R0403

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

October 25, 2005

Re: Second Semi-Annual 2005 Groundwater Monitoring Report
Former BP Service Station #11193
2220 98th Avenue
Oakland, California
ACEH Case No. :3878

"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

October 25, 2005

Ms. Donna Drogos
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Re: Second Semi-Annual 2005 Groundwater Monitoring Report
Former BP Service Station #11133
2220 98th Avenue
Oakland, California
ACEH Case No.: 3878

Dear Ms. Drogos:

On behalf of the Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Second Semi-Annual 2005 Groundwater Monitoring Report* for the Former BP Service Station #11133, located at 2220 98th Avenue, Oakland, California.

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

Sincerely,

URS CORPORATION

Lynelle Onishi
Project Manager

REGISTERED GEOLOGIST
BARBARA J JAKUB
No. 7304
STATE OF CALIFORNIA

Barbara J. Jakub, P.G.
Senior Geologist

Enclosure: Second Semi-Annual 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 site

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

REPORT

SECOND SEMI-ANNUAL 2005 GROUNDWATER MONITORING REPORT

FORMER BP SERVICE STATION #11133
2220 98TH AVENUE,
OAKLAND, CALIFORNIA

Prepared for
RM

October 25, 2005

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

Date: September 25, 2005

Quarter: 3Q 05

SECOND SEMI-ANNUAL 2005 GROUNDWATER MONITORING REPORT

Facility No.:	11133	Address:	2220 98th Avenue, Oakland, CA
RM Environmental Business Manager:			Kyle Christie
Consulting Co./Contact Person:			URS Corporation / Lynelle Onishi
Primary Agency:			Alameda Country Environmental Health (ACEH)
ACEHS Case #:			3878

WORK PERFORMED THIS QUARTER (Third – 2005):

1. Performed the second semi-annual 2005 groundwater monitoring event on July 22, 2005, which included the gauging and sampling of all site wells and geochemical and microbiological parameters on specific site wells.
2. Prepared and submitted Feasibility Study Work Plan dated July 8, 2005.
3. Performed Soil and Water Investigation as proposed in the Soil and Water Investigation Work Plan dated April 28, 2005 and approved by the ACEH on May 11, 2005.

WORK PROPOSED FOR NEXT QUARTER (Fourth – 2005):

1. Prepare and submit the Second Semi-Annual 2005 Groundwater Monitoring Report.
2. Prepare and submit the Fourth Quarter 2005 Status Report.
3. Prepare and submit Soil and Water Investigation Report.

Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	Semi-annual (1st and 3rd quarters): Wells MW-1, MW-3, AW-1, AW-4, AW-5, AW-6, RW-1 Annual (1st quarter); AW-2 Semi-annual free product gauging: RW-1 Not Sampled: MW-2, AW-3, AW-7, AW-8 and AW-9
Frequency of Groundwater Monitoring:	Semi-annual
Is Free Product (FP) Present On-Site:	Heavy Sheen (RW-1)
Current Remediation Techniques:	None
Approximate Depth to Groundwater:	8.80 (MW-2) to 17.22 (AW-5) feet
Groundwater Gradient (direction):	Variable: East to Southeast
Groundwater Gradient (magnitude):	0.03 feet per foot

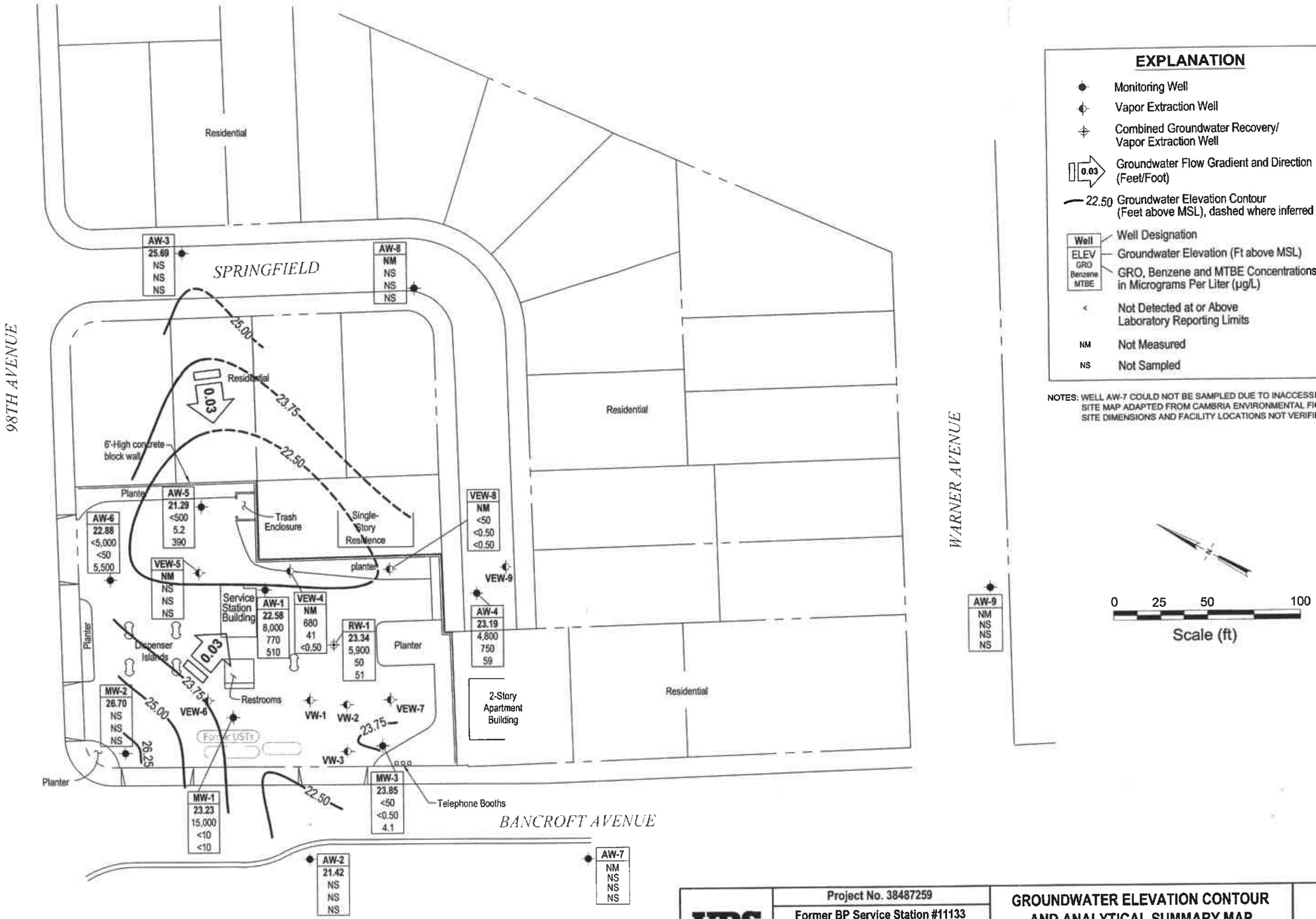
DISCUSSION:

Gasoline range organics were detected at or above the laboratory reporting limit in five of the nine wells sampled this quarter at concentrations ranging from 680 micrograms per liter (µg/L) (VEW-4) to 15,000 µg/L (RW-1). Benzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 5.2 µg/L (AW-5) to 770 µg/L (AW-1). Toluene was detected at or above the laboratory reporting limit in four wells at concentrations ranging from 5.4 µg/L (AW-1) to 48 µg/L (AW-4). Ethylbenzene was detected at or above the laboratory reporting

limit in five wells at concentrations ranging from 20 µg/L (VEW-4) to 520 µg/L (AW-1). Xylenes were detected at or above the laboratory reporting limit in six wells at concentrations ranging from 6.9 µg/L (AW-5) to 840 µg/L (AW-4). Methyl tert-butyl ether was detected at or above the laboratory reporting limit in six wells at concentrations ranging from 4.1 µg/L (MW-3) to 5,500 µg/L (AW-6). Tert-butyl alcohol was detected at or above the laboratory reporting limit in one well at a concentration of 370 µg/L (AW-5). Tert-amyl mether ether was detected at or above the laboratory reporting limit in four wells at concentrations ranging from 5.6 µg/L (RW-1) to 1,400 µg/L (AW-6). 1,2-Dicholoroethance was detected at or above the laboratory reporting limit in one well at a concentration of 31 µg/L (AW-1). No other fuel components were detected above their respective laboratory reporting limits.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – July 22, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Geochemical/Microorganism Parameters
- 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



EXPLANATION

- Monitoring Well
- Vapor Extraction Well
- Combined Groundwater Recovery/ Vapor Extraction Well
- 0.03 — Groundwater Flow Gradient and Direction (Feet/Foot)
- 22.50 — Groundwater Elevation Contour (Feet above MSL), dashed where inferred
- Well / ELEV / GRO / Benzene / MTBE — Well Designation; Groundwater Elevation (Ft above MSL); GRO, Benzene and MTBE Concentrations in Micrograms Per Liter (µg/L)
- < — Not Detected at or Above Laboratory Reporting Limits
- NM — Not Measured
- NS — Not Sampled

NOTES: WELL AW-7 COULD NOT BE SAMPLED DUE TO INACCESSIBILITY.
SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

URS	Project No. 38487259 Former BP Service Station #11133 2220 98th Avenue Oakland, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Third Quarter 2005 (July 22, 2005)	FIGURE 1

jkiting10 Oct 20, 2005 - 5:48pm
X:\x_env_waste\BP GEM\Sites\Active Sites\11133\Reports\Monitoring\Qtr. 3, 2005\Drawings\11133-3Q05-GW.dwg

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-1	4/5/1991	--	38.11	25.44	--	12.67	4,100	1,500	69	100	83	--	--	SUP	--	
	4/1/1992	--	38.11	23.22	--	14.89	--	--	--	--	--	--	--	---	--	
	4/2/1992	--	38.11	--	--	--	11,000	1,800	210	210	490	--	--	APP	--	
	7/6/1992	--	38.11	24.89	--	13.22	6,500	4,000	40	290	530	--	--	ANA	--	
	10/7/1992	--	38.11	--	--	--	2,900	1,200	25	37	210	--	--	ANA	--	e
	10/7/1992	--	38.11	26.55	--	11.56	4,700	1,500	41	47	300	--	--	ANA	--	
	1/14/1993	--	38.11	--	--	--	4,100	1,700	28	130	230	--	--	PACE	--	m, e
	1/14/1993	--	38.11	23.73	--	14.38	2,800	830	31	140	240	--	--	PACE	--	m
	4/22/1993	--	38.11	--	--	--	39,000	14,000	530	1,800	6,100	987	--	PACE	--	c, m
	7/15/1993	--	38.11	22.50	--	15.61	6,200	2,200	28	210	540	838	--	PACE	--	c, m
	10/21/1993	--	38.11	24.32	--	13.79	2,400	820	13	55	120	832	--	PACE	--	c, m
	1/27/1994	--	38.11	23.72	--	14.39	3,500	1,400	26	130	220	650	--	PACE	--	c, n
	4/21/1994	--	38.11	22.48	--	15.63	40,000	12,000	1,900	1,600	5,000	1,119	1.4	PACE	--	m
	9/9/1994	--	38.11	--	--	--	3,900	1,900	5.5	190	240	--	--	PACE	--	e
	9/9/1994	--	38.11	23.04	--	15.07	3,500	1,600	5	200	250	--	2.1	PACE	--	m
	12/21/1994	--	38.11	21.70	--	16.41	7,600	3,100	36	370	320	855	1.6	PACE	--	m
	1/30/1995	--	38.11	17.71	--	20.40	35,000	23,000	650	3,200	4,100	--	1.7	ATI	--	
	4/10/1995	--	38.11	--	--	--	56,000	17,000	2,000	3,900	10,000	--	--	ATI	--	e
	4/10/1995	--	38.11	20.04	--	18.07	60,000	18,000	2,000	4,300	11,000	--	7.9	ATI	--	
	6/29/1995	--	38.11	--	--	--	86,000	12,000	8,400	4,800	18,000	--	--	ATI	--	e
	6/29/1995	--	38.11	20.60	--	17.51	72,000	10,000	7,300	4,200	15,000	--	6.2	ATI	--	
	9/18/1995	--	38.11	21.87	--	16.24	--	--	--	--	--	--	--	---	--	
	9/19/1995	--	38.11	--	--	--	65,000	12,000	3,100	4,400	14,000	1,000	8.5	ATI	--	
	12/7/1995	--	38.11	22.06	--	16.05	25,000	8,700	<50	2,500	1,300	1,100	2.9	ATI	--	
	3/28/1996	--	38.11	16.91	--	21.20	24,000	11,000	<100	3,200	3,390	<1000	6.6	SPL	--	
	6/20/1996	--	38.11	20.82	--	17.29	38,000	6,900	1,100	3,200	7,300	<100	6.4	SPL	--	
	10/11/1996	--	38.11	23.20	--	14.91	33,000	8,500	69	3,300	4,230	580	6.3	SPL	--	
	1/2/1997	--	38.11	20.41	--	17.70	32,000	8,000	<50	3,100	2,300	700	6.7	SPL	--	
	4/14/1997	--	38.11	21.61	--	16.50	--	--	--	--	--	--	--	---	--	
	4/15/1997	--	38.11	--	--	--	31,000	5,000	160	2,400	4,540	340	5.4	SPL	--	
	7/2/1997	--	38.11	21.17	--	16.94	26,000	5,800	<100	2,600	2,200	<1000	6.2	SPL	--	
	9/30/1997	--	38.11	21.48	--	16.63	29,000	9,200	17	1,400	130	560	6.9	SPL	--	
	1/21/1998	--	38.11	20.02	--	18.09	50,000	6,900	450	3,200	4,450	720	5.8	SPL	--	
	4/9/1998	--	38.11	13.37	--	24.74	--	--	--	--	--	--	--	---	--	
	4/10/1998	--	38.11	--	--	--	46,000	5,800	1,900	3,000	7,400	1,000	4.3	SPL	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-1	6/19/1998	--	38.11	--	--	--	43,000	6,800	260	3,100	3,490	620	--	SPL	--	e
	6/19/1998	--	38.11	19.12	--	18.99	42,000	6,600	200	3,000	3,350	660	4.9	SPL	--	
	11/30/1998	--	38.11	21.13	--	16.98	23,000	6,700	<25	3,100	130	710/820	--	SPL	--	g
	1/21/1999	--	38.11	20.77	--	17.34	25,000	4,800	54	2,800	780	1,000	--	SPL	--	
	4/30/1999	--	38.11	20.80	--	17.31	21,000	5,300	67	2,800	750	1,500	--	SPL	--	
	7/9/1999	--	38.11	20.41	--	17.70	11,000	3,000	<10	760	180	1,300	--	SPL	--	
	11/3/1999	--	38.11	20.82	--	17.29	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	38.11	19.99	--	18.12	330,000	5,300	10	2,900	560	2,200	--	PACE	--	
	4/13/2000	--	38.11	20.14	--	17.97	--	--	--	--	--	--	--	---	--	
	5/24/2000	--	38.11	20.17	--	17.94	--	--	--	--	--	--	--	---	--	
	6/1/2000	--	38.11	23.05	--	15.06	--	--	--	--	--	--	--	---	--	
	6/8/2000	--	38.11	17.08	--	21.03	--	--	--	--	--	--	--	---	--	
	6/15/2000	--	38.11	16.93	--	21.18	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	38.11	20.07	--	18.04	15,000	290	98	77	220	37,000	--	PACE	--	
	10/24/2000	--	38.11	20.10	--	18.01	--	--	--	--	--	--	--	---	--	
	1/19/2001	--	38.11	19.82	--	18.29	7,600	2,220	10.9	415	58.4	1,630	--	PACE	--	
	7/24/2001	--	38.11	19.86	--	18.25	9,600	2,140	6.34	281	43	1,440	--	PACE	--	
	1/18/2002	--	38.11	15.60	--	22.51	20,000	2,170	75.2	1,800	2,080	1,250	--	PACE	--	
	8/1/2002	--	38.11	19.55	--	18.56	14,000	2,150	<12.5	197	42.4	1,120	--	PACE	--	
	1/16/2003	--	38.11	16.32	--	21.79	15,000	2,300	75	1,600	1,800	1,100	--	SEQ	--	p
	7/7/2003	--	38.11	19.80	--	18.31	9,700	1,600	<25	540	110	1,100	--	SEQ	--	q, u
	02/05/2004	--	38.11	18.75	--	19.36	12,000	2,000	<50	820	590	930	--	SEQM	6.7	
	07/01/2004	P	38.11	19.72	--	18.39	9,900	2,600	<25	300	<25	1,100	--	SEQM	6.5	
	03/16/2005	P	38.11	18.78	--	19.33	10,000	1,100	30	630	560	720	0.80	SEQM	6.7	
	07/22/2005	**P**	**38.11**	**15.53**	**--**	**22.58**	**8,000**	**770**	**5.4**	**520**	**50**	**510**	**--**	**SEQM**	**6.5**	
AW-2	4/5/1991	--	36.83	22.36	--	14.47	<50	<0.3	<0.3	<0.3	<0.3	--	--	SUP	--	
	4/1/1992	--	36.83	20.81	--	16.02	--	--	--	--	--	--	--	---	--	
	4/2/1992	--	36.83	--	--	--	130	25	2.3	0.7	2.1	--	--	APP	--	
	7/6/1992	--	36.83	23.57	--	13.26	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	10/7/1992	--	36.83	25.24	--	11.59	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	1/14/1993	--	36.83	20.82	--	16.01	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	4/22/1993	--	36.83	19.37	--	17.46	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	7/15/1993	--	36.83	21.29	--	15.54	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	m
	10/21/1993	--	36.83	23.14	--	13.69	<50	1.3	1.1	0.9	2.1	<5.0	--	PACE	--	m
	1/27/1994	--	36.83	22.34	--	14.49	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-2	4/21/1994	--	36.83	21.15	--	15.68	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.0	PACE	--	m
	9/9/1994	--	36.83	22.09	--	14.74	<50	<0.5	<0.5	<0.5	<0.5	--	4.1	PACE	--	m
	12/21/1994	--	36.83	20.12	--	16.71	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.0	PACE	--	m
	1/30/1995	--	36.83	16.65	--	20.18	<50	<0.50	<0.50	<0.50	<1.0	--	2.5	ATI	--	
	4/10/1995	--	36.83	16.22	--	20.61	<50	<0.50	<0.50	<0.50	<1.0	--	4.4	ATI	--	
	6/29/1995	--	36.83	17.55	--	19.28	<50	<0.50	<0.50	<0.50	<1.0	--	7.8	ATI	--	
	9/18/1995	--	36.83	19.87	--	16.96	--	--	--	--	--	--	--	---	--	
	9/19/1995	--	36.83	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	e
	9/19/1995	--	36.83	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.5	ATI	--	
	12/7/1995	--	36.83	21.31	--	15.52	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.9	ATI	--	
	3/28/1996	--	36.83	15.61	--	21.22	<50	<0.5	<1	<1	<1	<10	4.1	SPL	--	
	6/20/1996	--	36.83	16.30	--	20.53	<50	<0.5	<1	<1	<1	<10	5.2	SPL	--	
	10/11/1996	--	36.83	19.60	--	17.23	<50	<0.5	<1.0	<1.0	<1.0	<10	6.0	SPL	--	
	1/2/1997	--	36.83	15.97	--	20.86	<50	<0.5	<1.0	<1.0	<1.0	<10	6.1	SPL	--	
	4/14/1997	--	36.83	17.19	--	19.64	<50	<0.5	<1.0	<1.0	<1.0	<10	5.3	SPL	--	
	7/2/1997	--	36.83	18.11	--	18.72	<50	<0.5	<1.0	<1.0	<1.0	<10	5.7	SPL	--	
	9/30/1997	--	36.83	18.52	--	18.31	<50	<0.5	<1.0	<1.0	<1.0	860	5.4	SPL	--	
	1/21/1998	--	36.83	14.46	--	22.37	160	13	<1.0	<1.0	<1.0	110	4.9	SPL	--	
	4/9/1998	--	36.83	12.85	--	23.98	--	--	--	--	--	--	--	---	--	
	4/10/1998	--	36.83	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	--	
	6/19/1998	--	36.83	14.37	--	22.46	60	<0.5	<1.0	<1.0	<1.0	<10	3.6	SPL	--	
	11/30/1998	--	36.83	16.90	--	19.93	--	--	--	--	--	--	--	---	--	
	1/21/1999	--	36.83	16.87	--	19.96	<50	<1.0	<1.0	<1.0	<1.0	<1.0	--	SPL	--	
	4/30/1999	--	36.83	17.01	--	19.82	--	--	--	--	--	--	--	---	--	
	7/9/1999	--	36.83	17.83	--	19.00	--	--	--	--	--	--	--	---	--	
	11/3/1999	--	36.83	19.74	--	17.09	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	36.83	19.90	--	16.93	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--	
	4/13/2000	--	36.83	19.75	--	17.08	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	36.83	19.86	--	16.97	--	--	--	--	--	--	--	---	--	
	10/24/2000	--	36.83	18.77	--	18.06	--	--	--	--	--	--	--	---	--	
	1/19/2001	--	36.83	--	--	--	--	--	--	--	--	--	--	---	--	f
	7/24/2001	--	36.83	--	--	--	--	--	--	--	--	--	--	---	--	f
	1/18/2002	--	36.83	15.17	--	21.66	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	PACE	--	
	8/1/2002	--	36.83	17.17	--	19.66	--	--	--	--	--	--	--	---	--	
	1/16/2003	--	36.83	14.81	--	22.02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	SEQ	--	p

