOSED FOR NEXT PERIOD (Second Quarter – 2005):

1. Prepare and submit second quarter 2005 status report.

Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	Semi-annually: Wells MW-4 through MW-6
Frequency of Groundwater Monitoring:	Semi-annually
Is Free Product (FP) Present On-Site:	No
Current Remediation Techniques:	None
Approximate Depth to Groundwater:	15.67 (MW-6) to 17.56 (MW-1) feet
Groundwater Gradient (direction):	West-Northwest
Groundwater Gradient (magnitude):	0.004 feet per foot

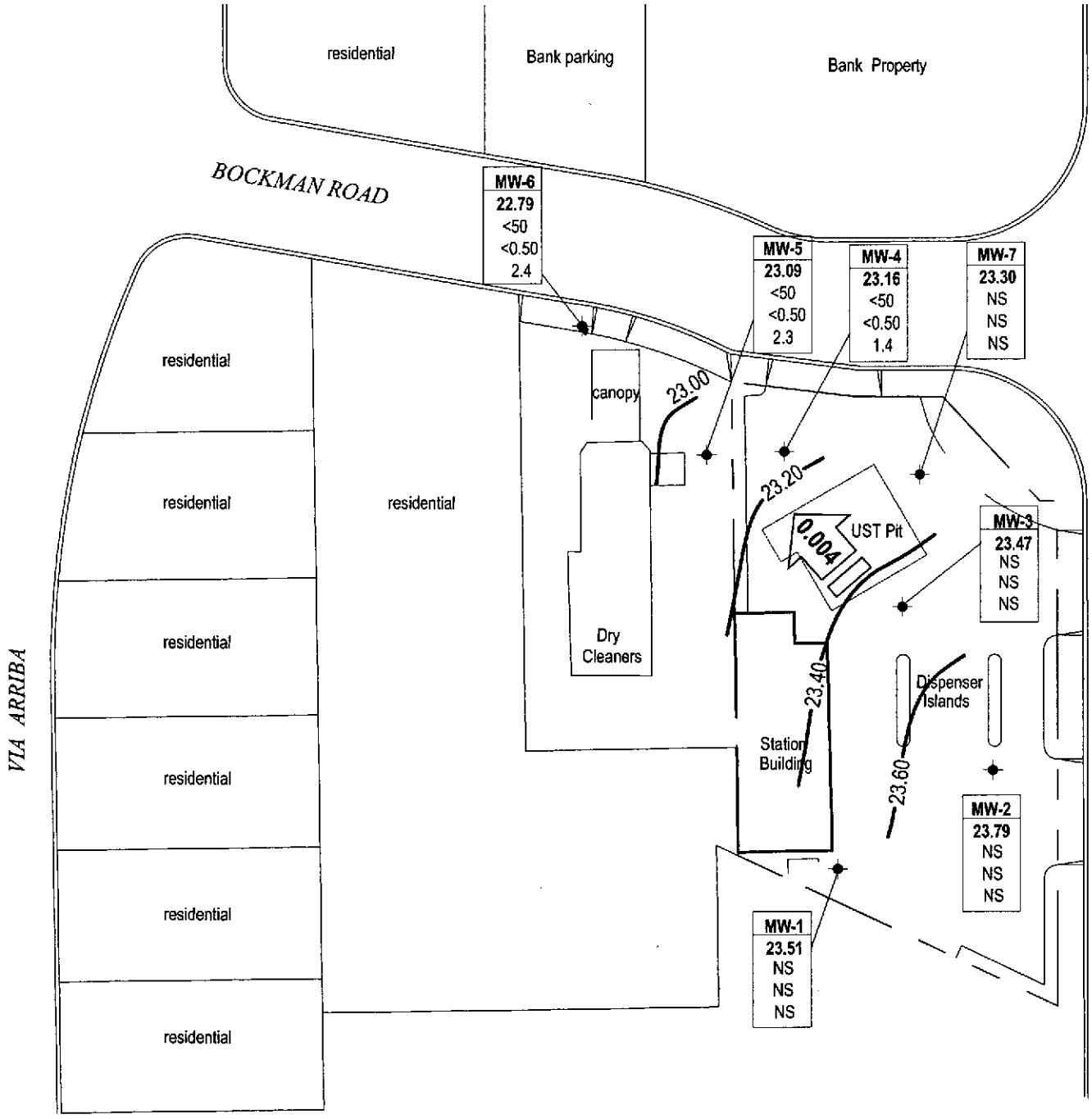
DISCUSSION:

Gasoline range organics (GRO) and benzene were not detected at or above laboratory reporting limits in any of the three wells sampled this quarter. MTBE was detected at or above the laboratory reporting limit in all three wells sampled this quarter at concentrations of 1.4 micrograms per liter (µg/L) (MW-4), 2.3 µg/L (MW-5) and 2.4 µg/L (MW-6). No other fuel additives were detected at or above their respective laboratory reporting limits.

No hydrocarbons have been detected in either on-or off-site wells since the first quarter 2004. MTBE is the only oxygenate detected at the site and those concentrations are below the secondary Maximum Contaminant Level (MCL) of 5 µg/L. Based on this, URS recommends this Site be considered for closure.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – January 20, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Groundwater Gradient Data
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/Geowell Submittal Confirmation



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

URS

Project No. 38487247

Former BP Service Station #11107
18501 Hesperian Boulevard
San Lorenzo, California

GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP First Quarter 2005 (January 20, 2005)

FIGURE 1

jktingt0 Feb 15, 2005 - 3:09pm
X:\x_env_waste\BP GEM\Sites\LNiles Sites\11107\Reports\Monitoring\Qtr. 1, 2005\Drawings\11107-1Q05-GW.dwg

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
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	20.70	--	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	--	--	--	--	--	--	--	---	--	--	---	--
	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	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-1	07/21/2004	--	--	41.07	18.06	--	23.01	--	--	--	--	--	--	--	--	--	--	--	--
	01/20/2005	--	--	**41.07**	**17.56**	--	**23.51**	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-2	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**	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	---	--
	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	--	--	--	--	--	--	--	---	--	--	---	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-3	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**	--	--	--	--	--	--	--	--	--	--	--	--
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	--	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	--	23.50	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	--	c	--	--	--	--	620	11	<1.0	<1.0	<1.0	1,100	--	SPL	--	--	---	--
	12/8/1997	--	--	39.24	15.96	--	23.28	590	11	<1.0	<1.0	<1.0	1,200	4.4	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	16.40	--	22.84	570	<1.0	<1.0	<1.0	<1.0	660	--	SPL	--	--	---	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-4	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**	**--**	**--**	**--**
MW-5	6/6/1995	--	(e)	39.07	16.16	--	22.91	1,100	42	<2.5	15	4	--	--	ATI	--	--	---	--
	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	--	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	--	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	--	--	---	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-5	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	--	--	--
	01/20/2005	**P**	**--**	**39.22**	**16.13**	**--**	**23.09**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**2.3**	**--**	**SEQM**	**6.5**	**--**	**--**	**--**
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	--	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	--	--	---	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-6	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	--	--	---	--
	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**	**--**	**--**	**--**
MW-7	3/1/1995	--	--	39.5	16.21	--	23.29	1,400	14	<1.0	14	27	--	1.8	ATI	--	--	---	--
	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	16.80	--	22.70	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	--	--	---	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Foot Note	TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	DRO/ TPH-d (µg/L)	TOG (µg/L)	HVOC (µg/L)
MW-7	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**	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	---	--

Table 1

Groundwater Elevation and Analytical Data

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

ABBREVIATIONS AND SYMBOLS:
GRO = Gasoline Range Organics, range C4-C12
TPH-g = Total petroleum hydrocarbons as gasoline
TPH-d = Total petroleum hydrocarbons as diesel
MtBE = Methyl tert- butyl ether, historical data expressed as EPA Methods 8260/8020
TOG = Total oil and grease
DO = Dissolved oxygen
ug/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 Laboratories
SEQ = Sequoia Analytical Laboratories
TOC = Top of Casing
DTW = Depth to Water
GWE = Groundwater Elevation, feet above mean sea level
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 eventshave been destroyed.
(m) TOC raised by +0.15 feet 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.

