Atlantic Richfield Company
(a BP affiliated company)

6 Centerpointe Drive, Room 172
La Palma, CA 90623-1066
Phone: (714) 670-5303
Fax: (714) 670-5195

August 25, 2005

Re: Third Quarter 2005 Groundwater Monitoring Report
Former BP Service Station #11102
100 MacArthur Boulevard
Oakland, California
ACEH Case# RO0000456

"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:

Kyle Christie
Environmental Business Manager

URS

August 25, 2005

Ms. Donna Drogas
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-8577

Re: Third Quarter 2005 Groundwater Monitoring Report
Former BP Service Station #11102
100 MacArthur Boulevard
Oakland, California
ACEH Case # RO0000456

Dear Ms. Drogas:

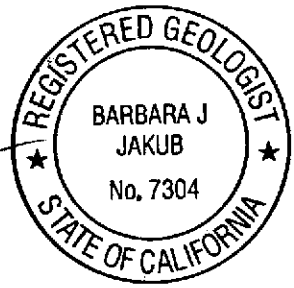
On behalf of the Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Third Quarter 2005 Groundwater Monitoring Report* for Former BP Service Station #11102, located at 100 MacArthur Boulevard, Oakland, California.

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

Sincerely,
URS CORPORATION

Lynelle Onishi
Project Manager

Barbara J. Jakub, P.G.
Senior Geologist



Enclosure: Third Quarter 2005 Groundwater Monitoring Report

cc: Mr. Kyle Christie, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Ms. Shelby Lathrop, ConocoPhillips, electronic copy uploaded to URS ftp server
Mr. Chris Jimmerson, Delta Environmental Consultants, electronic copy uploaded to ENFOS

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

REPORT

THIRD QUARTER 2005 GROUNDWATER MONITORING REPORT

FORMER BP SERVICE STATION #11102
100 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

Prepared for
RM

August 25, 2005

URS
URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: August 25, 2005

Quarter: 3Q 05

THIRD QUARTER 2005 GROUNDWATER MONITORING REPORT

Facility No.:	11102	Address:	100 MacArthur Boulevard, Oakland, CA
RM Environmental Business Manager:			Kyle Christie
Consulting Co./Contact Person:			URS Corporation/ Lynelle Onishi
Primary Agency			Alameda County Environmental Health (ACEH)
Primary Agency Case #:			RO0000456

WORK PERFORMED THIS QUARTER (Third – 2005):

1. Performed the third quarter 2005 groundwater monitoring event on July 11, 2005.
2. Prepared and submitted this Third Quarter 2005 Groundwater Monitoring Report.
3. Completed on-site field activities proposed in the April 28, 2005 Revised Soil and Groundwater Investigation Workplan (Workplan) and approved by ACEH on May 4, 2005. The proposed off-site scope of work was not completed because the Caltrans permit had not been received.
4. Prepared and submitted the Soil and Groundwater Investigation Report documenting the on-site scope of work completed.

WORK PROPOSED FOR NEXT QUARTER (Fourth – 2005):

1. Perform the fourth quarter 2005 groundwater monitoring event.
2. Prepare and submit the Fourth Quarter 2005 groundwater monitoring report.
3. Complete off-site field activities proposed in the April 28, 2005 Revised Soil and Groundwater Investigation Workplan.

Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	Wells MW-1 through MW-3 quarterly
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	No
Current Remediation Techniques:	None
Approximate Depth to Groundwater:	9.27 (MW-1) to 11.25 (MW-2) feet
Groundwater Gradient (direction):	West-southwest
Groundwater Gradient (magnitude):	0.06 feet per foot

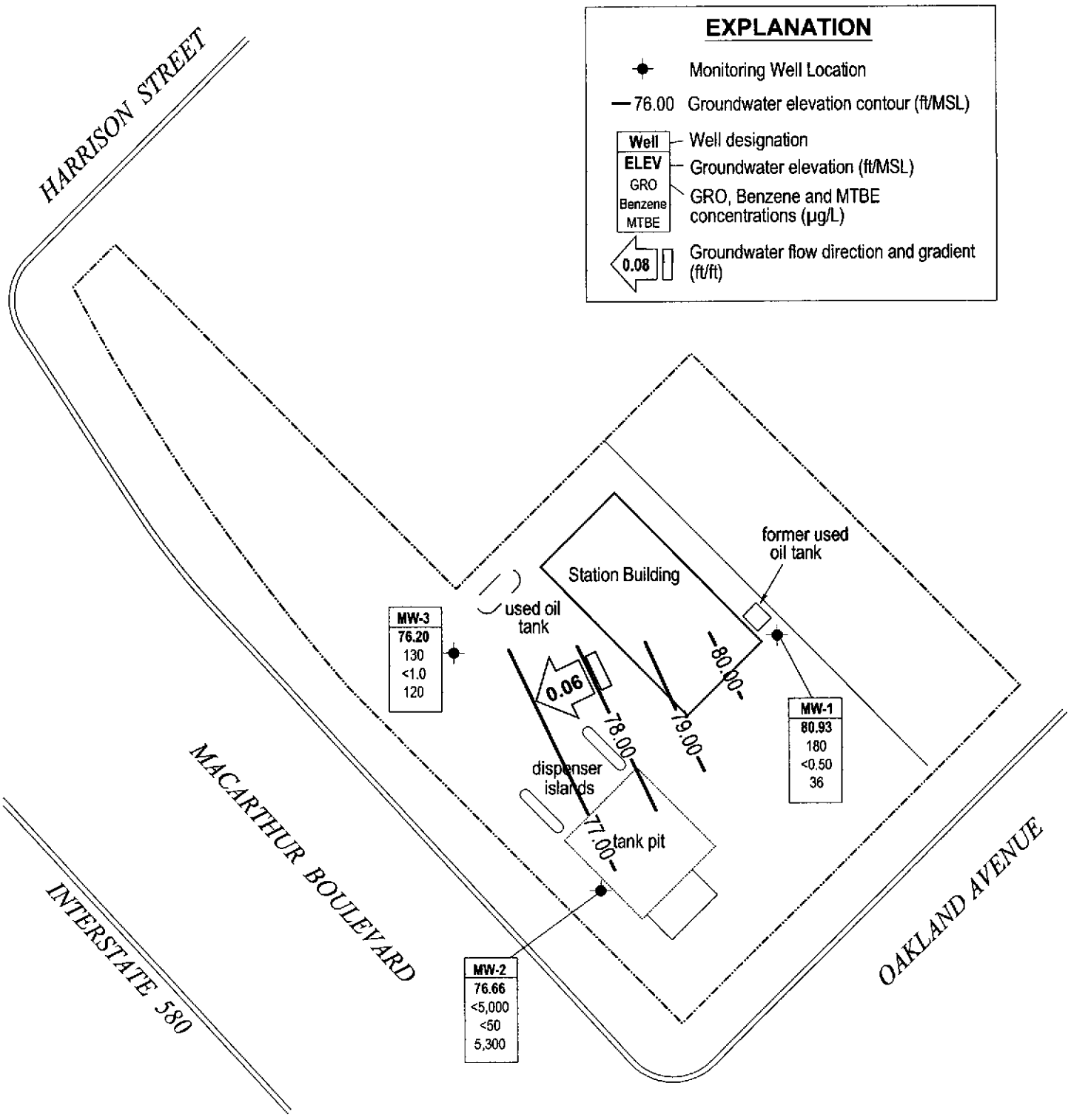
DISCUSSION:

Gasoline range organics were detected at or above the laboratory reporting limit in two of the three wells sampled this quarter at concentrations of 130 micrograms per liter (µg/L) (MW-3) and 180 µg/L (MW-1). Methyl tert-butyl ether was detected at or above the laboratory reporting limit in all three wells at concentrations ranging from 36 µg/L (MW-1) to 5,300 µg/L (MW-2). Tert-butyl alcohol was detected at or above the laboratory reporting limit in two wells at concentrations of 550 µg/L (MW-1) and 9,000 µg/L (MW-2). Tert-amyl methyl ether was detected

at or above the laboratory reporting limit in two wells at concentrations of 1.4 µg/L (MW-3) and 99 µg/L (MW-2). 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 – July 11, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical 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 Confirmations



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

URS	Project No. 38487244 Former BP Service Station #11102 100 MacArthur Boulevard Oakland, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Third Quarter 2005 (July 11, 2005)	FIGURE 1

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Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11102

100 MacArthur Blvd., Oakland, 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	11/4/1989	--	--	90.20	13.21	--	76.99	<500	3.4	0.6	<0.3	<0.3	--	--	SAL	--	<50	<5000	---
	11/11/1989	--	--	90.20	13.32	--	76.88	--	--	--	--	--	--	--	---	--	--	---	---
	4/3/1990	--	--	90.20	12.46	--	77.74	820	64	1.9	23	34	--	--	ANA	--	--	---	---
	7/30/1990	--	--	90.20	12.92	--	77.28	190	11	<5.0	<5.0	<5.0	--	--	ANA	--	<50	<5000	---
	11/20/1990	--	--	90.20	14.08	--	76.12	50	2.4	<0.3	<0.3	<0.3	--	--	SAL	--	79	<5000	---
	3/1/1991	--	--	90.20	13.61	--	76.59	<100	0.9	<0.3	<0.3	0.3	--	--	SAL	--	<1000	14,000	---
	8/19/1991	--	--	90.20	15.74	--	74.46	370	35	0.73	6.4	5.6	--	--	SEQ	--	<50	<5000	---
	11/13/1991	--	--	90.20	14.08	--	76.12	60	0.68	<0.3	<0.3	<0.3	--	--	SEQ	--	<50	<5000	---
	2/24/1992	--	--	90.20	12.52	--	77.68	140	3.9	0.66	1.2	3.8	--	--	SEQ	--	100	<5000	---
	5/19/1992	--	--	90.20	11.80	--	78.40	4,200	440	21	250	37	--	--	SEQ	--	910	<5000	---
	6/17/1992	--	--	90.20	12.01	--	78.19	4,000	350	14	150	17	--	--	SEQ	--	560	<5000	---
	7/22/1992	--	--	90.20	12.42	--	77.78	4,000	<5.0	19	210	61	--	--	ANA	--	--	---	---
	8/14/1992	--	--	90.20	12.75	--	77.45	2,400	330	20	150	47	--	--	SEQ	--	1,700	<5000	---
	11/11/1992	--	--	90.20	13.69	--	76.51	260	30	3.4	7.6	6.8	--	--	ANA	--	92	<5000	---
	6/7/1993	--	c	90.20	--	--	--	3,700	120	12	26	9.5	--	--	PACE	--	--	---	---
	6/7/1993	--	--	90.20	10.93	--	79.27	3,400	98	11	21	7.6	--	--	PACE	--	440	---	---
	12/2/1993	--	--	90.20	12.72	--	77.48	1,100	8.3	3.6	0.6	1.5	--	--	PACE	--	120	<5000	---
	6/22/1994	--	c	90.20	--	--	--	2,100	30	3.2	2	15	2,000 d	--	PACE	--	--	---	---
	6/22/1994	--	--	90.20	11.81	--	78.39	2,100	32	3.8	2.2	17	4,000 d	3.2	PACE	--	<50	<5000	---
	1/10/1995	--	c	90.20	--	--	--	<500	120	<5	5	<10	--	--	ATI	--	--	---	---
	1/10/1995	--	--	90.20	10.97	--	79.23	<500	120	<5	<5	<10	--	3.9	ATI	--	420	---	---
	6/21/1995	--	c,e	90.20	--	--	--	3,600	<13	<5.0	<5.0	<10	--	--	ATI	--	--	---	---
	6/21/1995	--	--	90.20	9.38	--	80.82	4,700	16	<5.0	<5.0	<10	--	6.7	ATI	--	1,300	2,900	0.6
	12/27/1995	--	--	90.20	11.55	--	78.65	430	<2.5	<2.5	<2.5	<5.0	1,200	6.3	ATI	--	2,100	640	---
	6/13/1996	--	--	90.20	9.28	--	80.92	3,200	51	<12	<12	<12	4,000	6.3	SPL	--	920	2,000	---
	12/4/1996	--	f	90.20	11.91	--	78.29	1,400	6.2	<5	<5	<5	2,600	6.7	SPL	--	280	2,000	6
	6/10/1997	--	c	90.20	--	--	--	7,700	14	<25	<25	<25	13,000	--	SPL	--	--	---	---
	6/10/1997	--	--	90.20	8.97	--	81.23	7,900	12	<10	<10	<10	15,000	6	SPL	--	1,700	<5	ND
	12/12/1997	--	--	90.20	11.37	--	78.83	440	8.8	<1.0	2.6	9.4	6,700	5.5	SPL	--	760	1,200	ND