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-2	7/7/2003	--	36.83	16.65	--	20.18	--	--	--	--	--	--	--	---	--	
	02/05/2004	--	36.83	15.37	--	21.46	<50	3.0	<0.50	<0.50	<0.50	5.1	--	SEQM	--	
	07/01/2004	--	36.83	17.55	--	19.28	--	--	--	--	--	--	--	--	--	
	03/16/2005	P	36.83	14.58	--	22.25	<50	0.75	<0.50	1.1	1.1	<0.50	1.70	SEQM	6.7	
	07/22/2005	--	**36.83**	**15.41**	--	**21.42**	--	--	--	--	--	--	--	--	--	
AW-3	4/5/1991	--	39.13	23.90	--	15.23	5,200	980	450	95	310	--	--	SUP	--	
	4/1/1992	--	39.13	22.50	--	16.63	4,700	890	47	43	110	--	--	APP	--	
	7/6/1992	--	39.13	23.26	--	15.87	3,900	3,100	30	80	99	--	--	ANA	--	
	10/7/1992	--	39.13	24.75	--	14.38	5,000	2,600	<0.5	<0.5	59	--	--	ANA	--	
	1/14/1993	--	39.13	23.59	--	15.54	350	250	<0.5	<0.5	<0.5	--	--	PACE	--	m
	4/22/1993	--	39.13	19.42	--	19.71	240	71	2.4	0.6	4	--	--	PACE	--	m
	7/15/1993	--	39.13	20.09	--	19.04	650	71	2.8	1.5	1.1	37.3	--	PACE	--	c, m
	10/21/1993	--	39.13	--	--	--	170	6.1	2	1.7	4.4	--	--	PACE	--	e
	10/21/1993	--	39.13	21.88	--	17.25	160	4.8	1.7	1.6	3.6	8.95	--	PACE	--	m
	1/27/1994	--	39.13	--	--	--	90	2.9	0.5	<0.5	<0.5	--	--	PACE	--	e
	1/27/1994	--	39.13	22.33	--	16.80	92	2.1	<0.5	<0.5	<0.5	7.37	--	PACE	--	m
	4/21/1994	--	39.13	20.96	--	18.17	150	3.6	0.8	0.9	2.5	9.36	1.3	PACE	--	m
	9/9/1994	--	39.13	21.60	--	17.53	53	<0.5	<0.5	<0.5	<0.5	--	1.9	PACE	--	m
	12/21/1994	--	39.13	--	--	--	--	--	--	--	--	--	--	---	--	f
	1/30/1995	--	39.13	--	--	--	--	--	--	--	--	--	--	---	--	f
	4/10/1995	--	39.13	--	--	--	--	--	--	--	--	--	--	---	--	f
	6/29/1995	--	39.13	15.41	--	23.72	<50	<0.50	<0.50	<0.50	<1.0	--	8.0	ATI	--	
	9/18/1995	--	39.13	17.83	--	21.30	--	--	--	--	--	--	--	---	--	
	9/19/1995	--	39.13	--	--	--	61,000	11,000	2,900	4,100	13,000	790	7.4	ATI	--	
	12/7/1995	--	39.13	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	e
	12/7/1995	--	39.13	19.27	--	19.86	<50	<0.50	<0.50	<0.50	<1.0	<5.0	3.4	ATI	--	
	3/28/1996	--	39.13	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	e
	3/28/1996	--	39.13	13.85	--	25.28	<50	<0.5	<1	<1	<1	<10	4.1	SPL	--	
	6/20/1996	--	39.13	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	e
	6/20/1996	--	39.13	14.47	--	24.66	<50	<0.5	<1	<1	<1	<10	4.2	SPL	--	
	10/11/1996	--	39.13	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	--	SPL	--	e
	10/11/1996	--	39.13	17.97	--	21.16	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL	--	
	1/2/1997	--	39.13	13.00	--	26.13	<50	<0.5	<1.0	<1.0	<1.0	<10	5.6	SPL	--	
	4/14/1997	--	39.13	14.36	--	24.77	<50	<0.5	<1.0	<1.0	<1.0	<10	5.0	SPL	--	
	4/15/1997	--	39.13	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	--	SPL	--	e

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Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-3	7/2/1997	--	39.13	15.87	--	23.26	<50	<0.5	<1.0	<1.0	<1.0	<10	5.4	SPL	--	
	9/30/1997	--	39.13	17.50	--	21.63	<250	<2.5	<5.0	<5.0	<5.0	810	5.7	SPL	--	
	1/21/1998	--	39.13	--	--	--	150	<0.5	<1.0	<1.0	1.2	110	--	SPL	--	e
	1/21/1998	--	39.13	11.98	--	27.15	140	<0.5	<1.0	<1.0	<1.0	99	4.6	SPL	--	
	4/9/1998	--	39.13	9.45	--	29.68	--	--	--	--	--	--	--	---	--	
	4/10/1998	--	39.13	--	--	--	<50	<0.5	<1.0	<1.0	1.6	<10	4.5	SPL	--	
	4/10/1998	--	39.13	--	--	--	<50	<0.5	<1.0	1.4	1.7	<10	--	SPL	--	e
	6/19/1998	--	39.13	12.13	--	27.00	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	--	
	11/30/1998	--	39.13	15.91	--	23.22	--	--	--	--	--	--	--	---	--	
	1/21/1999	--	39.13	15.93	--	23.20	<50	<1.0	<1.0	<1.0	<1.0	<1.0	--	SPL	--	
	4/30/1999	--	39.13	15.98	--	23.15	--	--	--	--	--	--	--	---	--	
	7/9/1999	--	39.13	14.58	--	24.55	--	--	--	--	--	--	--	---	--	
	11/3/1999	--	39.13	17.43	--	21.70	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	39.13	18.30	--	20.83	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--	
	4/13/2000	--	39.13	18.89	--	20.24	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	39.13	18.67	--	20.46	--	--	--	--	--	--	--	---	--	
	10/24/2000	--	39.13	18.98	--	20.15	--	--	--	--	--	--	--	---	--	
	1/19/2001	--	39.13	16.74	--	22.39	--	--	--	--	--	--	--	---	--	
	7/24/2001	--	39.13	18.55	--	20.58	--	--	--	--	--	--	--	---	--	
	1/18/2002	--	39.13	14.49	--	24.64	--	--	--	--	--	--	--	---	--	
	8/1/2002	--	39.13	14.27	--	24.86	--	--	--	--	--	--	--	---	--	
	1/16/2003	--	39.13	14.25	--	24.88	--	--	--	--	--	--	--	---	--	
	7/7/2003	--	39.13	14.70	--	24.43	--	--	--	--	--	--	--	---	--	
	02/05/2004	--	39.13	14.61	--	24.52	--	--	--	--	--	--	--	--	--	
	07/01/2004	--	39.13	15.62	--	23.51	--	--	--	--	--	--	--	--	--	
	03/16/2005	P	39.13	12.70	--	26.43	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.10	SEQM	7.3	
	07/22/2005	--	**39.13**	**13.44**	--	**25.69**	--	--	--	--	--	--	--	--	--	
AW-4	4/5/1991	--	39.08	25.12	--	13.96	110,000	40,000	13,000	2,000	5,500	--	--	SUP	--	
	4/1/1992	--	39.08	--	--	--	210,000	55,000	23,000	2,900	7,000	--	--	APP	--	e
	4/1/1992	--	39.08	23.56	--	15.52	230,000	57,000	31,000	2,900	7,600	--	--	APP	--	
	7/6/1992	--	39.08	25.87	--	13.21	38,000	16,000	5,400	2,000	6,100	--	--	ANA	--	
	10/7/1992	--	39.08	27.53	--	11.55	120,000	41,000	26,000	4,700	13,000	--	--	ANA	--	
	1/14/1993	--	39.08	24.12	--	14.96	62,000	18,000	14,000	2,700	7,700	1,400	--	PACE	--	c, m
	4/22/1993	--	39.08	21.47	--	17.61	18,000	1,100	2,100	320	3,500	--	--	PACE	--	m
	7/15/1993	--	39.08	23.30	--	15.78	21,000	820	2,300	590	3,800	1,978	--	PACE	--	c, m

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Well No.	Date	P/ NP	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	Comments
AW-4	10/21/1993	--	39.08	25.08	--	14.00	11,000	570	83	630	2,300	4,600	--	PACE	--	c, m
	1/27/1994	--	39.08	24.61	--	14.47	12,000	420	460	600	2,200	6,400	--	PACE	--	c, m
	4/21/1994	--	39.08	--	--	--	14,000	71	160	29	1,200	13,000	--	PACE	--	c, e
	4/21/1994	--	39.08	22.96	--	16.12	12,000	110	250	150	1,900	16,010	1.5	PACE	--	c, m
	9/9/1994	--	39.08	23.85	--	15.23	9,700	75	64	280	2,000	--	2.1	PACE	--	m
	12/21/1994	--	39.08	--	--	--	--	--	--	--	--	--	--	--	--	f
	1/30/1995	--	39.08	--	--	--	--	--	--	--	--	--	--	--	--	f
	4/10/1995	--	39.08	18.07	--	21.01	3,700	69	8.7	44	130	--	8.5	ATI	--	
	6/29/1995	--	39.08	19.25	--	19.83	8,000	62	190	190	1,100	--	7.5	ATI	--	
	9/18/1995	--	39.08	20.73	--	18.35	--	--	--	--	--	--	--	--	--	
	9/19/1995	--	39.08	--	--	--	12,000	660	1,600	200	1,900	7,100	8.3	ATI	--	
	12/7/1995	--	39.08	22.49	--	16.59	41,000	8,400	7,200	710	6,300	5,200	3.6	ATI	--	
	3/28/1996	--	39.08	16.49	--	22.59	--	--	--	--	--	--	--	--	--	f
	6/20/1996	--	39.08	16.00	--	23.08	<50	<0.5	<1	<1	<1	12	--	SPL	--	
	10/11/1996	--	39.08	19.52	--	19.56	36,000	12,000	5,500	<25	3,800	880/1000	6.2	SPL	--	g
	1/2/1997	--	39.08	--	--	--	<50	61	3.8	3.5	8.1	110	--	SPL	--	e
	1/2/1997	--	39.08	15.80	--	23.28	<50	<0.5	<1.0	<1.0	<1.0	22	6.4	SPL	--	
	4/14/1997	--	39.08	17.01	--	22.07	--	--	--	--	--	--	--	--	--	
	4/15/1997	--	39.08	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	5.4	SPL	--	
	7/2/1997	--	39.08	19.68	--	19.40	<50	21	<1.0	<1.0	<1.0	41	4.1	SPL	--	
	9/30/1997	--	39.08	22.71	--	16.37	--	--	--	--	--	--	--	--	--	f
	1/21/1998	--	39.08	15.89	--	23.19	13,000	2,900	<10	230	314	3,100	3.9	SPL	--	
	4/9/1998	--	39.08	13.50	--	25.58	--	--	--	--	--	--	--	--	--	
	4/10/1998	--	39.08	--	--	--	890	<0.5	<1	<1	<1	730	4.9	SPL	--	
	6/19/1998	--	39.08	14.75	--	24.33	60	<0.5	<1.0	<1.0	<1.0	34	4.3	SPL	--	
	11/30/1998	--	39.08	19.25	--	19.83	--	--	--	--	--	--	--	--	--	
	1/21/1999	--	39.08	18.94	--	20.14	3,700	830	93	200	360	30	--	--	--	
	4/30/1999	--	39.08	19.10	--	19.98	--	--	--	--	--	--	--	--	--	
	7/9/1999	--	39.08	18.93	--	20.15	76,000	12,000	6,600	2,000	8,700	320	--	SPL	--	
	11/3/1999	--	39.08	20.65	--	18.43	--	--	--	--	--	--	--	--	--	
	1/12/2000	--	39.08	21.21	--	17.87	67,000	12,000	3,500	2,900	15,000	280	--	PACE	--	
	4/13/2000	--	39.08	21.33	--	17.75	--	--	--	--	--	--	--	--	--	
	5/24/2000	--	39.08	19.84	--	19.24	--	--	--	--	--	--	--	--	--	
	6/1/2000	--	39.08	19.04	--	20.04	--	--	--	--	--	--	--	--	--	
	6/8/2000	--	39.08	18.32	--	20.76	--	--	--	--	--	--	--	--	--	

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Well No.	Date	P/ NP	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	Comments
AW-4	6/15/2000	--	39.08	16.70	--	22.38	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	39.08	21.50	--	17.58	910	<0.5	<0.5	<0.5	<0.5	3,500	--	PACE	--	
	10/24/2000	--	39.08	22.00	--	17.08	--	--	--	--	--	--	--	---	--	
	1/19/2001	--	39.08	18.97	--	20.11	6,600	2,460	24	497	534	267	--	PACE	--	
	7/24/2001	--	39.08	18.55	--	20.53	5,100	1,080	143	409	827	115	--	PACE	--	
	1/18/2002	--	39.08	17.22	--	21.86	3,900	442	241	157	681	85.3	--	PACE	--	
	8/1/2002	--	39.08	--	--	--	--	--	--	--	--	--	--	---	--	f
	1/16/2003	--	39.08	16.85	--	22.23	2,900	260	160	120	590	<120	--	SEQ	--	p
	7/7/2003	--	39.08	17.94	--	21.14	600	90	7.9	18	36	56	--	SEQ	--	q
	02/05/2004	--	39.08	16.94	--	22.14	420	40	3.1	15	27	40	--	SEQM	6.8	
	07/01/2004	P	39.08	18.24	--	20.84	6,000	970	200	310	1,500	64	--	SEQM	6.7	
	03/16/2005	P	39.08	16.16	--	22.92	3,600	71	31	200	870	23	0.60	SEQM	6.5	
	07/22/2005	**P**	**39.08**	**15.89**	**--**	**23.19**	**4,800**	**750**	**48**	**300**	**840**	**59**	**--**	**SEQM**	**6.7**	
AW-5	4/5/1991	--	38.51	25.48	--	13.03	420	31	7.5	20	68	--	--	SUP	--	
	4/1/1992	--	38.51	23.95	--	14.56	--	--	--	--	--	--	--	---	--	
	4/2/1992	--	38.51	--	--	--	4,000	270	63	190	290	--	--	APP	--	
	7/6/1992	--	38.51	26.48	--	12.03	1,400	160	<2.5	250	58	--	--	ANA	--	
	10/7/1992	--	38.51	28.18	--	10.33	360	12	0.6	8.7	5	--	--	ANA	--	
	1/14/1993	--	38.51	24.15	--	14.36	1,700	270	7.5	130	62	--	--	PACE	--	m
	4/22/1993	--	38.51	--	--	--	3,500	780	29	240	210	--	--	PACE	--	m, e
	4/22/1993	--	38.51	22.43	--	16.08	2,700	780	30	220	180	--	--	PACE	--	m
	7/15/1993	--	38.51	--	--	--	1,300	68	8.3	64	99	<50	--	PACE	--	m, e
	7/15/1993	--	38.51	24.31	--	14.20	1,300	69	16	67	120	<50	--	PACE	--	m
	10/21/1993	--	38.51	26.05	--	12.46	510	9.6	1.5	17	45	75	--	PACE	--	c, m
	1/27/1994	--	38.51	26.42	--	12.09	420	3.3	<0.5	1	0.9	48.9	--	PACE	--	m
	4/21/1994	--	38.51	24.36	--	14.15	1,000	110	25	56	27	75	1.3	PACE	--	c, m
	9/9/1994	--	38.51	24.55	--	13.96	210	<0.5	<0.5	0.5	0.9	--	2.7	PACE	--	m
	12/21/1994	--	38.51	--	--	--	340	<0.5	15	3.3	1.4	104	--	PACE	--	m, e
	12/21/1994	--	38.51	22.30	--	16.21	410	<0.5	20	4.3	1.4	114	1.1	PACE	--	m
	1/30/1995	--	38.51	18.88	--	19.63	210	0.6	11	8.8	2	--	1.5	ATI	--	
	4/10/1995	--	38.51	18.44	--	20.07	500	1.4	0.59	6.5	4.3	--	8.3	ATI	--	
	6/29/1995	--	38.51	19.92	--	18.59	490	1.2	0.58	7.3	2.2	--	6.9	ATI	--	d
	9/18/1995	--	38.51	22.15	--	16.36	--	--	--	--	--	--	--	---	--	
	9/19/1995	--	38.51	--	--	--	260	0.62	<0.50	3.1	1.1	110	8.2	ATI	--	
	12/7/1995	--	38.51	23.75	--	14.76	60	<0.50	<0.50	<0.50	<1.0	210	4.3	ATI	--	

