



Atlantic Richfield Company
(a BP affiliated company)

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Moraga, California 94570
Phone: (925) 299-8891
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By lopprojectop at 9:57 am, Apr 17, 2006

March 31, 2006

Re: ARCO Service Station # 11107
18501 Hesperian Blvd.
San Lorenzo, California
First Semi-Annual 2006 Groundwater Monitoring Report
ACEH Case # 780

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

Submitted by:

Paul Supple
Environmental Business Manager



March 31, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: First Semi-Annual 2006 Groundwater Monitoring Report
Former BP Service Station #11107
18501 Hesperian Blvd
San Lorenzo, California
ACEH Case No. 780**

Dear Mr. Hwang:

On behalf of the Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *First Semi-Annual 2006 Groundwater Monitoring Report* for the Former BP Service Station #11107, located at 18501 Hesperian Boulevard, San Lorenzo, California.

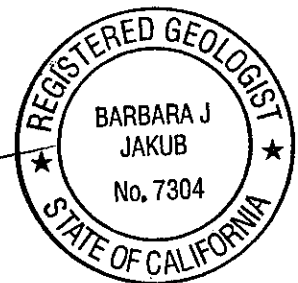
If you have any questions regarding this submission, please call me at (510) 874-1758.

Sincerely,

URS CORPORATION

Lynelle T. Onishi
Project Manager

Barbara J. Jakub, P.G.
Senior Geologist



Enclosure: First Semi-Annual 2006 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Ms. Shelby Lathrop, ConocoPhillips, electronic copy uploaded to URS ftp server
Mr. Ron Gehrke, 19231 Lake Chabot Road, Castro Valley, CA 94546
Mr. Rob Miller, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS

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

REPORT

RECEIVED

By loprojectop at 9:57 am, Apr 17, 2006

FIRST SEMI-ANNUAL 2006 GROUNDWATER MONITORING REPORT

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

Prepared for
RM

March 31, 2006

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: March 31, 2006

Quarter: 1Q 06

FIRST SEMI-ANNUAL 2006 GROUNDWATER MONITORING REPORT

Facility No.: 11107 Address: 18501 Hesperian Blvd, San Lorenzo, CA
RM Environmental Engineer: Paul Supple
Consulting Co./Contact Person: URS Corporation / Lynelle Onishi
Primary Agency: Alameda County Environmental Health (ACEH)
ACEH Case ID: 780

WORK PERFORMED THIS PERIOD (First Quarter – 2006):

1. Performed the first semi-annual 2006 groundwater monitoring event on January 11, 2006.
2. Prepared and submitted this First Semi-Annual 2006 Groundwater Monitoring Report.

WORK PROPOSED FOR NEXT PERIOD (Second Quarter – 2006):

1. Prepare and submit the Second Quarter 2006 Status Report.
2. No environmental work scheduled for second quarter 2006.

SITE SUMMARY:

Current Phase of Project:	<u>GW monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Semi-annually: Wells MW-4 through MW-6</u>
Frequency of Groundwater Monitoring:	<u>Semi-annually</u>
Is Free Product Present On-Site:	<u>No</u>
Current Remediation Techniques:	<u>None</u>
Approximate Depth to Groundwater:	<u>15.43 (MW-6) to 17.17 (MW-1) feet</u>
Groundwater Gradient (direction):	<u>West-Northwest</u>
Groundwater Gradient (magnitude):	<u>0.006 feet per foot</u>

