Atlantic Richfield Company
(a BP affiliated company)

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

27 October 2006

Re: Third Quarter 2006 Ground-Water Monitoring Report
Former BP Station # 11117
7210 Bancroft Avenue
Oakland, California
ACEH Case # RO0000356

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

Submitted by:

Paul Supple
Environmental Business Manager

Third Quarter 2006 Ground-Water Monitoring Report
Former BP Station #11117
7210 Bancroft Avenue
Oakland, California

Prepared for

Mr. Paul Supple
Environmental Business Manager
Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583

Prepared by

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

1324 Mangrove Avenue, Suite 212
Chico, California 95926
(530) 566-1400
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27 October 2006

Project No. 06-08-649

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
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BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

27 October 2006

Project No. 06-08-649

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

Attn.: Mr. Paul Supple

Re: Third Quarter 2006 Ground-Water Monitoring Report
Former BP Station #11117, 7210 Bancroft Avenue, Oakland, California
ACEH Case # RO0000356

Dear Mr. Supple:

Attached is the *Third Quarter 2006 Ground-Water Monitoring Report* for Former BP Station #11117 (herein referred to as Station #11117) located at 7210 Bancroft Avenue, Oakland, Alameda County, California (Property). This report presents a summary of the Third Quarter 2006 ground-water monitoring results.

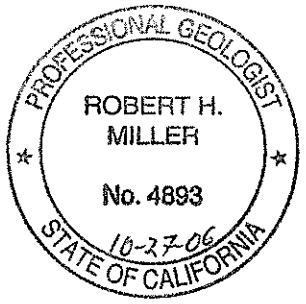
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus, P.E.
Senior Engineer

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



Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)
Ms. Shelby Lathrop, ConocoPhillips (submitted via WebXtender)
Ms. Diane Clark, One Eastmont Town Center, 7200 Bancroft Avenue, Oakland, CA 94605

STATION #11117 GROUND-WATER MONITORING REPORT

Facility: #11117 Address:	7210 Bancroft Avenue, Oakland, California
Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus (530) 566-1400
Consultant Project No.:	06-08-649
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) ACEH Case #RO0000356
Facility Permits/Permitting Agency:	NA

WORK PERFORMED THIS QUARTER (Third Quarter 2006):

1. Prepared and submitted Second Quarter 2006 Ground-Water Monitoring Report.
2. Conducted ground-water monitoring/sampling for Third Quarter 2006. Work performed by URS on 29 August 2006.

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter 2006):

1. Resurveyed wells onsite, including MW-10. Work done for URS on 6 October 2006.
2. Prepared and submitted Work Plan for Onsite Soil and Ground-Water Investigation on 16 October 2006.
3. Prepared and submitted Third Quarter 2006 Ground-Water Monitoring Report (contained herein).
4. Conduct Fourth Quarter 2006 ground-water monitoring/sampling.
5. Prepare and submit Fourth Quarter 2006 Ground-Water Monitoring Report.
6. Implement Work Plan for Onsite Soil and Ground-Water Investigation, if approval received from ACEH.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Ground-water monitoring/sampling**
Frequency of ground-water sampling:	**EX-1, EX-2, MW-2, MW-4, MW-7, MW-10: Quarterly; MW-9: Semi-annually (1Q and 3Q); MW-1, MW-3, MW-6, MW-8: Annually (1Q)**
Frequency of ground-water monitoring:	**Quarterly**
Is free product (FP) present on-site:	**Sheen (MW-4)**
FP recovered this quarter:	**None**
Depth to ground water (below TOC):	**16.37 ft (MW-1) to 18.69 ft (MW-10)**
General ground-water flow direction:	**Northeast**
Approximate hydraulic gradient:	**0.006 ft/ft**

DISCUSSION:

Third Quarter 2006 ground-water monitoring was conducted on 29 August 2006 by URS at Former BP Service Station #11117. Depth-to-water measurements were made from each of the 11 wells associated with Station #11117. No irregularities were encountered during depth to water monitoring. Consistent with previous quarterly measurements, water levels elevations were not calculated for wells EX-1, EX-2, or MW-10, due to lack of surveyed measuring points. On 6 October 2006, measuring points from these and the rest of the wells associated with the Site were resurveyed (Future reports will

incorporate calculated water level elevations from these three wells). Measured depths to water ranged from 16.37 ft at MW-1 to 18.69 ft at MW-10. Calculated water level elevations ranged across the Site from 32.76 ft to 33.72 ft above mean sea level, within the historic minimum and maximum ranges for each well. Depth to water and calculated water level elevations are summarized in Table 1. Water level elevations yielded a potentiometric ground-water flow direction and gradient of 0.006 ft/ft to the northeast. This direction and gradient was consistent with the historic flow directions and gradients for the Site, as summarized in Table 3, and shown within the associated rose diagram. A map exhibiting ground-water elevation contours is presented as Drawing 1. Field monitoring data sheets are provided within Appendix A.

Third Quarter 2006 ground-water samples were collected from wells MW-2, MW-4, MW-7, MW-9, MW-10, EX-1, and EX-2, consistent with the current sampling schedule. No irregularities were reported by URS during sampling, with the exceptions that well EX-1 dewatered during purging prior to sampling, and a slight sheen was present in the water drawn from well MW-4. Samples were submitted to Test America Analytical Testing Corporation (Morgan Hill, California) under chain of custody documentation for laboratory analysis of Gasoline Range Organics (GRO, C4-C12) by LUFT GC/MS method; Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and Methyl tert-butyl ether (MTBE), Ethyl tert-butyl ether, Ethanol, 1,2-Dichloroethane, 1,2-Dibromomethane, Di-isopropyl ether, tert-Butyl alcohol (TBA), and tert-Amyl methyl ether (TAME) by EPA Method 8260B. No analytical irregularities were reported by the laboratory for the samples.

Gasoline Range Organics were detected in each of the seven wells sampled this quarter, up to a concentration of 65,000 micrograms per liter (µg/L) in the sample from well MW-2. Benzene was detected in five of the seven wells sampled this quarter (not in wells MW-7 and MW-10), up to a concentration of 7,200 µg/L in the sample from well MW-2. Toluene was recorded in three of the wells sampled this quarter (EX-1, MW-2, and MW-4), at concentrations up to 4,500 µg/L in the sample from well MW-2. Ethylbenzene was detected in four wells sampled this quarter (EX-1, EX-2, MW-2, and MW-4), at concentrations up to 3,500 µg/L in the sample from well MW-4. Total xylenes were detected in four wells sampled this quarter (EX-1, EX-2, MW-2, and MW-4), at concentrations up to 12,000 µg/L in the sample from well MW-4. MTBE was reported in six of the seven wells sampled this quarter (not in MW-9), at concentrations up to 13,000 µg/L in the sample from well MW-2. TAME was detected in three of the wells sampled this quarter (EX-1, EX-2, and MW-2), at concentrations up to 100 µg/L in the sample from well MW-2. TBA was detected in just one well sampled this quarter (MW-9), at a concentration of 2,100 µg/L. No other fuel components analyzed for were detected above their respective laboratory reporting limits.

The concentrations reported from well EX-1 were highest on record for GRO (22,000 µg/L), Ethylbenzene (1,400 µg/L), and Total Xylenes (3,600 µg/L). The other concentrations were within the recorded minimum and maximum ranges for each well, as summarized in Table 1 and Table 2. The laboratory analytical report, including chain of custody documentation, is provided in Appendix A. Concentrations of GRO, Benzene, and MTBE are shown adjacent to each sampled well in Drawing 1. Drawing 2 presents a map showing GRO iso-concentration contours. Drawing 3 presents a map showing Benzene iso-concentration contours. Drawing 4 presents a map showing MTBE iso-concentration contours.

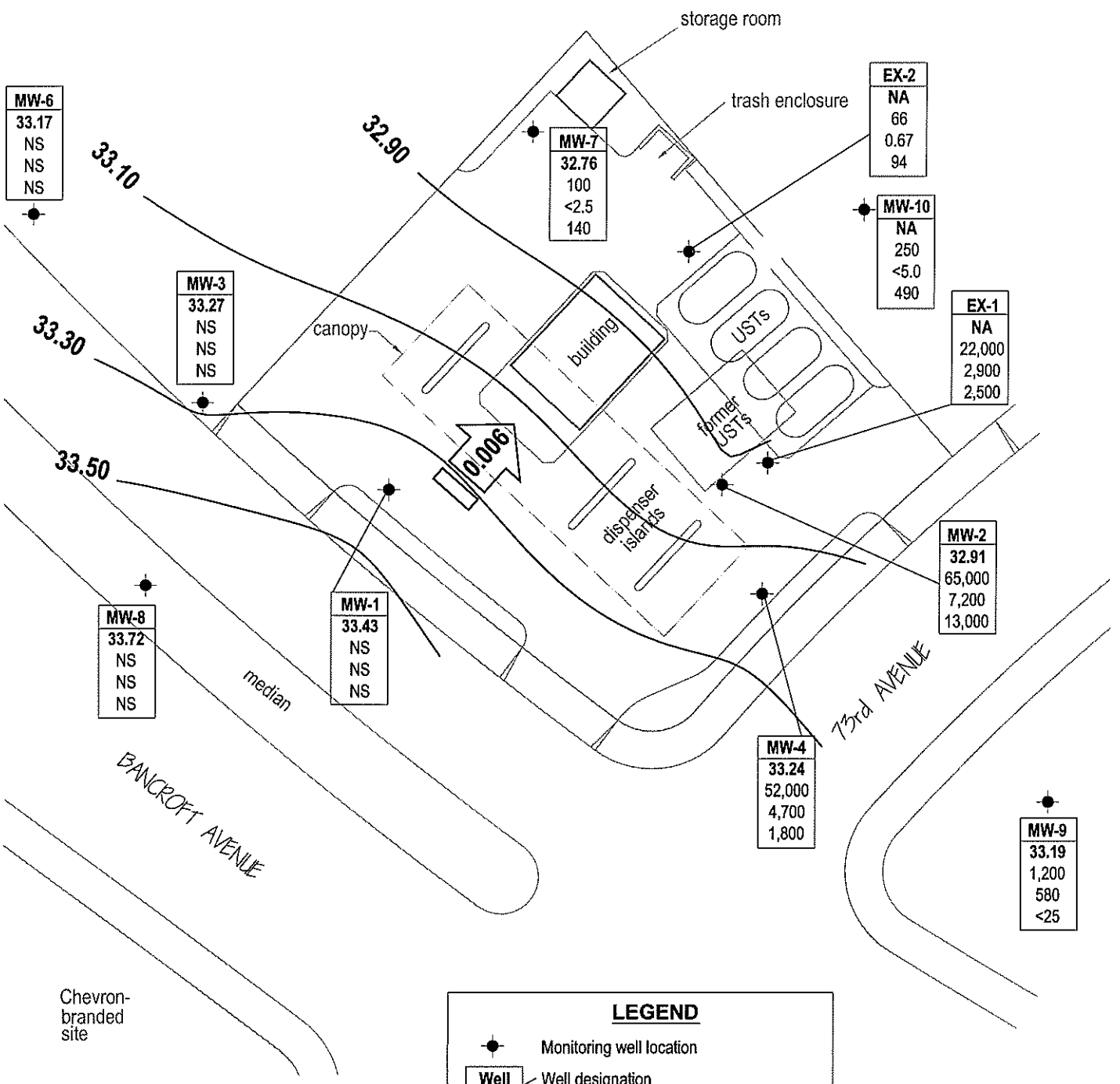
CLOSURE:

The findings presented in this report are based upon: observations of URS field personnel (see Appendix A), the points investigated, and results of laboratory tests performed by Test America (Morgan Hill, California). Our services were performed in accordance with the generally accepted standard of

practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of Atlantic Richfield Company. It is possible that variations in soil or ground-water conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

Drawing 1.	Ground-Water Elevation Contours and Analytical Summary Map, 26 August 2006, Station #11117, 7210 Bancroft Avenue, Oakland, California
Drawing 2.	Gasoline Range Organics Iso-Concentration Contours Map, 26 August 2006, Station #11117, 7210 Bancroft Avenue, Oakland, California
Drawing 3.	Benzene Iso-Concentration Contours Map, 26 August 2006, Station #11117, 7210 Bancroft Avenue, Oakland, California
Drawing 4.	MTBE Iso-Concentration Contours Map, 26 August 2006, Station #11117, 7210 Bancroft Avenue, Oakland, California
Table 1.	Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #11117, 7210 Bancroft Ave., Oakland, CA
Table 2.	Summary of Fuel Additives Analytical Data, Station #11117, 7210 Bancroft Ave., Oakland, CA
Table 3.	Historical Ground-Water Flow Direction and Gradient, Station #11117, 7210 Bancroft Ave., Oakland, CA
Appendix A.	URS Ground-Water Sampling Data Package (Includes Laboratory Report and Chain of Custody Documentation, Field and Laboratory Procedures, and Field Data Sheets)
Appendix B.	GeoTracker Upload Confirmation



LEGEND

- Monitoring well location
- Well / ELEV / GRO / Benzene / MTBE — Well designation; Ground-water elevation (ft/MSL); GRO, Benzene and MTBE concentrations in micrograms per liter (µg/L)
- 0.006 — Ground-water flow gradient and direction (ft/ft)
- 33.50 — Ground-water elevation contour (ft/MSL)
- < — Not detected at or above laboratory reporting limit
- NM — Not measured
- NS — Not sampled
- NA — Not available, well elevation not surveyed