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Well No.	Date	P/ NP	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	Comments
AW-5	3/28/1996	--	38.51	17.76	--	20.75	<50	<0.5	<1	<1	<1	63	3.0	SPL	--	
	6/20/1996	--	38.51	18.46	--	20.05	<50	<0.5	<1	<1	<1	<10	3.6	SPL	--	
	10/11/1996	--	38.51	21.84	--	16.67	<50	<0.5	<1.0	<1.0	<1.0	<10	4.5	SPL	--	
	1/2/1997	--	38.51	18.01	--	20.50	<50	<0.5	<1.0	<1.0	<1.0	<10	4.6	SPL	--	
	4/14/1997	--	38.51	19.35	--	19.16	<50	<0.5	<1.0	<1.0	<1.0	<10	5.1	SPL	--	
	7/2/1997	--	38.51	20.29	--	18.22	<50	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL	--	
	9/30/1997	--	38.51	23.15	--	15.36	<250	<2.5	<5.0	<5.0	<5.0	1,300	6.3	SPL	--	
	1/21/1998	--	38.51	17.33	--	21.18	6,100	<0.5	2.1	<1.0	<1.0	3,700	4.5	SPL	--	
	4/9/1998	--	38.51	15.25	--	23.26	--	--	--	--	--	--	--	---	--	
	4/10/1998	--	38.51	--	--	--	3,500	<0.5	<1.0	<1.0	<1.0	3,000	5.4	SPL	--	
	6/19/1998	--	38.51	17.39	--	21.12	3,300	<0.5	<1.0	<1.0	<1.0	2,500	5.2	SPL	--	
	11/30/1998	--	38.51	--	--	--	--	--	--	--	--	--	--	---	--	f
	1/21/1999	--	38.51	21.22	--	17.29	2,800	<1.0	<1.0	<1.0	<1.0	1,800	--	SPL	--	
	4/30/1999	--	38.51	21.50	--	17.01	--	--	--	--	--	--	--	---	--	
	7/9/1999	--	38.51	20.15	--	18.36	4,000	<1.0	<1.0	<1.0	<1.0	3400/3500	--	SPL	--	g
	11/3/1999	--	38.51	22.04	--	16.47	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	38.51	22.59	--	15.92	1,000	7.3	30	6.7	40	4,600	--	PACE	--	j (TPH-g/GRO)
	4/13/2000	--	38.51	23.11	--	15.40	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	38.51	22.72	--	15.79	1,800	94	35	5.9	27	16,000	--	PACE	--	
	10/24/2000	--	38.51	20.15	--	18.36	--	--	--	--	--	--	--	---	--	
	1/19/2001	--	38.51	19.79	--	18.72	2,600	<0.5	<0.5	<0.5	<0.5	4,580	--	PACE	--	
	7/24/2001	--	38.51	20.17	--	18.34	5,400	18.4	17.2	<12.5	40.8	5,170	--	PACE	--	
	1/18/2002	--	38.51	17.34	--	21.17	3,800	343	0.738	<0.5	<1.0	3,750	--	PACE	--	
	8/1/2002	--	38.51	19.49	--	19.02	5,300	<12.5	<12.5	<12.5	<25	3,470	--	PACE	--	
	1/16/2003	--	38.51	17.30	--	21.21	1,400	140	<10	<10	<10	1,600	--	SEQ	--	p
	7/7/2003	--	38.51	18.43	--	20.08	1,400	<10	<10	<10	<10	980	--	SEQ	--	q
	02/05/2004	--	38.51	17.24	--	21.27	1,800	<10	<10	<10	<10	810	--	SEQM	6.7	
	07/01/2004	P	38.51	19.43	--	19.08	1,100	<5.0	<5.0	<5.0	<5.0	550	--	SEQM	6.6	
	03/16/2005	P	38.51	15.30	--	23.21	<5,000	<50	<50	<50	130	890	2.10	SEQM	6.7	
	07/22/2005	**P**	**38.51**	**17.22**	**--**	**21.29**	**<500**	**5.2**	**<5.0**	**<5.0**	**6.9**	**390**	**--**	**SEQM**	**6.6**	
AW-6	4/5/1991	--	37.08	22.48	--	14.60	1,100	80	19	1.4	230	--	--	SUP	--	
	4/1/1992	--	37.08	22.50	--	14.58	--	--	--	--	--	--	--	---	--	
	4/2/1992	--	37.08	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	APP	--	
	7/6/1992	--	37.08	22.74	--	14.34	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	10/7/1992	--	37.08	24.64	--	12.44	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-6	1/14/1993	--	37.08	22.36	--	14.72	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	4/22/1993	--	37.08	22.82	--	14.26	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	7/15/1993	--	37.08	20.49	--	16.59	<50	<0.5	<0.5	<0.5	0.8	<5.0	--	PACE	--	m
	10/21/1993	--	37.08	22.84	--	14.24	<50	0.5	0.6	<0.5	0.7	<5.0	--	PACE	--	m
	1/27/1994	--	37.08	22.33	--	14.75	<50	<0.5	0.9	3.1	12	<5.0	--	PACE	--	m
	4/21/1994	--	37.08	20.66	--	16.42	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.7	PACE	--	m
	9/9/1994	--	37.08	21.57	--	15.51	<50	0.9	<0.5	<0.5	0.5	--	2.9	PACE	--	m
	12/21/1994	--	37.08	19.40	--	17.68	<50	1.8	0.8	0.8	3.2	5.19	1.1	PACE	--	m
	1/30/1995	--	37.08	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	e
	1/30/1995	--	37.08	16.74	--	20.34	<50	<0.50	<0.50	<0.50	<1.0	--	2.2	ATI	--	
	4/10/1995	--	37.08	16.01	--	21.07	<50	<0.50	<0.50	<0.50	<1.0	--	8.6	ATI	--	
	6/29/1995	--	37.08	17.54	--	19.54	<50	<0.50	<0.50	<0.50	<1.0	--	6.3	ATI	--	
	9/18/1995	--	37.08	19.65	--	17.43	--	--	--	--	--	--	--	---	--	
	9/19/1995	--	37.08	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	25	8.3	ATI	--	
	12/7/1995	--	37.08	20.35	--	16.73	<50	<0.50	<0.50	<0.50	<1.0	16	4.7	ATI	--	
	3/28/1996	--	37.08	14.99	--	22.09	<50	<0.5	<1	<1	<1	<10	4.0	SPL	--	
	6/20/1996	--	37.08	15.59	--	21.49	<50	<0.5	<1	<1	<1	<10	4.6	SPL	--	
	10/11/1996	--	37.08	19.09	--	17.99	<50	<0.5	<1.0	<1.0	<1.0	<10	5.3	SPL	--	
	1/2/1997	--	37.08	15.11	--	21.97	<50	<0.5	<1.0	<1.0	<1.0	<10	5.5	SPL	--	
	4/14/1997	--	37.08	16.25	--	20.83	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	--	
	7/2/1997	--	37.08	17.99	--	19.09	<50	<0.5	<1.0	<1.0	<1.0	<10	5.2	SPL	--	
	9/30/1997	--	37.08	20.50	--	16.58	<50	<0.5	<1.0	<1.0	<1.0	<10	6.0	SPL	--	
	1/21/1998	--	37.08	15.72	--	21.36	160	<0.5	<1.0	<1.0	<1.0	110	5.0	SPL	--	
	4/9/1998	--	37.08	13.31	--	23.77	--	--	--	--	--	--	--	---	--	
	4/10/1998	--	37.08	--	--	--	370	<0.5	<1.0	<1.0	<1.0	300	4.3	SPL	--	
	6/19/1998	--	37.08	15.18	--	21.90	830	2	<1.0	<1.0	<1.0	690	4.0	SPL	--	
	11/30/1998	--	37.08	--	--	--	--	--	--	--	--	--	--	---	--	f
	1/21/1999	--	37.08	15.78	--	21.30	2,300	<1.0	<1.0	<1.0	<1.0	1,900	--	SPL	--	
	4/30/1999	--	37.08	16.01	--	21.07	--	--	--	--	--	--	--	---	--	
	7/9/1999	--	37.08	17.63	--	19.45	--	--	--	--	--	--	--	---	--	
	11/3/1999	--	37.08	18.42	--	18.66	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	37.08	19.92	--	17.16	<50	<0.5	<0.5	<0.5	<0.5	2,700	--	PACE	--	
	4/13/2000	--	37.08	19.87	--	17.21	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	37.08	19.99	--	17.09	--	--	--	--	--	--	--	---	--	
	10/24/2000	--	37.08	18.12	--	18.96	--	--	--	--	--	--	--	---	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-6	1/19/2001	--	37.08	17.04	--	20.04	2,700	<0.5	<0.5	<0.5	<0.5	4,850	--	PACE	--	
	7/24/2001	--	37.08	17.83	--	19.25	--	--	--	--	--	--	--	--	--	
	1/18/2002	--	37.08	15.54	--	21.54	5,500	614	<0.5	<0.5	<1.0	5,390	--	PACE	--	
	8/1/2002	--	37.08	16.98	--	20.10	--	--	--	--	--	--	--	--	--	
	1/16/2003	--	37.08	15.05	--	22.03	2,900	<20	<20	<20	63	2,500	--	SEQ	--	p
	7/7/2003	--	37.08	16.58	--	20.50	--	--	--	--	--	--	--	--	--	
	02/05/2004	--	37.08	15.84	--	21.24	7,000	<50	<50	<50	<50	5,400	--	SEQM	6.7	
	07/01/2004	P	37.08	17.91	--	19.17	9,600	<50	<50	<50	<50	4,600	--	SEQM	6.5	
	03/16/2005	P	37.08	16.04	--	21.04	6,700	<25	<25	<25	<25	4,400	3.0	SEQM	6.8	
	07/22/2005	**P**	**37.08**	**14.20**	**--**	**22.88**	**<5,000**	**<50**	**<50**	**<50**	**<50**	**5,500**	**--**	**SEQM**	**6.7**	
AW-7	4/5/1991	--	37.60	23.38	--	14.22	<50	0.4	0.7	<0.3	<0.3	--	--	SUP	--	
	4/1/1992	--	37.60	21.92	--	15.68	--	--	--	--	--	--	--	--	--	
	4/2/1992	--	37.60	--	--	--	<50	<0.5	3.2	1	5.4	--	--	APP	--	
	7/6/1992	--	37.60	24.50	--	13.10	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	10/7/1992	--	37.60	26.18	--	11.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	1/14/1993	--	37.60	22.03	--	15.57	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	4/22/1993	--	37.60	21.18	--	16.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	7/15/1993	--	37.60	22.09	--	15.51	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	m
	10/21/1993	--	37.60	24.05	--	13.55	51	5	4.2	3.5	8.2	<5.0	--	PACE	--	m
	1/27/1994	--	37.60	23.40	--	14.20	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	m
	4/21/1994	--	37.60	22.24	--	15.36	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.5	PACE	--	m
	9/9/1994	--	37.60	22.94	--	14.66	<50	<0.5	<0.5	<0.5	0.5	--	4.3	PACE	--	m
	12/21/1994	--	37.60	20.86	--	16.74	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.2	PACE	--	m
	1/30/1995	--	37.60	17.51	--	20.09	<50	<0.50	<0.50	<0.50	<1.0	--	2.7	ATI	--	
	4/10/1995	--	37.60	16.69	--	20.91	<50	<0.50	<0.50	<0.50	<1.0	--	4.8	ATI	--	
	6/29/1995	--	37.60	18.33	--	19.27	<50	<0.50	<0.50	<0.50	<1.0	--	7.6	ATI	--	
	9/18/1995	--	37.60	20.68	--	16.92	--	--	--	--	--	--	--	--	--	
	9/19/1995	--	37.60	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	5.1	ATI	--	
	12/7/1995	--	37.60	22.15	--	15.45	<50	<0.50	<0.50	<0.50	<1.0	<5.0	5.2	ATI	--	
	3/28/1996	--	37.60	16.38	--	21.22	<50	<0.5	<1	<1	<1	<10	3.9	SPL	--	
	6/20/1996	--	37.60	17.02	--	20.58	<50	<0.5	<1	<1	<1	<10	5.0	SPL	--	
	10/11/1996	--	37.60	20.47	--	17.13	<50	<0.5	<1.0	<1.0	<1.0	<10	6.3	SPL	--	
	1/2/1997	--	37.60	16.70	--	20.90	<50	<0.5	<1.0	<1.0	<1.0	<10	6.2	SPL	--	
	4/14/1997	--	37.60	17.96	--	19.64	<50	<0.5	<1.0	<1.0	<1.0	<10	5.0	SPL	--	
	7/2/1997	--	37.60	19.11	--	18.49	<50	<0.5	<1.0	<1.0	<1.0	<10	5.4	SPL	--	

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Groundwater Elevation and Analytical Data

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2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-7	9/30/1997	--	37.60	22.97	--	14.63	<250	<2.5	<5.0	<5.0	<5.0	1,100	6.5	SPL	--	
	1/21/1998	--	37.60	16.50	--	21.10	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9	SPL	--	
	4/9/1998	--	37.60	13.56	--	24.04	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9	SPL	--	
	6/19/1998	--	37.60	15.41	--	22.19	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	--	
	11/30/1998	--	37.60	18.90	--	18.70	--	--	--	--	--	--	--	---	--	
	1/21/1999	--	37.60	18.39	--	19.21	--	--	--	--	--	--	--	---	--	
	4/30/1999	--	37.60	18.54	--	19.06	--	--	--	--	--	--	--	---	--	
	7/9/1999	--	37.60	17.98	--	19.62	--	--	--	--	--	--	--	---	--	
	11/3/1999	--	37.60	20.22	--	17.38	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	37.60	19.46	--	18.14	--	--	--	--	--	--	--	---	--	
	4/13/2000	--	37.60	19.59	--	18.01	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	37.60	19.69	--	17.91	--	--	--	--	--	--	--	---	--	
	10/24/2000	--	37.60	18.78	--	18.82	--	--	--	--	--	--	--	---	--	
	1/19/2001	--	37.60	--	--	--	--	--	--	--	--	--	--	---	--	f
	7/25/2001	--	37.60	--	--	--	--	--	--	--	--	--	--	---	--	f
	1/18/2002	--	37.60	--	--	--	--	--	--	--	--	--	--	---	--	o
	8/1/2002	--	37.60	--	--	--	--	--	--	--	--	--	--	---	--	o
	1/16/2003	--	37.60	--	--	--	--	--	--	--	--	--	--	---	--	o
	7/7/2003	--	37.60	--	--	--	--	--	--	--	--	--	--	---	--	o
	02/05/2004	--	37.60	--	--	--	--	--	--	--	--	--	--	--	--	o
	07/01/2004	--	37.60	--	--	--	--	--	--	--	--	--	--	--	--	o
	03/16/2005	--	37.60	--	--	--	--	--	--	--	--	--	--	--	--	o
	07/22/2005	--	**37.60**	--	--	--	--	--	--	--	--	--	--	--	--	o
AW-8	4/5/1991	--	40.86	26.68	--	14.18	80	1.9	2.2	0.5	1.3	--	--	SUP	--	
	4/1/1992	--	40.86	25.11	--	15.75	73	<0.5	0.7	<0.5	0.6	--	--	APP	--	
	7/6/1992	--	40.86	26.43	--	14.43	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	10/7/1992	--	40.86	28.59	--	12.27	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	1/14/1993	--	40.86	25.55	--	15.31	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	4/22/1993	--	40.86	22.29	--	18.57	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	7/15/1993	--	40.86	23.42	--	17.44	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	m
	10/21/1993	--	40.86	25.15	--	15.71	<50	1.9	1.8	1.3	3.3	<5.0	--	PACE	--	m
	1/27/1994	--	40.86	25.42	--	15.44	<50	<0.5	0.5	0.6	8.5	<5.0	--	PACE	--	m
	4/21/1994	--	40.86	24.14	--	16.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.5	PACE	--	m
	9/9/1994	--	40.86	24.55	--	16.31	<50	<0.5	<0.5	<0.5	<0.5	--	2.4	PACE	--	m
	12/21/1994	--	40.86	22.72	--	18.14	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.1	PACE	--	m