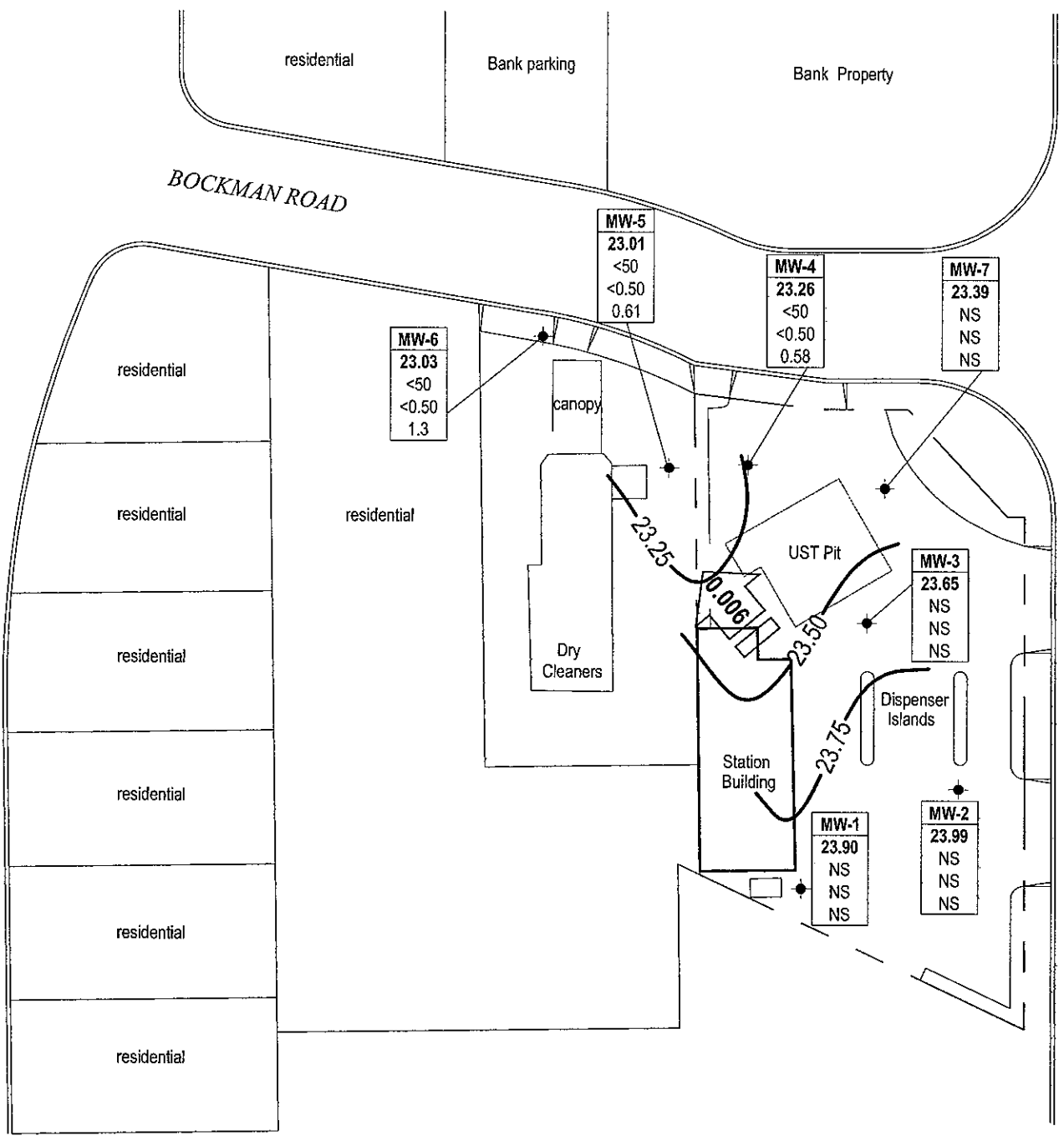
DISCUSSION:

Methyl-tert-butyl ether was detected at or above the laboratory reporting limit in all three wells sampled this quarter at concentrations ranging from 0.58 micrograms per liter ($\mu\text{g/L}$) (MW-4) to 1.3 $\mu\text{g/L}$ (MW-6). No other fuel components were detected at or above their respective laboratory reporting limits in any of the wells sampled this quarter.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – January 11, 2006
- 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

jking0 Mar 06 2006 - 2:18pm
 X:\env\waste\BP_GEM\Sites\Niles\Sites\11107\Reports\Monitoring\Qtr. 1, 2006\Drawings\11107-1Q06-GW.dwg



VIA ARRIBA

HESPERIAN BOULEVARD

BOCKMAN ROAD

residential Bank parking Bank Property

residential

residential

residential

residential

residential

residential

residential

canopy

Dry Cleaners

UST Pit

Dispenser Islands

Station Building

MW-6
23.03
<50
<0.50
1.3

MW-5
23.01
<50
<0.50
0.61

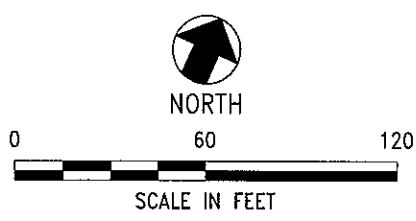
MW-4
23.26
<50
<0.50
0.58

MW-7
23.39
NS
NS
NS

MW-3
23.65
NS
NS
NS

MW-1
23.90
NS
NS
NS

MW-2
23.99
NS
NS
NS



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

EXPLANATION

- ◆ Monitoring well location
- WELL - Well designation
- ELEV - Groundwater elevation (ft MSL)
- 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)
- xx.xx - Groundwater elevation contour line (ft MSL)