	6/18/1998	--	--	90.20	8.02	--	82.18	7,500	<2.5	<5.0	<5.0	<5.0	5,600	4.9	SPL	--	2,900	<5	ND
	3/9/1999	--	--	90.20	9.80	--	80.40	32,000	100	16	72	110	49,000	--	SPL	--	--	---	---
	9/28/1999	--	--	90.20	10.78	--	79.42	1,000	<5.0	<5.0	<5.0	<5.0	730	--	SPL	--	--	---	<1.0
	10/14/1999	--	--	90.20	10.84	--	79.36	--	--	--	--	--	--	--	SPL	--	660	---	---
	3/27/2000	--	--	90.20	9.83	--	80.37	4,300	160	19	37	43	28,000	--	PACE	--	--	---	---
	9/28/2000	--	--	90.20	11.33	--	78.87	2,700	10	2.6	1.1	2.7	28,000	--	PACE	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11102
100 MacArthur Blvd., Oakland, 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	3/8/2001	--	--	90.20	10.96	--	79.24	8,200	23.5	6.09	5.23	8.97	11,600	--	PACE	--	--	---	---
	9/21/2001	--	--	90.20	12.07	--	78.13	6,000	37.9	<0.5	<0.5	<1.5	7,370	--	PACE	--	--	---	---
	2/28/2002	--	--	90.20	10.48	--	79.72	6,400	60.8	<5.0	6.43	<10	7,750	--	PACE	--	--	---	---
	9/6/2002	--	--	90.20	11.20	--	79.00	1,400	<5.0	<5.0	<5.0	<5.0	6,000	--	SEQ	--	--	---	---
	2/19/2003	--	h	90.20	11.29	--	78.91	<10000	<100	110	<100	<100	4,500	--	SEQ	--	--	---	---
	7/14/2003	--	--	90.20	11.18	--	79.02	710	11	<10	<10	<10	940	--	SEQ	--	--	---	---
	01/14/2004	--	--	90.20	11.74	--	78.46	<500	<5.0	<5.0	<5.0	<5.0	220	--	SEQM	6.6	--	--	--
	04/23/2004	P	I	90.20	11.95	--	78.25	470	3.4	<2.5	<2.5	<2.5	150	--	SEQM	6.7	--	--	--
	07/01/2004	P	--	90.20	11.52	--	78.68	360	<2.5	<2.5	<2.5	<2.5	96	--	SEQM	6.0	--	--	--
	10/28/2004	P	--	90.20	12.56	--	77.64	390	0.94	<0.50	<0.50	<0.50	43	--	SEQM	6.2	--	--	--
	01/10/2005	P	--	90.20	11.85	--	78.35	490	17	<2.5	5.8	5.4	85	--	SEQM	7.6	--	--	--
	04/13/2005	P	--	90.20	10.00	--	80.20	1,000	27	<2.5	<2.5	25	48	--	SEQM	6.6	--	--	--
	07/11/2005	**P**	**--**	**90.20**	**9.27**	**--**	**80.93**	**180**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**36**	**--**	**SEQM**	**7.7**	**--**	**--**	**--**
MW-2	11/4/1989	--	--	87.91	15.84	--	72.07	<500	6.5	<0.3	<0.3	<0.3	--	--	SAL	--	--	---	---
	11/11/1989	--	--	87.91	14.75	--	73.16	--	--	--	--	--	--	--	---	--	--	---	---
	4/3/1990	--	--	87.91	15.25	--	72.66	<500	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	7/30/1990	--	--	87.91	15.59	--	72.32	61	6.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	11/20/1990	--	--	87.91	17.81	--	70.10	<50	0.3	<0.3	<0.3	<0.3	--	--	SAL	--	--	---	---
	3/1/1991	--	--	87.91	17.11	--	70.80	<100	0.4	<0.3	<0.3	<0.3	--	--	SAL	--	--	---	---
	8/19/1991	--	--	87.91	17.97	--	69.94	<30	<0.3	<0.3	<0.3	<0.3	--	--	SEQ	--	--	---	---
	11/13/1991	--	--	87.91	16.76	--	71.15	38	0.32	<0.3	<0.3	<0.3	--	--	SEQ	--	--	---	---
	2/24/1992	--	--	87.91	15.07	--	72.84	<50	<0.5	<0.5	<0.5	0.58	--	--	SEQ	--	--	---	---
	5/19/1992	--	--	87.91	14.70	--	73.21	<50	0.55	<0.5	<0.5	<0.5	--	--	SEQ	--	--	---	---
	7/22/1992	--	--	87.91	15.60	--	72.31	90	1.3	0.6	0.9	1.9	--	--	ANA	--	--	---	---
	8/14/1992	--	--	87.91	15.88	--	72.03	--	--	--	--	--	--	--	---	--	--	---	---
	11/11/1992	--	c	87.91	--	--	--	65	3.2	<0.5	<0.5	1	--	--	ANA	--	--	---	---
	11/11/1992	--	--	87.91	16.19	--	71.72	52	2.8	<0.5	<0.5	0.9	--	--	ANA	--	--	---	---
	6/7/1993	--	--	87.91	14.42	--	73.49	1,200	14	2.8	1.9	1.71	--	--	PACE	--	--	---	---
	12/2/1993	--	c	87.91	--	--	--	2,100	32	3.8	2.2	17	3,700 d	--	PACE	--	--	---	---
	12/2/1993	--	--	87.91	14.94	--	72.97	790	3.4	0.5	10	<0.5	3,700 d	--	PACE	--	--	---	---
	6/22/1994	--	--	87.91	14.25	--	73.66	110	<0.5	<0.5	<0.5	<0.5	120 d	3.9	PACE	--	--	---	---
	1/10/1995	--	--	87.91	13.64	--	74.27	<50	<0.5	<0.5	0.6	1	--	4.3	ATI	--	--	---	---
	6/21/1995	--	--	87.91	11.66	--	76.25	4,700	<10	<10	<10	<20	--	7.8	ATI	--	--	---	---
	12/27/1995	--	c	87.91	--	--	--	6,300	<25	<25	<25	<50	19,000	--	ATI	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11102