The data within this table collected prior to June 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Top of casing elevations surveyed relative to an established benchmark with anelevation of 39.95 feet above mean sea level.

Groundwater elevations in feet above mean sea level.

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

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. Total petroleum hydrocarbons as gasoline (TPH-G) has been changed to gasoline range organics (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.

Table 2

Fuel Additives Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
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	
	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
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
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	--	--	

Table 2

Fuel Additives Analytical Data

Former BP Station #11107

18501 Hesperian Blvd., San Lorenzo, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-6	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**

Table 2

Fuel Additives Analytical Data

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

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
ug/L = Micrograms per liter
< = Not detected at or above the laboratory reporting limit
--- = Not analyzed/ applicable
PACE = Pace, Inc.
SPL = Southern Petroleum Laboratories
SEQ = Sequioa Analytical Laboratories

FOOTNOTES:

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

NOTES:
The data within this table collected prior to June 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Table 3

Groundwater Gradient Data

Former BP 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**

ATTACHMENT A

FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD 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.

WELL GAUGING DATA

Project # 050120-BA2 Date 1/20/05 Client #11107

Site 19501 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	
MW-1	2					17.56	30.64	TOC	
MW-2	2					16.77	24.93		
MW-3	2					16.98	25.16		
MW-4	2					16.08	25.22		
MW-5	2					16.13	22.72		
MW-6	2					15.67 ~~16.08~~	24.96 ~~25.22~~		
MW-7	2					16.20	24.44		
~~Abv~~									

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050120-BAZ	Station # 1107
Sampler: Brian Alcorn	Date: 1/20/05
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 25.22	Depth to Water: 16.08
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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.

1.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1245	67.0	6.5	569	1.5	clear
1247	68.0	6.5	568	3.0	"
1249	68.8	6.5	569	4.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Time: 1252 Sampling Date: 1/20/05

Sample I.D.: MW-4 Laboratory: Pace (Sequoia) Other ___

Analyzed for: GRO BTEX MTBE DRO 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 #: 050120-BA2	Station # 1107
Sampler: Brian Alcom	Date: 1/20/05
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 22.72	Depth to Water: 16.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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.

1.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 3.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1228	66.4	6.5	587	1.25	clear
1230	67.6	6.5	588	2.5	"
1232	67.6	6.5	589	3.75	"

Did well dewater? Yes (No) Gallons actually evacuated: 3.75

Sampling Time: 1235 Sampling Date: 1/20/05

Sample I.D.: MW-5 Laboratory: Pace (Sequoia) Other_____

Analyzed for: GRO BTEX MTBE DRO 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 #: 050120-BA2	Station # 11107
Sampler: Brian Alcorn	Date: 1/20/05
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 24.96	Depth to Water: 15.67
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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.

1.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1211	67.4	6.7	594	1.5	gray
1215	67.1	6.6	596	3.0	"
1219	66.9	6.6	600	4.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Time: 1220 Sampling Date: 1/20/05

Sample I.D.: MW-6 Laboratory: Pace (Sequoia) Other_____

Analyzed for: GRO BTEX MTBE DRO 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

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:

1107

Station #

18501 Hesperian, San Lorenzo

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip. rinse water_____ any other adjustments_____

TOTAL GALS. RECOVERED 12 loaded onto BTS vehicle # 58

BTS event #	time	date
050120-BA2	1300	1/20/05

signature

* *

REC'D AT	time	date
		/ /

unloaded by signature_____

ATTACHMENT B

LABORATORY PROCEDURES, CERTIFIED ANALYTICAL REPORTS, AND CHAIN-OF-CUSTODY RECORDS

LABORATORY PROCEDURES

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 Atlantic Richfield Company have been reviewed and verified by that laboratory.