Project No. 38487454
 Former BP Service Station #11107
 18501 Hesperian Boulevard
 San Lorenzo, California

**GROUNDWATER ELEVATION CONTOUR
 AND ANALYTICAL SUMMARY MAP**
 First Quarter 2006 (January 11, 2006)

FIGURE

1

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 (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	--	--	--	--	--	--	--	---	--	--	---	--

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 (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	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	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	---	--	--	---	--

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 (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	11/2/2001	--	--	40.56	17.62	--	22.94	--	--	--	--	--	--	--	--	--	--	--	--	
	8/6/2002	--	--	40.56	17.42	--	23.14	--	--	--	--	--	--	--	--	--	--	--	--	
	10/16/2002	--	--	40.56	17.74	--	22.82	--	--	--	--	--	--	--	--	--	--	--	--	
	1/13/2003	--	--	40.56	16.74	--	23.82	--	--	--	--	--	--	--	--	--	--	--	--	
	5/2/2003	--	--	40.56	17.00	--	23.56	--	--	--	--	--	--	--	--	--	--	--	--	
	7/11/2003	--	--	40.56	17.29	--	23.27	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/01/2003	--	--	40.56	17.59	--	22.97	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/11/2004	--	--	40.56	17.27	--	23.29	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2004	--	--	40.56	17.42	--	23.14	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/20/2005	--	--	40.56	16.77	--	23.79	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/19/2005	--	--	40.56	17.17	--	23.39	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/2006	--	--	40.56	16.57	--	23.99	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--		

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 (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	4/14/2000	--	--	40.45	17.09	--	23.36	--	--	--	--	--	--	--	---	--	--	---	--
	7/24/2000	--	--	40.45	17.44	--	23.01	--	--	--	--	--	--	--	---	--	--	---	--
	10/30/2000	--	--	40.45	17.29	--	23.16	--	--	--	--	--	--	--	---	--	--	---	--
	1/11/2001	--	--	40.45	17.49	--	22.96	--	--	--	--	--	--	--	---	--	--	---	--
	5/17/2001	--	--	40.45	17.45	--	23.00	--	--	--	--	--	--	--	---	--	--	---	--
	7/2/2001	--	--	40.45	17.70	--	22.75	--	--	--	--	--	--	--	---	--	--	---	--
	11/2/2001	--	--	40.45	17.82	--	22.63	--	--	--	--	--	--	--	---	--	--	---	--
	8/6/2002	--	--	40.45	17.62	--	22.83	--	--	--	--	--	--	--	---	--	--	---	--
	10/16/2002	--	--	40.45	17.82	--	22.63	--	--	--	--	--	--	--	---	--	--	---	--
	1/13/2003	--	--	40.45	16.95	--	23.50	--	--	--	--	--	--	--	---	--	--	---	--
	5/2/2003	--	--	40.45	17.26	--	23.19	--	--	--	--	--	--	--	---	--	--	---	--
	7/11/2003	--	--	40.45	17.44	--	23.01	--	--	--	--	--	--	--	---	--	--	---	--
	10/01/2003	--	--	40.45	17.72	--	22.73	--	--	--	--	--	--	--	---	--	--	---	--
	02/11/2004	--	--	40.45	17.41	--	23.04	--	--	--	--	--	--	--	---	--	--	---	--
	07/21/2004	--	--	40.45	17.60	--	22.85	--	--	--	--	--	--	--	---	--	--	---	--
	01/20/2005	--	--	40.45	16.98	--	23.47	--	--	--	--	--	--	--	---	--	--	---	--
	07/19/2005	--	--	40.45	17.38	--	23.07	--	--	--	--	--	--	--	---	--	--	---	--
	01/11/2006	--	--	40.45	16.80	--	23.65	--	--	--	--	--	--	--	---	--	--	---	--
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	--	--	--	--	--	--	--	--	--	--	---	--	--	---	--