100 MacArthur Blvd., Oakland, 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	12/27/1995	--	--	87.91	13.11	--	74.80	6,100	<25	<25	<25	<50	20,000	6.7	ATI	--	--	---	---
	6/13/1996	--	c	87.91	--	--	--	8,700	<5	<5	<5	<5	13,000	--	SPL	--	--	---	---
	6/13/1996	--	--	87.91	10.86	--	77.05	8,300	<2.5	<2.5	<2.5	<2.5	13,000	6.5	SPL	--	--	---	---
	12/4/1996	--	c	87.91	--	--	--	5,900	<2.5	<5	<5	<5	11,000	--	SPL	--	--	---	---
	12/4/1996	--	--	87.91	13.03	--	74.88	5,900	<2.5	<5	<5	<5	11,000	6.3	SPL	--	--	---	---
	6/10/1997	--	--	87.91	10.04	--	77.87	<50	<0.5	<1.0	<1.0	<1.0	<10	5.8	SPL	--	--	---	---
	12/12/1997	--	--	87.91	12.44	--	75.47	<50	<0.5	<1.0	<1.0	<1.0	<10	5.7	SPL	--	--	---	---
	6/18/1998	--	c	87.91	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	--	SPL	--	--	---	---
	6/18/1998	--	--	87.91	8.89	--	79.02	50	<0.5	<1.0	<1.0	<1.0	<10	5.3	SPL	--	--	---	---
	3/9/1999	--	--	87.91	10.20	--	77.71	15,000	<5.0	<5.0	<5.0	<5.0	23,000	--	SPL	--	--	---	---
	9/28/1999	--	--	87.91	11.81	--	76.10	36,000	<5.0	12	7	26	35,000	--	SPL	--	--	---	<5.0
	10/14/1999	--	--	87.91	10.27	--	77.64	--	--	--	--	--	--	--	SPL	--	100	---	---
	3/27/2000	--	--	87.91	9.98	--	77.93	1,300	<0.5	<0.5	0.51	<0.5	5,800	--	PACE	--	--	---	---
	9/28/2000	--	--	87.91	11.40	--	76.51	1,600	1.8	1.7	0.54	2.2	15,000	--	PACE	--	--	---	---
	3/8/2001	--	--	87.91	11.16	--	76.75	20,000	<0.5	<0.5	<0.5	<0.5	29,100	--	PACE	--	--	---	---
	9/21/2001	--	--	87.91	11.65	--	76.26	5,000	<0.5	<0.5	<0.5	<1.5	6,110	--	PACE	--	--	---	---
	2/28/2002	--	--	87.91	9.86	--	78.05	3,200	35.1	<0.5	<0.5	<1.0	4,620	--	PACE	--	--	---	---
	9/6/2002	--	--	87.91	12.32	--	75.59	1,900	<10	<10	<10	<10	15,000	--	SEQ	--	--	---	---
	2/19/2003	--	h	87.91	11.63	--	76.28	45,000	<250	<250	<250	<250	32,000	--	SEQ	--	--	---	---
	7/14/2003	--	--	87.91	12.07	--	75.84	9,300	<500	<500	<500	<500	24,000	--	SEQ	--	--	---	---
	01/14/2004	P	--	87.91	11.45	--	76.46	<50,000	<500	<500	<500	<500	21,000	--	SEQM	6.9	--	--	--
	04/23/2004	P	--	87.91	11.45	--	76.46	5,100 I	<250	<250	<250	<250	22,000	--	SEQM	6.8	--	--	--
	07/01/2004	P	--	87.91	12.32	--	75.59	<5,000	<50	<50	<50	<50	5,200	--	SEQM	5.6	--	--	--
	10/28/2004	P	--	87.91	13.02	--	74.89	8,500	<50	<50	<50	<50	6,800	--	SEQM	6.2	--	--	--
	01/10/2005	P	--	87.91	14.38	--	73.53	<25,000	<250	<250	<250	<250	7,100	--	SEQM	7.6	--	--	--
	04/13/2005	P	--	87.91	14.03	--	73.88	<5,000	<50	<50	<50	<50	5,300	--	SEQM	6.6	--	--	--
	07/11/2005	**P**	**--**	**87.91**	**11.25**	**--**	**76.66**	**<5,000**	**<50**	**<50**	**<50**	**<50**	**5,300**	**--**	**SEQM**	**7.5**	**--**	**--**	**--**
MW-3	11/4/1989	--	--	87.02	15.40	--	71.62	<500	<0.3	<0.3	<0.3	<0.3	--	--	SAL	--	--	---	---
	11/11/1989	--	--	87.02	14.10	--	72.92	--	--	--	--	--	--	--	—	--	--	---	---
	4/3/1990	--	--	87.02	13.90	--	73.12	<100	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	7/30/1990	--	--	87.02	13.77	--	73.25	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	<5000	--
	11/20/1990	--	--	87.02	14.67	--	72.35	<50	0.3	0.8	0.4	1.5	--	--	SAL	--	--	---	---
	3/1/1991	--	--	87.02	15.22	--	71.80	<100	0.4	<0.3	<0.3	<0.3	--	--	SAL	--	--	---	---
	8/19/1991	--	--	87.02	13.15	--	73.87	<30	<0.3	<0.3	<0.3	<0.3	--	--	SEQ	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11102