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

BROADBENT & ASSOCIATES, INC.
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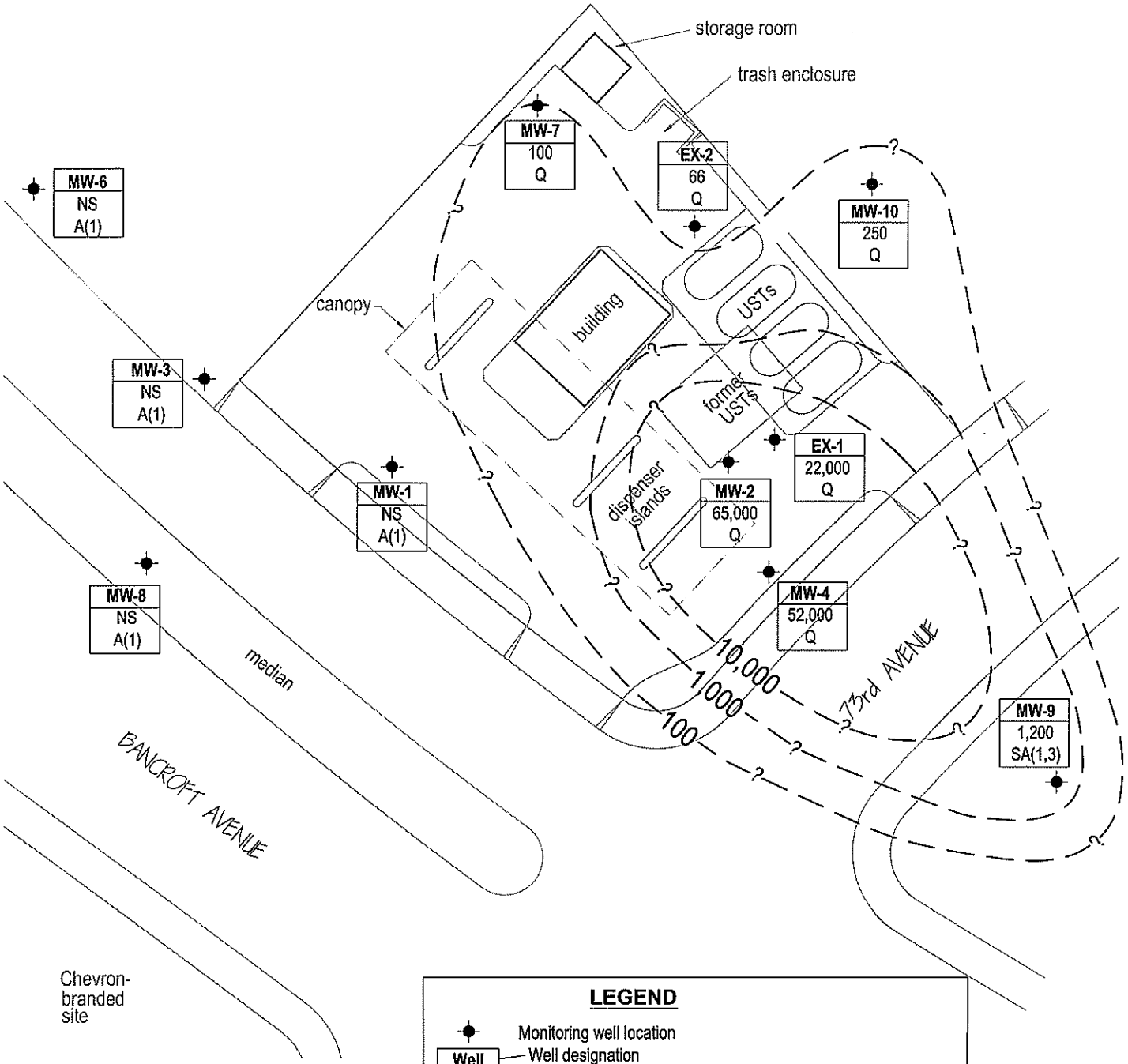
Project No.: 06-08-649 Date: 10/10/06

Station #11117
7210 Bancroft Avenue
Oakland, California

Ground-Water Elevation Contours and Analytical Summary Map
26 August 2006

Drawing 1



LEGEND

⌖	Monitoring well location
Well / GRO / A/Q/SA	Well designation; GRO concentrations in micrograms per liter (µg/L); Sampling frequency
100	Approximate GRO iso-concentration contour in micrograms per liter (µg/L). Contour interval = logarithmic.
Q	Sampled quarterly
SA(1,3)	Sampled semi-annually, 1st and 3rd quarter
A(1)	Sampled annually, 1st quarter
<	Not detected at or above laboratory reporting limit
NS	Not sampled
?	Contours within regions not bounded by monitoring points. All contours depicted are approximate.

N

0 40 80

SCALE (ft)

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

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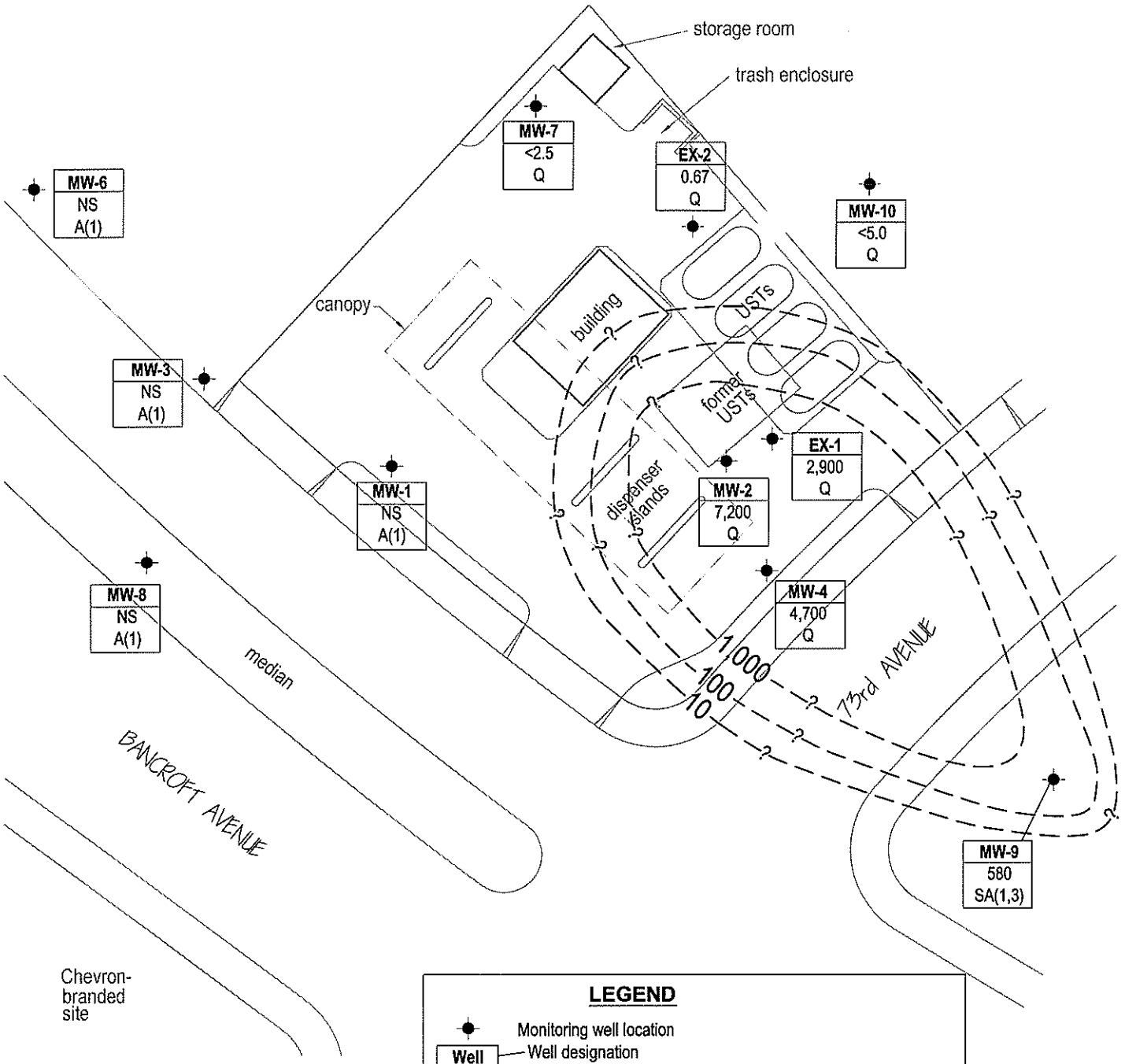
Project No.: 06-08-649 Date: 10/11/06

Station #11117
7210 Bancroft Avenue
Oakland, California

Gasoline Range Organics
Iso-Concentration Contours Map
26 August 2006

Drawing
2



LEGEND

⌖	Monitoring well location
Well / Benzene / A/Q/SA	Well designation; Benzene concentrations in micrograms per liter (µg/L); Sampling frequency
100	Approximate Benzene iso-concentration contour in micrograms per liter (µg/L). Contour interval = logarithmic.
Q	Sampled quarterly
SA(1,3)	Sampled semi-annually, 1st and 3rd quarter
A(1)	Sampled annually, 1st quarter
<	Not detected at or above laboratory reporting limit
NS	Not sampled
?	Contours within regions not bounded by monitoring points. All contours depicted are approximate.

N

0 40 80

SCALE (ft)

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

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ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
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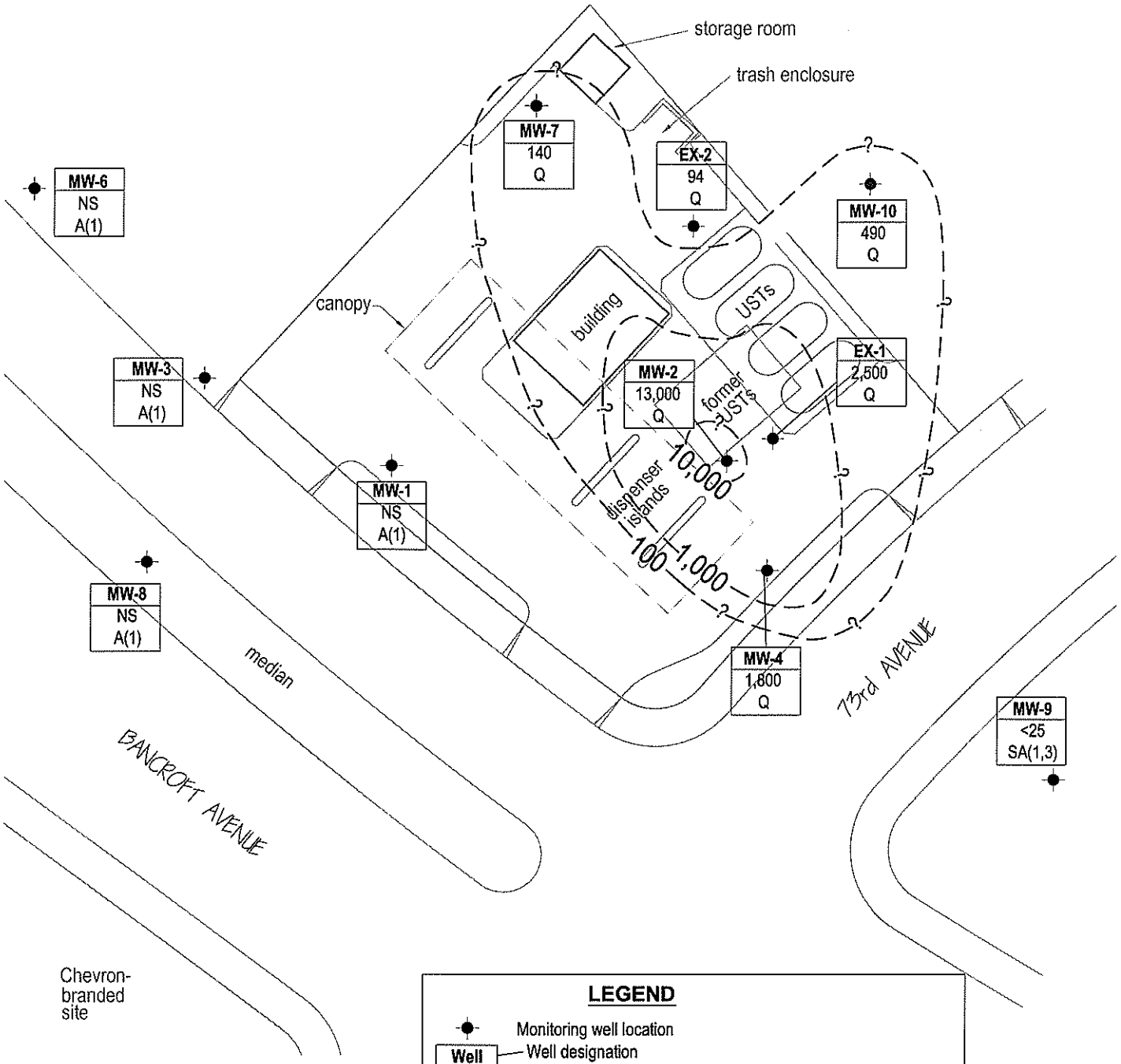
Station #11117
7210 Bancroft Avenue
Oakland, California

Benzene Iso-Concentration Contours Map
26 August 2006

Drawing
3



LEGEND

- Monitoring well location
- Well / MTBE / A/Q/SA — Well designation; MTBE concentrations in micrograms per liter (µg/L); Sampling frequency
- 100 — Approximate MTBE iso-concentration contour in micrograms per liter (µg/L). Contour interval = logarithmic.
- Q — Sampled quarterly
- SA(1,3) — Sampled semi-annually, 1st and 3rd quarter
- A(1) — Sampled annually, 1st quarter
- < — Not detected at or above laboratory reporting limit
- NS — Not sampled
- ? — Contours within regions not bounded by monitoring points. All contours depicted are approximate.