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 (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	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	--	--	--	--
	4/23/1999	--	h	39.24	16.17	--	23.07	<50	<1.0	<1.0	1.8	1.3	1100/810	--	SPL	--	--	--	--
	7/20/1999	--	--	39.24	16.39	--	22.85	<50	<1.0	<1.0	<1.0	<1.0	590/480	--	SPL	--	--	--	--
	12/30/1999	--	--	39.24	16.56	--	22.68	<50	<0.5	<0.5	<0.5	<0.5	280/410	--	PACE	--	--	--	--
	2/29/2000	--	i	39.24	15.69	--	23.55	78	2	<0.5	0.77	2.8	870/1200	--	PACE	--	--	--	--
	4/14/2000	--	--	39.24	16.21	--	23.03	300	<0.5	<0.5	<0.5	<0.5	800	--	PACE	--	--	--	--
	7/24/2000	--	--	39.24	16.50	--	22.74	130	<0.5	<0.5	<0.5	<0.5	390/270	--	PACE	--	--	--	--
	10/30/2000	--	--	39.24	16.35	--	22.89	73	<0.5	<0.5	<0.5	<0.5	160/210	--	PACE	--	--	--	--
	1/11/2001	--	--	39.24	16.46	--	22.78	120	<0.5	<0.5	<0.5	<0.5	170/176	--	PACE	--	--	--	--
	5/17/2001	--	--	39.24	16.40	--	22.84	99	<0.5	<0.5	<0.5	<1.5	91/119	--	PACE	--	--	--	--
	7/2/2001	--	--	39.24	16.75	--	22.49	63	<0.5	<0.5	<0.5	<1.5	66/87.6	--	PACE	--	--	--	--
	11/2/2001	--	--	39.24	16.80	--	22.44	56	<0.5	<0.5	<0.5	<1.5	49.6	--	PACE	--	--	--	--
	8/6/2002	--	--	39.24	16.60	--	22.64	<50	<0.5	<0.5	<0.5	<1.5	14.4	--	PACE	--	--	--	--
	10/16/2002	--	--	39.24	16.86	--	22.38	<50	<0.50	<0.50	<0.50	<0.50	16	--	SEQ	--	--	--	--
	1/13/2003	--	--	39.24	16.13	--	23.11	<50	<0.50	<0.50	<0.50	<0.50	21	--	SEQ	--	--	--	--
	5/2/2003	--	--	39.24	16.38	--	22.86	<50	<0.50	<0.50	<0.50	<0.50	7.2	--	SEQ	--	--	--	--
	7/11/2003	--	--	39.24	16.50	--	22.74	<50	<0.50	<0.50	<0.50	<0.50	2.0/2.0	--	SEQ	--	--	--	--
	10/01/2003	--	--	39.24	16.75	--	22.49	<50	<0.50	<0.50	<0.50	<0.50	3.1	--	SEQM	--	--	--	--
	02/11/2004	P	--	39.24	16.35	--	22.89	<50	<0.50	<0.50	<0.50	<0.50	3.3	--	SEQM	6.9	--	--	--
	07/21/2004	P	--	39.24	16.68	--	22.56	<50	<0.50	<0.50	<0.50	<0.50	0.61	--	SEQM	6.9	--	--	--
	01/20/2005	P	--	39.24	16.08	--	23.16	<50	<0.50	<0.50	<0.50	<0.50	1.4	--	SEQM	6.5	--	--	--
	07/19/2005	P	--	39.24	16.50	--	22.74	<50	<0.50	<0.50	<0.50	<0.50	0.57	--	SEQM	7.4	--	--	--

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 (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	01/11/2006	P	--	39.24	15.98	--	23.26	<50	<0.50	<0.50	<0.50	<0.50	0.58	--	SEQM	6.9	--	--	--
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	--	--	---	--
	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	P	--	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	--	--	--

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Well No.	Date	P/ NP	Foot Note	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	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	--	--	--
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	--	--	---	--
	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	--	--	---	--

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 (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	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	--	--	--
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	--	--	---	--
	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	--	--	--	--	--	--	--	---	--	--	---	--	

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 (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	GWE (ft MSL)	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	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	--	--	--	--	--	--	--	--	--	--	--	--
	07/19/2005	--	--	39.50	16.47	--	23.03	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/2006	--	--	39.50	16.11	--	23.39	--	--	--	--	--	--	--	--	--	--	--	--
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:

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

Table 1
Groundwater Elevation and Analytical Data
Former BP Station #11107
18501 Hesperian Blvd., San Lorenzo, CA

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.
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.