100 MacArthur Blvd., Oakland, 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	11/13/1991	--	--	87.02	15.66	--	71.36	<30	<0.3	<0.3	<0.3	<0.3	--	--	SEQ	--	--	---	---
	2/24/1992	--	--	87.02	15.01	--	72.01	<50	0.65	1.4	0.66	4.4	--	--	SEQ	--	--	---	---
	5/19/1992	--	--	87.02	15.52	--	71.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	SEQ	--	--	---	---
	7/22/1992	--	--	87.02	15.63	--	71.39	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	<50	<5000	---
	8/14/1992	--	--	87.02	13.57	--	73.45	--	--	--	--	--	--	--	---	--	--	---	---
	11/11/1992	--	--	87.02	14.13	--	72.89	<50	<0.5	0.7	<0.5	1.3	--	--	ANA	--	--	---	---
	6/7/1993	--	--	87.02	12.13	--	74.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	12/2/1993	--	--	87.02	13.29	--	73.73	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	6/22/1994	--	--	87.02	12.78	--	74.24	<50	<0.5	<0.5	<0.5	<0.5	--	2.9	PACE	--	--	---	---
	1/10/1995	--	--	87.02	12.01	--	75.01	<50	<0.5	<0.5	<0.5	<1	--	3.8	ATI	--	--	---	---
	6/21/1995	--	--	87.02	11.57	--	75.45	<50	<0.50	<0.50	<0.50	<1.0	--	7.4	ATI	--	--	---	---
	12/27/1995	--	--	87.02	13.47	--	73.55	<50	<0.50	<0.50	<0.50	<1.0	5.7	7.3	ATI	--	--	---	---
	6/13/1996	--	--	87.02	11.22	--	75.80	60	<0.5	<0.5	<0.5	<0.5	<10	6.8	SPL	--	--	---	---
	12/4/1996	--	--	87.02	13.28	--	73.74	<50	<0.5	<1	<1	<1	<10	6.7	SPL	--	--	---	---
	6/10/1997	--	--	87.02	10.22	--	76.80	<50	<0.5	<1.0	<1.0	<1.0	<10	6.1	SPL	--	--	---	---
	12/12/1997	--	c	87.02	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	--	SPL	--	--	---	---
	12/12/1997	--	--	87.02	12.61	--	74.41	<50	<0.5	<1.0	<1.0	<1.0	<10	5.6	SPL	--	--	---	---
	6/18/1998	--	--	87.02	12.80	--	74.22	--	--	--	--	--	--	--	---	--	--	---	---
	6/18/1998	--	--	87.02	9.07	--	77.95	50	<0.5	<1.0	<1.0	<1.0	<10	5.3	SPL	--	--	---	---
	9/28/1999	--	--	87.02	13.76	--	73.26	--	--	--	--	--	--	--	---	--	--	---	---
	3/27/2000	--	--	87.02	13.77	--	73.25	<50	<0.5	<0.5	<0.5	<0.5	1.6	--	PACE	--	--	---	---
	9/28/2000	--	--	87.02	11.28	--	75.74	<50	<0.5	7.4	<0.5	1.3	2	--	PACE	--	--	---	---
	3/8/2001	--	--	87.02	11.75	--	75.27	<50	<0.5	<0.5	<0.5	<0.5	60.4	--	PACE	--	--	---	---
	9/21/2001	--	--	87.02	11.33	--	75.69	<50	<0.5	<0.5	<0.5	<1.5	8.18	--	PACE	--	--	---	---
	2/28/2002	--	--	87.02	10.86	--	76.16	<50	<0.5	<0.5	<0.5	<1.0	25.5	--	PACE	--	--	---	---
	9/6/2002	--	--	87.02	12.73	--	74.29	<50	1.2	<0.5	<0.5	1	16	--	SEQ	--	--	---	---
	2/19/2003	--	h	87.02	11.72	--	75.30	<500	<5.0	<5.0	<5.0	<5.0	110	--	SEQ	--	--	---	---
	7/14/2003	--	--	87.02	13.76	--	73.26	<50	<0.50	<0.50	<0.50	0.67	28	--	SEQ	--	--	---	---
	01/14/2004	P	--	87.02	14.83	--	72.19	550	<5.0	<5.0	<5.0	<5.0	380	--	SEQM	8.1	--	--	--
	04/23/2004	P	--	87.02	13.17	--	73.85	<200 I	<25	<25	<25	<25	560	--	SEQM	6.8	--	--	--
	07/01/2004	P	--	87.02	15.19	--	71.83	<50	<0.50	<0.50	<0.50	0.50	48	--	SEQM	6.4	--	--	--
	10/28/2004	P	--	87.02	15.50	--	71.52	<500	<5.0	<5.0	<5.0	<5.0	290	--	SEQM	6.3	--	--	--
	01/10/2005	P	--	87.02	15.00	--	72.02	<50	<0.50	<0.50	<0.50	<0.50	18	--	SEQM	7.6	--	--	--
	04/13/2005	P	--	87.02	14.34	--	72.68	<50	<0.50	<0.50	<0.50	<0.50	9.0	--	SEQM	7.1	--	--	--
	07/11/2005	**P**	**k**	**87.02**	**10.82**	**--**	**76.20**	**130**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**120**	**--**	**SEQM**	**7.8**	**--**	**--**	**--**

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11102
100 MacArthur Blvd., Oakland, 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)
QC-2	11/11/1992	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	--	---	---
	6/7/1993	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	12/2/1993	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	6/22/1994	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	--	---	---
	1/10/1995	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	--	--	ATI	--	--	---	---
	6/21/1995	--	g	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	--	---	---
	12/27/1995	--	g	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	--	---	---
	6/13/1996	--	g	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	SPL	--	--	---	---

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11102
100 MacArthur Blvd., Oakland, CA

ABBREVIATIONS & SYMBOLS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
DO = Dissolved oxygen
DRO = Diesel Range Organics
DTW = Depth to water in feet below ground surface
ft bgs = feet below ground surface
ft MSL = feet above mean sea level
GRO = Gasoline Range Organics, range C4-C12
GWE = Groundwater elevation measured in feet above mean sea level
HVOC = Halogenated volatile organic compounds
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Well not purged prior to sampling
P = Well purged prior to sampling
TOC = Top of casing measured in feet above mean sea level
TOG = Total oil and grease
TPH-d = Total petroleum hydrocarbons as diesel
TPH-g = Total petroleum hydrocarbons as gasoline
ug/L = Micrograms per liter
ANA = Anametrix, Inc.
PACE = Pace, Inc.
ATI = Analytical Technologies, Inc.
CEI = Ceimic Corporation
SAL Superior Analytical Laboratory
SPL = Southern Petroleum Laboratories
SEQ/SEQM= Sequoia Analytical/Sequoia Morgan Hill Laboratories
FOOTNOTES:
a = Top of casing elevations surveyed to the nearest 0.01 foot above mean sea level.
b = Groundwater elevations in feet above mean sea level.
c = Blind duplicate.
d = A copy of the documentation for this data is included in Appendix C of Alisto report 10-076-06-002.
e = Tetrachloroethene.
f = Trans-1,2-Dichloroethene
g = Travel blank.
h = TPH-g, BTEX, and MTBE analyzed by EPA Method 8260B beginning on 1st Quarter Sampling event (2/19/03)
i = Discrete peak @ C6-C7.
k = The hydrocarbon result was partly due to individual peaks in the quantification range (GRO).
l = GRO analyzed by EPA Method 8015B.
NOTES:
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPHg has been changed to GRO. The resulting data may be impacted by the potential of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported.
Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12
pH and dissolved oxygen are field measurements.
The data within this table collected prior to August 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Table 2