Sequoia
Analytical

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

1 February, 2005

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

RE: BP Heritage #11107, San Lorenzo, CA
Work Order: MOA0586

Enclosed are the results of analyses for samples received by the laboratory on 01/20/05 16:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11107, San Lorenzo, CA	MOA0586
1333 Broadway, Suite 800	Project Number:G07TC-0012	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/01/05 17:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	MOA0586-01	Water	01/20/05 12:52	01/20/05 16:25
MW-5	MOA0586-02	Water	01/20/05 12:35	01/20/05 16:25
MW-6	MOA0586-03	Water	01/20/05 12:20	01/20/05 16:25
TB-11107-01202005	MOA0586-04	Water	01/20/05 13:00	01/20/05 16:25

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.

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11107, San Lorenzo, CA	MOA0586
1333 Broadway, Suite 800	Project Number:G07TC-0012	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/01/05 17:12

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MOA0586-01) Water Sampled: 01/20/05 12:52 Received: 01/20/05 16:25									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5A31007	01/31/05	01/31/05	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	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.4**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*60-135*		"	"	"	"	
MW-5 (MOA0586-02) Water Sampled: 01/20/05 12:35 Received: 01/20/05 16:25									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5A31007	01/31/05	01/31/05	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	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**2.3**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*60-135*		"	"	"	"	

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11107, San Lorenzo, CA	MOA0586
1333 Broadway, Suite 800	Project Number:G07TC-0012	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/01/05 17:12

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MOA0586-03) Water Sampled: 01/20/05 12:20 Received: 01/20/05 16:25									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5A31007	01/31/05	01/31/05	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	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**2.4**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*		*60-135*	"	"	"	"	

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11107, San Lorenzo, CA	MOA0586
1333 Broadway, Suite 800	Project Number:G07TC-0012	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/01/05 17:12

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5A31007 - EPA 5030B P/T / EPA 8260B										
Blank (5A31007-BLK1)				Prepared & Analyzed: 01/31/05						
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	100	"							IC
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	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.73*		"	*5.00*		*115*	*78-129*			
Laboratory Control Sample (5A31007-BS1)				Prepared & Analyzed: 01/31/05						
tert-Amyl methyl ether	11.4	0.50	ug/l	10.0		114	82-140			
Benzene	10.5	0.50	"	10.0		105	69-124			
tert-Butyl alcohol	47.1	20	"	50.0		94	56-131			
Di-isopropyl ether	11.0	0.50	"	10.0		110	76-130			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0		108	77-132			
1,2-Dichloroethane	10.9	0.50	"	10.0		109	77-136			
Ethanol	345	100	"	200		172	31-143			IC, HL
Ethyl tert-butyl ether	10.3	0.50	"	10.0		103	81-121			
Ethylbenzene	10.5	0.50	"	10.0		105	84-132			
Methyl tert-butyl ether	10.3	0.50	"	10.0		103	63-137			
Toluene	10.4	0.50	"	10.0		104	78-129			
Xylenes (total)	33.2	0.50	"	30.0		111	83-137			
Surrogate: 1,2-Dichloroethane-d4	*5.72*		"	*5.00*		*114*	*78-129*			

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11107, San Lorenzo, CA	MOA0586
1333 Broadway, Suite 800	Project Number:G07TC-0012	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/01/05 17:12