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
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		
MW-5	7/20/1999	--	<500	490/470	<10	<10	<10	--	--	
	12/30/1999	--	--	470/550	<10	<10	<10	--	--	
	2/29/2000	--	--	190/280	<5.0	<5.0	<5.0	<5.0	<5.0	
	4/14/2000	--	--	200/240	<5.0	<5.0	<5.0	--	--	
	7/24/2000	--	<50	630/570	<5.0	<5.0	<5.0	--	--	
	10/30/2000	--	<100	260/360	<10	<10	<10	--	--	
	1/11/2001	--	110	540/585	<1.0	<1.0	<1.0	<1.0	<1.0	
	5/17/2001	--	31	320/419	<1.0	<1.0	<1.0	--	--	
	7/2/2001	--	<10	290/264	<1.0	<1.0	<1.0	--	--	
	7/11/2003	<100	<20	19/19	<0.50	<0.50	<0.50	--	--	
	10/01/2003	<100	<20	17	<0.50	<0.50	<0.50	--	--	
	02/11/2004	<100	<20	35	<0.50	<0.50	<0.50	<0.50	<0.50	
	07/21/2004	<100	<20	8.3	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/20/2005	<100	<20	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	a
07/19/2005	<100	<20	0.76	<0.50	<0.50	<0.50	<0.50	<0.50		
01/11/2006	<300	<20	0.61	<0.50	<0.50	<0.50	<0.50	<0.50		

Table 2

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	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	

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

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.

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
7/19/2005	West-Northwest	0.005
1/11/2006	West-Northwest	0.006

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 # 060111-MT1 Date 1/11/06 Client 11107

Site 18501 Hesperian Blvd., 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					17.17	30.77	1 GO
MW-2	2					16.57 16.80	24.92 25.19	2 GO
MW-3	2					16.80	25.19	3 GO
MW-4	2					15.98	25.21	5
MW-5	2					16.21	22.78	7
MW-6	2					15.43	24.93	6
MW-7	2					16.11	24.47	4 GO

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>060111-MT1</u>	Station # <u>11107</u>
Sampler: <u>MT, JD</u>	Date: <u>01/11/06</u>
Well I.D.: <u>MW-4</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>25.21</u>	Depth to Water: <u>15.98</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</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 Sampling Method: Bailer
Disposable Bailer Disposable Bailer
 Positive Air Displacement Extraction Port
 Electric Submersible
 Extraction Pump
 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>1.5</u>	x	<u>3</u>	=	<u>4.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
<u>09210</u>	<u>67.4</u>	<u>6.7</u>	<u>630</u>	<u>1.5</u>	
<u>0928</u>	<u>67.7</u>	<u>6.9</u>	<u>628</u>	<u>3</u>	
<u>0930</u>	<u>67.9</u>	<u>6.9</u>	<u>628</u>	<u>4.5</u>	

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Time: 0935 Sampling Date: 01/11/06

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

Analyzed for: GRC BTEX MTBE DRO Oxy's H₂-DCP EDB Ethano 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>060111-MT1</u>	Station # <u>11107</u>
Sampler: <u>MT, SD</u>	Date: <u>01/11/06</u>
Well I.D.: <u>MW-5</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>22.78</u>	Depth to Water: <u>16.21</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: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> 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.

$\frac{1.0}{1.1} \times 3 = 3.3$ 1 Case Volume (Gals.) Specified Volumes Calculated Volume
--

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
0947	66.4	7.0	642	1.1	clear
0949	67.2	6.9	649	2.2	cloudy
0951	67.5	6.9	650	3.3	cloudy

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>3.3</u>
Sampling Time: <u>0957</u>	Sampling Date: <u>01/11/06</u>
Sample I.D.: <u>MW-5</u>	Laboratory: Pace <u>Sequon</u> Other _____

Analyzed for: <input checked="" type="checkbox"/> GRO <input checked="" type="checkbox"/> BTE <input type="checkbox"/> MTBE <input type="checkbox"/> DRO <input checked="" type="checkbox"/> Oxy's <input checked="" type="checkbox"/> 1,2-DCA <input checked="" type="checkbox"/> EDB <input checked="" type="checkbox"/> 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>060111-MT1</u>	Station # <u>11107</u>
Sampler: <u>MT, SD</u>	Date: <u>01/11/06</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>6</u> 3 4 6 8 _____
Total Well Depth: <u>24.93</u>	Depth to Water: <u>15.43</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 Sampling Method: Bailer
 Disposable Bailer Disposable Bailer
 Positive Air Displacement Extraction Port
 Electric Submersible Other: _____
 Extraction Pump
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>1.5</u>	x	<u>3</u>	=	<u>4.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
1016	65.2	7.0	653	1.5	cloudy, brown
1018	66.8	7.0	651	3.0	" "
1020	66.7	7.0	653	4.5	" "