N

0 40 80

SCALE (ft)

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

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California 95926
Project No.: 06-08-649 Date: 10/11/06

Station #11117
7210 Bancroft Avenue
Oakland, California

MTBE Iso-Concentration Contours Map
26 August 2006

Drawing 4

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO			
EX-1															
05/04/2004	P	--	16.29	--	--	12,000	2,300	430	740	1,100	2,500	--	SEQM	6.8	h
08/31/2004	P	--	19.39	--	--	13,000	2,500	95	650	1,500	2,100	--	SEQM	6.7	h
11/23/2004	P	--	17.90	--	--	13,000	2,700	94	460	1,700	3,000	--	SEQM	6.9	
01/18/2005	P	--	14.20	--	--	16,000	2,100	390	570	2,500	2,200	--	SEQM	6.6	
06/29/2005	P	--	14.22	--	--	6,400	1,100	52	280	790	1,400	--	SEQM	7.2	
09/01/2005	P	--	17.22	--	--	7,900	2,000	94	400	870	2,000	--	SEQM	6.7	
11/03/2005	P	--	19.92	--	--	22,000	3,200	640	550	3,300	3,000	0.88	SEQM	6.8	
02/14/2006	P	--	15.40	--	--	3,500	<25	<25	<25	74	1,100	--	SEQM	6.8	
5/30/2006	P	--	13.43	--	--	8,600	1,400	120	490	1,300	1,400	--	SEQM	6.8	
8/29/2006	**--**	**--**	**17.74**	**--**	**--**	**22,000**	**2,900**	**210**	**1,400**	**3,600**	**2,500**	**--**	**TAMC**	**6.9**	
EX-2															
05/04/2004	P	--	16.65	--	--	<50	0.63	<0.50	<0.50	0.66	46	--	SEQM	6.7	h
08/31/2004	P	--	19.90	--	--	<250	<2.5	<2.5	<2.5	<2.5	130	--	SEQM	6.9	h
11/23/2004	P	--	18.36	--	--	<50	0.74	<0.50	0.83	3.0	5.8	--	SEQM	6.6	
01/18/2005	P	--	14.67	--	--	<50	<0.50	<0.50	<0.50	0.69	6.5	--	SEQM	6.5	
06/29/2005	P	--	14.60	--	--	<50	<0.50	<0.50	<0.50	0.50	24	--	SEQM	6.8	s
09/01/2005	P	--	17.28	--	--	<50	<0.50	1.4	<0.50	1.4	55	--	SEQM	7.0	
11/03/2005	P	--	20.42	--	--	<50	0.50	<0.50	<0.50	1.4	39	0.77	SEQM	6.9	
02/14/2006	P	--	14.54	--	--	220	<0.50	3.2	7.5	33	0.72	--	SEQM	7.0	
5/30/2006	P	--	13.35	--	--	<50	<0.50	<0.50	<0.50	0.70	7.8	--	SEQM	6.9	
8/29/2006	**--**	**--**	**17.92**	**--**	**--**	**66**	**0.67**	**<0.50**	**0.79**	**1.9**	**94**	**--**	**TAMC**	**7.0**	
MW-1															
1/5/1992	--	49.8	33.16	--	16.64	57,000	2,400	1,000	1,100	3,100	--	--	--	--	
1/10/1992	--	49.8	33.16	--	16.64	--	--	--	--	--	--	--	--	--	
6/5/1992	--	49.8	29.01	--	20.79	31,000	2,800	2,100	800	2,300	--	--	--	--	
7/24/1992	--	49.8	29.45	--	20.35	--	--	--	--	--	--	--	--	--	
7/27/1992	--	49.8	29.45	--	20.35	--	--	--	--	--	--	--	--	--	
9/15/1992	--	49.8	30.53	--	19.27	40,000	3,400	3,000	1,300	3,400	--	--	ANA	--	c
9/15/1992	--	--	--	--	--	36,000	3,800	3,400	1,400	3,800	--	--	ANA	--	d

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	(mg/L) DO	Lab	pH	Comments
MW-1 Cont.															
12/15/1992	--	49.8	31.26	--	18.54	27,000	1,700	580	700	1,900	--	--	ANA	--	c
12/15/1992	--	--	--	--	--	22,000	1,500	440	510	1,300	--	--	ANA	--	d
3/15/1993	--	--	--	--	--	15,000	1,100	860	440	1,400	--	--	PACE	--	d, l
3/15/1993	--	49.8	24.8	--	25	17,000	1,700	1,200	590	1,800	--	--	PACE	--	l
6/7/1993	--	49.8	25.01	--	24.79	750	0.8	0.8	<0.5	<0.5	--	--	PACE	--	l
6/7/1993	--	--	--	--	--	720	0.7	0.7	<0.5	<0.5	--	--	PACE	--	d, l
9/23/1993	--	49.8	28.7	--	21.1	40,000	4,000	500	920	3,000	6,619	--	PACE	--	e, l
12/27/1993	--	--	--	--	--	21,000	1,700	380	830	2,400	9,219	--	PACE	--	e,l, d
12/27/1993	--	49.8	28.66	--	21.14	27,000	2,000	400	940	2,600	13,558	--	PACE	--	e, l
4/5/1994	--	--	--	--	--	29,000	3,700	1,000	1,000	3,100	9,672	1.3	PACE	--	e,l, d
4/5/1994	--	49.8	26.37	--	23.43	27,000	3,400	930	950	2,900	8,595	--	PACE	--	e,l,
7/22/1994	--	49.8	26.54	--	23.26	1,700	220	2.3	2	3.4	262	2.0	PACE	--	e,l
10/13/1994	--	49.8	27.46	--	22.34	1,200	250	21	<0.5	3.2	321	2.6	PACE	--	e,l
1/25/1995	--	49.8	20.96	--	28.84	1,000	420	8	13	4	--	--	ATI	--	
4/19/1995	--	49.8	19.59	--	30.21	5,200	420	51	230	340	--	6.0	ATI	--	
7/5/1995	--	49.8	19.61	--	30.19	320	4.2	<0.50	<0.50	<1.0	--	4.6	ATI	--	
10/5/1995	--	49.8	24.4	--	25.4	5,800	1,000	40	31	180	7,800	2.3	ATI	--	
1/12/1996	--	49.8	25.44	--	24.36	370	<0.50	<0.50	<0.50	<1.0	<5.0	3.7	ATI	--	
4/22/1996	--	49.8	18.02	--	31.78	<50	<0.5	<1	<1	<1	<10	3.9	SPL	--	
7/2/1996	--	49.8	19.72	--	30.08	--	--	--	--	--	--	--	--	--	
7/3/1996	--	49.8	--	--	--	<250	<2.5	<5	<5	<5	<50	3.6	SPL	--	
11/8/1996	--	49.8	19.98	--	29.82	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL	--	
1/3/1997	--	49.8	19.49	--	30.31	<50	<0.5	14	<1.0	<1.0	<10	4.6	SPL	--	
4/28/1997	--	49.8	20.2	--	29.6	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	--	
7/1/1997	--	49.8	22.53	--	27.27	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	--	
10/2/1997	--	49.8	24.27	--	25.53	<50	<0.5	<1.0	<1.0	<1.0	<10	4.6	SPL	--	
1/9/1998	--	49.8	21.07	--	28.73	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL	--	
5/6/1998	--	49.8	14.94	--	34.86	60	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	--	
7/21/1998	--	49.8	15.11	--	34.69	70	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	--	
12/30/1998	--	49.8	19.95	--	29.85	--	--	--	--	--	--	--	--	--	
2/2/1999	--	49.8	19.12	--	30.68	420	<1.0	<1.0	<1.0	<1.0	390	--	SPL	--	

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)			
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO	Lab	pH	Comments
MW-1 Cont.															
5/10/1999	--	49.8	15.51	--	34.29	--	--	--	--	--	--	--	--	--	
9/23/1999	--	49.8	21.65	--	28.15	440	49	<1.0	<1.0	<1.0	910	--	SPL	--	
12/23/1999	--	49.8	22.32	--	27.48	--	--	--	--	--	--	--	--	--	
3/27/2000	--	49.8	15.72	--	34.08	2,500	230	3	83	36	4,400	--	PACE	--	
5/22/2000	--	49.8	16.92	--	32.88	--	--	--	--	--	--	--	--	--	
8/31/2000	--	49.8	20.12	--	29.68	1,700	18	5.5	7.9	5	510	--	PACE	--	
12/11/2000	--	49.8	20.72	--	29.08	--	--	--	--	--	--	--	--	--	
3/20/2001	--	49.8	15.91	--	33.89	880	38.2	<0.5	24.1	<1.5	391	--	PACE	--	
6/19/2001	--	49.8	18.38	--	31.42	--	--	--	--	--	--	--	--	--	
9/20/2001	--	49.8	21.23	--	28.57	3,200	400	19.8	42	32.5	2,510	--	PACE	--	
12/27/2001	--	49.8	16.72	--	33.08	750	70.1	0.536	4.74	3.76	649	--	PACE	--	
2/28/2002	--	49.8	15.25	--	34.55	<50	<0.5	<0.5	<0.5	<1.0	8.7	--	PACE	--	
6/28/2002	--	49.8	16.57	--	33.23	110	0.977	<0.5	0.818	<1.0	8.35	--	PACE	--	
9/12/2002	--	49.8	18.41	--	31.39	98	2.7	1.5	1.5	5.4	48	--	SEQ	6.9	
12/12/2002	--	49.8	20.26	--	29.54	210	1.9	<0.50	<0.50	<0.50	32	--	SEQ	6.8	
3/10/2003	--	49.8	16.22	--	33.58	<50	<0.50	<0.50	<0.50	<0.50	3.2	--	SEQ	6.9	
5/12/2003	--	49.8	14.3	--	35.5	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	SEQ	7.1	
8/27/2003	--	49.8	18.15	--	31.65	<50	<0.50	<0.50	<0.50	<0.50	4.2	--	SEQ	7.1	n
11/10/2003	P	49.80	19.24	--	30.56	<50	<0.50	<0.50	<0.50	<0.50	0.51	--	SEQM	6.8	
02/03/2004	P	49.80	14.84	--	34.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
05/04/2004	P	49.80	14.67	--	35.13	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.1	
08/31/2004	P	49.80	17.75	--	32.05	<50	<0.50	<0.50	<0.50	<0.50	0.50	--	SEQM	7.1	
11/23/2004	--	49.80	16.03	--	33.77	--	--	--	--	--	--	--	--	--	
01/18/2005	P	49.80	12.47	--	37.33	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.9	
06/29/2005	--	49.80	12.65	--	37.15	--	--	--	--	--	--	--	--	--	
09/01/2005	--	49.80	15.79	--	34.01	--	--	--	--	--	--	--	--	--	
11/03/2005	--	49.80	18.55	--	31.25	--	--	--	--	--	--	--	--	--	
02/14/2006	P	49.80	12.29	--	37.51	51	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	w
5/30/2006	--	49.80	12.15	--	37.65	--	--	--	--	--	--	--	--	--	
8/29/2006	--	**49.80**	**16.37**	--	**33.43**	--	--	--	--	--	--	--	--	--	

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-2															
1/5/1992	--	51.07	--	--	--	--	--	--	--	--	--	--	--	--	r
1/10/1992	--	51.07	--	--	--	--	--	--	--	--	--	--	--	--	r
6/5/1992	--	51.07	30.05	--	21.02	11,000	2,000	180	490	1,900	--	--	--	--	
7/24/1992	--	51.07	30.72	--	20.35	--	--	--	--	--	--	--	--	--	
7/27/1992	--	51.07	30.52	--	20.55	--	--	--	--	--	--	--	--	--	
9/15/1992	--	51.07	31.56	--	19.51	75,000	2,000	6,500	2,300	13,000	--	--	ANA	--	c
12/15/1992	--	51.07	32.4	--	18.67	34,000	6,200	8,900	2,000	7,900	--	--	ANA	--	c
3/15/1993	--	51.07	26.14	--	24.93	150,000	12,000	18,000	3,200	22,000	82,000	--	PACE	--	e
6/7/1993	--	51.07	26.38	--	24.69	--	--	--	--	--	--	--	--	--	f
9/23/1993	--	51.07	31.43	--	17.72	--	--	--	--	--	--	--	--	--	f
12/27/1993	--	51.07	34.07	--	15.93	--	--	--	--	--	--	--	--	--	f
4/5/1994	--	51.07	30.44	--	17.33	--	--	--	--	--	--	--	--	--	f
7/22/1994	--	51.07	28.51	--	21.76	--	--	--	--	--	--	--	--	--	f
10/13/1994	--	51.07	29.33	--	21.04	--	--	--	--	--	--	--	--	--	f
1/25/1995	--	51.07	25.55	--	21.27	--	--	--	--	--	--	--	--	--	f
4/19/1995	--	51.07	19.78	--	31.17	--	--	--	--	--	--	--	--	--	f
7/5/1995	--	51.07	20.88	--	30.1	140,000	14,000	30,000	3,500	26,000	--	--	ATI	--	
10/5/1995	--	51.07	24.68	--	26.29	--	--	--	--	--	--	--	--	--	f
1/12/1996	--	51.07	25.72	--	25.29	--	--	--	--	--	--	--	--	--	f
4/22/1996	--	51.07	19.33	--	31.66	--	--	--	--	--	--	--	--	--	f
7/2/1996	--	51.07	20.01	--	31.02	--	--	--	--	--	--	--	--	--	f
11/8/1996	--	51.07	20.28	--	30.78	--	--	--	--	--	--	--	--	--	f
1/3/1997	--	51.07	19.87	--	31.18	--	--	--	--	--	--	--	--	--	f
4/28/1997	--	51.07	20.59	--	30.47	560,000	1,200	1,300	290	2,310	6,100	3.9	SPL	--	
7/1/1997	--	--	--	--	--	150,000	14,000	13,000	1,800	14,200	57,000	--	SPL	--	d
7/1/1997	--	51.07	22.9	--	28.16	24,000	15,000	16,000	4,900	24,400	63,000	3.7	SPL	--	
10/2/1997	--	51.07	24.65	--	26.4	--	--	--	--	--	--	--	--	--	
10/3/1997	--	51.07	--	--	--	250,000	32,000	39,000	6,000	42,000	160,000	4.5	SPL	--	
1/9/1998	--	--	--	--	--	300,000	20,000	25,000	5,200	37,000	84,000	--	SPL	--	d
1/9/1998	--	51.07	21.22	--	29.84	420,000	23,000	29,000	5,800	43,000	75,000	4.0	SPL	--	
2/2/1998	--	51.07	20.11	--	30.96	410,000	27,000	43,000	6,700	50,000	20,000	--	SPL	--	