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Well No.	Date	P/ NP	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	Comments
AW-8	1/30/1995	--	40.86	19.75	--	21.11	<50	<0.50	1	<0.50	1	--	0.8	ATI	--	
	4/10/1995	--	40.86	17.78	--	23.08	<50	<0.50	<0.50	<0.50	<1.0	--	8.3	ATI	--	
	6/29/1995	--	40.86	18.18	--	22.68	<50	<0.50	<0.50	<0.50	<1.0	--	8.3	ATI	--	
	9/18/1995	--	40.86	20.20	--	20.66	--	--	--	--	--	--	--	---	--	
	9/19/1995	--	40.86	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	7.7	ATI	--	
	12/7/1995	--	40.86	21.54	--	19.32	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.4	ATI	--	
	3/28/1996	--	40.86	15.77	--	25.09	<50	<0.5	<1	<1	<1	<10	3.8	SPL	--	
	6/20/1996	--	40.86	16.41	--	24.45	<50	<0.5	<1	<1	<1	<10	3.6	SPL	--	
	10/11/1996	--	40.86	19.90	--	20.96	<50	<0.5	<1.0	<1.0	<1.0	<10	6.4	SPL	--	
	1/2/1997	--	40.86	15.89	--	24.97	<50	<0.5	<1.0	<1.0	<1.0	<10	5.9	SPL	--	
	4/14/1997	--	40.86	17.07	--	23.79	<50	<0.5	<1.0	<1.0	<1.0	<10	4.6	SPL	--	
	7/2/1997	--	40.86	18.67	--	22.19	<50	<0.5	<1.0	<1.0	<1.0	<10	5.6	SPL	--	
	9/30/1997	--	40.86	22.52	--	18.34	<50	<5	<10	<10	<10	820	6.7	SPL	--	
	1/21/1998	--	40.86	16.01	--	24.85	<50	<0.5	<1.0	<1.0	<1.0	<10	5.2	SPL	--	
	4/9/1998	--	40.86	11.18	--	29.68	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	--	
	6/19/1998	--	40.86	13.01	--	27.85	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL	--	
	11/30/1998	--	40.86	17.46	--	23.40	--	--	--	--	--	--	--	---	--	
	1/21/1999	--	40.86	17.47	--	23.39	--	--	--	--	--	--	--	---	--	
	4/30/1999	--	40.86	17.60	--	23.26	--	--	--	--	--	--	--	---	--	
	7/9/1999	--	40.86	16.50	--	24.36	--	--	--	--	--	--	--	---	--	
	11/3/1999	--	40.86	19.29	--	21.57	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	40.86	21.49	--	19.37	--	--	--	--	--	--	--	---	--	
	4/13/2000	--	40.86	21.60	--	19.26	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	40.86	21.53	--	19.33	--	--	--	--	--	--	--	---	--	
	10/24/2000	--	40.86	19.37	--	21.49	--	--	--	--	--	--	--	---	--	
	1/19/2001	--	40.86	18.60	--	22.26	--	--	--	--	--	--	--	---	--	
	7/24/2001	--	40.86	18.22	--	22.64	--	--	--	--	--	--	--	---	--	
	1/18/2002	--	40.86	16.29	--	24.57	--	--	--	--	--	--	--	---	--	
	8/1/2002	--	40.86	17.25	--	23.61	--	--	--	--	--	--	--	---	--	
	1/16/2003	--	40.86	15.82	--	25.04	--	--	--	--	--	--	--	---	--	
	7/7/2003	--	40.86	18.55	--	22.31	--	--	--	--	--	--	--	---	--	
	02/05/2004	--	40.86	--	--	--	--	--	--	--	--	--	--	--	--	t
	07/01/2004	--	40.86	18.25	--	22.61	--	--	--	--	--	--	--	--	--	t
	03/16/2005	P	40.86	15.20	--	25.66	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.50	SEQM	7.3	
	07/22/2005	--	**40.86**	--	--	--	--	--	--	--	--	--	--	--	--	**f**

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
AW-9	1/2/1997	--	37.78	10.00	--	27.78	<50	<0.5	<1.0	<1.0	<1.0	<10	6.7	SPL	--	
	4/14/1997	--	37.78	--	--	--	--	--	--	--	--	--	--	--	--	f
	7/2/1997	--	37.78	12.71	--	25.07	<50	<0.5	<1.0	<1.0	<1.0	<10	6.0	SPL	--	
	9/30/1997	--	37.78	21.22	--	16.56	<50	<0.5	<1.0	<1.0	<1.0	<10	6.8	SPL	--	
	1/21/1998	--	37.78	10.26	--	27.52	<50	<0.5	<1.0	<1.0	<1.0	<10	5.3	SPL	--	
	4/9/1998	--	37.78	6.77	--	31.01	<50	<0.5	<1.0	<1.0	<1.0	<10	5.6	SPL	--	
	6/19/1998	--	37.78	8.96	--	28.82	<50	<0.5	<1.0	<1.0	<1.0	<10	4.8	SPL	--	
MW-1	4/5/1991	--	34.46	--	--	--	--	--	--	--	--	--	--	---	--	
	4/1/1992	--	34.46	11.25	0.01	23.20	--	--	--	--	--	--	--	---	--	
	7/6/1992	--	34.46	13.61	0.02	20.83	--	--	--	--	--	--	--	---	--	
	10/7/1992	--	34.46	15.15	0.09	19.22	--	--	--	--	--	--	--	---	--	
	1/14/1993	--	34.46	10.73	0.01	23.72	--	--	--	--	--	--	--	---	--	
	4/22/1993	--	34.46	11.64	0.16	22.66	--	--	--	--	--	--	--	---	--	
	7/15/1993	--	34.46	13.50	1.11	19.85	--	--	--	--	--	--	--	---	--	
	10/21/1993	--	34.46	15.21	1.00	18.25	--	--	--	--	--	--	--	---	--	
	1/27/1994	--	34.46	17.48	0.81	16.17	--	--	--	--	--	--	--	---	--	
	4/21/1994	--	34.46	10.94	--	23.52	110,000	1,400	9,100	3,400	30,000	11,000	1.6	PACE	--	c
	9/9/1994	--	34.46	13.80	--	20.66	--	--	--	--	--	--	--	---	--	
	12/21/1994	--	34.46	12.60	0.02	21.84	--	--	--	--	--	--	--	---	--	
	1/30/1995	--	34.46	--	--	--	--	--	--	--	--	--	--	---	--	
	4/10/1995	--	34.46	10.62	--	23.84	--	--	--	--	--	--	--	---	--	
	6/29/1995	--	34.46	18.72	--	15.74	--	--	--	--	--	--	--	---	--	
	9/18/1995	--	34.46	12.92	--	21.54	--	--	--	--	--	--	--	---	--	
	12/7/1995	--	34.46	13.82	--	20.64	--	--	--	--	--	--	--	---	--	
	3/28/1996	--	34.46	10.03	0.01	24.42	--	--	--	--	--	--	--	---	--	
	6/20/1996	--	34.46	11.29	0.02	23.15	--	--	--	--	--	--	--	---	--	
	10/11/1996	--	34.46	14.86	0.01	19.59	--	--	--	--	--	--	--	---	--	
	1/2/1997	--	34.46	11.03	0.01	23.42	--	--	--	--	--	--	--	---	--	
	4/14/1997	--	34.46	12.25	0.01	22.20	--	--	--	--	--	--	--	---	--	
	4/15/1997	--	34.46	--	--	--	35,000	130	650	1,700	8,200	4,800	--	SPL	--	
	7/2/1997	--	34.46	14.11	--	20.35	42,000	<250	<500	2,000	9,600	<5000	5.5	SPL	--	
	9/30/1997	--	34.46	14.40	--	20.06	61,000	130	1,100	2,700	14,600	2,000	6.7	SPL	--	
	1/21/1998	--	34.46	7.99	0.01	26.46	14,000	11	60	310	1,790	1,300	4.5	SPL	--	
	4/9/1998	--	34.46	7.89	--	26.57	--	--	--	--	--	--	--	---	--	
	4/10/1998	--	34.46	--	--	--	45,000	380	520	2,100	6,800	9,300	5.3	SPL	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
MW-1	6/19/1998	--	34.46	10.31	--	24.15	35,000	170	100	1,100	3,590	5,000	4.9	SPL	--	
	11/30/1998	--	34.46	11.16	--	23.30	10,000	100	24	350	1,040	1800/2800	--	SPL	--	g
	1/21/1999	--	34.46	10.76	--	23.70	18,000	120	37	590	1,800	2,700	--	SPL	--	
	4/30/1999	--	34.46	10.78	--	23.68	17,000	240	89	1,100	1,900	1,600	--	SPL	--	
	7/9/1999	--	34.46	12.62	--	21.84	58,000	140	100	1,800	6,900	1,200	--	SPL	--	
	11/3/1999	--	34.46	14.00	--	20.46	20,000	62	42	620	2,100	630	--	PACE	--	
	1/12/2000	--	34.46	15.25	--	19.21	72,000	110	120	2,400	8,200	630	--	PACE	--	
	4/13/2000	--	34.46	15.57	--	18.89	37,000	300	32	1,000	1,700	810	--	PACE	--	
	5/24/2000	--	34.46	11.75	--	22.71	--	--	--	--	--	--	--	---	--	
	6/1/2000	--	34.46	11.41	--	23.05	--	--	--	--	--	--	--	---	--	
	6/8/2000	--	34.46	11.68	--	22.78	--	--	--	--	--	--	--	---	--	
	6/15/2000	--	34.46	11.85	--	22.61	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	34.46	16.19	--	18.27	10,000	480	210	470	710	1,100	--	PACE	--	
	10/24/2000	--	34.46	13.89	--	20.57	9,900	31	7.2	550	1,200	4,400	--	PACE	--	
	1/19/2001	--	34.46	12.90	--	21.56	57,000	199	7.66	1,170	3,260	514	--	PACE	--	
	7/24/2001	--	34.46	13.55	--	20.91	27,000	96.7	<5.0	548	1,460	285	--	PACE	--	
	1/18/2002	--	34.46	10.91	--	23.55	25,000	150	31.5	597	1,040	138	--	PACE	--	
	8/1/2002	--	34.46	12.97	--	21.49	25,000	80.2	17.7	714	1,280	489	--	PACE	--	
	1/16/2003	--	34.46	10.45	--	24.01	22,000	170	110	630	670	<500	--	SEQ	--	p
	7/7/2003	--	34.46	12.40	--	22.06	9,900	42	<5.0	160	150	24	--	SEQ	--	q, u
	02/05/2004	--	34.46	10.26	--	24.20	6,200	56	11	250	210	9.2	--	SEQM	6.9	
	07/01/2004	--	34.46	13.20	--	21.26	18,000	<50	<50	210	300	<50	--	SEQM	--	u
	03/16/2005	P	34.46	9.62	--	24.84	7,600	33	5.4	200	130	<5.0	0.90	SEQM	6.9	
	07/22/2005	**P**	**34.46**	**11.23**	**--**	**23.23**	**15,000**	**<10**	**<10**	**110**	**130**	**<10**	**--**	**SEQM**	**6.8**	**u**
MW-2	4/5/1991	--	35.50	16.62	--	18.88	<50	0.6	0.9	<0.3	<0.3	--	--	SUP	--	
	4/1/1992	--	35.50	11.25	--	24.25	--	--	--	--	--	--	--	---	--	
	4/2/1992	--	35.50	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	APP	--	
	7/6/1992	--	35.50	12.72	--	22.78	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	10/7/1992	--	35.50	15.08	--	20.42	<50	<0.5	1.8	<0.5	2.3	--	--	ANA	--	
	1/14/1993	--	35.50	9.69	--	25.81	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	m
	4/22/1993	--	35.50	10.46	--	25.04	<50	<0.5	<0.5	<0.5	<0.5	30	--	PACE	--	c
	7/15/1993	--	35.50	12.02	--	23.48	<50	<0.5	<0.5	<0.5	<0.5	21.7	--	PACE	--	c, m
	10/21/1993	--	35.50	13.12	--	22.38	<50	0.7	0.9	<0.5	0.9	14.9	--	PACE	--	m
	1/27/1994	--	35.50	12.01	--	23.49	<50	0.6	<0.5	<0.5	<0.5	11.5	--	PACE	--	m
	4/21/1994	--	35.50	10.60	--	24.90	<50	<0.5	<0.5	<0.5	<0.5	11.4	1.1	PACE	--	m

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Groundwater Elevation and Analytical Data