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5A31007 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5A31007-BS2)				Prepared & Analyzed: 01/31/05						
Benzene	6.14	0.50	ug/l	6.08		101	69-124			
Ethylbenzene	8.77	0.50	"	7.84		112	84-132			
Methyl tert-butyl ether	9.53	0.50	"	9.60		99	63-137			
Toluene	36.9	0.50	"	32.9		112	78-129			
Xylenes (total)	44.9	0.50	"	38.5		117	83-137			
Gasoline Range Organics (C4-C12)	396	50	"	440		90	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.79*		"	*5.00*		*116*	*78-129*			
Laboratory Control Sample Dup (5A31007-BSD1)				Prepared & Analyzed: 01/31/05						
tert-Amyl methyl ether	11.2	0.50	ug/l	10.0		112	82-140	2	20	
Benzene	10.6	0.50	"	10.0		106	69-124	0.9	20	
tert-Butyl alcohol	43.5	20	"	50.0		87	56-131	8	20	
Di-isopropyl ether	10.6	0.50	"	10.0		106	76-130	4	20	
1,2-Dibromoethane (EDB)	11.5	0.50	"	10.0		115	77-132	6	20	
1,2-Dichloroethane	11.2	0.50	"	10.0		112	77-136	3	20	
Ethanol	355	100	"	200		178	31-143	3	20	IC, HL
Ethyl tert-butyl ether	10.2	0.50	"	10.0		102	81-121	1	20	
Ethylbenzene	10.9	0.50	"	10.0		109	84-132	4	20	
Methyl tert-butyl ether	10.1	0.50	"	10.0		101	63-137	2	20	
Toluene	10.6	0.50	"	10.0		106	78-129	2	20	
Xylenes (total)	33.8	0.50	"	30.0		113	83-137	2	20	
Surrogate: 1,2-Dichloroethane-d4	*5.77*		"	*5.00*		*115*	*78-129*			
Matrix Spike (5A31007-MS1)	**Source: MOA0587-01**			Prepared & Analyzed: 01/31/05						
Benzene	12.2	1.0	ug/l	12.2	ND	100	69-124			
Ethylbenzene	17.6	1.0	"	15.7	ND	112	84-132			
Methyl tert-butyl ether	116	1.0	"	19.2	99	89	63-137			
Toluene	73.3	1.0	"	65.8	ND	111	78-129			
Xylenes (total)	89.5	1.0	"	77.0	ND	116	83-137			
Gasoline Range Organics (C4-C12)	790	100	"	880	63	83	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.67*		"	*5.00*		*113*	*78-129*			

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11107, San Lorenzo, CA	MOA0586
1333 Broadway, Suite 800	Project Number:G07TC-0012	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/01/05 17:12

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5A31007 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (5A31007-MSD1)	**Source: MOA0587-01**			Prepared & Analyzed: 01/31/05						
Benzene	11.9	1.0	ug/l	12.2	ND	98	69-124	2	20	
Ethylbenzene	17.6	1.0	"	15.7	ND	112	84-132	0	20	
Methyl tert-butyl ether	116	1.0	"	19.2	99	89	63-137	0	20	
Toluene	71.9	1.0	"	65.8	ND	109	78-129	2	20	
Xylenes (total)	90.6	1.0	"	77.0	ND	118	83-137	1	20	
Gasoline Range Organics (C4-C12)	777	100	"	880	63	81	70-124	2	20	
Surrogate: 1,2-Dichloroethane-d4	*5.72*		*"*	*5.00*		*114*	*78-129*			

Sequoia Analytical

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

URS Corporation [Arco]	Project:BP Heritage #11107, San Lorenzo, CA	MOA0586
1333 Broadway, Suite 800	Project Number:G07TC-0012	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	02/01/05 17:12

Notes and Definitions

IC	Calib. verif. is within method limits but outside contract limits
HL	Analyte recovery above established limit
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: BP 11107 Analytical for QMR sampling

BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Capital > 1110 / > Historical Bl.

State or Lead Regulatory Agency: Alameda County Environmental Health Agency

Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time:	1130	Temp:	75
Off-site Time:	1300	Temp:	78
Sky Conditions:	clear		
Meteorological Events:			
Wind Speed:	—	Direction:	

Lab Name: Sequoia	BP/AR Facility No.: 11107	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 18501 Hesperian Blvd., San Lorenzo, CA 945	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.671211 / -122.121	Oakland, CA 94612
Lab PM: Lisa Race	California Global ID No.: T0600101665	Consultant/Contractor Project No.: 38486827
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G071C-0012	Consultant/Contractor PM: Leonard Niles
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.1720 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with EDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna_Cosper@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO/BTEX (8260)	Requested Analysis: MTBE, TAME, ETBE, DIPE, TBA (8260)	Requested Analysis: EDB, 1,2-DCA (8260)	Requested Analysis: Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-4	1252	1/20		X		01	3				X		X	X	X	X	MDA 0586
2	MW-5	1235	"		X		02	1				X		X	X	X	X	
3	MW-6	1220	"		X		03	"				X		X	X	X	X	
4	TB-11107-01202005	1300	"		X		04	"				X		X	X	X	X	on Hold
5																		
6																		
7																		
8																		
9																		
10																		