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Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO			
MW-2 Cont.															
5/6/1998	--	51.07	15.1	--	35.96	180,000	25,000	26,000	3,400	22,900	35,000	3.7	SPL	--	
7/21/1998	--	51.07	15.31	--	35.75	270,000	21,000	20,000	2,700	18,800	34,000	3.8	SPL	--	
12/30/1998	--	51.07	21.1	--	29.87	300,000	22,000	24,000	4,200	26,000	89000/95000	--	SPL	--	j
5/10/1999	--	51.07	16.68	--	34.39	220,000	20,000	20,000	2,800	20,000	100,000	--	SPL	--	
9/23/1999	--	51.07	22.5	--	28.57	160,000	21,000	24,000	2,900	20,000	44,000	--	SPL	--	
12/23/1999	--	51.07	22.64	--	28.43	170,000	25,000	41,000	3,100	24,000	40,000	--	PACE	--	k
3/27/2000	--	51.07	16.88	--	34.19	140,000	15,000	25,000	3,400	21,000	19,000	--	PACE	--	
5/22/2000	--	51.07	17.75	--	33.32	150,000	18,000	31,000	3,500	22,000	26,000	--	PACE	--	
8/31/2000	--	51.07	21.97	--	29.1	200,000	16,000	26,000	2,500	16,000	38,000	--	PACE	--	
12/11/2000	--	51.07	22.05	--	29.02	130,000	18,600	30,000	3,250	20,600	21,700	--	PACE	--	
3/20/2001	--	51.07	17.75	--	33.32	140,000	15,900	24,800	3,700	22,100	12,900	--	PACE	--	
6/19/2001	--	51.07	20.15	--	30.92	130,000	15,100	19,500	3,300	21,400	20,300	--	PACE	--	
9/20/2001	--	51.07	22.14	--	28.93	110,000	12,400	12,600	2,230	13,000	39,500	--	PACE	--	
12/27/2001	--	51.07	18.17	--	32.9	150,000	17,500	26,000	3,050	19,500	27,500	--	PACE	--	
2/28/2002	--	51.07	17.42	--	33.65	120,000	13,900	18,800	3,030	19,600	17,300	--	PACE	--	
6/28/2002	--	51.07	17.04	--	34.03	3,700	190	23.3	139	287	826	--	PACE	--	u
9/12/2002	--	51.07	19.52	--	31.55	100,000	13,000	22,000	3,600	20,000	18,000	--	SEQ	6.6	
12/12/2002	--	51.07	21.08	--	29.99	120,000	13,000	21,000	4,400	25,000	16,000	--	SEQ	6.6	
3/10/2003	--	51.07	17.84	--	33.23	100,000	17,000	21,000	3,400	20,000	4,400	--	SEQ	6.8	
5/12/2003	--	51.07	16.66	--	34.41	150,000	16,000	24,000	3,500	22,000	3,600	--	SEQ	7.1	
8/27/2003	--	51.07	19.65	--	31.42	120,000	14,000	12,000	3,900	20,000	5,100	--	SEQ	6.9	n
11/10/2003	P	51.07	20.80	--	30.27	97,000	12,000	9,500	3,600	15,000	4,200	--	SEQM	6.7	
02/03/2004	P	51.07	16.82	--	34.25	130,000	14,000	19,000	3,400	20,000	1,900	--	SEQM	6.8	
05/04/2004	P	51.07	16.19	--	34.88	120,000	12,000	16,000	3,700	22,000	2,500	--	SEQM	6.7	
08/31/2004	P	51.07	19.50	--	31.57	99,000	10,000	13,000	3,700	18,000	3,400	--	SEQM	6.8	
11/23/2004	P	51.07	18.20	--	32.87	110,000	8,200	17,000	4,000	23,000	2,400	--	SEQM	6.7	s
01/18/2005	P	51.07	14.91	--	36.16	96,000	6,500	14,000	3,500	21,000	3,700	--	SEQM	6.6	
06/29/2005	P	51.07	13.98	--	37.09	54,000	6,200	4,900	3,300	12,000	3,600	--	SEQM	7.3	
09/01/2005	P	51.07	17.00	--	34.07	58,000	6,300	6,000	3,300	15,000	5,100	--	SEQM	7.0	
11/03/2005	P	51.07	20.25	--	30.82	63,000	7,400	3,700	3,300	10,000	3,700	0.66	SEQM	6.7	
02/14/2006	P	51.07	13.72	--	37.35	97,000	7,500	11,000	4,300	16,000	3,400	--	SEQM	6.9	

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Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	(mg/L) DO	Lab	pH	Comments
MW-2 Cont.															
5/30/2006	P	51.07	13.50	--	37.57	28,000	5,200	2,500	1,500	3,300	2,300	--	SEQM	6.7	
8/29/2006	**--**	**51.07**	**18.16**	**--**	**32.91**	**65,000**	**7,200**	**4,500**	**3,200**	**11,000**	**13,000**	**--**	**TAMC**	**6.7**	
MW-3															
1/5/1992	--	49.95	33.69	--	16.26	7,400	790	23	210	40	--	--	--	--	
1/10/1992	--	49.95	33.74	--	16.21	--	--	--	--	--	--	--	--	--	
6/5/1992	--	49.95	29.65	--	20.3	2,000	130	5.3	93	20	--	--	--	--	
7/24/1992	--	49.95	30.14	--	19.81	--	--	--	--	--	--	--	--	--	
7/27/1992	--	49.95	30.14	--	19.81	--	--	--	--	--	--	--	--	--	
9/15/1992	--	49.95	31.07	--	18.88	450	55	3.1	34	7.1	--	--	ANA	--	
12/15/1992	--	49.95	31.93	--	18.02	12,000	940	<50	310	120	--	--	ANA	--	c
3/15/1993	--	49.95	25.71	--	24.24	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	l
6/7/1993	--	49.95	25.8	--	24.15	150	3.6	<0.5	0.9	1.3	--	--	PACE	--	l
9/23/1993	--	49.95	29.18	--	20.77	--	--	--	--	--	--	--	--	--	
9/24/1993	--	49.95	--	--	--	160	8.4	<0.5	3.7	1.3	15.3	--	PACE	--	l
12/27/1993	--	49.95	29.25	--	20.7	9,400	1,100	48	530	120	2,871	--	PACE	--	e,l
4/5/1994	--	49.95	26.84	--	23.11	7,000	860	19	330	52	10,414	2.0	PACE	--	l
7/22/1994	--	49.95	26.9	--	23.11	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.1	PACE	--	l
10/13/1994	--	49.95	27.83	--	22.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.6	PACE	--	l
1/25/1995	--	49.95	21.65	--	28.3	<50	<0.5	<0.5	<0.5	<1	--	--	ATI	--	
4/19/1995	--	49.95	19.33	--	30.62	2,400	170	8	130	27	--	5.0	ATI	--	
7/5/1995	--	49.95	20.27	--	29.68	<50	<0.50	<0.50	<0.50	<1.0	--	4.4	ATI	--	
10/5/1995	--	49.95	23.73	--	26.22	2,300	210	3.1	10	5.1	2,400	4.2	ATI	--	
1/12/1996	--	49.95	24.84	--	25.11	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.1	ATI	--	
4/22/1996	--	49.95	18.6	--	31.35	<50	<0.5	<1	<1	<1	<10	4.4	SPL	--	
7/2/1996	--	49.95	18.88	--	31.07	<50	<0.5	<1	<1	<1	<10	4.2	SPL	--	
11/8/1996	--	49.95	19.14	--	30.81	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	--	
1/3/1997	--	49.95	18.72	--	31.23	<50	<0.5	<1.0	<1.0	<1.0	<10	4.6	SPL	--	
4/28/1997	--	49.95	19.38	--	30.57	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL	--	
7/1/1997	--	49.95	21.65	--	28.3	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	--	
10/2/1997	--	49.95	23.45	--	26.5	<50	<0.5	<1.0	<1.0	<1.0	<10	4.5	SPL	--	

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						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO	Lab	pH	Comments
MW-3 Cont.															
1/9/1998	--	49.95	20.1	--	29.85	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL	--	
5/6/1998	--	49.95	15.57	--	34.38	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	--	
7/21/1998	--	49.95	15.88	--	34.07	51	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	--	
7/21/1998	--	--	--	--	--	60	<0.5	<1.0	<1.0	<1.0	<10	--	SPL	--	d
12/30/1998	--	49.95	20.3	--	29.65	--	--	--	--	--	--	--	SPL	--	
2/2/1999	--	49.95	19.75	--	30.2	<50	<1.0	<1.0	<1.0	<1.0	<10	--	SPL	--	
5/10/1999	--	49.95	16.17	--	33.78	--	--	--	--	--	--	--	--	--	
9/23/1999	--	49.95	22.05	--	27.9	--	--	--	--	--	--	--	--	--	
12/23/1999	--	49.95	22.55	--	27.4	--	--	--	--	--	--	--	--	--	
3/27/2000	--	49.95	16.4	--	33.55	350	22	<0.5	<0.5	<0.5	580	--	PACE	--	
5/22/2000	--	49.95	9.49	--	40.46	--	--	--	--	--	--	--	--	--	t
8/31/2000	--	49.95	13.02	--	36.93	--	--	--	--	--	--	--	--	--	t
12/11/2000	--	49.95	13.30	--	36.65	--	--	--	--	--	--	--	--	--	t
3/20/2001	--	49.95	16.49	--	33.46	1,000	66.4	0.597	6.96	<1.5	398	--	PACE	--	
6/19/2001	--	49.95	18.82	--	31.13	--	--	--	--	--	--	--	--	--	
9/20/2001	--	49.95	21.59	--	28.36	230	<0.5	0.593	<0.5	<1.5	289	--	PACE	--	
12/27/2001	--	49.95	17.37	--	32.58	--	--	--	--	--	--	--	--	--	
2/28/2002	--	49.95	15.81	--	34.14	<50	<0.5	<0.5	<0.5	<1.0	0.58	--	PACE	--	
6/28/2002	--	49.95	17.09	--	32.86	--	--	--	--	--	--	--	--	--	
9/12/2002	--	49.95	18.8	--	31.15	52	3.3	8.6	1.7	12	11	--	SEQ	7.0	
12/12/2002	--	49.95	20.57	--	29.38	--	--	--	--	--	--	--	--	--	
3/10/2003	--	49.95	16.68	--	33.27	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	SEQ	7.0	
5/12/2003	--	49.95	14.72	--	35.23	--	--	--	--	--	--	--	--	--	
8/27/2003	--	49.95	18.5	--	31.45	<50	<0.50	<0.50	<0.50	0.5	<0.50	--	--	7.1	n
11/10/2003	--	49.95	19.66	--	30.29	--	--	--	--	--	--	--	--	--	
02/03/2004	P	49.95	15.33	--	34.62	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
08/31/2004	P	49.95	18.13	--	31.82	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.1	
11/23/2004	--	49.95	16.48	--	33.47	--	--	--	--	--	--	--	--	--	
01/18/2005	P	49.95	13.06	--	36.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.9	
06/29/2005	--	49.95	13.00	--	36.95	--	--	--	--	--	--	--	--	--	
09/01/2005	--	49.95	16.00	--	33.95	--	--	--	--	--	--	--	--	--	

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	(mg/L) DO	Lab	pH	Comments
MW-3 Cont.															
11/03/2005	--	49.95	18.91	--	31.04	--	--	--	--	--	--	--	--	--	
02/14/2006	P	49.95	12.90	--	37.05	86	<0.50	<0.50	<0.50	0.55	<0.50	--	SEQM	7.3	
5/30/2006	--	49.95	12.55	--	37.40	--	--	--	--	--	--	--	--	--	
8/29/2006	**--**	**49.95**	**16.68**	**--**	**33.27**	--	--	--	--	--	--	--	--	--	
MW-4															
7/24/1992	--	50.76	30.02	--	20.74	42,000	3,200	3,600	1,400	4,100	--	--	--	--	
7/27/1992	--	50.76	30.02	--	20.74	--	--	--	--	--	--	--	--	--	
9/15/1992	--	50.76	31.14	--	19.62	55,000	7,600	13,000	2,800	9,500	--	--	ANA	--	c
12/15/1992	--	50.76	31.98	--	18.78	36,000	3,700	4,700	1,200	4,000	--	--	ANA	--	c
3/15/1993	--	50.76	25.34	--	25.42	69,000	7,600	15,000	2,500	11,000	--	--	PACE	--	l
6/7/1993	--	50.76	25.67	--	25.09	73,000	10,000	19,000	3,400	14,000	--	--	PACE	--	l
9/23/1993	--	50.76	29.37	--	21.39	--	--	--	--	--	--	--	--	--	
9/24/1993	--	--	--	--	--	59,000	5,300	10,000	2,200	8,400	309	--	PACE	--	d
9/24/1993	--	50.76	--	--	--	68,000	11,000	2,100	8,600	990	390	--	PACE	--	l
12/27/1993	--	50.76	29.4	--	21.36	32,000	2,500	4,400	1,300	4,400	387	--	PACE	--	l
4/5/1994	--	50.76	27.09	--	23.67	64,000	6,500	14,000	1,900	9,600	413	1.4	PACE	--	l
7/22/1994	--	--	--	--	--	85,000	11,000	21,000	3,300	14,000	435	--	PACE	--	d, l
7/22/1994	--	50.76	27.33	--	23.43	85,000	10,000	20,000	3,200	13,000	796	0.8	PACE	--	l
10/13/1994	--	--	--	--	--	51,000	7,400	13,000	2,100	9,100	773	--	PACE	--	d, l
10/13/1994	--	50.76	28.25	--	22.51	51,000	7,100	13,000	2,100	8,900	506	2.9	PACE	--	e,l
1/25/1995	--	50.76	21.85	--	28.91	26,000	3,600	9,600	1,200	6,400	--	--	ATI	--	
1/25/1995	--	--	--	--	--	28,000	4,200	12,000	1,500	7,800	--	--	ATI	--	d, l
4/19/1995	--	50.76	19.44	--	31.32	89,000	12,000	24,000	3,500	18,000	--	5.1	ATI	--	
4/19/1995	--	--	--	--	--	100,000	12,000	26,000	3,800	21,000	--	--	ATI	--	d
7/5/1995	--	50.76	20.52	--	30.24	130,000	13,000	29,000	3,300	25,000	--	4.3	ATI	--	
10/5/1995	--	50.76	24.23	--	26.53	110,000	10,000	23,000	3,600	17,000	34,000	2.1	ATI	--	
1/12/1996	--	50.76	25.34	--	25.42	46,000	3,500	8,300	1,100	8,000	3,000	3.3	ATI	--	
1/12/1996	--	--	--	--	--	40,000	3,500	9,000	1,200	8,700	4,300	--	ATI	--	d
4/22/1996	--	50.76	19.13	--	31.63	40,000	5,100	9,600	980	11,800	29,000	3.2	SPL	--	
4/22/1996	--	--	--	--	--	61,000	8,300	16,000	1,600	15,200	36,000	--	SPL	--	d