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Well No.	Date	P/ NP	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	Comments
MW-2	9/9/1994	--	35.50	12.42	--	23.08	<50	<0.5	<0.5	<0.5	0.6	--	2.2	PACE	--	m
	12/21/1994	--	35.50	10.85	--	24.65	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.2	PACE	--	m
	1/30/1995	--	35.50	8.38	--	27.12	<50	<0.50	<0.50	<0.50	<1.0	--	1.7	ATI	--	
	4/10/1995	--	35.50	9.00	--	26.50	<50	<0.50	<0.50	<0.50	<1.0	--	7.8	ATI	--	
	6/29/1995	--	35.50	9.91	--	25.59	<50	<0.50	<0.50	<0.50	<1.0	--	9.1	ATI	--	
	9/18/1995	--	35.50	10.98	--	24.52	--	--	--	--	--	--	--	---	--	
	9/19/1995	--	35.50	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	7.2	ATI	--	
	12/7/1995	--	35.50	12.30	--	23.20	<50	<0.50	<0.50	<0.50	<1.0	<5.0	2.4	ATI	--	
	3/28/1996	--	35.50	8.57	--	26.93	<50	<0.5	<1	<1	<1	<10	3.2	SPL	--	
	6/20/1996	--	35.50	9.77	--	25.73	<50	<0.5	<1	<1	<1	<10	4.2	SPL	--	
	10/11/1996	--	35.50	13.32	--	22.18	<50	<0.5	<1.0	<1.0	<1.0	<10	6.3	SPL	--	
	1/2/1997	--	35.50	9.60	--	25.90	<50	<0.5	<1.0	<1.0	<1.0	<10	6.7	SPL	--	
	4/14/1997	--	35.50	10.93	--	24.57	<50	<0.5	<1.0	<1.0	<1.0	<10	5.7	SPL	--	
	7/2/1997	--	35.50	12.57	--	22.93	<50	<0.5	<1.0	<1.0	<1.0	<10	5.9	SPL	--	
	9/30/1997	--	35.50	12.91	--	22.59	<50	<0.5	<1.0	<1.0	<1.0	<10	6.3	SPL	--	
	1/21/1998	--	35.50	10.12	--	25.38	160	<0.5	<1.0	<1.0	<1.0	100	5.4	SPL	--	
	4/9/1998	--	35.50	6.82	--	28.68	--	--	--	--	--	--	--	---	--	
	4/10/1998	--	35.50	--	--	--	<50	1	<1.0	<1.0	<1.0	23	5.0	SPL	--	
	6/19/1998	--	35.50	9.00	--	26.50	<50	<0.5	<1.0	<1.0	<1.0	<10	4.9	SPL	--	
	11/30/1998	--	35.50	9.44	--	26.06	--	--	--	--	--	--	--	---	--	
	1/21/1999	--	35.50	8.96	--	26.54	<50	<1.0	<1.0	<.1.0	<1.0	1.9	--	SPL	--	
	4/30/1999	--	35.50	9.15	--	26.35	--	--	--	--	--	--	--	---	--	
	7/9/1999	--	35.50	10.82	--	24.68	--	--	--	--	--	--	--	---	--	
	11/3/1999	--	35.50	11.86	--	23.64	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	35.50	12.35	--	23.15	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--	
	4/13/2000	--	35.50	13.01	--	22.49	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	35.50	13.01	--	22.49	--	--	--	--	--	--	--	---	--	
	10/24/2000	--	35.50	11.57	--	23.93	--	--	--	--	--	--	--	---	--	
	1/19/2001	--	35.50	10.52	--	24.98	--	--	--	--	--	--	--	---	--	
	7/24/2001	--	35.50	11.13	--	24.37	--	--	--	--	--	--	--	---	--	
	1/18/2002	--	35.50	8.85	--	26.65	--	--	--	--	--	--	--	---	--	
	8/1/2002	--	35.50	10.47	--	25.03	--	--	--	--	--	--	--	---	--	
	1/14/2003	--	35.50	8.49	--	27.01	--	--	--	--	--	--	--	---	--	
	7/7/2003	--	35.50	9.63	--	25.87	--	--	--	--	--	--	--	---	--	
	02/05/2004	--	35.50	8.40	--	27.10	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
MW-2	07/01/2004	NP	35.50	9.94	--	25.56	--	--	--	--	--	--	--	--	--	
	03/16/2005	P	35.50	8.39	--	27.11	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.30	SEQM	7.1	
	07/22/2005	**--**	**35.50**	**8.80**	**--**	**26.70**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-3	4/5/1991	--	36.53	17.84	--	18.69	<50	<0.3	<0.3	<0.3	<0.3	--	--	SUP	--	
	4/1/1992	--	36.53	15.64	--	20.89	--	--	--	--	--	--	--	---	--	
	4/2/1992	--	36.53	--	--	--	<50	1.4	<0.5	<0.5	<0.5	--	--	APP	--	
	7/6/1992	--	36.53	19.03	--	17.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	10/7/1992	--	36.53	21.83	--	14.70	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
	1/14/1993	--	36.53	15.96	--	20.57	350	<0.5	<0.5	<0.5	<0.5	714	--	PACE	--	c, m
	4/22/1993	--	36.53	16.20	--	20.33	2,800	<0.5	<0.5	<0.5	<0.5	3,600	--	PACE	--	c, m
	7/15/1993	--	36.53	16.82	--	19.71	1,400	1.2	<0.5	2	3.5	2,204	--	PACE	--	c, m
	10/21/1993	--	36.53	18.84	--	17.69	370	2.1	2.3	2.3	6	847	--	PACE	--	c, m
	1/27/1994	--	36.53	18.00	--	18.53	1,300	6.3	<0.5	<0.5	<0.5	3,892	--	PACE	--	c, m
	4/21/1994	--	36.53	16.62	--	19.91	2,000	<0.5	<0.5	<0.5	<0.5	3,864	1.4	PACE	--	c, m
	9/9/1994	--	36.53	18.38	--	18.15	1,300	<0.5	<0.5	0.5	1.2	--	3.0	PACE	--	m
	12/21/1994	--	36.53	15.28	--	21.25	420	16	0.7	3.5	5.9	800	1.9	PACE	--	m
	1/30/1995	--	36.53	12.62	--	23.91	<50	<0.50	<0.50	<0.50	<1.0	--	2.5	ATI	--	
	4/10/1995	--	36.53	12.41	--	24.12	150	<0.50	<0.50	<0.50	<1.0	--	6.9	ATI	--	
	6/29/1995	--	36.53	14.95	--	21.58	100	<0.50	<0.50	<0.50	<1.0	--	6.4	ATI	--	d (TPH-g)
	9/18/1995	--	36.53	15.82	--	20.71	--	--	--	--	--	--	--	--	--	
	9/19/1995	--	36.53	--	--	--	82	<0.50	<0.50	<0.50	<1.0	260	7.0	ATI	--	
	12/7/1995	--	36.53	17.09	--	19.44	<50	<0.50	<0.50	<0.50	<1.0	91	4.5	ATI	--	
	3/28/1996	--	36.53	11.90	--	24.63	<50	<0.5	<1	<1	<1	230	4.2	SPL	--	
	6/20/1996	--	36.53	12.66	--	23.87	260	<0.5	<1	<1	<1	370	4.4	SPL	--	
	10/11/1996	--	36.53	16.23	--	20.30	330	<0.5	<1.0	<1.0	<1.0	440	5.8	SPL	--	
	1/2/1997	--	36.53	12.17	--	24.36	<50	<0.5	<1.0	<1.0	<1.0	140	6.0	SPL	--	
	4/14/1997	--	36.53	13.45	--	23.08	--	--	--	--	--	--	--	---	--	
	4/15/1997	--	36.53	--	--	--	1,500	<0.5	<1.0	<1.0	<1.0	1,800	5.6	SPL	--	
	7/2/1997	--	36.53	15.60	--	20.93	880	<0.5	<1.0	<1.0	<1.0	940	5.3	SPL	--	
	9/30/1997	--	36.53	17.16	--	19.37	40,000	13,000	2,400	870	3,100	510	6.6	SPL	--	
	1/21/1998	--	36.53	11.77	--	24.76	120	<0.5	<1.0	<1.0	<1.0	98	4.7	SPL	--	
	4/9/1998	--	36.53	9.42	--	27.11	950	<0.5	<1.0	<1.0	<1.0	890	5.7	SPL	--	
	6/19/1998	--	36.53	12.09	--	24.44	1,800	<0.5	<1.0	<1.0	<1.0	1,900	4.7	SPL	--	
	6/19/1998	--	36.53	15.28	--	21.25	1,800	<0.5	<1.0	<1.0	<1.0	1,900	4.7	SPL	--	
	1/21/1999	--	36.53	14.67	--	21.86	1,100	<1.0	<1.0	<1.0	<1.0	1,200	--	SPL	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
MW-3	4/30/1999	--	36.53	16.00	--	20.53	--	--	--	--	--	--	--	---	--	
	7/9/1999	--	36.53	14.64	--	21.89	470	<1.0	<1.0	<1.0	<1.0	460/470	--	SPL	--	g
	11/3/1999	--	36.53	16.39	--	20.14	--	--	--	--	--	--	--	---	--	
	1/12/2000	--	36.53	16.80	--	19.73	<50	<0.5	<0.5	<0.5	<0.5	34	--	PACE	--	
	4/13/2000	--	36.53	16.43	--	20.10	--	--	--	--	--	--	--	---	--	
	7/26/2000	--	36.53	16.93	--	19.60	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--	
	10/24/2000	--	36.53	15.69	--	20.84	--	--	--	--	--	--	--	—	--	
	1/19/2001	--	36.53	14.84	--	21.69	<50	<0.5	<0.5	<0.5	1	25.9	--	PACE	--	
	7/23/2001	--	36.53	15.11	--	21.42	62	<0.5	<0.5	<0.5	<1.5	28.7	--	PACE	--	
	1/18/2002	--	36.53	12.37	--	24.16	<50	<0.5	<0.5	<0.5	<1.0	17.8	--	PACE	--	
	8/1/2002	--	36.53	14.44	--	22.09	66	<0.5	<0.5	<0.5	<1.0	<0.5	--	PACE	--	
	1/16/2003	--	36.53	12.07	--	24.46	<50	<0.50	<0.50	<0.50	<0.50	20	--	SEQ	--	p
	7/7/2003	--	36.53	13.90	--	22.63	<50	<0.50	<0.50	<0.50	<0.50	8.8	--	SEQ	--	q
	02/05/2004	--	36.53	12.60	--	23.93	<50	<0.50	<0.50	<0.50	<0.50	4.6	--	SEQM	7.0	
	07/01/2004	--	36.53	14.57	--	21.96	<50	<0.50	<0.50	<0.50	<0.50	3.3	--	SEQM	--	
	03/16/2005	P	36.53	11.03	--	25.50	<50	<0.50	<0.50	<0.50	<0.50	4.4	1.50	SEQM	6.8	
	07/22/2005	**P**	**36.53**	**12.68**	**--**	**23.85**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**4.1**	**--**	**SEQM**	**6.8**	
QC-2	10/7/1992	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	i
	1/14/1993	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i, m
	4/22/1993	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i, m
	7/15/1993	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	i, m
	10/21/1993	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i
	1/27/1994	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i
	4/21/1994	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i
	9/9/1994	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i
	12/21/1994	--	37.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i
	1/30/1995	--	37.73	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	i
	4/10/1995	--	37.73	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	i
	6/27/1995	--	37.73	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	i
	9/19/1995	--	37.73	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	i
	12/7/1995	--	37.73	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	i
	3/28/1996	--	37.73	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	i
	6/20/1996	--	37.73	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	i
RW-1	4/5/1991	--	37.73	--	--	--	--	--	--	--	--	--	--	---	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
RW-1	4/1/1992	--	37.73	22.81	0.30	14.62	--	--	--	--	--	--	--	--	--	
	7/6/1992	--	37.73	26.92	0.41	10.40	--	--	--	--	--	--	--	--	--	
	10/7/1992	--	37.73	28.51	1.26	7.96	--	--	--	--	--	--	--	--	--	
	1/14/1993	--	37.73	23.75	0.25	13.73	--	--	--	--	--	--	--	--	--	
	4/22/1993	--	37.73	22.70	1.38	13.65	--	--	--	--	--	--	--	--	--	
	7/15/1993	--	37.73	26.10	0.81	10.82	--	--	--	--	--	--	--	--	--	
	10/21/1993	--	37.73	25.40	0.49	11.84	--	--	--	--	--	--	--	--	--	
	1/27/1994	--	37.73	28.02	0.37	9.34	--	--	--	--	--	--	--	--	--	
	4/21/1994	--	37.73	23.10	0.91	13.72	--	--	--	--	--	--	--	--	--	
	9/9/1994	--	37.73	24.39	1.04	12.30	--	--	--	--	--	--	--	--	--	
	12/21/1994	--	37.73	--	--	--	--	--	--	--	--	--	--	--	--	h
	12/7/1995	--	37.73	25.71	1.04	10.98	150,000	34,000	35,000	4,300	21,000	2,700	--	ATI	--	
	3/28/1996	--	37.73	16.75	0.18	20.80	--	--	--	--	--	--	--	--	--	
	6/20/1996	--	37.73	25.10	0.02	12.61	--	--	--	--	--	--	--	--	--	h
	10/11/1996	--	37.73	25.51	0.00	12.22	130,000	20,000	32,000	2,800	20,700	1400/1200	7.4	SPL	--	g
	1/2/1997	--	37.73	24.49	0.01	13.23	--	--	--	--	--	--	--	--	--	
	4/14/1997	--	37.73	23.99	0.04	13.70	--	--	--	--	--	--	--	--	--	
	4/15/1997	--	37.73	--	--	--	1,800,000	38,000	190,000	48,000	281,000	<25000	--	SPL	--	
	7/2/1997	--	37.73	--	--	--	130,000	19,000	54,000	4,700	33,400	<10000	--	SPL	--	e
	7/2/1997	--	37.73	16.40	0.20	21.13	140,000	19,000	55,000	4,400	32,400	<10000	5.7	SPL	--	
	9/30/1997	--	37.73	--	--	--	140,000	17,000	29,000	2,500	15,900	1,200	--	SPL	--	e
	9/30/1997	--	37.73	27.97	0.02	9.74	110,000	13,000	22,000	2,000	12,500	1,100	7.0	SPL	--	
	1/21/1998	--	37.73	14.14	0.44	23.15	270,000	21,000	48,000	3,500	25,000	1,100	4.8	SPL	--	
	4/9/1998	--	37.73	25.01	0.05	12.67	--	--	--	--	--	--	--	--	--	
	4/10/1998	--	37.73	--	--	--	220,000	26,000	46,000	4,400	24,500	<2500	5.1	SPL	--	
	6/19/1998	--	37.73	11.43	--	26.30	180,000	19,000	32,000	3,000	17,400	<2500	4.6	SPL	--	
	11/30/1998	--	37.73	7.87	--	29.86	--	--	--	--	--	--	--	--	--	
	1/21/1999	--	37.73	18.90	0.03	18.80	260,000	24,000	46,000	5,100	30,000	1,700	--	SPL	--	
	7/9/1999	--	37.73	18.58	0.26	18.89	--	--	--	--	--	--	--	--	--	
	11/3/1999	--	37.73	20.85	0.60	16.28	160,000	19,000	37,000	3,800	25,000	1,500	--	PACE	--	
	1/12/2000	--	37.73	21.20	0.23	16.30	240,000	18,000	46,000	5,800	26,000	2,100	--	PACE	--	
	4/13/2000	--	37.73	21.71	0.11	15.91	120,000	2,100	33,000	2,800	28,000	1,500	--	PACE	--	
	5/24/2000	--	37.73	21.89	0.24	15.60	--	--	--	--	--	--	--	--	--	
	6/1/2000	--	37.73	16.30	0.01	21.42	--	--	--	--	--	--	--	--	--	
	6/8/2000	--	37.73	17.88	0.20	19.65	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

Well No.	Date	P/ NP	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	Comments
RW-1	6/15/2000	--	37.73	16.72	0.04	20.97	--	--	--	--	--	--	--	--	--	
	6/20/2000	--	37.73	21.04	0.20	16.49	--	--	--	--	--	--	--	--	--	
	7/7/2000	--	37.73	17.21	0.01	20.51	--	--	--	--	--	--	--	--	--	
	7/20/2000	--	37.73	21.87	0.18	15.68	--	--	--	--	--	--	--	--	--	
	7/26/2000	--	37.73	21.45	0.13	16.15	67,000	160	5,300	2,100	18,000	1,100	--	PACE	--	
	7/31/2000	--	37.73	22.11	--	15.62	--	--	--	--	--	--	--	--	--	
	8/8/2000	--	37.73	17.80	0.01	19.92	--	--	--	--	--	--	--	--	--	
	8/16/2000	--	37.73	17.92	--	19.81	--	--	--	--	--	--	--	--	--	
	8/23/2000	--	37.73	18.11	0.02	19.60	--	--	--	--	--	--	--	--	--	
	10/24/2000	--	37.73	18.93	--	18.80	--	--	--	--	--	--	--	--	--	
	10/25/2000	--	37.73	19.04	--	18.69	360,000	18,000	78,000	34,000	180,000	2,100	--	PACE	--	k
	1/19/2001	--	37.73	18.19	0.05	19.49	110,000	9,450	19,600	3,510	21,100	1,270	--	PACE	--	
	7/24/2001	--	37.73	17.93	--	19.80	--	--	--	--	--	--	--	--	--	l
	1/18/2002	--	37.73	14.87	--	22.86	63,000	2,060	4,370	1,770	13,900	491	--	PACE	--	
	8/1/2002	--	37.73	16.84	--	20.89	60,000	1,210	2,200	1,520	10,600	390	--	PACE	--	
	1/16/2003	--	37.73	14.42	--	23.31	34,000	2,500	2,700	780	5,300	680	--	SEQ	--	p
	7/7/2003	--	37.73	16.11	--	21.62	50,000	640	280	1,600	10,000	<250	--	SEQ	--	q, u
	07/01/2004	P	37.73	16.75	--	20.98	47,000	320	87	1,900	7,500	72	--	SEQM	6.7	
	03/16/2005	P	37.73	12.48	--	25.25	17,000	28	23	350	590	53	1.0	SEQM	6.8	
	07/22/2005	**P**	**37.73**	**14.40**	**0.01**	**23.34**	**5,900**	**50**	**35**	**120**	**220**	**51**	**--**	**SEQM**	**6.7**	**u**
VEW-4	**07/22/2005**	**P**	**--**	**14.04**	**--**	**--**	**680**	**41**	**24**	**20**	**67**	**<0.50**	**--**	**SEQM**	**6.8**	
VEW-5	**07/22/2005**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**v**
VEW-8	**07/22/2005**	**P**	**--**	**14.24**	**--**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**--**	**SEQM**	**6.8**	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
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ABBREVIATIONS & SYMBOLS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
DO = Dissolved oxygen
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
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
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
SPL = Southern Petroleum Laboratories
SEQ/SEQM= Sequoia Analytical/Sequoia Morgan Hill Laboratories

FOOTNOTES:
c = A copy of the documentation for this data is included in Appendix C of Alistoreport 10-025-13-003.
d = MTBE peak. See documentation in Appendix C of Alisto report 10-025-13-003.
e = Blind duplicate.
f = Well inaccessible.
g = EPA Methods 8020/8260 used.
h = Well not monitored and/or sampled due to vapor extraction system.
i = Travel blank.
j = This gasoline does not include MTBE.
k = Well was sampled on a different date from the other wells due to lack of proper equipment.
l = Unable to sample due to nature of product.
m = A copy of the documentation for this data is included in Blaine Tech Services, Inc., Report 010724-B-2.The data for sampling events January 14, 1993 and April 22, 1993 has been destroyed.No chromatograms could be located for samples AW-2 on January 27, 1994, and for samples AW-1, AW-2, AW-3, AW-4, AW-5, AW-6, AW-7, AW-8, MW-2 and MW-3 on September 9, 1994.
n = On June 1, 2001, after reviewing chromatograms, Sequoia reported the value as <5.0.
o = Unable to locate well.
p = TPH-g data analyzed by EPA Method 8015B modified; BTEX and MTBE by EPA Method 8021B
q = TPH-g, BTEX, and MTBE analyzed by EPA method 8260B beginning on the third quarter 2003 sampling event 07/07/03 =
r = Discrete peak at C5
t = Well was not gauged during the quarter due to an oversite by the technician.
u = Sheen in well
v = Well was dry

NOTES:
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 of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported.

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11133
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Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12

Values for DO and pH were obtained through 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.

GWEs adjusted assuming a specific gravity of 0.75 for free product

Table 2

Fuel Additives Analytical Data

Former BP Station #11133
2220 98th Ave., 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
AW-1	7/7/2003	<5,000	<1,000	1,100	<25	<25	190	--	--	
	02/05/2004	<10,000	<2,000	930	<50	<50	160	<50	<50	
	07/01/2004	<5,000	<1,000	1,100	<25	<25	170	<25	<25	
	03/16/2005	<5,000	<1,000	720	<25	<25	130	<25	<25	
	07/22/2005	**<1,000**	**<200**	**510**	**<5.0**	**<5.0**	**93**	**31**	**<5.0**	
AW-2	02/05/2004	<100	<20	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
AW-3	03/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
AW-4	7/7/2003	<1,000	<200	56	<5.0	<5.0	<5.0	--	--	
	02/05/2004	<200	<40	40	<1.0	<1.0	3.7	<1.0	<1.0	
	07/01/2004	<1,000	<200	64	<5.0	<5.0	9.6	<5.0	<5.0	
	03/16/2005	<500	<100	23	<2.5	<2.5	<2.5	<2.5	<2.5	
	07/22/2005	**<2,000**	**<400**	**59**	**<10**	**<10**	**<10**	**<10**	**<10**	
AW-5	7/7/2003	<2,000	1,200	980	<10	<10	210	--	--	
	02/05/2004	<2,000	1,200	810	<10	<10	160	<10	<10	
	07/01/2004	<1,000	1,600	550	<5.0	<5.0	94	<5.0	<5.0	
	03/16/2005	<10,000	2,100	890	<50	<50	190	<50	<50	
	07/22/2005	**<1,000**	**370**	**390**	**<5.0**	**<5.0**	**78**	**<5.0**	**<5.0**	
AW-6	02/05/2004	<10,000	<2,000	5,400	<50	<50	1,800	<50	<50	
	07/01/2004	<10,000	<2,000	4,600	<50	<50	1,600	<50	<50	
	03/16/2005	<5,000	<1,000	4,400	<25	<25	1,400	<25	<25	
	07/22/2005	**<10,000**	**<2,000**	**5,500**	**<50**	**<50**	**1,400**	**<50**	**<50**	
AW-8	03/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
MW-1	7/7/2003	<1,000	<200	24	<5.0	<5.0	<5.0	--	--	
	02/05/2004	<1,000	<200	9.2	<5.0	<5.0	<5.0	<5.0	<5.0	
	07/01/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	03/16/2005	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	07/22/2005	**<2,000**	**<400**	**<10**	**<10**	**<10**	**<10**	**<10**	**<10**	
MW-2	03/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-3	7/7/2003	<100	<20	8.8	<0.50	<0.50	0.65	--	--	

Table 2

Fuel Additives Analytical Data

Former BP Station #11133
2220 98th Ave., 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-3	02/05/2004	<100	<20	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	07/01/2004	<100	<20	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/16/2005	<100	<20	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	07/22/2005	**<100**	**<20**	**4.1**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
RW-1	7/7/2003	<50,000	<10,000	<250	<250	<250	<250	--	--	
	07/01/2004	<10,000	<2,000	72	<50	<50	<50	<50	<50	
	03/16/2005	<2,000	<400	53	<10	<10	<10	<10	<10	
	07/22/2005	**<500**	**<100**	**51**	**<2.5**	**<2.5**	**5.6**	**<2.5**	**<2.5**	

Table 2

Fuel Additives Analytical Data

Former BP Station #11133
2220 98th Ave., Oakland, CA

ABBREVIATIONS & SYMBOLS:
-- = 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 = Calibration verification for ethanol is within method limits but outside contractual limits.