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Time: 1026 1030 Sampling Date: 01/11/06

Sample I.D.: MW-6 Laboratory: Pace Sequidia Other _____

Analyzed for: JRC BTEX MTBE DRO Day's 1,2-DCA EDB Formal 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:

11107

Station #

18501 Hesperian Blvd. San Lorenzo

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

12 gallons

added equip.
rinse water

1 gallon

any other
adjustments

0

TOTAL GALS.
RECOVERED

13 gallons

loaded onto
BTS vehicle #

63

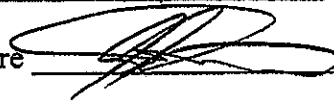
BTS event # 060111-MT1

time date

011120 011106-MTH

1100 01 10 106

signature



REC'D AT

time date

unloaded by
signature

1 1

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.



9 February, 2006

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

RE: BP Heritage #11107, San Lorenzo, CA
Work Order: MPA0783

Enclosed are the results of analyses for samples received by the laboratory on 01/12/06 16:07. 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-0016
Project Manager:Lynelle Onishi

MPA0783
Reported:
02/09/06 18:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	MPA0783-01	Water	01/11/06 09:35	01/12/06 16:07
MW-5	MPA0783-02	Water	01/11/06 09:57	01/12/06 16:07
MW-6	MPA0783-03	Water	01/11/06 10:30	01/12/06 16:07
TB-11107-01112006	MPA0783-04	Water	01/11/06 00:00	01/12/06 16:07

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.



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

Project:BP Heritage #11107, San Lorenzo, CA
Project Number:G07TC-0016
Project Manager:Lynelle Onishi

MPA0783
Reported:
02/09/06 18:18

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MPA0783-01) Water Sampled: 01/11/06 09:35 Received: 01/12/06 16:07									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6A24041	01/24/06	01/25/06	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	0.58	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		122 %	60-135	"	"	"	"	"	
MW-5 (MPA0783-02) Water Sampled: 01/11/06 09:57 Received: 01/12/06 16:07									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6A24041	01/24/06	01/25/06	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	0.61	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		117 %	60-135	"	"	"	"	"	



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

Project:BP Heritage #11107, San Lorenzo, CA
Project Number:G07TC-0016
Project Manager:Lynelle Onishi

MPA0783
Reported:
02/09/06 18:18

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MPA0783-03) Water Sampled: 01/11/06 10:30 Received: 01/12/06 16:07									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6A24041	01/24/06	01/25/06	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	1.3	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>120 %</i>	<i>60-135</i>						

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

 Project:BP Heritage #11107, San Lorenzo, CA
 Project Number:G07TC-0016
 Project Manager:Lynelle Onishi

 MPA0783
 Reported:
 02/09/06 18:18

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
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Batch 6A24041 - EPA 5030B P/T / EPA 8260B
Blank (6A24041-BLK1)

Prepared: 01/24/06 Analyzed: 01/25/06

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.76		"	2.50		110	60-135			

Laboratory Control Sample (6A24041-BS1)

Prepared: 01/24/06 Analyzed: 01/25/06

tert-Amyl methyl ether	14.7	0.50	ug/l	16.3		90	80-115			
Benzene	5.59	0.50	"	5.04		111	65-115			
tert-Butyl alcohol	157	20	"	169		93	75-150			
Di-isopropyl ether	16.6	0.50	"	16.2		102	75-125			
1,2-Dibromoethane (EDB)	16.4	0.50	"	16.6		99	85-120			
1,2-Dichloroethane	18.2	0.50	"	15.5		117	85-130			
Ethanol	186	300	"	165		113	70-135			
Ethyl tert-butyl ether	15.9	0.50	"	16.4		97	75-130			
Ethylbenzene	7.40	0.50	"	7.28		102	75-135			
Methyl tert-butyl ether	7.41	0.50	"	7.84		95	65-125			
Toluene	39.4	0.50	"	38.0		104	85-120			
Xylenes (total)	43.4	0.50	"	40.8		106	85-125			
Gasoline Range Organics (C4-C12)	493	50	"	440		112	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.88		"	2.50		115	60-135			

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

 Project:BP Heritage #11107, San Lorenzo, CA
 Project Number:G07TC-0016
 Project Manager:Lynelle Onishi