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Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO			
MW-4 Cont.															
7/2/1996	--	--	--	--	--	78,000	9,800	21,000	1,900	15,300	42,000	--	SPL	--	d
7/2/1996	--	50.76	20.67	--	30.09	74,000	9,800	21,000	2,100	16,600	41,000	3.4	SPL	--	
11/8/1996	--	50.76	20.95	--	29.81	100,000	7,900	16,000	2,500	13,700	37,000	3.7	SPL	--	
11/8/1996	--	--	--	--	--	110,000	9,100	20,000	3,000	15,400	39,000	--	SPL	--	d
1/3/1997	--	50.76	20.54	--	30.22	99,000	17,000	30,000	4,300	22,700	79,000	4.2	SPL	--	
1/3/1997	--	--	--	--	--	66,000	12,000	19,000	2,900	15,000	69,000	--	SPL	--	d
4/28/1997	--	50.76	21.28	--	29.48	130,000	12,000	28,000	3,800	21,000	37,000	3.9	SPL	--	
4/28/1997	--	--	--	--	--	110,000	11,000	26,000	3,200	18,200	34,000	--	SPL	--	d
7/1/1997	--	50.76	23.61	--	27.15	110,000	16,000	25,000	4,900	24,400	37,000	3.6	SPL	--	
10/2/1997	--	50.76	25.39	--	25.37	--	--	--	--	--	--	--	--	--	
10/3/1997	--	--	--	--	--	71,000	8,600	8,700	2,900	13,500	84,000	--	SPL	--	d
10/3/1997	--	50.76	--	--	--	66,000	8,200	8,600	2,700	13,400	80,000	4.4	SPL	--	
1/9/1998	--	50.76	21.25	--	29.51	100,000	9,700	3,200	1,500	4,700	92,000	3.8	SPL	--	
5/6/1998	--	--	--	--	--	440,000	8,000	39,000	14,000	70,000	<5000	--	SPL	--	d
5/6/1998	--	50.76	15.96	--	34.8	430,000	6,900	31,000	11,000	56,000	<5000	3.9	SPL	--	
7/21/1998	--	--	--	--	--	210,000	11,000	27,000	5,600	26,800	29,000	--	SPL	--	d
7/21/1998	--	50.76	16.1	--	34.66	250,000	11,000	26,000	5,500	26,900	29,000	3.7	SPL	--	
12/30/1998	--	50.76	20.91	--	29.85	370,000	11,000	22,000	8,500	40,000	90000/92000	--	SPL	--	j
2/2/1999	--	50.76	20.13	--	30.63	190,000	4,100	19,000	4,800	32,000	28,000	--	SPL	--	
5/10/1999	--	50.76	16.63	--	34.13	2,700	23	7.1	8.1	25	120	--	SPL	--	
9/23/1999	--	50.76	22.48	--	28.28	180,000	11,000	29,000	7,000	38,000	12,000	--	SPL	--	
12/23/1999	--	50.76	22.94	--	27.82	66,000	6,300	5,200	2,200	7,800	35,000	--	PACE	--	k
3/27/2000	--	50.76	16.84	--	33.92	120,000	8,700	12,000	3,800	16,000	27,000	--	PACE	--	
5/22/2000	--	50.76	17.85	--	32.91	110,000	7,600	16,000	4,400	20,000	25,000	--	PACE	--	
8/31/2000	--	50.76	21.71	--	29.05	110,000	8,800	7,600	3,400	14,000	18,000	--	PACE	--	
12/11/2000	--	50.76	22.05	--	28.71	70,000	4,580	3,480	2,550	9,220	24,400	--	PACE	--	
3/20/2001	--	50.76	17.68	--	33.08	100,000	7,100	4,530	2,540	9,370	63,100	--	PACE	--	
6/19/2001	--	50.76	19.4	--	31.36	180,000	7,430	14,600	5,400	25,300	36,100	--	PACE	--	
9/20/2001	--	50.76	22.01	--	28.75	--	--	--	--	--	--	--	--	--	f, m
12/27/2001	--	50.76	17.96	--	32.8	120,000	6,880	9,030	2,840	14,600	32,300	--	PACE	--	
2/28/2002	--	50.76	17.06	--	33.7	80,000	4,920	5,450	2,220	12,300	35,900	--	PACE	--	

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Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-4 Cont.															
6/28/2002	--	50.76	17.76	--	33	48,000	2,780	2,770	1,530	6,790	25,100	--	PACE	--	
9/12/2002	--	50.76	19.45	--	31.31	46,000	4,500	6,800	2,600	10,000	9,100	--	SEQ	6.8	
12/12/2002	--	50.76	21.29	--	29.47	36,000	5,200	3,400	2,000	6,500	12,000	--	SEQ	6.7	
3/10/2003	--	50.76	17.16	--	33.6	70,000	7,000	4,800	3,300	13,000	29,000	--	SEQ	6.7	
5/12/2003	--	50.76	14.51	--	36.25	75,000	7,600	3,700	3,400	13,000	26,000	--	SEQ	6.8	
8/27/2003	--	50.76	19.32	--	31.44	77,000	7,500	1,300	2,100	4,000	32,000	--	SEQ	6.8	n, s
11/10/2003	P	50.76	20.36	--	30.40	110,000	7,100	3,100	2,100	5,800	25,000	--	SEQM	6.6	
02/03/2004	P	50.76	16.51	--	34.25	160,000	8,400	9,700	5,000	23,000	26,000	--	SEQM	6.7	
05/04/2004	P	50.76	16.47	--	34.29	110,000	8,100	7,500	4,300	17,000	<250	--	SEQM	6.7	
08/31/2004	P	50.76	19.16	--	31.60	91,000	6,600	8,400	3,700	14,000	14,000	--	SEQM	6.7	
11/23/2004	P	50.76	18.02	--	32.74	7,400,000	20,000	150,000	320,000	1,400,000	23,000	--	SEQM	6.6	s
01/18/2005	P	50.76	14.21	--	36.55	170,000	5,400	14,000	6,900	33,000	8,800	--	SEQM	6.5	s
06/29/2005	P	50.76	13.86	--	36.90	640,000	3,500	25,000	24,000	110,000	1,700	--	SEQM	7.2	
09/01/2005	P	50.76	16.89	--	33.87	100,000	3,800	11,000	4,900	33,000	1,100	--	SEQM	6.7	
11/03/2005	P	50.76	19.33	--	31.43	490,000	4,700	11,000	10,000	49,000	1,500	0.5	SEQM	6.6	
02/14/2006	P	50.76	13.55	--	37.21	970,000	60,000	7,000	36,000	140,000	38,000	--	SEQM	6.8	s
5/30/2006	P	50.76	13.52	--	37.24	140,000	3,000	6,600	6,200	29,000	560	--	SEQM	6.6	
8/29/2006	**--**	**50.76**	**17.52**	**--**	**33.24**	**52,000**	**4,700**	**2,500**	**3,500**	**12,000**	**1,800**	**--**	**TAMC**	**6.7**	
MW-6															
7/24/1992	--	50.32	30.63	--	19.69	ND	1.6	ND	ND	ND	--	--	--	--	
7/27/1992	--	50.32	30.63	--	19.69	--	--	--	--	--	--	--	--	--	
9/15/1992	--	50.32	31.52	--	18.8	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	
12/15/1992	--	50.32	32.42	--	17.9	58	1.3	<0.5	<0.5	<0.5	--	--	ANA	--	
3/15/1993	--	50.32	26.29	--	24.03	<50	<0.5	0.6	<0.5	0.7	--	--	PACE	--	l
6/7/1993	--	50.32	26.33	--	23.99	<50	<0.5	<0.5	<0.5	1.5	--	--	PACE	--	l
9/23/1993	--	50.32	29.64	--	20.68	--	--	--	--	--	--	--	--	--	
9/24/1993	--	50.32	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	28.5	--	PACE	--	l
12/27/1993	--	50.32	29.75	--	20.57	<50	<0.5	<0.5	<0.5	<0.5	55.4	--	PACE	--	e,l
4/5/1994	--	50.32	27.26	--	23.06	<50	<0.5	<0.5	<0.5	<0.5	295	1.7	PACE	--	e,l
7/22/1994	--	50.32	27.34	--	22.98	350	<0.5	<0.5	<0.5	<0.5	419	4.5	PACE	--	e,l

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Station #11117, 7210 Bancroft Ave., Oakland, CA

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						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-6 Cont.															
10/13/1994	--	50.32	--	--	--	--	--	--	--	--	--	--	--	--	g
1/25/1995	--	50.32	22.16	--	28.16	240	6	<0.5	<0.5	<1	--	--	ATI	--	
4/19/1995	--	50.32	--	--	--	--	--	--	--	--	--	--	--	--	g
7/5/1995	--	50.32	20.8	--	29.52	180	<0.50	<0.50	<0.50	<1.0	--	4.9	ATI	--	
10/5/1995	--	50.32	24.2	--	26.12	860	<5.0	<5.0	<5.0	<10	3,600	2.8	ATI	--	
1/12/1996	--	50.32	25.3	--	25.02	860	<5.0	<5.0	<5.0	<10	2,800	4.2	ATI	--	
4/22/1996	--	50.32	19.13	--	31.19	<50	<0.5	<1	<1	<1	470	4.3	SPL	--	
7/2/1996	--	50.32	20.66	--	29.66	100	<0.5	<1	<1	<1	1,100	4.2	SPL	--	
11/8/1996	--	50.32	20.98	--	29.34	1,100	<5	<10	<10	<10	1,500	4.3	SPL	--	
1/3/1997	--	50.32	20.53	--	29.79	<50	<0.5	<1.0	<1.0	<1.0	450	4.5	SPL	--	
4/28/1997	--	50.32	21.25	--	29.07	1,400	<0.5	<1.0	<1.0	<1.0	3,500	4.4	SPL	--	
7/1/1997	--	50.32	23.4	--	26.92	6,100	<0.5	<1.0	<1.0	<1.0	9,100	3.9	SPL	--	
10/2/1997	--	50.32	25.16	--	25.16	--	--	--	--	--	--	--	--	--	
10/3/1997	--	50.32	--	--	--	330	<0.5	<1.0	<1.0	<1.0	2,600	4.4	SPL	--	
1/9/1998	--	50.32	21.13	--	29.19	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL	--	
5/6/1998	--	50.32	16.11	--	34.21	410	<0.5	<1.0	<1.0	<1.0	500	3.6	SPL	--	
7/21/1998	--	50.32	16.33	--	33.99	4,300	<5	<10	<10	<10	3,800	4.0	SPL	--	
12/30/1998	--	50.32	20.89	--	29.43	--	--	--	--	--	--	--	--	--	
2/2/1999	--	50.32	20.2	--	30.12	--	--	--	--	--	--	--	--	--	
5/10/1999	--	50.32	16.75	--	33.57	--	--	--	--	--	--	--	--	--	
9/23/1999	--	50.32	22.55	--	27.77	<50	<1.0	<1.0	<1.0	<1.0	1,600	--	SPL	--	
12/23/1999	--	50.32	23	--	27.32	--	--	--	--	--	--	--	--	--	
3/27/2000	--	50.32	16.89	--	33.43	1,700	4.4	0.54	<0.5	1	14,000	--	PACE	--	
5/22/2000	--	50.32	18.02	--	32.3	--	--	--	--	--	--	--	--	--	
8/31/2000	--	50.32	21.62	--	28.7	1,200	<0.5	<0.5	<0.5	<0.5	3,900	--	PACE	--	
12/11/2000	--	50.32	21.81	--	28.51	--	--	--	--	--	--	--	--	--	
3/20/2001	--	50.32	16.97	--	33.35	3,300	<0.5	<0.5	<0.5	<1.5	3,760	--	PACE	--	
6/19/2001	--	50.32	19.3	--	31.02	--	--	--	--	--	--	--	--	--	
9/20/2001	--	50.32	22	--	28.32	2,200	2.04	8.1	3.62	13.7	2,460	--	PACE	--	
12/27/2001	--	50.32	17.85	--	32.47	830	0.59	<0.5	<0.5	<1.0	1,040	--	PACE	--	
2/28/2002	--	50.32	16.31	--	34.01	1,100	<0.5	<0.5	<0.5	<1.0	1,450	--	PACE	--	

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						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO	Lab	pH	Comments
MW-6 Cont.															
6/28/2002	--	50.32	17.57	--	32.75	<50	<0.5	<0.5	<0.5	<1.0	1,020	--	PACE	--	
9/12/2002	--	50.32	19.27	--	31.05	190	1.9	4.6	1	7.3	480	--	SEQ	7.1	
12/12/2002	--	50.32	20.94	--	29.38	270	<2.5	<2.5	<2.5	<2.5	500	--	SEQ	6.9	
3/10/2003	--	50.32	17.11	--	33.21	110	<0.50	<0.50	<0.50	<0.50	190	--	SEQ	7.0	
5/12/2003	--	50.32	15.18	--	35.14	<50	<0.50	<0.50	<0.50	<0.50	36	--	SEQ	7.0	
8/27/2003	--	50.32	18.9	--	31.42	<50	<0.50	<0.50	<0.50	<0.50	8.9	--	SEQ	7.0	n
11/10/2003	P	50.32	20.13	--	30.19	<50	<0.50	<0.50	<0.50	<0.50	4.5	--	SEQM	6.8	
02/03/2004	NP	50.32	15.83	--	34.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.9	
05/04/2004	P	50.32	15.62	--	34.70	<50	<0.50	<0.50	<0.50	<0.50	24	--	SEQM	6.9	
08/31/2004	P	50.32	18.56	--	31.76	<50	<0.50	<0.50	<0.50	<0.50	27	--	SEQM	7.0	
11/23/2004	--	50.32	16.95	--	33.37	--	--	--	--	--	--	--	--	--	
01/18/2005	P	50.32	13.61	--	36.71	<50	<0.50	<0.50	<0.50	<0.50	1.3	--	SEQM	6.8	
06/29/2005	--	50.32	13.55	--	36.77	--	--	--	--	--	--	--	--	--	
09/01/2005	--	50.32	16.52	--	33.80	--	--	--	--	--	--	--	--	--	
11/03/2005	--	50.32	19.28	--	31.04	--	--	--	--	--	--	--	--	--	
02/14/2006	--	50.32	--	--	--	--	--	--	--	--	--	--	--	--	g
5/30/2006	--	50.32	--	--	--	--	--	--	--	--	--	--	--	--	g
8/29/2006	**--**	**50.32**	**17.15**	**--**	**33.17**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-7															
1/25/1995	--	51.4	21.67	--	29.73	<50	<0.5	<0.5	<0.5	<1	--	7.0	ATI	--	
4/19/1995	--	51.4	25.27	--	26.13	<50	<0.5	<0.5	<0.5	<1	--	5.0	ATI	--	
7/5/1995	--	51.4	24.63	--	26.77	<50	<0.50	<0.50	<0.50	<1.0	--	4.2	ATI	--	
10/5/1995	--	51.4	28.21	--	23.19	83	<0.50	<0.50	<0.50	<1.0	77	4.5	ATI	--	
1/12/1996	--	51.4	29.29	--	22.11	63	<0.50	<0.50	<0.50	<1.0	120	4.8	ATI	--	
4/22/1996	--	51.4	23.11	--	28.29	<50	<0.5	<1	<1	<1	13	4.8	SPL	--	
7/2/1996	--	51.4	23.56	--	27.84	<50	<0.5	<1	<1	<1	<10	4.8	SPL	--	
11/8/1996	--	51.4	20.06	--	31.34	<50	<0.5	<1.0	<1.0	<1.0	<10	5.1	SPL	--	
1/3/1997	--	51.4	23.42	--	27.98	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL	--	
4/28/1997	--	51.4	24.12	--	27.28	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	--	
7/1/1997	--	51.4	26.4	--	25	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL	--	