NOTES:
All volatile organic compounds (Ethanol, TBA, MTBE, DIPE, ETBE, and TAME) 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 # 050722-MD2 Date 7/22/05 Client BP 11133

Site 2220 98th Ave., 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	2					11.23	28.34		
MW-2	2					8.80 ~~31.32~~	31.32		9
MW-3	2					12.68	34.15		
AW-1	2					15.53	38.80		
AW-2	2					15.41	34.94		9
AW-3	2					13.94	35.45		9
AW-4	2					15.89	32.86		
AW-5	4					17.22	42.90		
AW-6	4					14.20	34.09		
AW-7		unable to locate							9
AW-8		parked over							9
RW-1	6	SI/O	14.39	.01		14.40	37.70		SPH
VEW-4	4					14.04	18.56		
VEW-5	4					Dry	10.41		
VEW-8	4					14.24	16.95		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050722-MD2	Station # 1133
Sampler: MD	Date: 7/22/05
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 28.34	Depth to Water: 11.23
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 / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / ~~Disposable Bailer~~ / Extraction Port / Other: ___

Top of Screen: ___

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

2.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 8.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or ~~µS~~)	Gals. Removed	Observations
1134	68.8	6.8	551	2.7	cloudy, sheen, odor
1138	68.5	6.8	568	5.4	" " "
1141	68.4	6.8	595	8.1	cloudy, sheen, odor
					Bailer is ridged & dark
					grey O/C of sheen

Did well dewater? Yes (No)		Gallons actually evacuated: 8.1	
Sampling Time: 1145		Sampling Date: 7/22/05	
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 #: 050722-MW2	Station # 11133
Sampler: MM	Date: 7/22/05
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 34.15	Depth to Water: 12.68
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; Electric Submersible; Extraction Pump; Other: ___

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: ___

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

3.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 10.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1050	66.2	6.9	540	3.4	Cloudy
1053	67.0	6.9	586	6.8	"
1056	66.1	6.8	472	10.2	Cloudy

Did well dewater? Yes (No) Gallons actually evacuated: 10.2

Sampling Time: 1100 Sampling Date: 7/22/05

Sample I.D.: MW-3 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 #: 050722-MD2	Station # 11133
Sampler: MS	Date: 7/22/05
Well I.D.: AW-1	Well Diameter: ② 3 4 6 8 ___
Total Well Depth: 38.50	Depth to Water: 15.53
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; Electric Submersible; Extraction Pump; Other: _____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: _____

Top of Screen: _____

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

3.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 11.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1235	66.9	6.6	809	3.7	cloudy, odor
1239	66.6	6.5	796	7.4	" "
1242	66.6	6.5	782	11.1	cloudy, odor

Did well dewater? Yes (No) Gallons actually evacuated: 11.1

Sampling Time: 1245 Sampling Date: 7/22/05

Sample I.D.: AW-1 Laboratory: Pace (Sequoia) Other _____

Analyzed for: GRO BTEX MTBE DRO Other: See Sage

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 #: 050722-MM2	Station # 11133
Sampler: MM	Date: 7/22/05
Well I.D.: AW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 32.86	Depth to Water: 15.89
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 / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ___

Top of Screen: ___

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

2.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 8.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1003	65.8	6.7	1224	2.7	clear
1007	65.9	6.6	1327	5.4	"
1011	65.7	6.7	1295	8.1	Clear

Did well dewater? Yes (No)		Gallons actually evacuated: 8.1	
Sampling Time: 1015		Sampling Date: 7/22/05	
Sample I.D.: AW-4		Laboratory: Pace (Sequoia) Other ___	
Analyzed for: (GRO) BTEX MTBE DRO		Other: See Sample	
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 #: 050722-MM2	Station # 11133
Sampler: MK	Date: 7/22/05
Well I.D.: AW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 42.90	Depth to Water: 17.22
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 / (Electric Submersible) Extraction Pump / Other: ___

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ___

Top of Screen: ___

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

16.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 50.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1114	69.0	6.8	509	17	clear
1117	68.0	6.5	560	34	"
1120	68.2	6.6	539	50.5	clear

Did well dewater? Yes (No)		Gallons actually evacuated: 50.5	
Sampling Time: 1125		Sampling Date: 7/22/05	
Sample I.D.: AW-5		Laboratory: Pace (Sequoia) Other ___	
Analyzed for: GRO BTEX MTBE DRO		Other: See Sept	
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 #: 050722-MD2	Station # 11133
Sampler: MG	Date: 7/22/05
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 34.90	Depth to Water: 14.20
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
(Electric Submersible)
Extraction Pump
Other: _____

Sampling Method:
Bailer
(Disposable Bailer)
Extraction Port
Other: _____

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1154	68.4	6.8	386	13.5	Cloudy
1157		Well dewatered @ 18			DTW = 31.20
1335	69.4	6.7	445	-	~~Cloudy~~ clear

Did well dewater? (Yes) No — Gallons actually evacuated: 18

Sampling Time: 1335 — Sampling Date: 7/22/05

Sample I.D.: MW-6 — Laboratory: Pace (Sequoia) Other _____

Analyzed for: GRO BTEX MTBE DRO — Other: ~~TPH~~ Silica Gel

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 #: 050722-MO2	Station # 11133
Sampler: MM	Date: 7/22/05
Well I.D.: MW-1	Well Diameter: (2) 3 4 (6) 8 ___
Total Well Depth: 37.70	Depth to Water: 14.40
Depth to Free Product: 14.39	Thickness of Free Product (feet): .01 *
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 / (Electric Submersible) / Extraction Pump / Other: ___

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ___

Top of Screen: ___

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

34.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 102.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1210	68.3	6.8	699	35	cloudy, odor
	well	dewatered @		42	DTW = 34.10
1345	67.1	6.7	710	—	clear, odor
* Heavy sheen No SPH	Detected unable	During gauging. Bailed prior to purging well. during sampling.			

Did well dewater? (Yes) No Gallons actually evacuated: 42

Sampling Time: 1345 Sampling Date: 7/22/05

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 #: 050722-MM2	Station # 11133
Sampler: MM	Date: 7/22/05
Well I.D.: VEW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.56	Depth to Water: 14.04
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; Electric Submersible; Extraction Pump; Other: _____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: _____

Top of Screen: _____

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

2.9 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 8.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1255	67.3	7.1	577	2.9	cloudy
1258	67.1	6.8	585	5.8	"
1300	67.0	6.8	568	8.7	cloudy

Did well dewater? Yes (No) Gallons actually evacuated: 8.7

Sampling Time: 1305 Sampling Date: 7/22/05

Sample I.D.: VEW-4 Laboratory: Pace (Sequoia) Other _____

Analyzed for: GRO BTEX MTBE DRO Other: See Sample

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 #: 050922-MD2	Station # 5 (1133
Sampler: MJ	Date: 7/22/05
Well I.D.: VEW-5	Well Diameter: 2 3 ~~4~~ 6 8 ___
Total Well Depth: 10.41	Depth to Water: Dry
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 / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Other: _____

Top of Screen: _____

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

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		well is Dry			

Did well dewater? Yes No			Gallons actually evacuated:		
Sampling Time:			Sampling Date:		
Sample I.D.:			Laboratory: Pace Sequoia Other _____		
Analyzed for: GRO BTEX MTBE DRO			Other:		
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:		mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050722-MR2	Station # 11133
Sampler: MW	Date: 7/22/05
Well I.D.: VEW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 16.95	Depth to Water: 14.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer; (Disposable Bailer); Positive Air Displacement; Electric Submersible; Extraction Pump; Other: ___

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: ___

Top of Screen: ___

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

MW

~~3.5~~ 18 x 3 = ~~10.5~~ 54 Gals.

1 Case Volume (Gals.) | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1319	65.2	6.9	1044	1.8	Cloudy
1324	64.7	6.8	1059	3.6	" , rod
		well	dewatered (4)	4 gal	
1330	64.9	6.8	1065	—	Cloudy

Did well dewater? (Yes) No Gallons actually evacuated: 4

Sampling Time: 1330 @ Site Depth Sampling Date: 7/22/05

Sample I.D.: VEW-8 Laboratory: Pace (Sequoia) Other ___

Analyzed for: GRO BTEX MTBE DRO Other: See COC

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:

11133
Station #

2220 98th Ave, Oakland
Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

155

added equip. rinse water 10

any other adjustments ----

TOTAL GALS. RECOVERED 165

loaded onto BTS vehicle # 59

BTS event #	time	date
050732-MD2	1400	7/22/05

signature

* *

REC'D AT	time	date
		/ /

unloaded by
signature

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

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

Sequoia
Analytical

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9 August, 2005

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

RE: BP Heritage #11133, Oakland, CA
Work Order: MOG0982

Enclosed are the results of analyses for samples received by the laboratory on 07/26/05 09:00. 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 #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOG0982-01	Water	07/22/05 11:45	07/26/05 09:00
MW-3	MOG0982-02	Water	07/22/05 11:00	07/26/05 09:00
AW-1	MOG0982-03	Water	07/22/05 12:45	07/26/05 09:00
AW-4	MOG0982-04	Water	07/22/05 10:15	07/26/05 09:00
AW-5	MOG0982-05	Water	07/22/05 11:25	07/26/05 09:00
AW-6	MOG0982-06	Water	07/22/05 13:35	07/26/05 09:00
RW-1	MOG0982-07	Water	07/22/05 13:45	07/26/05 09:00
VEW-4	MOG0982-08	Water	07/22/05 13:05	07/26/05 09:00
VEW-8	MOG0982-09	Water	07/22/05 13:30	07/26/05 09:00
TB-11133-07222005	MOG0982-10	Water	07/22/05 00:00	07/26/05 09:00

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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URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11133, Oakland, CA Project Number:G07TT-0019 Project Manager:Lynelle Onishi	MOG0982 **Reported:** 08/09/05 10:27

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOG0982-01) Water Sampled: 07/22/05 11:45 Received: 07/26/05 09:00									
tert-Amyl methyl ether	ND	10	ug/l	20	5H01007	08/01/05	08/02/05	EPA 8260B	
Benzene	ND	10	"	"	"	"	"	"	
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethanol	ND	2000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Ethylbenzene	**110**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Xylenes (total)	**130**	10	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**15000**	1000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93 %*	*60-135*		"	"	"	"	
MW-3 (MOG0982-02) Water Sampled: 07/22/05 11:00 Received: 07/26/05 09:00									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5H01007	08/01/05	08/02/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.1**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AW-1 (MOG0982-03) Water Sampled: 07/22/05 12:45 Received: 07/26/05 09:00									
tert-Amyl methyl ether	**93**	5.0	ug/l	10	5H03001	08/03/05	08/03/05	EPA 8260B	
Benzene	**770**	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	**31**	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	**520**	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**510**	5.0	"	"	"	"	"	"	
Toluene	**5.4**	5.0	"	"	"	"	"	"	
Xylenes (total)	**50**	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**8000**	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*60-135*		"	"	"	"	
AW-4 (MOG0982-04) Water Sampled: 07/22/05 10:15 Received: 07/26/05 09:00									
tert-Amyl methyl ether	ND	10	ug/l	20	5H03001	08/03/05	08/03/05	EPA 8260B	
Benzene	**750**	10	"	"	"	"	"	"	
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethanol	ND	2000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Ethylbenzene	**300**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**59**	10	"	"	"	"	"	"	
Toluene	**48**	10	"	"	"	"	"	"	
Xylenes (total)	**840**	10	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**4800**	1000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AW-5 (MOG0982-05) Water Sampled: 07/22/05 11:25 Received: 07/26/05 09:00									
tert-Amyl methyl ether	**78**	5.0	ug/l	10	5H01007	08/01/05	08/02/05	EPA 8260B	
Benzene	**5.2**	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	**370**	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**390**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	**6.9**	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*60-135*		"	"	"	"	
AW-6 (MOG0982-06) Water Sampled: 07/22/05 13:35 Received: 07/26/05 09:00									
tert-Amyl methyl ether	**1400**	50	ug/l	100	5H01007	08/01/05	08/02/05	EPA 8260B	
Benzene	ND	50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	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	**5500**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Xylenes (total)	ND	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RW-1 (MOG0982-07) Water Sampled: 07/22/05 13:45 Received: 07/26/05 09:00									
tert-Amyl methyl ether	**5.6**	2.5	ug/l	5	5H01007	08/01/05	08/02/05	EPA 8260B	
Benzene	**50**	2.5	"	"	"	"	"	"	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	**120**	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**51**	2.5	"	"	"	"	"	"	
Toluene	**35**	2.5	"	"	"	"	"	"	
Xylenes (total)	**220**	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**5900**	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95 %*	*60-135*		"	"	"	"	
VEW-4 (MOG0982-08) Water Sampled: 07/22/05 13:05 Received: 07/26/05 09:00									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5H01007	08/01/05	08/02/05	EPA 8260B	
Benzene	**41**	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	**20**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	**24**	0.50	"	"	"	"	"	"	
Xylenes (total)	**67**	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**680**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VEW-8 (MOG0982-09) Water	**Sampled: 07/22/05 13:30**	**Received: 07/26/05 09:00**							
tert-Amyl methyl ether	ND	0.50	ug/l	1	5H01007	08/01/05	08/02/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
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		*103 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

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 5H01007 - EPA 5030B P/T / EPA 8260B										
Blank (5H01007-BLK1)				Prepared & Analyzed: 08/01/05						
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	*2.58*		"	*2.50*		*103*	*60-135*			
Blank (5H01007-BLK2)				Prepared & Analyzed: 08/01/05						
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	*2.56*		"	*2.50*		*102*	*60-135*			

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1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

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 5H01007 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5H01007-BS1)				Prepared & Analyzed: 08/01/05						
tert-Amyl methyl ether	8.55	0.50	ug/l	10.0		86	80-115			
Benzene	10.7	0.50	"	10.0		107	65-115			
tert-Butyl alcohol	36.7	20	"	50.0		73	75-150			HM
Di-isopropyl ether	10.4	0.50	"	10.0		104	75-125			
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0		109	85-120			
1,2-Dichloroethane	9.95	0.50	"	10.0		100	85-130			
Ethanol	394	100	"	200		197	70-135			HL
Ethyl tert-butyl ether	8.41	0.50	"	10.0		84	75-130			
Ethylbenzene	8.85	0.50	"	10.0		88	75-135			
Methyl tert-butyl ether	8.06	0.50	"	10.0		81	65-125			
Toluene	11.0	0.50	"	10.0		110	85-120			
Xylenes (total)	26.1	0.50	"	30.0		87	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.14*		"	*2.50*		*86*	*60-135*			
Laboratory Control Sample (5H01007-BS2)				Prepared & Analyzed: 08/01/05						
Benzene	6.02	0.50	ug/l	6.08		99	65-115			
Ethylbenzene	7.32	0.50	"	7.84		93	75-135			
Methyl tert-butyl ether	9.55	0.50	"	9.60		99	65-125			
Toluene	37.5	0.50	"	32.9		114	85-120			
Xylenes (total)	35.5	0.50	"	38.5		92	85-125			
Gasoline Range Organics (C4-C12)	465	50	"	440		106	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.35*		"	*2.50*		*94*	*60-135*			
Laboratory Control Sample Dup (5H01007-BSD1)				Prepared & Analyzed: 08/01/05						
tert-Amyl methyl ether	8.65	0.50	ug/l	10.0		86	80-115	1	15	
Benzene	11.1	0.50	"	10.0		111	65-115	4	20	
tert-Butyl alcohol	40.5	20	"	50.0		81	75-150	10	25	
Di-isopropyl ether	10.7	0.50	"	10.0		107	75-125	3	15	
1,2-Dibromoethane (EDB)	11.1	0.50	"	10.0		111	85-120	2	15	
1,2-Dichloroethane	10.4	0.50	"	10.0		104	85-130	4	20	
Ethanol	377	100	"	200		188	70-135	4	35	HL
Ethyl tert-butyl ether	8.43	0.50	"	10.0		84	75-130	0.2	25	
Ethylbenzene	9.08	0.50	"	10.0		91	75-135	3	15	
Methyl tert-butyl ether	8.49	0.50	"	10.0		85	65-125	5	20	
Toluene	11.2	0.50	"	10.0		112	85-120	2	20	
Xylenes (total)	26.6	0.50	"	30.0		89	85-125	2	20	

Sequoia Analytical

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

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 5H01007 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample Dup (5H01007-BSD1)				Prepared & Analyzed: 08/01/05						
Surrogate: 1,2-Dichloroethane-d4	*2.30*		*ug/l*	*2.50*		*92*	*60-135*			
Matrix Spike (5H01007-MS1)	**Source: MOG0967-01**			Prepared: 08/01/05 Analyzed: 08/02/05						
Benzene	62.4	5.0	ug/l	60.8	1.4	100	65-115			
Ethylbenzene	72.5	5.0	"	78.4	1.9	90	75-135			
Methyl tert-butyl ether	743	5.0	"	96.0	620	128	65-125			BB,LM
Toluene	385	5.0	"	329	ND	117	85-120			
Xylenes (total)	354	5.0	"	385	5.7	90	85-125			
Gasoline Range Organics (C4-C12)	5310	500	"	4400	340	113	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.42*		*"*	*2.50*		*97*	*60-135*			
Matrix Spike Dup (5H01007-MSD1)	**Source: MOG0967-01**			Prepared: 08/01/05 Analyzed: 08/02/05						
Benzene	59.7	5.0	ug/l	60.8	1.4	96	65-115	4	20	
Ethylbenzene	71.6	5.0	"	78.4	1.9	89	75-135	1	15	
Methyl tert-butyl ether	729	5.0	"	96.0	620	114	65-125	2	20	
Toluene	366	5.0	"	329	ND	111	85-120	5	20	
Xylenes (total)	344	5.0	"	385	5.7	88	85-125	3	20	
Gasoline Range Organics (C4-C12)	5010	500	"	4400	340	106	70-124	6	20	
Surrogate: 1,2-Dichloroethane-d4	*2.41*		*"*	*2.50*		*96*	*60-135*			
Batch 5H03001 - EPA 5030B P/T / EPA 8260B										
Blank (5H03001-BLK1)				Prepared & Analyzed: 08/03/05						
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	*2.46*		*"*	*2.50*		*98*	*60-135*			

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

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 5H03001 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5H03001-BS1)				Prepared & Analyzed: 08/03/05						
tert-Amyl methyl ether	9.72	0.50	ug/l	10.0		97	80-115			
Benzene	11.0	0.50	"	10.0		110	65-115			
tert-Butyl alcohol	44.1	20	"	50.0		88	75-150			
Di-isopropyl ether	9.66	0.50	"	10.0		97	75-125			
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0		106	85-120			
1,2-Dichloroethane	10.3	0.50	"	10.0		103	85-130			
Ethanol	184	100	"	200		92	70-135			
Ethyl tert-butyl ether	9.39	0.50	"	10.0		94	75-130			
Ethylbenzene	10.6	0.50	"	10.0		106	75-135			
Methyl tert-butyl ether	9.19	0.50	"	10.0		92	65-125			
Toluene	11.0	0.50	"	10.0		110	85-120			
Xylenes (total)	32.6	0.50	"	30.0		109	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.31*		"	*2.50*		*92*	*60-135*			
Laboratory Control Sample (5H03001-BS2)				Prepared & Analyzed: 08/03/05						
Benzene	6.03	0.50	ug/l	6.08		99	65-115			
Ethylbenzene	8.40	0.50	"	7.84		107	75-135			
Methyl tert-butyl ether	8.64	0.50	"	9.60		90	65-125			
Toluene	36.2	0.50	"	32.9		110	85-120			
Xylenes (total)	41.8	0.50	"	38.5		109	85-125			
Gasoline Range Organics (C4-C12)	470	50	"	440		107	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.61*		"	*2.50*		*104*	*60-135*			
Laboratory Control Sample Dup (5H03001-BSD1)				Prepared & Analyzed: 08/03/05						
tert-Amyl methyl ether	10.3	0.50	ug/l	10.0		103	80-115	6	15	
Benzene	10.9	0.50	"	10.0		109	65-115	0.9	20	
tert-Butyl alcohol	55.5	20	"	50.0		111	75-150	23	25	
Di-isopropyl ether	9.93	0.50	"	10.0		99	75-125	3	15	
1,2-Dibromoethane (EDB)	10.7	0.50	"	10.0		107	85-120	0.9	15	
1,2-Dichloroethane	10.4	0.50	"	10.0		104	85-130	1	20	
Ethanol	252	100	"	200		126	70-135	31	35	
Ethyl tert-butyl ether	9.62	0.50	"	10.0		96	75-130	2	25	
Ethylbenzene	10.6	0.50	"	10.0		106	75-135	0	15	
Methyl tert-butyl ether	9.13	0.50	"	10.0		91	65-125	0.7	20	
Toluene	11.0	0.50	"	10.0		110	85-120	0	20	
Xylenes (total)	32.8	0.50	"	30.0		109	85-125	0.6	20	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