Fuel Additives Analytical Data

Former BP Station #11102
100 MacArthur Blvd., Oakland, 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-1	7/14/2003	<2000	2,700	940	<20	<20	<20	--	--	
	01/14/2004	<1,000	2,500	220	<5.0	<5.0	<5.0	<5.0	<5.0	
	04/23/2004	<500	2,500	150	<2.5	<2.5	<2.5	<2.5	<2.5	
	07/01/2004	<500	2,000	96	<2.5	<2.5	<2.5	<2.5	<2.5	
	10/28/2004	<5.0	1,500	43	<0.50	<0.50	0.58	<0.50	<0.50	
	01/10/2005	<500	1,900	85	<2.5	<2.5	<2.5	<2.5	<2.5	
	04/13/2005	<500	1,400	48	<2.5	<2.5	<2.5	<2.5	<2.5	
	07/11/2005	**<100**	**550**	**36**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-2	7/14/2003	<100000	<20000	24,000	<1000	<1000	<1000	--	--	
	01/14/2004	<100,000	<20,000	21,000	<500	<500	<500	<500	<500	
	04/23/2004	<50,000	11,000	22,000	<250	<250	420	<250	<250	
	07/01/2004	<10,000	2,900	5,200	<50	<50	110	<50	<50	
	10/28/2004	<5.0	6,700	6,800	<50	<50	120	<50	<50	
	01/10/2005	<50,000	<10,000	7,100	<250	<250	<250	<250	<250	
	04/13/2005	<10,000	5,300	5,300	<50	<50	95	<50	<50	
	07/11/2005	**<10,000**	**9,000**	**5,300**	**<50**	**<50**	**99**	**<50**	**<50**	
MW-3	7/14/2003	<100	<20	28	<1.0	<1.0	<1.0	--	--	
	01/14/2004	<1,000	<200	380	<5.0	<5.0	<5.0	<5.0	<5.0	
	04/23/2004	<5,000	<1,000	560	<25	<25	<25	<25	<25	
	07/01/2004	<100	<20	48	<0.50	<0.50	0.52	<0.50	<0.50	
	10/28/2004	<5.0	<200	290	<5.0	<5.0	<5.0	<5.0	<5.0	
	01/10/2005	<100	<20	18	<0.50	<0.50	<0.50	<0.50	<0.50	
	04/13/2005	<100	<20	9.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	07/11/2005	**<200**	**<40**	**120**	**<1.0**	**<1.0**	**1.4**	**<1.0**	**<1.0**	**a**

Table 2

Fuel Additives Analytical Data

Former BP Station #11102
100 MacArthur Blvd., Oakland, CA

SYMBOLS & ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above the laboratory reporting limit.
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
ug/L = Micrograms per Liter

FOOTNOTES:
a = The calibration verification for ethanol was within the method limits but outside the contract limits.

NOTES:
All volatile organic compounds were analyzed using EPA Method 8260B.

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 # 050711-PM2 Date 7-11-05 Client Arco 11102

Site 100 Macarthur Blvd. Oakland

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	4					9.27	31.95		
MW-2	4					11.25	32.00		
MW-3	4					10.82	32.25	↓	
	All cap removed			15 min. B4		gauging			

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050711-PM2	Station # 11102
Sampler: PM	Date: 7-11-05
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 31.95	Depth to Water: 9.27
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	radius² * 0.163

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

Sampling Method:
- Bailer
- X 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.

14.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 44.1 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1510	79.3	8.1	1040	14.7	clear/odor
1513	76.6	7.0	729	29.4	"
1516	75.1	7.7	739	44.1	"

Did well dewater? Yes (No)		Gallons actually evacuated: 44.1	
Sampling Time: 1520		Sampling Date: 7-11-05	
Sample I.D.: MW-1		Laboratory: Pace (Sequoia) Other _____	
Analyzed for: (GRO) (BTEX) (MTBE) DRO		Other: see scope	
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 #: 050711-PM2	Station # 11102
Sampler: PM	Date: 7-11-05
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 32.00	Depth to Water: 11.25
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
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- X 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.

13.5 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 40.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1557	76.2	7.1	792	13.5	clear/odor
1600	73.9	7.8	817	27	
1603	73.8	7.5	832	40.5	

Did well dewater? Yes (No) Gallons actually evacuated: 40.5

Sampling Time: 1610 Sampling Date: 7-11-05

Sample I.D.: MW-2 Laboratory: Pace (Sequoia) Other_____

Analyzed for: (GRO) (BTEX) (MTBE) DRO Other: See Scope

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 #: 050711-PM2	Station # 11102
Sampler: PM	Date: 7-11-05
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 32.25	Depth to Water: 10.82
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	radius² * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- X Electric Submersible
- Extraction Pump
- Other: ___

Sampling Method:
- Bailer
- X 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.

13.9 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 41.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1536	73.7	8.0	659	13.9	clear / odor
1539	72.8	7.9	660	27.8	"
1542	72.1	7.8	663	41.7	"

Did well dewater? Yes (No) Gallons actually evacuated: 41.7

Sampling Time: 1545 Sampling Date: 7-11-05

Sample I.D.: MW-3 Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) BTEX (MTBE) DRO Other: See Stage

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:

11102
Station #

100 Macarthur
Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

120

added equip. rinse water 10

any other adjustments _____

TOTAL GALS. RECOVERED 130

loaded onto BTS vehicle # 22

BTS event # 050711-PM2

time _____ date __/__/__

signature Paul Mancel

* *

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 RM have been reviewed and verified by that laboratory.

Sequoia
Analytical

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27 July, 2005

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

RE: BP Heritage #11102, Oakland, CA
Work Order: MOG0331

Enclosed are the results of analyses for samples received by the laboratory on 07/12/05 16:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kekobad

Jamshid Kekobad
Project Manager

CA ELAP Certificate #1210

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URS Corporation [Arco]	Project:BP Heritage #11102, Oakland, CA	MOG0331
1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOG0331-01	Water	07/11/05 15:20	07/12/05 16:50
MW-2	MOG0331-02	Water	07/11/05 15:45	07/12/05 16:50
MW-3	MOG0331-03	Water	07/11/05 16:10	07/12/05 16:50
TB1112007112005	MOG0331-04	Water	07/11/05 00:00	07/12/05 16:50

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.

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1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOG0331-01) Water Sampled: 07/11/05 15:20 Received: 07/12/05 16:50									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5G21013	07/21/05	07/22/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**550**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**36**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**180**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*60-135*	"	"	"	"	
MW-2 (MOG0331-02) Water Sampled: 07/11/05 15:45 Received: 07/12/05 16:50									
tert-Amyl methyl ether	**99**	50	ug/l	100	5G21013	07/21/05	07/22/05	EPA 8260B	
Benzene	ND	50	"	"	"	"	"	"	
tert-Butyl alcohol	**9000**	2000	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Ethanol	ND	10000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**5300**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Xylenes (total)	ND	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*		*60-135*	"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11102, Oakland, CA	MOG0331
1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MOG0331-03) Water Sampled: 07/11/05 16:10 Received: 07/12/05 16:50									
tert-Amyl methyl ether	**1.4**	1.0	ug/l	2	5G21012	07/21/05	07/21/05	EPA 8260B	
Benzene	ND	1.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	40	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
Ethanol	ND	200	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**120**	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**130**	100	"	"	"	"	"	"	PV
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