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	(mg/L) DO	Lab	pH	Comments
MW-7 Cont.															
10/2/1997	--	51.4	28.14	--	23.26	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL	--	
1/9/1998	--	51.4	24.02	--	27.38	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL	--	
5/6/1998	--	51.4	21	--	30.4	1,900	<0.5	<1.0	<1.0	<1.0	1,800	3.5	SPL	--	
7/21/1998	--	51.4	21.17	--	30.23	50	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL	--	
12/30/1998	--	51.4	22.13	--	29.27	--	--	--	--	--	--	--	--	--	
2/2/1999	--	51.4	22.08	--	29.32	--	--	--	--	--	--	--	--	--	
5/10/1999	--	51.4	18.58	--	32.82	--	--	--	--	--	--	--	--	--	
9/23/1999	--	51.4	24.29	--	27.11	70	<1.0	<1.0	<1.0	<1.0	4,700	--	SPL	--	
12/23/1999	--	51.4	24.53	--	26.87	--	--	--	--	--	--	--	--	--	
3/27/2000	--	51.4	18.58	--	32.82	910	<0.5	<0.5	<0.5	<0.5	2,600	--	PACE	--	
5/22/2000	--	51.4	19.49	--	31.91	--	--	--	--	--	--	--	--	--	
8/31/2000	--	51.4	22.53	--	28.87	440	<0.5	<0.5	<0.5	<0.5	900	--	PACE	--	
12/11/2000	--	51.4	22.75	--	28.65	--	--	--	--	--	--	--	--	--	
3/20/2001	--	51.4	18.79	--	32.61	1,100	<0.5	<0.5	<0.5	<1.5	1,210	--	PACE	--	
6/19/2001	--	51.4	19.82	--	31.58	--	--	--	--	--	--	--	--	--	
9/20/2001	--	51.4	21.35	--	30.05	1,300	1.21	<0.5	<0.5	<1.5	1,550	--	PACE	--	
12/27/2001	--	51.4	20.36	--	31.04	510	<0.5	<0.5	<0.5	<1.0	643	--	PACE	--	
2/28/2002	--	51.4	21.86	--	29.54	250	<0.5	<0.5	<0.5	<1.0	317	--	PACE	--	
6/28/2002	--	51.4	22.64	--	28.76	<50	<0.5	<0.5	<0.5	<1.0	102	--	PACE	--	
9/12/2002	--	51.4	23.51	--	27.89	<50	<0.5	<0.5	<0.5	1	14	--	SEQ	7.5	
12/12/2002	--	51.4	23.75	--	27.65	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	SEQ	7.5	
3/10/2003	--	51.4	21.25	--	30.15	61	<0.50	<0.50	<0.50	<0.50	99	--	SEQ	7.6	
5/12/2003	--	51.4	21.44	--	29.96	<100	<1.0	<1.0	<1.0	<1.0	120	--	SEQ	7.6	
8/27/2003	--	51.4	23.3	--	28.1	120	<0.50	<0.50	<0.50	<0.50	84	--	SEQ	7.6	n
11/10/2003	P	51.40	20.24	--	31.16	230	<1.0	<1.0	<1.0	<1.0	92	--	SEQM	6.7	o
02/03/2004	P	51.40	20.63	--	30.77	<250	<2.5	<2.5	<2.5	<2.5	91	--	SEQM	7.5	
05/04/2004	P	51.40	21.89	--	29.51	<250	<2.5	<2.5	<2.5	<2.5	190	--	SEQM	7.6	k
08/31/2004	P	51.40	23.16	--	28.24	<500	<5.0	<5.0	<5.0	<5.0	220	--	SEQM	7.3	
11/23/2004	P	51.40	21.65	--	29.75	590	<2.5	5.0	11	51	290	--	SEQM	7.1	
01/18/2005	P	51.40	16.28	--	35.12	<250	<2.5	<2.5	<2.5	2.5	92	--	SEQM	7.3	
06/29/2005	P	51.40	14.50	--	36.90	2,200	43	97	92	390	250	--	SEQM	8.0	

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-7 Cont.															
09/01/2005	P	51.40	20.41	--	30.99	<500	<5.0	<5.0	<5.0	<5.0	60	--	SEQM	7.5	
11/03/2005	P	51.40	21.00	--	30.40	130	<1.0	<1.0	<1.0	1.0	130	0.63	SEQM	7.2	w
02/14/2006	P	51.40	16.31	--	35.09	100	<0.50	<0.50	<0.50	0.87	62	--	SEQM	7.4	
5/30/2006	P	51.40	17.58	--	33.82	<50	<0.50	<0.50	<0.50	<0.50	9.1	--	SEQM	7.2	
8/29/2006	**--**	**51.40**	**18.64**	**--**	**32.76**	**100**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**140**	**--**	**TAMC**	**6.9**	
MW-8															
1/25/1995	--	50.88	31.59	--	19.29	54	<0.5	<0.5	<0.5	<1	--	7.1	ATI	--	
4/19/1995	--	50.88	19.18	--	31.7	<50	<0.5	<0.5	<0.5	<1	--	5.1	ATI	--	
7/5/1995	--	50.88	19.03	--	31.85	<50	<0.50	<0.50	<0.50	<1.0	--	4.5	ATI	--	
10/5/1995	--	50.88	24.4	--	26.48	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.1	ATI	--	
1/12/1996	--	50.88	25.51	--	25.37	<50	<0.50	<0.50	<0.50	<1.0	<5.0	4.6	ATI	--	
4/22/1996	--	50.88	18	--	32.88	<50	<0.5	<1	<1	<1	<10	4.8	SPL	--	
7/2/1996	--	50.88	19.83	--	31.05	<50	<0.5	<1	<1	<1	<10	4.5	SPL	--	
11/8/1996	--	50.88	20.09	--	30.79	<50	<0.5	<1.0	<1.0	<1.0	<10	4.7	SPL	--	
1/3/1997	--	50.88	19.72	--	31.16	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	--	
4/28/1997	--	50.88	20.44	--	30.44	<50	<0.5	<1.0	<1.0	<1.0	<10	4.1	SPL	--	
7/1/1997	--	50.88	22.72	--	28.16	<50	<0.5	<1.0	<1.0	<1.0	<10	3.8	SPL	--	
10/2/1997	--	50.88	24.51	--	26.37	<50	<0.5	<1.0	<1.0	<1.0	<10	4.2	SPL	--	
1/9/1998	--	50.88	21.17	--	29.71	<50	<0.5	<1.0	<1.0	<1.0	<10	3.5	SPL	--	
5/6/1998	--	50.88	18.34	--	32.54	<50	<0.5	<1.0	<1.0	<1.0	<10	3.6	SPL	--	
7/21/1998	--	50.88	18.55	--	32.33	90	<0.5	<1.0	<1.0	<1.0	<10	3.3	SPL	--	
12/30/1998	--	50.88	20.4	--	30.48	--	--	--	--	--	--	--	--	--	
2/2/1999	--	50.88	19.28	--	31.6	--	--	--	--	--	--	--	--	--	
5/10/1999	--	50.88	15.62	--	35.26	--	--	--	--	--	--	--	--	--	
9/23/1999	--	50.88	21.74	--	29.14	--	--	--	--	--	--	--	--	--	
12/23/1999	--	50.88	22.83	--	28.05	--	--	--	--	--	--	--	--	--	
3/27/2000	--	50.88	16.25	--	34.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--	
5/22/2000	--	50.88	17.06	--	33.82	--	--	--	--	--	--	--	--	--	
8/31/2000	--	50.88	21.72	--	29.16	--	--	--	--	--	--	--	--	--	
12/11/2000	--	50.88	22.03	--	28.85	--	--	--	--	--	--	--	--	--	

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-8 Cont.															
3/20/2001	--	50.88	16.23	--	34.65	<50	<0.5	<0.5	<0.5	<1.5	0.991	--	PACE	--	
6/19/2001	--	50.88	19.35	--	31.53	--	--	--	--	--	--	--	--	--	
9/20/2001	--	50.88	21.95	--	28.93	--	--	--	--	--	--	--	--	--	
12/27/2001	--	50.88	16.98	--	33.9	--	--	--	--	--	--	--	--	--	
2/28/2002	--	50.88	15.38	--	35.5	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	PACE	--	
6/28/2002	--	50.88	16.97	--	33.91	--	--	--	--	--	--	--	--	--	
9/12/2002	--	50.88	19.47	--	31.41	--	--	--	--	--	--	--	--	--	
12/12/2002	--	50.88	20.84	--	30.04	--	--	--	--	--	--	--	--	--	
3/10/2003	--	50.88	16.56	--	34.32	<50	<0.50	<0.50	<0.50	<0.50	3	--	SEQ	7.1	
5/12/2003	--	50.88	13.63	--	37.25	--	--	--	--	--	--	--	--	--	
8/27/2003	--	50.88	18.9	--	31.98	--	--	--	--	--	--	--	--	--	n
11/10/2003	--	50.88	19.68	--	31.20	--	--	--	--	--	--	--	--	--	
02/03/2004	P	50.88	14.76	--	36.12	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.5	
05/04/2004	--	50.88	14.69	--	36.19	--	--	--	--	--	--	--	--	--	
08/31/2004	--	50.88	18.08	--	32.80	--	--	--	--	--	--	--	--	--	
11/23/2004	NP	50.88	15.77	--	35.11	--	--	--	--	--	--	--	--	--	
01/18/2005	P	50.88	12.04	--	38.84	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
06/29/2005	--	50.88	--	--	--	--	--	--	--	--	--	--	--	--	v
09/01/2005	--	50.88	16.12	--	34.76	--	--	--	--	--	--	--	--	--	
11/03/2005	--	50.88	19.42	--	31.46	--	--	--	--	--	--	--	--	--	
02/14/2006	P	50.88	12.43	--	38.45	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
5/30/2006	--	50.88	12.40	--	38.48	--	--	--	--	--	--	--	--	--	
8/29/2006	**--**	**50.88**	**17.16**	**--**	**33.72**	--	--	--	--	--	--	--	--	--	
MW-9															
1/25/1995	--	51.05	22.32	--	28.73	<50	<0.5	<0.5	<0.5	<1	--	7.4	ATI	--	
4/19/1995	--	51.05	19.86	--	31.19	<50	<0.5	<0.5	<0.5	<1	--	5.2	ATI	--	
7/5/1995	--	51.05	20.78	--	30.27	<50	<0.50	<0.50	<0.50	<1.0	--	4.4	ATI	--	
10/5/1995	--	--	--	--	--	52	<0.50	<0.50	<0.50	<1.0	160	--	ATI	--	d
10/5/1995	--	51.05	24.33	--	26.72	<50	<0.50	<0.50	<0.50	<1.0	--	2.3	ATI	--	
1/12/1996	--	51.05	25.44	--	25.61	<50	<0.50	<0.50	<0.50	<1.0	<5.0	3.2	ATI	--	

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Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)			
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO	Lab	pH	Comments
MW-9 Cont.															
4/22/1996	--	51.05	18.01	--	33.04	<50	<0.5	<1	<1	<1	11	3.5	SPL	--	
7/2/1996	--	51.05	19.7	--	31.35	<50	<0.5	<1	<1	<1	<10	3.3	SPL	--	
11/8/1996	--	51.05	19.96	--	31.09	<50	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL	--	
1/3/1997	--	51.05	19.52	--	31.53	<250	<2.5	<5.0	<5.0	<5.0	<50	4.4	SPL	--	
4/28/1997	--	51.05	20.22	--	30.83	<50	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL	--	
7/1/1997	--	51.05	22.59	--	28.46	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	--	
10/2/1997	--	51.05	24.33	--	26.72	--	--	--	--	--	--	--	--	--	
10/3/1997	--	51.05	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	4.4	SPL	--	
1/9/1998	--	51.05	21.11	--	29.94	<50	<0.5	<1.0	<1.0	<1.0	<10	3.9	SPL	--	
5/6/1998	--	51.05	18.26	--	32.79	<50	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL	--	
7/21/1998	--	51.05	18.46	--	32.59	70	<0.5	<1.0	<1.0	<1.0	<10	3.7	SPL	--	
12/30/1998	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
2/2/1999	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
5/10/1999	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
9/23/1999	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
12/23/1999	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
3/27/2000	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
5/22/2000	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
8/31/2000	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
12/11/2000	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
3/20/2001	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
6/19/2001	--	51.05	--	--	--	--	--	--	--	--	--	--	--	--	g
9/20/2001	--	51.05	22.2	--	28.85	6,300	2.87	<0.5	<0.5	<1.5	8,640	--	PACE	--	
12/27/2001	--	51.05	18.92	--	32.13	--	--	--	--	--	--	--	--	--	
2/28/2002	--	51.05	17.22	--	33.83	19,000	1,560	61.3	84	111	20,200	--	PACE	--	
6/28/2002	--	51.05	18.2	--	32.85	--	--	--	--	--	--	--	--	--	
9/12/2002	--	51.05	19.92	--	31.13	5,100	570	180	<25	220	6,400	--	SEQ	6.8	
12/12/2002	--	51.05	21.78	--	29.27	--	--	--	--	--	--	--	--	--	
3/10/2003	--	51.05	18.25	--	32.8	26,000	2,500	<100	<100	<100	33,000	--	SEQ	6.9	
5/12/2003	--	51.05	16.29	--	34.76	--	--	--	--	--	--	--	SEQ	--	
8/27/2003	--	51.05	19.69	--	31.36	11,000	830	<50	<50	<50	6,300	--	SEQ	7.1	n