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 5H03001 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample Dup (5H03001-BSD1)				Prepared & Analyzed: 08/03/05						
Surrogate: 1,2-Dichloroethane-d4	*2.24*		*ug/l*	*2.50*		*90*	*60-135*			
Matrix Spike (5H03001-MS1)	**Source: MOG0982-03**			Prepared & Analyzed: 08/03/05						
Benzene	812	5.0	ug/l	60.8	770	69	65-115			
Ethylbenzene	625	5.0	"	78.4	520	134	75-135			
Methyl tert-butyl ether	596	5.0	"	96.0	510	90	65-125			
Toluene	356	5.0	"	329	5.4	107	85-120			
Xylenes (total)	457	5.0	"	385	50	106	85-125			
Gasoline Range Organics (C4-C12)	13300	500	"	4400	8000	120	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.96*		"	*2.50*		*118*	*60-135*			
Matrix Spike Dup (5H03001-MSD1)	**Source: MOG0982-03**			Prepared & Analyzed: 08/03/05						
Benzene	823	5.0	ug/l	60.8	770	87	65-115	1	20	
Ethylbenzene	640	5.0	"	78.4	520	153	75-135	2	15	LM
Methyl tert-butyl ether	607	5.0	"	96.0	510	101	65-125	2	20	
Toluene	377	5.0	"	329	5.4	113	85-120	6	20	
Xylenes (total)	472	5.0	"	385	50	110	85-125	3	20	
Gasoline Range Organics (C4-C12)	13800	500	"	4400	8000	132	70-124	4	20	LM
Surrogate: 1,2-Dichloroethane-d4	*3.26*		"	*2.50*		*130*	*60-135*			

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0982
1333 Broadway, Suite 800	Project Number:G07TT-0019	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/09/05 10:27

Notes and Definitions

LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
HM	Analyte recovery below established limit
HL	Analyte recovery above established limit
BB,LM	Sample > 4x spike concentration. MS and/or MSD above acceptance limits. See Blank Spike(LCS).
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

Page 1 of 1

Project Name: Analytical for QMR sampling
BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 11133 > HistoricalBL
State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fra
Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: 0845	Temp: 69
Off-site Time: 1400	Temp: 80
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: Sequoia	
Address: 885 Jarvis Drive	
Morgan Hill, CA 95037	
Lab PM: Lisa Race	
Tele/Fax: 408.782.8156 / 408.782.6308	
BP/AR PM Contact: Kyle Christie	
Address: 4 Centerpointe Dr.	
La Palma, CA 90623	
Tele/Fax: (714) 670-5303 / (714) 670-5195	

BP/AR Facility No.:	11133
BP/AR Facility Address:	2220 98th Ave., Oakland, CA 94603
Site Lat/Long:	37.748269 / -122.161
California Global ID No.:	T0600100210
Enfos Project No.:	G07TT-0019
Provision or RCOP:	Provision
Phase/WBS:	04 - Mon/Remed by Natural Attenuation
Sub Phase/Task:	03 - Analytical
Cost Element:	05 - Subcontracted Costs

Consultant/Contractor:	URS
Address:	1333 Broadway, Suite 800
	Oakland, CA 94612
Consultant/Contractor Project No.:	38487139
Consultant/Contractor PM:	Lynelle Onishi
Tele/Fax:	510.874.1758 / 510.874.3268
Report Type & QC Level:	Level 1 with EDF
E-mail EDD To:	Donna_Cosper@urscorp.com
Invoice to:	Atlantic Richfield Company

Lab Bottle Order No: 11133

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	1145	7/22/05		X		01	3				X		X	X	X	X	MOC 0982
2	MW-3	1100			X		02	3				X		X	X	X	X	
3	AW-1	1245			X		03	3				X		X	X	X	X	
4	AW-4	1015			X		04	3				X		X	X	X	X	
5	AW-5	1125			X		05	3				X		X	X	X	X	
6	AW-6	1335			X		06	3				X		X	X	X	X	
7	RW-1	945			X		07	3				X		X	X	X	X	
8	VEW-4	1305			X		08	3				X		X	X	X	X	
9	VEW-8	1330			X		09	3				X		X	X	X	X	
10	TB-11133-072205	—			X		10	2				X						On Hold

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: John Dodson		7/22/05	1557	SAMPLE CUSTODIAN	7/22/05	1557
Sampler's Company: Blaine Tech		7/26/05	0820		7/26/05	8:20
Shipment Date:		7/26/05	9:00		7/26/05	9:20
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

Coolers In Place Yes No Temp Blank Yes No Cooler Temperature on Receipt °F/C Trip Blank Yes No

Distribution: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

BP COC Rev. 4 10/1/04

Sequoia
Analytical

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17 August, 2005

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

RE: BP Heritage #11133, Oakland, CA
Work Order: MOG0771

Enclosed are the results of analyses for samples received by the laboratory on 07/22/05 18:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kekobad

Jamshid Kekobad
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1 (5-5.5')	MOG0771-01	Soil	07/22/05 09:52	07/22/05 18:30
SB-1 (9.5-10')	MOG0771-02	Soil	07/22/05 09:57	07/22/05 18:30
SB-1 (14.5-15')	MOG0771-03	Soil	07/22/05 10:05	07/22/05 18:30
SB-1 (19.5-20')	MOG0771-04	Soil	07/22/05 10:12	07/22/05 18:30
SB-1 (21.5-22')	MOG0771-05	Soil	07/22/05 10:24	07/22/05 18:30
SB-1 (25-25.5')	MOG0771-06	Soil	07/22/05 10:29	07/22/05 18:30
SB-1 (27.5-28')	MOG0771-07	Soil	07/22/05 10:42	07/22/05 18:30
SB-1 (31.5-32')	MOG0771-08	Soil	07/22/05 10:46	07/22/05 18:30
SB-1 (34.5-35')	MOG0771-09	Soil	07/22/05 11:05	07/22/05 18:30
SB-1 (37.5-38')	MOG0771-10	Soil	07/22/05 11:24	07/22/05 18:30
SB-1 (41.5-42')	MOG0771-11	Soil	07/22/05 11:39	07/22/05 18:30
Trip Blank	MOG0771-12	Soil	07/22/05 15:00	07/22/05 18:30

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies.

These samples were received with no custody seals.

Sequoia Analytical

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (25-25.5') (MOG0771-06) Soil	**Sampled: 07/22/05 10:29**	**Received: 07/22/05 18:30**							
Lead	ND	5.0	mg/kg	1	5H16012	08/16/05	08/16/05	EPA 6010B	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (5-5.5') (MOG0771-01) Soil Sampled: 07/22/05 09:52 Received: 07/22/05 18:30									
tert-Amyl methyl ether	ND	0.0046	mg/kg	0.91	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0046	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.018	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0046	"	"	"	"	"	"	IC
1,2-Dibromoethane (EDB)	ND	0.0046	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0046	"	"	"	"	"	"	
Ethanol	ND	0.091	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0046	"	"	"	"	"	"	
Ethylbenzene	ND	0.0046	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.0046	"	"	"	"	"	"	
Toluene	ND	0.0046	"	"	"	"	"	"	
Xylenes (total)	ND	0.0046	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	0.091	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-125*		"	"	"	"	
SB-1 (9.5-10') (MOG0771-02) Soil Sampled: 07/22/05 09:57 Received: 07/22/05 18:30									
tert-Amyl methyl ether	ND	0.0048	mg/kg	0.96	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0048	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.019	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0048	"	"	"	"	"	"	IC
1,2-Dibromoethane (EDB)	ND	0.0048	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.096	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.0048	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.0048	"	"	"	"	"	"	
Toluene	ND	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0048	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	0.096	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*60-125*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (14.5-15') (MOG0771-03) Soil Sampled: 07/22/05 10:05 Received: 07/22/05 18:30									
tert-Amyl methyl ether	ND	0.0050	mg/kg	0.99	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.020	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	IC
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	0.099	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	0.099	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*91 %*	*60-125*		"	"	"	"	
SB-1 (19.5-20') (MOG0771-04) Soil Sampled: 07/22/05 10:12 Received: 07/22/05 18:30									
tert-Amyl methyl ether	ND	0.0048	mg/kg	0.95	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0048	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.019	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0048	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0048	"	"	"	"	"	"	IC
1,2-Dichloroethane	ND	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.095	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.0048	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.0048	"	"	"	"	"	"	
Toluene	ND	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0048	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	0.095	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-125*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (21.5-22') (MOG0771-05) Soil Sampled: 07/22/05 10:24 Received: 07/22/05 18:30									
tert-Amyl methyl ether	ND	0.0048	mg/kg	0.96	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0048	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.019	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0048	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0048	"	"	"	"	"	"	IC
1,2-Dichloroethane	ND	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.096	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.0048	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.0048	"	"	"	"	"	"	
Toluene	ND	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0048	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	0.096	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*79 %*	*60-125*		"	"	"	"	
SB-1 (25-25.5') (MOG0771-06) Soil Sampled: 07/22/05 10:29 Received: 07/22/05 18:30									
tert-Amyl methyl ether	ND	0.025	mg/kg	1	5G29008	07/29/05	08/02/05	EPA 8260B	
Benzene	ND	0.050	"	"	"	"	"	"	
tert-Butyl alcohol	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.025	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.025	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.025	"	"	"	"	"	"	
Ethanol	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.025	"	"	"	"	"	"	
Ethylbenzene	**0.20**	0.050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.025	"	"	"	"	"	"	
Toluene	ND	0.050	"	"	"	"	"	"	
Xylenes (total)	ND	0.050	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**64**	2.5	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90 %*	*60-125*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (27.5-28') (MOG0771-07) Soil	**Sampled: 07/22/05 10:42**		**Received: 07/22/05 18:30**						
tert-Amyl methyl ether	ND	0.0050	mg/kg	1	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.020	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0050	"	"	"	"	"	"	IC
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	0.10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**0.39**	0.10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93 %*	*60-125*		"	"	"	"	
SB-1 (31.5-32') (MOG0771-08) Soil	**Sampled: 07/22/05 10:46**		**Received: 07/22/05 18:30**						
tert-Amyl methyl ether	ND	0.024	mg/kg	4.9	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.024	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.098	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.024	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.024	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.024	"	"	"	"	"	"	
Ethanol	ND	0.49	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.024	"	"	"	"	"	"	
Ethylbenzene	ND	0.024	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.024	"	"	"	"	"	"	
Toluene	ND	0.024	"	"	"	"	"	"	
Xylenes (total)	ND	0.024	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**7.0**	0.49	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-125*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (34.5-35') (MOG0771-09) Soil Sampled: 07/22/05 11:05 Received: 07/22/05 18:30									
tert-Amyl methyl ether	ND	0.0048	mg/kg	0.95	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0048	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.019	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0048	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0048	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.095	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0048	"	"	"	"	"	"	
Ethylbenzene	**0.015**	0.0048	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.0066**	0.0048	"	"	"	"	"	"	
Toluene	ND	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0048	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**0.19**	0.095	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-125*		"	"	"	"	
SB-1 (37.5-38') (MOG0771-10) Soil Sampled: 07/22/05 11:24 Received: 07/22/05 18:30									
tert-Amyl methyl ether	ND	0.0047	mg/kg	0.94	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0047	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.019	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0047	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0047	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0047	"	"	"	"	"	"	
Ethanol	ND	0.094	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0047	"	"	"	"	"	"	
Ethylbenzene	ND	0.0047	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.0097**	0.0047	"	"	"	"	"	"	
Toluene	ND	0.0047	"	"	"	"	"	"	
Xylenes (total)	ND	0.0047	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	0.094	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-125*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (41.5-42') (MOG0771-11) Soil	**Sampled: 07/22/05 11:39**	**Received: 07/22/05 18:30**							
tert-Amyl methyl ether	ND	0.0048	mg/kg	0.96	5G26004	07/26/05	07/27/05	EPA 8260B	
Benzene	ND	0.0048	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.019	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0048	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0048	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.096	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.0048	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.0079**	0.0048	"	"	"	"	"	"	
Toluene	ND	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0048	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	0.096	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5H16012 - EPA 3050B / EPA 6010B										
Blank (5H16012-BLK1)				Prepared & Analyzed: 08/16/05						
Lead	ND	5.0	mg/kg							
Laboratory Control Sample (5H16012-BS1)				Prepared & Analyzed: 08/16/05						
Lead	49.3	5.0	mg/kg	50.0		99	75-120			
Matrix Spike (5H16012-MS1)	**Source: MOH0598-02**			Prepared & Analyzed: 08/16/05						
Lead	54.4	5.0	mg/kg	50.0	12	85	75-120			
Matrix Spike Dup (5H16012-MSD1)	**Source: MOH0598-02**			Prepared & Analyzed: 08/16/05						
Lead	55.6	5.0	mg/kg	50.0	12	87	75-120	2	20	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

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 5G26004 - EPA 5030B P/T / EPA 8260B										
Blank (5G26004-BLK1)				Prepared & Analyzed: 07/26/05						
tert-Amyl methyl ether	ND	0.0050	mg/kg							
Benzene	ND	0.0050	"							
tert-Butyl alcohol	ND	0.020	"							
Di-isopropyl ether	ND	0.0050	"							IC
1,2-Dibromoethane (EDB)	ND	0.0050	"							
1,2-Dichloroethane	ND	0.0050	"							
Ethanol	ND	0.10	"							
Ethyl tert-butyl ether	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.0050	"							
Toluene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Organics (C4-C12)	ND	0.10	"							
Surrogate: 1,2-Dichloroethane-d4	*0.00476*		"	*0.00500*		*95*	*60-125*			
Blank (5G26004-BLK2)				Prepared: 07/26/05 Analyzed: 07/27/05						
tert-Amyl methyl ether	ND	0.0050	mg/kg							
Benzene	ND	0.0050	"							
tert-Butyl alcohol	ND	0.020	"							
Di-isopropyl ether	ND	0.0050	"							
1,2-Dibromoethane (EDB)	ND	0.0050	"							
1,2-Dichloroethane	ND	0.0050	"							
Ethanol	ND	0.10	"							
Ethyl tert-butyl ether	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.0050	"							
Toluene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Organics (C4-C12)	ND	0.10	"							
Surrogate: 1,2-Dichloroethane-d4	*0.00403*		"	*0.00500*		*81*	*60-125*			

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1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

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 5G26004 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5G26004-BS1)				Prepared & Analyzed: 07/26/05						
tert-Amyl methyl ether	0.00938	0.0050	mg/kg	0.0100		94	80-130			
Benzene	0.00916	0.0050	"	0.0100		92	65-125			
tert-Butyl alcohol	0.0468	0.020	"	0.0500		94	80-165			
Di-isopropyl ether	0.00964	0.0050	"	0.0100		96	85-115			
1,2-Dibromoethane (EDB)	0.00960	0.0050	"	0.0100		96	85-130			
1,2-Dichloroethane	0.00990	0.0050	"	0.0100		99	63-124			
Ethanol	0.202	0.10	"	0.200		101	35-150			
Ethyl tert-butyl ether	0.00906	0.0050	"	0.0100		91	80-125			
Ethylbenzene	0.00990	0.0050	"	0.0100		99	80-135			
Methyl tert-butyl ether	0.00932	0.0050	"	0.0100		93	75-115			
Toluene	0.00980	0.0050	"	0.0100		98	85-125			
Xylenes (total)	0.0304	0.0050	"	0.0300		101	80-140			
Surrogate: 1,2-Dichloroethane-d4	*0.00500*		"	*0.00500*		*100*	*60-125*			
Laboratory Control Sample (5G26004-BS2)				Prepared & Analyzed: 07/26/05						
Benzene	0.00533	0.0050	mg/kg	0.00608		88	65-125			
Ethylbenzene	0.00782	0.0050	"	0.00784		100	80-135			
Methyl tert-butyl ether	0.00786	0.0050	"	0.00960		82	75-115			
Toluene	0.0298	0.0050	"	0.0329		91	85-125			
Xylenes (total)	0.0376	0.0050	"	0.0385		98	80-140			
Gasoline Range Organics (C4-C12)	0.374	0.10	"	0.440		85	53-126			
Surrogate: 1,2-Dichloroethane-d4	*0.00396*		"	*0.00500*		*79*	*60-125*			
Laboratory Control Sample Dup (5G26004-BSD1)				Prepared: 07/26/05 Analyzed: 07/27/05						
tert-Amyl methyl ether	0.0102	0.0050	mg/kg	0.0100		102	80-130	8	25	
Benzene	0.0100	0.0050	"	0.0100		100	65-125	9	20	
tert-Butyl alcohol	0.0698	0.020	"	0.0500		140	80-165	39	25	BA
Di-isopropyl ether	0.0107	0.0050	"	0.0100		107	85-115	10	20	
1,2-Dibromoethane (EDB)	0.0106	0.0050	"	0.0100		106	85-130	10	15	
1,2-Dichloroethane	0.0114	0.0050	"	0.0100		114	63-124	14	25	
Ethanol	0.188	0.10	"	0.200		94	35-150	7	40	
Ethyl tert-butyl ether	0.00994	0.0050	"	0.0100		99	80-125	9	25	
Ethylbenzene	0.0101	0.0050	"	0.0100		101	80-135	2	20	
Methyl tert-butyl ether	0.0100	0.0050	"	0.0100		100	75-115	7	35	
Toluene	0.0105	0.0050	"	0.0100		105	85-125	7	15	
Xylenes (total)	0.0309	0.0050	"	0.0300		103	80-140	2	20	