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 5G21012 - EPA 5030B P/T / EPA 8260B										
Blank (5G21012-BLK1)				Prepared & Analyzed: 07/21/05						
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	*5.77*		"	*5.00*		*115*	*60-135*			
Blank (5G21012-BLK2)				Prepared & Analyzed: 07/21/05						
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	"							
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	*5.57*		"	*5.00*		*111*	*60-135*			

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1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

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 5G21012 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5G21012-BS1)				Prepared & Analyzed: 07/21/05						
tert-Amyl methyl ether	10.5	0.50	ug/l	10.0		105	80-115			
Benzene	9.50	0.50	"	10.0		95	65-115			
tert-Butyl alcohol	49.6	20	"	50.0		99	75-150			
Di-isopropyl ether	9.02	0.50	"	10.0		90	75-125			
1,2-Dibromoethane (EDB)	8.42	0.50	"	10.0		84	85-120			HM
1,2-Dichloroethane	9.44	0.50	"	10.0		94	85-130			
Ethanol	124	100	"	200		62	70-135			IC, HM
Ethyl tert-butyl ether	9.08	0.50	"	10.0		91	75-130			
Ethylbenzene	8.57	0.50	"	10.0		86	75-135			
Methyl tert-butyl ether	9.74	0.50	"	10.0		97	65-125			
Toluene	8.66	0.50	"	10.0		87	85-120			
Xylenes (total)	27.6	0.50	"	30.0		92	85-125			
Surrogate: 1,2-Dichloroethane-d4	*5.44*		"	*5.00*		*109*	*60-135*			
Laboratory Control Sample (5G21012-BS2)				Prepared & Analyzed: 07/21/05						
Benzene	5.17	0.50	ug/l	6.08		85	65-115			
Ethylbenzene	6.92	0.50	"	7.84		88	75-135			
Methyl tert-butyl ether	7.97	0.50	"	9.60		83	65-125			
Toluene	32.3	0.50	"	32.9		98	85-120			
Xylenes (total)	39.0	0.50	"	38.5		101	85-125			
Gasoline Range Organics (C4-C12)	448	50	"	440		102	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.29*		"	*5.00*		*106*	*60-135*			
Matrix Spike (5G21012-MS1)	**Source: MOG0291-02**			Prepared & Analyzed: 07/21/05						
Benzene	58.8	5.0	ug/l	60.8	6.0	87	65-115			
Ethylbenzene	98.1	5.0	"	78.4	25	93	75-135			
Methyl tert-butyl ether	283	5.0	"	96.0	190	97	65-125			
Toluene	340	5.0	"	329	ND	103	85-120			
Xylenes (total)	391	5.0	"	385	ND	102	85-125			
Gasoline Range Organics (C4-C12)	5550	500	"	4400	500	115	70-124			
Surrogate: 1,2-Dichloroethane-d4	*6.01*		"	*5.00*		*120*	*60-135*			

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1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

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 5G21012 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (5G21012-MSD1)	**Source: MOG0291-02**			Prepared & Analyzed: 07/21/05						
Benzene	56.0	5.0	ug/l	60.8	6.0	82	65-115	5	20	
Ethylbenzene	91.5	5.0	"	78.4	25	85	75-135	7	15	
Methyl tert-butyl ether	281	5.0	"	96.0	190	95	65-125	0.7	20	
Toluene	322	5.0	"	329	ND	98	85-120	5	20	
Xylenes (total)	364	5.0	"	385	ND	95	85-125	7	20	
Gasoline Range Organics (C4-C12)	5040	500	"	4400	500	103	70-124	10	20	
Surrogate: 1,2-Dichloroethane-d4	*6.04*		"	*5.00*		*121*	*60-135*			
Batch 5G21013 - EPA 5030B P/T / EPA 8260B										
Blank (5G21013-BLK1)				Prepared & Analyzed: 07/21/05						
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	100	"							
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	*2.40*		"	*2.50*		*96*	*60-135*			
Blank (5G21013-BLK2)				Prepared: 07/21/05 Analyzed: 07/22/05						
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	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							

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1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

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 5G21013 - EPA 5030B P/T / EPA 8260B										
Blank (5G21013-BLK2)				Prepared: 07/21/05 Analyzed: 07/22/05						
Toluene	ND	0.50	ug/l							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.40*		"	*2.50*		*96*	*60-135*			
Laboratory Control Sample (5G21013-BS1)				Prepared & Analyzed: 07/21/05						
tert-Amyl methyl ether	10.3	0.50	ug/l	10.0		103	80-115			
Benzene	10.0	0.50	"	10.0		100	65-115			
tert-Butyl alcohol	54.5	20	"	50.0		109	75-150			
Di-isopropyl ether	9.96	0.50	"	10.0		100	75-125			
1,2-Dibromoethane (EDB)	10.3	0.50	"	10.0		103	85-120			
1,2-Dichloroethane	9.53	0.50	"	10.0		95	85-130			
Ethanol	197	100	"	200		98	70-135			
Ethyl tert-butyl ether	9.78	0.50	"	10.0		98	75-130			
Ethylbenzene	11.0	0.50	"	10.0		110	75-135			
Methyl tert-butyl ether	8.79	0.50	"	10.0		88	65-125			
Toluene	10.1	0.50	"	10.0		101	85-120			
Xylenes (total)	33.9	0.50	"	30.0		113	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.33*		"	*2.50*		*93*	*60-135*			
Laboratory Control Sample (5G21013-BS2)				Prepared & Analyzed: 07/21/05						
Benzene	5.46	0.50	ug/l	6.08		90	65-115			
Ethylbenzene	8.32	0.50	"	7.84		106	75-135			
Methyl tert-butyl ether	8.11	0.50	"	9.60		84	65-125			
Toluene	33.3	0.50	"	32.9		101	85-120			
Xylenes (total)	41.5	0.50	"	38.5		108	85-125			
Gasoline Range Organics (C4-C12)	388	50	"	440		88	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.40*		"	*2.50*		*96*	*60-135*			

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1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