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L)	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO			
MW-9 Cont.															
11/10/2003	--	51.05	19.97	--	31.08	--	--	--	--	--	--	--	--	--	
02/03/2004	P	51.05	17.23	--	33.82	6,200	180	<50	<50	<50	2,100	--	SEQM	7.2	
05/04/2004	--	51.05	17.17	--	33.88	--	--	--	--	--	--	--	--	--	
08/31/2004	P	51.05	19.71	--	31.34	<2,500	210	<25	<25	<25	1,500	--	SEQM	7.0	
11/23/2004	--	51.05	18.58	--	32.47	--	--	--	--	--	--	--	--	--	
01/18/2005	P	51.05	14.98	--	36.07	490	32	<2.5	<2.5	8.9	130	--	SEQM	6.9	
06/29/2005	--	51.05	14.74	--	36.31	--	--	--	--	--	--	--	--	--	
09/01/2005	P	51.05	17.42	--	33.63	3,500	1,300	<25	<25	28	240	--	SEQM	6.9	
11/03/2005	--	51.05	19.90	--	31.15	--	--	--	--	--	--	--	--	--	
02/14/2006	P	51.05	12.95	--	38.10	2,700	<25	<25	<25	<25	2,200	--	SEQM	7.0	w
5/30/2006	--	51.05	13.76	--	37.29	--	--	--	--	--	--	--	--	--	
8/29/2006	**--**	**51.05**	**17.86**	**--**	**33.19**	**1,200**	**580**	**<25**	**<25**	**<25**	**<25**	**--**	**TAMC**	**6.9**	
MW-10															
1/9/1998	--	--	20.97	--	--	<50	<0.5	<1.0	<1.0	<1.0	<10	4.3	SPL	--	h
5/6/1998	--	--	18.07	--	--	800	<0.5	<1.0	<1.0	<1.0	980	3.9	SPL	--	h
7/21/1998	--	--	18.28	--	--	80	<0.5	<1.0	<1.0	<1.0	<10	4.0	SPL	--	h
12/30/1998	--	--	22.22	--	--	--	--	--	--	--	--	--	--	--	h
2/2/1999	--	--	21.83	--	--	940	<10	<10	<10	<10	690	--	SPL	--	h
5/10/1999	--	--	17.99	--	--	--	--	--	--	--	--	--	--	--	h
9/23/1999	--	--	22.61	--	--	<50	<1.0	<1.0	<1.0	1.4	1,000	--	SPL	--	h
12/23/1999	--	--	23.75	--	--	--	--	--	--	--	--	--	--	--	h
3/27/2000	--	--	18.83	--	--	1,900	<0.5	<0.5	<0.5	<0.5	28,000	--	PACE	--	h
5/22/2000	--	--	19.47	--	--	--	--	--	--	--	--	--	--	--	h
8/31/2000	--	--	22.64	--	--	1,700	<0.5	<0.5	<0.5	<0.5	13,000	--	PACE	--	h
12/11/2000	--	--	22.84	--	--	--	--	--	--	--	--	--	--	--	h
3/20/2001	--	--	19.57	--	--	16,000	<0.5	<0.5	<0.5	<1.5	11,900	--	PACE	--	h
6/19/2001	--	--	20.63	--	--	--	--	--	--	--	--	--	--	--	h
9/20/2001	--	--	23.07	--	--	5,800	<0.5	<0.5	<0.5	<1.5	8,160	--	PACE	--	h
12/27/2001	--	--	20.92	--	--	6,600	17.3	14.5	<12.5	<25	7,750	--	PACE	--	h
2/28/2002	--	--	18.52	--	--	3,600	10.8	<0.5	<0.5	<1.0	5,380	--	PACE	--	h

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-10 Cont.															
6/28/2002	--	--	18.41	--	--	<50	<0.5	<0.5	<0.5	<1.0	2,570	--	PACE	--	h
9/12/2002	--	--	20.57	--	--	660	<5.0	<5.0	<5.0	<5.0	3,300	--	SEQ	7.2	h
12/12/2002	--	--	22.8	--	--	1,400	<5.0	<5.0	<5.0	<5.0	3,300	--	SEQ	6.9	h
3/10/2003	--	--	19.26	--	--	1,700	<5.0	<5.0	5.3	15	2,800	--	SEQ	6.9	h
5/12/2003	--	--	17.9	--	--	1,500	<12	<12	<12	<12	2,200	--	SEQ	6.9	h
8/27/2003	--	--	20.82	--	--	4,100	<25	<25	<25	<25	2,800	--	SEQ	7.0	n, h
11/10/2003	P	--	21.92	--	--	<5,000	<50	<50	<50	<50	3,300	--	SEQM	6.8	
02/03/2004	P	--	18.52	--	--	5,100	<50	<50	<50	<50	2,300	--	SEQM	7.0	q
05/04/2004	P	--	17.63	--	--	<2,500	<25	<25	<25	<25	1,600	--	SEQM	6.8	
08/31/2004	P	--	20.67	--	--	<5,000	<50	<50	<50	<50	1,900	--	SEQM	7.0	
11/23/2004	P	--	19.79	--	--	2,600	<25	<25	<25	<25	2,300	--	SEQM	6.8	
01/18/2005	P	--	16.13	--	--	560	<5.0	<5.0	<5.0	<5.0	530	--	SEQM	6.9	
06/29/2005	P	--	15.56	--	--	110	1.9	4.6	4.2	17	71	--	SEQM	6.8	
09/01/2005	P	--	18.10	--	--	<250	<2.5	<2.5	<2.5	<2.5	280	--	SEQM	6.9	
11/03/2005	P	--	20.90	--	--	800	<5.0	<5.0	<5.0	7.0	770	0.71	SEQM	6.8	w
02/14/2006	P	--	15.58	--	--	600	<0.50	<0.50	<0.50	<0.50	400	--	SEQM	7.1	x
5/30/2006	P	--	14.70	--	--	95	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.7	
8/29/2006	**--**	**--**	**18.69**	**--**	**--**	**250**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**490**	**--**	**TAMC**	**6.7**	
QC-2															
9/15/1992	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	i
12/15/1992	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ANA	--	i
3/15/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i, l
6/7/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	i, l
9/24/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	i, l
12/27/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	i, l
4/5/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	i, l
7/22/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	i, l
10/13/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	i, l
1/25/1995	--	--	--	--	--	<50	<0.5	2	0.6	1	--	--	ATI	--	i
4/19/1995	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	ATI	--	i

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

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						(mg/L) DO	Lab	pH	Comments
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
QC-2 Cont.															
7/5/1995	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	i
10/5/1995	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	i
1/12/1996	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	i
4/22/1996	--	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	i
7/2/1996	--	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	i

ABBREVIATIONS AND SYMBOLS:
< = Not detected at or laboratory reporting limit
--- = Not analyzed/applicable/measurable
µg/L = Micrograms per liter
ANA = Anamatrix, Inc.
ATI = Analytical Technologies, Inc.
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = Feet below ground surface
ft MSL = Feet above mean sea level
GRO = Gasoline range organics
GWE = Groundwater elevation in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Well not purged prior to sampling
P = Well purged prior to sampling
PACE = Pace, Inc.
SEQ/SEQM = Sequoia/Sequoia Morgan Hill Analytical
SPL = Southern Petroleum Laboratories
TOC = Top of casing in ft MSL
TPH-g = Total petroleum hydrocarbons as gasoline

FOOTNOTES:
c = Concentrations reported as diesel from MW-1, MW-2 and MW-4 are primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene.
d = Blind duplicate.
e = A copy of the documentation for this data is included in Appendix C of Alisto report 10-018-05-004.
f = Well not sampled due to presence of free product (FP).
g = Well inaccessible.
h = TOC not surveyed.
i = Travel blank.
j = EPA method by 8020\8260.
k = Samples ran outside of EPA recommended hold time.
l = A copy of the documentation for this data can be found in Blaine Tech Services report 010619-C-2. The MTBE data for the March 15, 1993 and June 7, 1993 events have been destroyed.
m = Thickness of SPH is only an estimate. The resulting GWE will not be used in contouring.
n = Samples analyzed by EPA Method 8260B for TPH-g, benzene, toluene, ethylbenzene, total xylenes, and fuel oxygenates.
o = Discrete peak @ C6-C7.
q = Discrete peak @ C5-C6.
r = Well was dry.
s = Sheen in well.
t = DTW and resulting GWE were anomalous and not used in groundwater contouring.
u = Anomalously low concentrations reported from Cambria. Do not appear to support historic trends.
v = Unable to locate well.
w = The hydrocarbon result for GRO was partly due to individual peaks in the quantitation range.
x = Initial analysis for MTBE within holding time but required dilution.

NOTES:
Casing elevations surveyed to the nearest 0.01 ft MSL.

GWE adjusted assuming a specific gravity of 0.75 for FP.

During the third quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP.

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-TPH-g analytes within the requested fuel

range resulting in a higher concentration being reported.

Beginning in second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.

Values for pH and DO are field measurements.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 2. Summary of Fuel Additives Analytical Data

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
EX-1									
05/04/2004	<5,000	<1,000	2,500	<25	<25	38	<25	<25	
08/31/2004	<10,000	<2,000	2,100	<50	<50	<50	<50	<50	
11/23/2004	<5,000	<1,000	3,000	<25	<25	74	<25	<25	
01/18/2005	<5,000	<1,000	2,200	<25	<25	54	<25	<25	a
06/29/2005	<5,000	<1,000	1,400	<25	<25	30	<25	<25	
09/01/2005	<5,000	<1,000	2,000	<25	<25	46	<25	<25	
11/03/2005	<5,000	<1,000	3,000	<25	<25	87	<25	<25	
02/14/2006	<15,000	<1,000	1,100	<25	<25	<25	<25	<25	a
5/30/2006	<15,000	<1,000	1,400	<25	<25	37	<25	<25	a
8/29/2006	**<15,000**	**<1,000**	**2,500**	**<25**	**<25**	**56**	**<25**	**<25**	
EX-2									
05/04/2004	<100	<20	46	<0.50	<0.50	<0.50	<0.50	<0.50	
08/31/2004	<500	<100	130	<2.5	<2.5	3.4	<2.5	<2.5	
11/23/2004	<100	<20	5.8	<0.50	<0.50	<0.50	<0.50	<0.50	
01/18/2005	<100	<20	6.5	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/29/2005	<100	<20	24	<0.50	<0.50	<0.50	<0.50	<0.50	
09/01/2005	<100	<20	55	<0.50	<0.50	0.56	<0.50	<0.50	
11/03/2005	<100	<20	39	<0.50	<0.50	0.80	<0.50	<0.50	
02/14/2006	<300	<20	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/30/2006	<300	<20	7.8	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2006	**<300**	**<20**	**94**	**<0.50**	**<0.50**	**0.98**	**<0.50**	**<0.50**	
MW-1									
8/27/2003	<100	<20	4.2	<0.50	<0.50	<0.50	--	--	
11/10/2003	<100	<20	0.51	<0.50	<0.50	<0.50	--	--	
02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
05/04/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/31/2004	<100	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/18/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
02/14/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
MW-2									

Table 2. Summary of Fuel Additives Analytical Data

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-2 Cont.									
8/27/2003	<25,000	<5,000	5,100	<120	<120	140	--	--	
11/10/2003	<50,000	<10,000	4,200	<250	<250	<250	--	--	
02/03/2004	<100,000	<20,000	1,900	<500	<500	<500	<500	<500	
05/04/2004	<50,000	<10,000	2,500	<250	<250	<250	<250	<250	
08/31/2004	<50,000	<10,000	3,400	<250	<250	<250	<250	<250	
11/23/2004	<50,000	<10,000	2,400	<250	<250	<250	<250	<250	
01/18/2005	<20,000	<4,000	3,700	<100	<100	<100	<100	<100	a
06/29/2005	<10,000	<2,000	3,600	<50	<50	72	<50	<50	
09/01/2005	<20,000	<4,000	5,100	<100	<100	100	<100	<100	
11/03/2005	<20,000	<4,000	3,700	<100	<100	100	<100	<100	
02/14/2006	<60,000	<4,000	3,400	<100	<100	<100	<100	<100	a
5/30/2006	<60,000	<4,000	2,300	<100	<100	<100	<100	<100	
8/29/2006	**<60,000**	**<4,000**	**13,000**	**<100**	**<100**	**100**	**<100**	**<100**	
MW-3									
8/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/31/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/18/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
02/14/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
MW-4									
8/27/2003	<50,000	<10,000	32,000	<250	<250	250	--	--	
11/10/2003	<100,000	<20,000	25,000	<500	<500	<500	--	--	
02/03/2004	<100,000	<20,000	26,000	<500	<500	<500	<500	<500	
05/04/2004	<50,000	<10,000	<250	<250	<250	<250	<250	<250	
08/31/2004	<50,000	<10,000	14,000	<250	<250	<250	<250	<250	
11/23/2004	<500,000	<100,000	23,000	<2,500	<2,500	<2,500	<2,500	<2,500	
01/18/2005	<50,000	<10,000	8,800	<250	<250	<250	<250	<250	a
06/29/2005	<50,000	<10,000	1,700	<250	<250	<250	<250	<250	
09/01/2005	<100,000	<20,000	1,100	<500	<500	<500	<500	<500	
11/03/2005	<100,000	<20,000	1,500	<500	<500	<500	<500	<500	

Table 2. Summary of Fuel Additives Analytical Data

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-4 Cont.									
02/14/2006	<300,000	<20,000	38,000	<500	<500	1,000	<500	<500	a
5/30/2006	<300,000	<20,000	560	<500	<500	<500	<500	<500	
8/29/2006	**<300,000**	**<20,000**	**1,800**	**<500**	**<500**	**<500**	**<500**	**<500**	
MW-6									
8/27/2003	<100	<20	8.9	<0.50	<0.50	<0.50	--	--	
11/10/2003	<100	<20	4.5	<0.50	<0.50	<0.50	--	--	
02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
05/04/2004	<100	<20	24	<0.50	<0.50	<0.50	<0.50	<0.50	
08/31/2004	<100	<20	27	<0.50	<0.50	<0.50	<0.50	<0.50	
01/18/2005	<100	<20	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	a
MW-7									
8/27/2003	<100	<20	84	<0.50	<0.50	<0.50	--	--	
11/10/2003	<200	<40	92	<1.0	<1.0	<1.0	--	--	
02/03/2004	<500	<100	91	<2.5	<2.5	<2.5	<2.5	<2.5	
05/04/2004	<500	<100	190	<2.5	<2.5	<2.5	<2.5	<2.5	
08/31/2004	<1,000	<200	220	<5.0	<5.0	<5.0	<5.0	<5.0	
11/23/2004	<500	<100	290	<2.5	<2.5	<2.5	<2.5	<2.5	
01/18/2005	<500	<100	92	<2.5	<2.5	<2.5	<2.5	<2.5	a
06/29/2005	<500	<100	250	<2.5	<2.5	<2.5	<2.5	<2.5	
09/01/2005	<1,000	<200	60	<5.0	<5.0	<5.0	<5.0	<5.0	
11/03/2005	<200	<40	130	<1.0	<1.0	<1.0	<1.0	<1.0	
02/14/2006	<300	<20	62	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/30/2006	<300	<20	9.1	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2006	**<1,500**	**<100**	**140**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	
MW-8									
02/03/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/18/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
02/14/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
MW-9									

Table 2. Summary of Fuel Additives Analytical Data

Station #11117, 7210 Bancroft Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-9 Cont.									
8/27/2003	<10,000	<2,000	6,300	<50	<50	<50	--	--	
02/03/2004	<10,000	<2,000	2,100	<50	<50	<50	<50	<50	a
08/31/2004	<5,000	<1,000	1,500	<25	<25	<25	<25	<25	
01/18/2005	<500	150	130	<2.5	<2.5	<2.5	<2.5	<2.5	a
09/01/2005	<5,000	2,700	240	<25	<25	<25	<25	<25	
02/14/2006	<15,000	<1,000	2,200	<25	<25	<25	<25	<25	a
8/29/2006	**<15,000**	**2,100**	**<25**	**<25**	**<25**	**<25**	**<25**	**<25**	
MW-10									
8/27/2003	<5,000	<1,000	2,800	<25	<25	<25	--	--	
11/10/2003	<10,000	<2,000	3,300	<50	<50	<50	--	--	
02/03/2004	<10,000	<2,000	2,300	<50	<50	<50	<50	<50	a
05/04/2004	<5,000	<1,000	1,600	<25	<25	<25	<25	<25	
08/31/2004	<10,000	<2,000	1,900	<50	<50	<50	<50	<50	
11/23/2004	<5,000	<1,000	2,300	<25	<25	<25	<25	<25	
01/18/2005	<1,000	<200	530	<5.0	<5.0	<5.0	<5.0	<5.0	a
06/29/2005	<100	<20	71	<0.50	<0.50	<0.50	<0.50	<0.50	
09/01/2005	<500	<100	280	<2.5	<2.5	<2.5	<2.5	<2.5	
11/03/2005	<1,000	<200	770	<5.0	<5.0	<5.0	<5.0	<5.0	
02/14/2006	<300	34	400	<0.50	<0.50	1.2	<0.50	<0.50	a, b
5/30/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/29/2006	**<3,000**	**<200**	**490**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	

ABBREVIATIONS AND SYMBOLS:
-- = Not analyzed/applicable/measurable
< = Not detected above reported detection limit
1,2-DCA = 1,2-Dichloroethane
µg/L = Micrograms per Liter
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

FOOTNOTES:
a = The continuing calibration verficiation for ethanol was outside of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.
b = Initial analysis for MTBE within holding time but required dilution.