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

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 5G26004 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample Dup (5G26004-BSD1)				Prepared: 07/26/05 Analyzed: 07/27/05						
Surrogate: 1,2-Dichloroethane-d4	*0.00506*		*mg/kg*	*0.00500*		*101*	*60-125*			
Laboratory Control Sample Dup (5G26004-BSD2)				Prepared: 07/26/05 Analyzed: 07/27/05						
Benzene	0.00535	0.0050	mg/kg	0.00608		88	65-125	0.4	20	
Ethylbenzene	0.00742	0.0050	"	0.00784		95	80-135	5	20	
Methyl tert-butyl ether	0.00929	0.0050	"	0.00960		97	75-115	17	35	
Toluene	0.0322	0.0050	"	0.0329		98	85-125	8	15	
Xylenes (total)	0.0363	0.0050	"	0.0385		94	80-140	4	20	
Gasoline Range Organics (C4-C12)	0.391	0.10	"	0.440		89	53-126	4	25	
Surrogate: 1,2-Dichloroethane-d4	*0.00547*		*"*	*0.00500*		*109*	*60-125*			
Matrix Spike (5G26004-MS1)	**Source: MOG0771-01**			Prepared: 07/26/05 Analyzed: 07/27/05						
Benzene	0.00485	0.0048	mg/kg	0.00608	ND	80	65-125			
Ethylbenzene	0.00691	0.0048	"	0.00784	ND	88	80-135			
Methyl tert-butyl ether	0.00785	0.0048	"	0.00960	ND	82	75-115			
Toluene	0.0303	0.0048	"	0.0329	ND	92	85-125			
Xylenes (total)	0.0344	0.0048	"	0.0385	ND	89	80-140			
Gasoline Range Organics (C4-C12)	0.366	0.097	"	0.440	ND	83	53-126			
Surrogate: 1,2-Dichloroethane-d4	*0.00512*		*"*	*0.00500*		*102*	*60-125*			
Matrix Spike Dup (5G26004-MSD1)	**Source: MOG0771-01**			Prepared: 07/26/05 Analyzed: 07/27/05						
Benzene	0.00431	0.0047	mg/kg	0.00608	ND	71	65-125	12	20	
Ethylbenzene	0.00634	0.0047	"	0.00784	ND	81	80-135	9	20	
Methyl tert-butyl ether	0.00703	0.0047	"	0.00960	ND	73	75-115	11	35	LN
Toluene	0.0276	0.0047	"	0.0329	ND	84	85-125	9	15	LN
Xylenes (total)	0.0314	0.0047	"	0.0385	ND	82	80-140	9	20	
Gasoline Range Organics (C4-C12)	0.334	0.094	"	0.440	ND	76	53-126	9	25	
Surrogate: 1,2-Dichloroethane-d4	*0.00484*		*"*	*0.00500*		*97*	*60-125*			

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 #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

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 5G29008 - EPA 5030B/5035A MeOH / EPA 8260B										
Blank (5G29008-BLK1)				Prepared: 07/29/05 Analyzed: 07/30/05						
tert-Amyl methyl ether	ND	0.025	mg/kg							
Benzene	ND	0.050	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.025	"							
1,2-Dibromoethane (EDB)	ND	0.025	"							
1,2-Dichloroethane	ND	0.025	"							
Ethanol	ND	10	"							
Ethyl tert-butyl ether	ND	0.025	"							
Ethylbenzene	ND	0.050	"							
Methyl tert-butyl ether	ND	0.025	"							
Toluene	ND	0.050	"							
Xylenes (total)	ND	0.050	"							
Gasoline Range Organics (C4-C12)	ND	2.5	"							
Surrogate: 1,2-Dichloroethane-d4	*0.00456*		"	*0.00500*		*91*	*60-125*			
Laboratory Control Sample (5G29008-BS1)				Prepared & Analyzed: 07/29/05						
tert-Amyl methyl ether	0.462	0.025	mg/kg	0.500		92	80-130			
Benzene	0.469	0.050	"	0.500		94	65-125			
tert-Butyl alcohol	2.45	5.0	"	2.50		98	80-165			
Di-isopropyl ether	0.468	0.025	"	0.500		94	85-115			
1,2-Dibromoethane (EDB)	0.444	0.025	"	0.500		89	85-130			
1,2-Dichloroethane	0.471	0.025	"	0.500		94	63-124			
Ethanol	11.9	10	"	10.0		119	35-150			
Ethyl tert-butyl ether	0.438	0.025	"	0.500		88	80-125			
Ethylbenzene	0.493	0.050	"	0.500		99	80-135			
Methyl tert-butyl ether	0.438	0.025	"	0.500		88	75-115			
Toluene	0.513	0.050	"	0.500		103	85-125			
Xylenes (total)	1.59	0.050	"	1.50		106	80-140			
Surrogate: 1,2-Dichloroethane-d4	*0.00450*		"	*0.00500*		*90*	*60-125*			

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

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 5G29008 - EPA 5030B/5035A MeOH / EPA 8260B										
Laboratory Control Sample (5G29008-BS2)				Prepared & Analyzed: 07/29/05						
Benzene	0.193	0.050	mg/kg	0.228		85	65-125			
Ethylbenzene	0.293	0.050	"	0.294		100	80-135			
Methyl tert-butyl ether	0.297	0.025	"	0.360		82	75-115			
Toluene	1.25	0.050	"	1.23		102	85-125			
Xylenes (total)	1.51	0.050	"	1.44		105	80-140			
Gasoline Range Organics (C4-C12)	16.6	2.5	"	16.5		101	60-140			
Surrogate: 1,2-Dichloroethane-d4	*0.00459*		"	*0.00500*		*92*	*60-125*			
Laboratory Control Sample Dup (5G29008-BSD1)				Prepared & Analyzed: 07/29/05						
tert-Amyl methyl ether	0.453	0.025	mg/kg	0.500		91	80-130	2	25	
Benzene	0.468	0.050	"	0.500		94	65-125	0.2	20	
tert-Butyl alcohol	2.44	5.0	"	2.50		98	80-165	0.4	25	
Di-isopropyl ether	0.462	0.025	"	0.500		92	85-115	1	20	
1,2-Dibromoethane (EDB)	0.454	0.025	"	0.500		91	85-130	2	15	
1,2-Dichloroethane	0.475	0.025	"	0.500		95	63-124	0.8	25	
Ethanol	11.6	10	"	10.0		116	35-150	3	40	
Ethyl tert-butyl ether	0.443	0.025	"	0.500		89	80-125	1	25	
Ethylbenzene	0.498	0.050	"	0.500		100	80-135	1	20	
Methyl tert-butyl ether	0.439	0.025	"	0.500		88	75-115	0.2	35	
Toluene	0.511	0.050	"	0.500		102	85-125	0.4	15	
Xylenes (total)	1.58	0.050	"	1.50		105	80-140	0.6	20	
Surrogate: 1,2-Dichloroethane-d4	*0.00469*		"	*0.00500*		*94*	*60-125*			
Matrix Spike (5G29008-MS1)	**Source: MOG0514-01**			Prepared & Analyzed: 07/29/05						
Benzene	0.174	0.050	mg/kg	0.228	ND	76	65-125			
Ethylbenzene	0.271	0.050	"	0.294	ND	92	80-135			
Methyl tert-butyl ether	1.58	0.025	"	0.360	0.034	429	75-115			LM
Toluene	1.14	0.050	"	1.23	0.012	92	85-125			
Xylenes (total)	1.39	0.050	"	1.44	0.017	95	80-140			
Gasoline Range Organics (C4-C12)	16.2	2.5	"	16.5	1.7	88	60-140			
Surrogate: 1,2-Dichloroethane-d4	*0.00452*		"	*0.00500*		*90*	*60-125*			

Sequoia Analytical

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

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 5G29008 - EPA 5030B/5035A MeOH / EPA 8260B										
Matrix Spike Dup (5G29008-MSD1)	**Source: MOG0514-01**			Prepared: 07/29/05 Analyzed: 07/30/05						
Benzene	0.176	0.050	mg/kg	0.228	ND	77	65-125	1	20	
Ethylbenzene	0.258	0.050	"	0.294	ND	88	80-135	5	20	
Methyl tert-butyl ether	1.39	0.025	"	0.360	0.034	377	75-115	13	35	LM
Toluene	1.14	0.050	"	1.23	0.012	92	85-125	0	15	
Xylenes (total)	1.32	0.050	"	1.44	0.017	90	80-140	5	20	
Gasoline Range Organics (C4-C12)	16.2	2.5	"	16.5	1.7	88	60-140	0	25	
Surrogate: 1,2-Dichloroethane-d4	*0.00462*		"	*0.00500*		*92*	*60-125*			

Sequoia Analytical

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URS Corporation [Arco]	Project:BP Heritage #11133, Oakland, CA	MOG0771
1333 Broadway, Suite 800	Project Number:G07TT-0025	**Reported:**
Oakland CA, 94612	Project Manager:Lynelle Onishi	08/17/05 12:22

Notes and Definitions

LN	MS and/or MSD below acceptance limits. See Blank Spike(LCS).
LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
IC	Calib. verif. is within method limits but outside contract limits
BA	Relative percent difference out of control
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: Former BP Site 11133 Soil/Groundwater Investigation
BP BU/AR Region/Enfos Segment: BP/Americas/WestCoast/Retail/WCBU/CA/Cent
State or Lead Regulatory Agency: Alameda County Environmental Health
Requested Due Date (mm/dd/yy): Standard TAT

On-site Time:	8:00am	Temp:	65°F
Off-site Time:	3:30pm	Temp:	80°F
Sky Conditions:	clear		
Meteorological Events:	none		
Wind Speed:	15-20 mpH	Direction:	West

Lab Name:	Sequoia Analytical
Address:	885 Jarvis Drive
	Morgan Hill, CA 95037
Lab PM:	Lisa Race
Tele/Fax:	408-782-8156/408-782-6308
BP/AR PM Contact:	Kyle Christie
Address:	4 Centerpointe Dr.
	La Palma, CA
Tele/Fax:	714-670-5303/714-6705195

BP/AR Facility No.:	11133
BP/AR Facility Address:	2220 98th Ave, Oakland, CA
Site Lat/Long:	
California Global ID No.:	-----
Enfos Project No.:	G07T
Provision or RCOP (circle one)	Provision
Phase/WBS:	01- Assessment
Sub Phase/Task:	03 - Analytical
Cost Element:	05 - Subcontracted Costs

Consultant/Contractor:	URS
Address:	1333 Broadway, Suite 800
	Oakland, CA 94612
Consultant/Contractor Project No.:	38487352
Consultant/Contractor PM:	Lynelle Onishi
Tele/Fax:	510-874-1758/510-874-3268
Report Type & QC Level:	Level 1 & EDF
E-mail EDD To:	lynelle_onishi@urscorp.com
Invoice to:	BP West Coast Global Alliance

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO (8260)	Requested Analysis: BTEX (8260)	Requested Analysis: Fuel Add. (8260): MTBE, 1,2-DCA, EDB, TBA, TAME, DIPE, ETBE	Requested Analysis: Ethanol (8260)	Requested Analysis: Total Lead
1	SB-1 (5-5.5')	9:52	7/22/05	X			01	1	X					X	X	X	X	
2	SB-1 (9.5-10')	9:57					02											
3	SB-1 (14.5-15')	10:05					03											
4	SB-1 (19.5-20')	10:12					04											
5	SB-1 (21.5-22')	10:24					05											
6	SB-1 (25-25.5')	10:29					06											
7	SB-1 (27.5-28')	10:42					07											
8	SB-1 (31.5-32')	10:46					08											
9	SB-1 (34.5-35')	11:05					09											
10	SB-1 (37.5-38')	11:24	↓	↓			10	↓	↓					↓	↓	↓	↓	

MOG 0771

Sample Point Lat/Long and Comments

* see special instructions

Sampler's Name:	John McCain
Sampler's Company:	URS
Shipment Date:	7-22-05
Shipment Method:	courier
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
John McCain	7/22/05	16:05	Jayson Jones	7.22	16:05
Jayson Jones	7-22	1830		7/22/05	18:30

Special Instructions: Analyze soil sample with highest GRO concentration for Total Lead (Pb).

If running total Pb analysis and result are >50ppm, run STLC, if STLC results are >5ppm, run TCLP

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

Distribution: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

bp

Chain of Custody Record

Project Name: Former BP Site 11133 Soil/Groundwater Investigation
BP BU/AR Region/Enfos Segment: BP/Americas/WestCoast/Retail/WCBU/CA/Cent
State or Lead Regulatory Agency: Alameda County Environmental Health
Requested Due Date (mm/dd/yy): Standard TAT

On-site Time:		Temp:	
Off-site Time:		Temp:	
Sky Conditions:			
Meteorological Events:			
Wind Speed:		Direction:	

Lab Name:	Sequoia Analytical
Address:	885 Jarvis Drive
	Morgan Hill, CA 95037
Lab PM:	Lisa Race
Tele/Fax:	408-782-8156/408-782-6308
BP/AR PM Contact:	Kyle Christie
Address:	4 Centerpointe Dr.
	La Palma, CA
Tele/Fax:	714-670-5303/714-6705195
Lab Bottle Order No:	

BP/AR Facility No.:	11133
BP/AR Facility Address:	2220 98th Ave, Oakland, CA
Site Lat/Long:	
California Global ID No.:	------
Enfos Project No.:	G07T
Provision or RCOP (circle one)	Provision (circled)
Phase/WBS:	01- Assessment
Sub Phase/Task:	03 - Analytical
Cost Element:	05 - Subcontracted Costs

Consultant/Contractor:	URS
Address:	1333 Broadway, Suite 800
	Oakland, CA 94612
Consultant/Contractor Project No.:	38487352
Consultant/Contractor PM:	Lynelle Onishi
Tele/Fax:	510-874-1758/510-874-3268
Report Type & QC Level:	Level 1 & EDF
E-mail EDD To:	lynelle_onishi@urscorp.com
Invoice to:	BP West Coast Global Alliance

MOG0771

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	H_2SO_4	HNO_3	HCl	Methanol		GRO (8260)	BTEX (8260)	Fuel Add. (8260): MTBE, 1,2-DCA, EDB, TBA, TAME, DIPE, ETBE	Ethanol (8260)	Total Lead				Sample Point Lat/Long and Comments
1	SB-1 (41.5-42')	11:39	7/22/05	X			11	1	X						X	X	X	X					*see special instructions
2	Trip Blank	15:00	✓		X		12	2				X											*Hold Trip Blank & Temp. Blank
3	Temp Blank	15:00	✓		X		17	1	X														
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Sampler's Name:	John McCain
Sampler's Company:	URS
Shipment Date:	7-22-05
Shipment Method:	Courier
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
John [signature]	7/22/05	16:05	Jayson Lowe [signature]	7-22	16:05
Jayson Lowe [signature]	7-22	18:30	[signature]	7/22/05	18:30

Special Instructions: Analyze soil sample with highest GRO concentration for Total Lead (Pb). ...ning total Pb analysis and result are >50ppm, run STLC, if STLC results are >5ppm, run TCLP

...dy Seals In Place Yes ___ No X Temp Blank Yes X No Cooler Temperature on Receipt 5.6 °F/C (C circled) Trip Blank Yes X No

Distribution: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT) Phuc Pham
WORKORDER: MOG0771

DATE REC'D AT LAB: 7/22/05
TIME REC'D AT LAB: 18:30
DATE LOGGED IN: 7-23-05

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 / (Absent) Intact / Broken*			SB-1 (5-5.5)	Metal Core	—	—	G	7/22/05	
2. Chain-of-Custody	(Present) / Absent*			(9.5-10)						
3. Traffic Reports or Packing List:	Present / (Absent)			(14.5-15)						
4. Airbill:	Airbill / Sticker Present / (Absent)			(19.5-20)						
5. Airbill #:				(21.5-22)						
6. Sample Labels:	(Present) / Absent			(25-25.5)						
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody			(27.5-28)						
				(31.5-32)						
				(34.5-35)						
				(37.5-38)						
8. Sample Condition:	(Intact) / Broken* / Leaking*			(41.5-42)						
				Trip Blank	VOA-2	HCl				
				Temp Blank	VOA					
9. Does information on chain-of-custody, traffic reports and sample labels agree?	(Yes) / No*									
10. Sample received within hold time?	(Yes) / No*									
11. Adequate sample volume received?	(Yes) / No*									
12. Proper preservatives used?	(Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	(Yes) / No*									
14. Read Temp: 5.6 °C										
Corrected Temp:										
Is corrected temp 4 +/-2°C?	(Yes) / No**									

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

7/22/05

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

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATION

T0600100210	MW-3	ACT	7/22/2005		12.68	34.15	UNK
N							
T0600100210	RW-1	ACT	7/22/2005	14.39	14.4	37.7	UNK
Y							
T0600100210	AW-2	ACT	7/22/2005		15.41	34.94	UNK
N							
T0600100210	VEW-4	ACT	7/22/2005		14.04	18.56	UNK
N							
T0600100210	AW-1	ACT	7/22/2005		15.53	38.5	UNK
N							
T0600100210	MW-1	ACT	7/22/2005		11.23	28.34	UNK
Y							
T0600100210	AW-8	NOACC	7/22/2005				UNK
N							
T0600100210	VEW-5	DRY	7/22/2005			10.41	UNK
N							
T0600100210	AW-4	ACT	7/22/2005		15.89	32.86	UNK
N							
T0600100210	AW-5	ACT	7/22/2005		17.22	42.9	UNK
N							
T0600100210	AW-6	ACT	7/22/2005		14.2	34.9	UNK
N							
T0600100210	VEW-8	ACT	7/22/2005		14.24	16.95	UNK
N							
T0600100210	AW-3	ACT	7/22/2005		13.44	35.45	UNK
N							
T0600100210	AW-7	NOACC	7/22/2005				UNK
N							
T0600100210	MW-2	ACT	7/22/2005		8.8	31.32	UNK
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:	10/20/2005 10:51:15 AM

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

Back to Main Menu

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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 BP/ARCO 11133 GEOWELL**
Submittal Date/Time:	**10/20/2005 10:51:50 AM**
Confirmation Number:	**7586134195**

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CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	10/20/2005 10:53:03 AM
GLOBAL ID:	T0600100210
FILE UPLOADED:	BP#11133-EDF-MOG0982.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
2220 98TH AVE
OAKLAND, CA 94603

Regional Board - Case #: 01-0224
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 3877
ALAMEDA COUNTY LOP - **(RWS)**

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	9
# FIELD POINTS WITH DETECTIONS	8
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	7
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	N

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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Electronic Submittal Information

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Confirmation Number: 1222040772
Date/Time of Submittal: 10/20/2005 10:53:55 AM
Facility Global ID: T0600100210
Facility Name: BP
Submittal Title: 3Q 2005 BP/ARCO 11133 EDF
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

BP
2220 98TH AVE
OAKLAND, CA 94603

Regional Board - Case #: 01-0224
SAN FRANCISCO BAY RWQCB (REGION 2) - (BG)
Local Agency (lead agency) - Case #: 3877
ALAMEDA COUNTY LOP - (RWS)

CONF #	TITLE	QUARTER
1222040772	3Q 2005 BP/ARCO 11133 EDF	Q3 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	10/20/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	9
# FIELD POINTS WITH DETECTIONS	8
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	7
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	N

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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