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Brian Aleem						
Sampler's Company: BlaineTech Services		1/20/05	1532		1/20/05	1532
Shipment Date:		1/20/05	1623		1/20/05	1623
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP 11107
REC. BY (PRINT): JD
WORKORDER: 501058 4

DATE REC'D AT LAB: 1/20/05
TIME REC'D AT LAB: 1625
DATE LOGGED IN: 1-21-05

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

(For clients requiring preservation checks at receipt, document here ↓)

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 / Absent	01	A-C	MW-4	VOA (3)	HCl	—	W	1625	
	Intact / Broken*	02	1	↓ -5	↓	↓	↓	↓	↓	
2. Chain-of-Custody	Present / Absent*	03	2	↓ -6	↓	↓	↓	↓	↓	
3. Traffic Reports or Packing List:	Present / Absent	04	A-B	TB-11107-012005	↓ (2)	↓	↓	↓	↓	
4. Airbill:	Airbill / Sticker									
	Present / Absent									
5. Airbill #:										
6. Sample Labels:	Present / Absent									
7. Sample IDs:	Listed / Not Listed									
	on Chain-of-Custody									
8. Sample Condition:	Intact / Broken* /									
	Leaking*									
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. Temp Rec. at Lab: 2.5										
Is temp 4 +/-2°C?	Yes / No**									
(Acceptance range for samples requiring thermal pres.)										
**Exception (if any): METALS / DFF ON ICE or Problem COC										

1/20/05

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

SRL Revision 6
Replaces Rev 5 (06/07/04)
Effective 07/13/04

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Electronic Submittal Information

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

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	2/10/2005 2:22:55 PM

Processing is complete. No errors were found!
You may now proceed to the upload page.

Back to Main Menu

Logged in as URSCORP-OAKLAND (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!

Submittal Title:	**1Q 2005 QMR Geowell BP Site 11107**
Submittal Date/Time:	**2/10/2005 2:23:37 PM**
Confirmation Number:	**9512115299**

Back to Main Menu

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	2/10/2005 2:24:45 PM
GLOBAL ID:	T0600101665
FILE UPLOADED:	BP#11107-EDF-MOA0586.zip

No errors were found in your EDF upload file.

If you want to submit this file to the SWRCB, choose the "Upload EDD" option in the above menu and follow the instructions.

When you complete the submittal process, you will be given a confirmation number for your submittal.

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) - **(RDB)**
Local Agency (lead agency) - Case #: 780
ALAMEDA COUNTY LOP - **(RWS)**

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
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
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%	N

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

Logged in as URSCORP-OAKLAND (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

Your EDF file has been succcessfully uploaded!

Confirmation Number: 5509193539
Date/Time of Submittal: 2/10/2005 2:25:49 PM
Facility Global ID: T0600101665
Facility Name: BP
Submittal Title: 1Q 2005 QMR EDF BP Site 11107
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) - **(RDB)**
Local Agency (lead agency) - Case #: 780
ALAMEDA COUNTY LOP - **(RWS)**

CONF #	TITLE	QUARTER
5509193539	1Q 2005 QMR EDF BP Site 11107	Q1 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	2/10/2005	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
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
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%	N

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

Logged in as URSCORP-OAKLAND (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

UPLOADING A GEO_REPORT FILE

YOUR DOCUMENT UPLOAD WAS SUCCESSFUL!

Facility Name:	**BP**
Global ID:	**T0600101665**
Title:	**1Q 2005 QMR Site 11107**
Document Type:	**Reports - Other**
Submittal Type:	**GEO_REPORT**
Submittal Date/Time:	**3/10/2005 11:44:55 AM**
Confirmation Number:	**5954938590**

Click here to view the document.

Back to Main Menu

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.