 MPA0783
 Reported:
 02/09/06 18:18

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
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Batch 6A24041 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6A24041-MS1)	Source: MPA0689-03			Prepared: 01/24/06		Analyzed: 01/25/06				
tert-Amyl methyl ether	297	10	ug/l	326	ND	91	80-115			
Benzene	108	10	"	101	ND	107	65-115			
tert-Butyl alcohol	6090	400	"	3380	2700	100	75-120			
Di-isopropyl ether	331	10	"	325	ND	102	75-125			
1,2-Dibromoethane (EDB)	331	10	"	333	ND	99	85-120			
1,2-Dichloroethane	362	10	"	310	ND	117	85-130			
Ethanol	4650	6000	"	3300	ND	141	70-135			LM
Ethyl tert-butyl ether	321	10	"	328	ND	98	75-130			
Ethylbenzene	142	10	"	146	ND	97	75-135			
Methyl tert-butyl ether	767	10	"	157	740	17	65-125			BB, LN
Toluene	764	10	"	760	ND	101	85-120			
Xylenes (total)	837	10	"	816	ND	103	85-125			
Gasoline Range Organics (C4-C12)	9870	1000	"	8800	600	105	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>2.85</i>		<i>"</i>	<i>2.50</i>		<i>114</i>	<i>60-135</i>			

Matrix Spike Dup (6A24041-MSD1)	Source: MPA0689-03			Prepared: 01/24/06		Analyzed: 01/25/06				
tert-Amyl methyl ether	292	10	ug/l	326	ND	90	80-115	2	15	
Benzene	108	10	"	101	ND	107	65-115	0	20	
tert-Butyl alcohol	6460	400	"	3380	2700	111	75-120	6	25	
Di-isopropyl ether	329	10	"	325	ND	101	75-125	0.6	15	
1,2-Dibromoethane (EDB)	323	10	"	333	ND	97	85-120	2	15	
1,2-Dichloroethane	355	10	"	310	ND	115	85-130	2	20	
Ethanol	4880	6000	"	3300	ND	148	70-135	5	35	LM
Ethyl tert-butyl ether	313	10	"	328	ND	95	75-130	3	25	
Ethylbenzene	147	10	"	146	ND	101	75-135	3	15	
Methyl tert-butyl ether	759	10	"	157	740	12	65-125	1	20	BB, LN
Toluene	764	10	"	760	ND	101	85-120	0	20	
Xylenes (total)	860	10	"	816	ND	105	85-125	3	20	
Gasoline Range Organics (C4-C12)	10000	1000	"	8800	600	107	60-140	1	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>2.71</i>		<i>"</i>	<i>2.50</i>		<i>108</i>	<i>60-135</i>			



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

Project:BP Heritage #11107, San Lorenzo, CA
Project Number:G07TC-0016
Project Manager:Lynelle Onishi

MPA0783
Reported:
02/09/06 18:18

Notes and Definitions

LM MS and/or MSD above acceptance limits. See Blank Spike(LCS).
BB,LN Sample > 4x spike concentration.
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 > HistoricalBL
 State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Francisco
 Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: <u>0800</u>	Temp: <u>60°</u>
Off-site Time: <u>1100</u>	Temp: <u>65°</u>
Sky Conditions: <u>CLOUDY</u>	
Meteorological Events: <u>LIGHT RAIN</u>	
Wind Speed: <u>—</u>	Direction: <u>—</u>

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 945</u>	Address: <u>1333 Broadway, Suite 800</u> <u>Oakland, CA 94612</u>
Lab PM: <u>Lisa Race / Kate Min</u>	California Global ID No.: <u>T0600101665</u>	Consultant/Contractor Project No.: <u>38487122</u>
Tele/Fax: <u>408.782.8156 / 408.782.6308</u>	Enfos Project No.: <u>G07TC-0016</u>	Consultant/Contractor PM: <u>Lynelle Onishi</u>
BP/AR PM Contact: <u>Kyle Christie</u>	Provision or RCOP: <u>Provision</u>	Tele/Fax: <u>510.874.1758 / 510.874.3268</u>
Address: <u>4 Centerpointe Dr.</u> <u>La Palma, CA 90623</u>	Phase/WBS: <u>04 - Mon/Remed by Natural Attenuation</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
Tele/Fax: <u>(714) 670-5303 / (714) 670-5195</u>	Sub Phase/Task: <u>03 - Analytical</u>	E-mail EDD To: <u>Rachel Lindvall@urscorp.com</u>
	Cost Element: <u>05 - Subcontracted Costs</u>	Invoice to: <u>Atlantic Richfield Company</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 (\$260)	MTBE, TAME, ETBE	DIPE, TBA (\$260)	EDB, 1,2-DCA (\$260)	Ethanol (\$260)						
1	MW-4	0935	01/11/06		W		61	3			X		X	X	X									
2	MW-5	0957	01/11/06		W		62	3			X		X	X	X									
3	MW-6	1030	01/11/06		W		63	3			X		X	X	X									
4	TD-11107-01112006		01/11/06		W		64	2			X													ON HOLD
5																								
6																								
7																								
8																								
9																								
10																								