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 5G21013 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample Dup (5G21013-BSD1)				Prepared & Analyzed: 07/21/05						
tert-Amyl methyl ether	10.9	0.50	ug/l	10.0		109	80-115	6	15	
Benzene	10.9	0.50	"	10.0		109	65-115	9	20	
tert-Butyl alcohol	52.7	20	"	50.0		105	75-150	3	25	
Di-isopropyl ether	10.4	0.50	"	10.0		104	75-125	4	15	
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0		109	85-120	6	15	
1,2-Dichloroethane	10.4	0.50	"	10.0		104	85-130	9	20	
Ethanol	172	100	"	200		86	70-135	14	35	
Ethyl tert-butyl ether	10.4	0.50	"	10.0		104	75-130	6	25	
Ethylbenzene	11.8	0.50	"	10.0		118	75-135	7	15	
Methyl tert-butyl ether	9.28	0.50	"	10.0		93	65-125	5	20	
Toluene	11.0	0.50	"	10.0		110	85-120	9	20	
Xylenes (total)	36.1	0.50	"	30.0		120	85-125	6	20	
Surrogate: 1,2-Dichloroethane-d4	*2.47*		*"*	*2.50*		*99*	*60-135*			
Matrix Spike (5G21013-MS1)	**Source: MOG0331-02**			Prepared: 07/21/05 Analyzed: 07/22/05						
Benzene	537	50	ug/l	608	ND	88	65-115			
Ethylbenzene	831	50	"	784	ND	106	75-135			
Methyl tert-butyl ether	6060	50	"	960	5300	79	65-125			
Toluene	3250	50	"	3290	ND	99	85-120			
Xylenes (total)	4120	50	"	3850	ND	107	85-125			
Gasoline Range Organics (C4-C12)	42000	5000	"	44000	4200	86	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		*"*	*2.50*		*95*	*60-135*			
Matrix Spike Dup (5G21013-MSD1)	**Source: MOG0331-02**			Prepared: 07/21/05 Analyzed: 07/22/05						
Benzene	569	50	ug/l	608	ND	94	65-115	6	20	
Ethylbenzene	862	50	"	784	ND	110	75-135	4	15	
Methyl tert-butyl ether	5990	50	"	960	5300	72	65-125	1	20	
Toluene	3430	50	"	3290	ND	104	85-120	5	20	
Xylenes (total)	4310	50	"	3850	ND	112	85-125	5	20	
Gasoline Range Organics (C4-C12)	41900	5000	"	44000	4200	86	70-124	0.2	20	
Surrogate: 1,2-Dichloroethane-d4	*2.37*		*"*	*2.50*		*95*	*60-135*			

Sequoia Analytical

1885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project:BP Heritage #11102, Oakland, CA	MOG0331
1333 Broadway, Suite 800	Project Number:G07T9-0020	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	07/27/05 14:56

Notes and Definitions

PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
IC	Calib. verif. is within method limits but outside contract limits
HM	Analyte recovery below 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: Analytical for QMR sampling
BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 11102 > HistoricalBL
State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fr
Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time:	1345	Temp:	82
Off-site Time:		Temp:	
Sky Conditions:	clear		
Meteorological Events:			
Wind Speed:	@	Direction:	

Lab Name: Sequoia	BP/AR Facility No.: 11102	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 100 MacArthur Blvd., Oakland, CA 94610	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.819113 / -122.253	Oakland, CA 94612
Lab PM: Lisa Race	California Global ID No.: T0600100908	Consultant/Contractor Project No.: 38487119
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G07T9-0020	Consultant/Contractor PM: Lynelle Onishi
BP/AR PM Contact: Kyle Christie	Provision or RCOP: Provision	Tele/Fax: 510.874.1758 / 510.874.3268
Address: 4 Centerpointe Dr.	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with EDF
La Palma, CA 90623	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna_Cosper@urscorp.com
Tele/Fax: (714) 670-5303 / (714) 670-5195	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: 11102

MOG 0331

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-1	1520	7/11/05		W		01	3				X		X	X	X	X	
2	MW-2	1545	7/11/05		W		02	3				X		X	X	Y	Y	
3	MW-3	1610	7/11/05		W		03	3				X		X	X	Y	Y	
4	TB11700711205	—	—		W		04	2										on Hold
5																		
6																		
7																		
8																		
9																		
10																		

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	Paul Monroe						
Sampler's Company:	Blaine Tech		7/11/05	5:49		7/11/05	1749
Shipment Date:		SAMPLE CUSTODIAN	7/12/05	1345		7/12/05	1345
Shipment Method:			7/12/05	1450		7/12/05	16:50
Shipment Tracking No:							

Special Instructions:

Custody Seals In Place Yes ☑ No ☐ Temp Blank Yes ☑ No ☐ Cooler Temperature on Receipt 5.6 °F/C Trip Blank Yes ☑ No ☐

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT): Phuc Pham
WORKORDER: MOG0331

DATE REC'D AT LAB: 7/12/05
TIME REC'D AT LAB: 16:30
DATE LOGGED IN: 7-13-05

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 Intact / Broken*	01	A-C	MW-1	VOA-3	HCl	T	W	7/11/05	
2. Chain-of-Custody Present / Absent*	02		2						
3. Traffic Reports or Packing List: Present / Absent	03		3						
4. Airbill: Airbill / Sticker Present / Absent	04	A-B	TB111200711105	VOA-2					
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*			P.P. 7/12/05						
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: 5.6°C Is temp 4 +/-2°C? Yes / No**									
(Acceptance range for samples requiring thermal pres.) 2-6°C **Exception (if any): METALS / OFF ON ICE or Problem COC									

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

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

T0600100908	MW-1	ACT	7/11/2005	9.27	31.95
N					
T0600100908	MW-2	ACT	7/11/2005	11.25	32.00
N					
T0600100908	MW-3	ACT	7/11/2005	10.82	32.25
N					

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:	8/2/2005 5:49:38 PM

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

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(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:	**3Q 2005 GeoWell BP/ARCO 11102**
Submittal Date/Time:	**8/2/2005 5:50:44 PM**
Confirmation Number:	**2435703873**

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SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	8/2/2005 5:52:30 PM
GLOBAL ID:	T0600100908
FILE UPLOADED:	BP#11102-EDF-MOG0331.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
100 MACARTHUR BLVD
OAKLAND, CA 94610

Regional Board - Case #: 01-0985
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 1108
ALAMEDA COUNTY LOP - **(RWS)**

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
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

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

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CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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Your EDF file has been succcessfully uploaded!

Confirmation Number: 8942609906
Date/Time of Submittal: 8/2/2005 5:53:38 PM
Facility Global ID: T0600100908
Facility Name: BP
Submittal Title: 2Q 2005 EDF BP/ARCO 11102
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

BP
100 MACARTHUR BLVD
OAKLAND, CA 94610

Regional Board - Case #: 01-0985
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 1108
ALAMEDA COUNTY LOP - **(RWS)**

CONF #	TITLE	QUARTER
8942609906	2Q 2005 EDF BP/ARCO 11102	Q3 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	8/2/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

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- 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

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

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