Sampler's Name: <u>Wain J. Denis</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>01/11/06</u>	Time: <u>1424</u>	Accepted By / Affiliation: <u>[Signature] SAMPLE CUSTODIAN</u>	Date: <u>01/11/06</u>	Time: <u>1424</u>
Sampler's Company: <u>Blaine Tech Services</u>	Relinquished By / Affiliation: <u>[Signature] SAMPLE CUSTODIAN</u>	Date: <u>11/26/06</u>	Time: <u>1024</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>11/26/06</u>	Time: <u>1024</u>
Shipment Date: <u>11/26/06</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>11/26/06</u>	Time: <u>1607</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>12-06</u>	Time: <u>1607</u>
Shipment Method: <u>[Signature]</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>11/26/06</u>	Time: <u>1607</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>12-06</u>	Time: <u>1607</u>
Shipment Tracking No: <u>[Signature]</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>11/26/06</u>	Time: <u>1607</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>12-06</u>	Time: <u>1607</u>

Special Instructions: _____

Custody Seals In Place Yes No Temp Blank Yes No Cooler Temperature on Receipt 3.0 °F/C Trip Blank Yes No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS 11107
 REC. BY (PRINT) E. Fallin
 WORKORDER: MPA 07-83

DATE REC'D AT LAB: 1/12/06
 TIME REC'D AT LAB: 16:07
 DATE LOGGED IN: 1/14/06

For Regulatory Purposes?
 DRINKING WATER YES / NO
 WASTE WATER 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="checkbox"/> Absent Intact / Broken*									<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> <p>DEF 1/12/06</p> <p>SEE COC</p> </div>
2. Chain-of-Custody Present / <input checked="" type="checkbox"/> Absent*									
3. Traffic Reports or Packing List: Present / <input checked="" type="checkbox"/> Absent									
4. Airbill: Airbill / Sticker Present / <input checked="" type="checkbox"/> 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 / <input checked="" type="checkbox"/> No*									
10. Sample received within hold time? Yes / <input checked="" type="checkbox"/> No*									
11. Adequate sample volume received? Yes / <input checked="" type="checkbox"/> No*									
12. Proper preservatives used? Yes / <input checked="" type="checkbox"/> No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / <input checked="" type="checkbox"/> No*									
14. Read Temp: <u>3.6°C</u> Corrected Temp: <u>3.2°C</u> Is corrected temp 4 +/- 2°C? Yes / <input checked="" type="checkbox"/> No**									

(Acceptance range for samples requiring thermal pres.)
 **Exception (if any): METALS / DFF ON or Problem COC

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

ATTACHMENT C

**ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL
CONFIRMATION**

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SUCCESSFUL GEO_WELL CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	3/6/2006 2:25:25 PM

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UPLOADING A GEO_WELL FILE

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Your file has been successfully submitted!**

Submittal Title: 1Q 2006 BP/ARCO 11107
GEOWELL

Submittal Date/Time: 3/6/2006 2:27:14 PM

**Confirmation
Number:** 3518720865

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SUCCESSFUL EDF CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	3/6/2006 2:28:19 PM
<u>GLOBAL ID:</u>	T0600101665
<u>FILE UPLOADED:</u>	BP#11107-EDF-MPA0783.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	<u>Regional Board - Case #: 01-1797</u> SAN FRANCISCO BAY RWQCB (REGION 2) - (RDB) <u>Local Agency (lead agency) - Case #: 780</u> 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-	Y
---	---

135%		
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
<u>SOIL SAMPLES FOR 8021/8260 SERIES</u>		
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
<u>FIELD QC SAMPLES</u>		
<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 7339036226
Date/Time of Submittal: 3/6/2006 2:29:00 PM
Facility Global ID: T0600101665
Facility Name: BP
Submittal Title: 1Q 2006 BP/ARCO 11107 EDF
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
7339036226	1Q 2006 BP/ARCO 11107 EDF	Q1 2006
SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	3/6/2006	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
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%	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

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