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

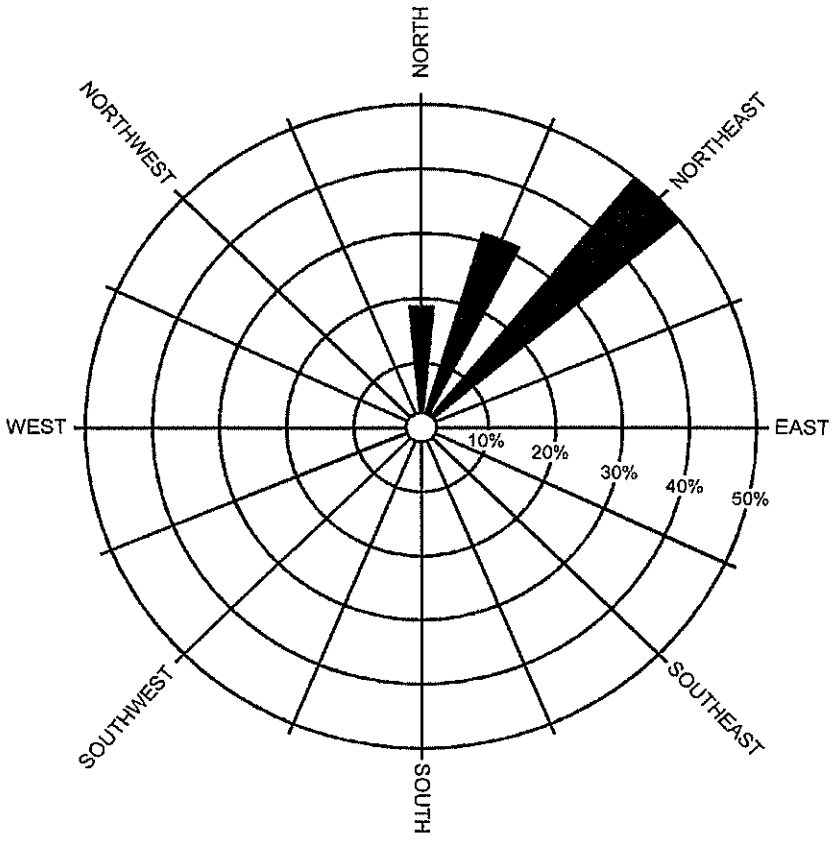
Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 3. Historical Ground-Water Flow Direction and Gradient

Station #11117, 7210 Bancroft Ave., Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
9/12/2002	Northeast	0.03
12/12/2002	Northeast	0.02
3/10/2003	Northeast	0.03
5/12/2003	North-Northeast	0.055
8/27/2003	North-Northeast	0.036
11/10/2003	North-Northeast	0.012
2/3/2004	Northeast	0.013
5/4/2004	Northeast	0.015
8/31/2004	Northeast	0.010
11/23/2004	North-Northeast	0.04
1/18/2005	Northeast	0.02
6/29/2005	Variable	0.003, 0.006
9/1/2005	North	0.03
11/3/2005	North	0.008
2/14/2006	North-Northeast	0.02
5/30/2006	North	0.03
8/29/2006	**Northeast**	**0.006**

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.



APPENDIX A

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

URS

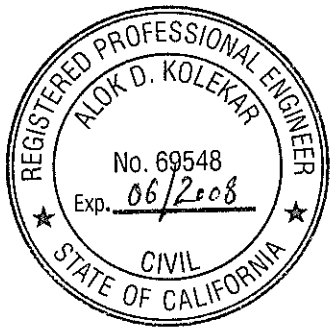
September 29, 2006

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

Groundwater Sampling Data Package
Former BP Service Station #11117
7210 Bancroft Avenue
Oakland, CA
Field Work Performed: 08/29/06

General Information
Data Submittal Prepared/Reviewed by: Alok Kolekar
Phone Number: 510-874-3152
On-Site Supplier Representative: Blaine Tech
Scope of Work Performed: Groundwater Monitoring in accordance with 3rd Quarter 2006 protocols as identified in the Quarterly Monitoring Program Table in the Field and Laboratory Procedures Attachment.
Variations from Work Scope: None

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include, at a minimum, sampling procedures, field data collected, laboratory results, chain of custody documentation, and waste management activities. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.



Alok D. Kolekar, P.E.
Project Manager

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

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

URS

Attachments

Table(s) of Cumulative Analytical Results
Field and Laboratory Procedures
Laboratory Report
Chain of Custody Documentation
Field Data Sheets
    Well Gauging Data
    Well Monitoring Data Sheets

FIELD & LABORATORY PROCEDURES

Sampling Procedures

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

Laboratory Procedures

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

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22 September, 2006

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

RE: BP Heritage #11117,Oakland, CA
Work Order: MPH1062

Enclosed are the results of analyses for samples received by the laboratory on 08/30/06 14:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MPH1062-01	Water	08/29/06 13:00	08/30/06 14:30
MW-4	MPH1062-02	Water	08/29/06 13:55	08/30/06 14:30
MW-7	MPH1062-03	Water	08/29/06 11:05	08/30/06 14:30
MW-9	MPH1062-04	Water	08/29/06 12:25	08/30/06 14:30
MW-10	MPH1062-05	Water	08/29/06 11:35	08/30/06 14:30
EX-1	MPH1062-06	Water	08/29/06 14:10	08/30/06 14:30
EX-2	MPH1062-07	Water	08/29/06 13:40	08/30/06 14:30
TB-11117-08292006	MPH1062-08	Water	08/29/06 00:00	08/30/06 14:30

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.

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1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MPH1062-01) Water Sampled: 08/29/06 13:00 Received: 08/30/06 14:30									
Gasoline Range Organics (C4-C12)	**65000**	10000	ug/l	200	6I08023	09/08/06	09/08/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-145*		"	"	"	"	
MW-4 (MPH1062-02) Water Sampled: 08/29/06 13:55 Received: 08/30/06 14:30									
Gasoline Range Organics (C4-C12)	**52000**	50000	ug/l	1000	6I10002	09/10/06	09/10/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-145*		"	"	"	"	
MW-7 (MPH1062-03) Water Sampled: 08/29/06 11:05 Received: 08/30/06 14:30									
Gasoline Range Organics (C4-C12)	**100**	50	ug/l	1	6I10002	09/10/06	09/10/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-145*		"	"	"	"	
MW-9 (MPH1062-04RE1) Water Sampled: 08/29/06 12:25 Received: 08/30/06 14:30									
Gasoline Range Organics (C4-C12)	**1200**	500	ug/l	10	6I12003	09/12/06	09/12/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*60-145*		"	"	"	"	
MW-10 (MPH1062-05) Water Sampled: 08/29/06 11:35 Received: 08/30/06 14:30									
Gasoline Range Organics (C4-C12)	**250**	50	ug/l	1	6I10002	09/10/06	09/10/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-145*		"	"	"	"	
EX-1 (MPH1062-06) Water Sampled: 08/29/06 14:10 Received: 08/30/06 14:30									
Gasoline Range Organics (C4-C12)	**22000**	2500	ug/l	50	6I10002	09/10/06	09/10/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-145*		"	"	"	"	
EX-2 (MPH1062-07) Water Sampled: 08/29/06 13:40 Received: 08/30/06 14:30									
Gasoline Range Organics (C4-C12)	**66**	50	ug/l	1	6I10002	09/10/06	09/10/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-145*		"	"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MPH1062-01) Water Sampled: 08/29/06 13:00 Received: 08/30/06 14:30									
tert-Amyl methyl ether	**100**	100	ug/l	200	6I08023	09/08/06	09/08/06	EPA 8260B	
Benzene	**7200**	100	"	"	"	"	"	"	
tert-Butyl alcohol	ND	4000	"	"	"	"	"	"	
Di-isopropyl ether	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
Ethanol	ND	60000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Ethylbenzene	**3200**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**13000**	100	"	"	"	"	"	"	
Toluene	**4500**	100	"	"	"	"	"	"	
Xylenes (total)	**11000**	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*88 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*86 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-120*		"	"	"	"	
MW-4 (MPH1062-02) Water Sampled: 08/29/06 13:55 Received: 08/30/06 14:30									
tert-Amyl methyl ether	ND	500	ug/l	1000	6I10002	09/10/06	09/10/06	EPA 8260B	
Benzene	**4700**	500	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20000	"	"	"	"	"	"	
Di-isopropyl ether	ND	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	500	"	"	"	"	"	"	
Ethanol	ND	300000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Ethylbenzene	**3500**	500	"	"	"	"	"	"	
Methyl tert-butyl ether	**1800**	500	"	"	"	"	"	"	
Toluene	**2500**	500	"	"	"	"	"	"	
Xylenes (total)	**12000**	500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*88 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*	*60-120*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MPH1062-03) Water Sampled: 08/29/06 11:05 Received: 08/30/06 14:30									
tert-Amyl methyl ether	ND	2.5	ug/l	5	6I12003	09/12/06	09/12/06	EPA 8260B	
Benzene	ND	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	1500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**140**	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*		*75-130*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93 %*		*60-145*		"	"	"	
Surrogate: Toluene-d8		*88 %*		*70-130*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*		*60-120*		"	"	"	
MW-9 (MPH1062-04) Water Sampled: 08/29/06 12:25 Received: 08/30/06 14:30									
tert-Amyl methyl ether	ND	25	ug/l	50	6I10002	09/10/06	09/10/06	EPA 8260B	
Benzene	**580**	25	"	"	"	"	"	"	
tert-Butyl alcohol	**2100**	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	15000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*		*75-130*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*		*60-145*		"	"	"	
Surrogate: Toluene-d8		*86 %*		*70-130*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*		*60-120*		"	"	"	

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1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MPH1062-05) Water Sampled: 08/29/06 11:35 Received: 08/30/06 14:30									
tert-Amyl methyl ether	ND	5.0	ug/l	10	6I12018	09/12/06	09/12/06	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	3000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**490**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*83 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86 %*	*60-120*		"	"	"	"	
EX-1 (MPH1062-06) Water Sampled: 08/29/06 14:10 Received: 08/30/06 14:30									
tert-Amyl methyl ether	**56**	25	ug/l	50	6I10002	09/10/06	09/10/06	EPA 8260B	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	15000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Ethylbenzene	**1400**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**2500**	25	"	"	"	"	"	"	
Toluene	**210**	25	"	"	"	"	"	"	
Xylenes (total)	**3600**	25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*86 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*60-120*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number: G07TK-0026	Reported:
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EX-1 (MPH1062-06RE1) Water Sampled: 08/29/06 14:10 Received: 08/30/06 14:30									
Benzene	**2900**	50	ug/l	100	6I12003	09/12/06	09/12/06	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*84 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*60-120*		"	"	"	"	
EX-2 (MPH1062-07) Water Sampled: 08/29/06 13:40 Received: 08/30/06 14:30									
tert-Amyl methyl ether	**0.98**	0.50	ug/l	1	6I10002	09/10/06	09/10/06	EPA 8260B	
Benzene	**0.67**	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.79**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**94**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.9**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*83 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*60-120*		"	"	"	"	

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I08023 - EPA 5030B P/T / LUFT GCMS										
Blank (6I08023-BLK1)				Prepared & Analyzed: 09/08/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.35*		"	*2.50*		*94*	*60-145*			
Laboratory Control Sample (6I08023-BS2)				Prepared & Analyzed: 09/08/06						
Gasoline Range Organics (C4-C12)	475	50	ug/l	440		108	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.17*		"	*2.50*		*87*	*60-145*			
Matrix Spike (6I08023-MS1)	**Source: MPH1062-01**			Prepared & Analyzed: 09/08/06						
Gasoline Range Organics (C4-C12)	195000	10000	ug/l	140000	65000	93	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.23*		"	*2.50*		*89*	*60-145*			
Matrix Spike Dup (6I08023-MSD1)	**Source: MPH1062-01**			Prepared & Analyzed: 09/08/06						
Gasoline Range Organics (C4-C12)	194000	10000	ug/l	140000	65000	92	75-140	0.5	20	
Surrogate: 1,2-Dichloroethane-d4	*2.23*		"	*2.50*		*89*	*60-145*			
Batch 6I10002 - EPA 5030B P/T / LUFT GCMS										
Blank (6I10002-BLK1)				Prepared & Analyzed: 09/10/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.30*		"	*2.50*		*92*	*60-145*			
Laboratory Control Sample (6I10002-BS1)				Prepared & Analyzed: 09/10/06						
Gasoline Range Organics (C4-C12)	695	50	ug/l	700		99	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.13*		"	*2.50*		*85*	*60-145*			
Laboratory Control Sample (6I10002-BS2)				Prepared & Analyzed: 09/10/06						
Gasoline Range Organics (C4-C12)	489	50	ug/l	440		111	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.26*		"	*2.50*		*90*	*60-145*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I10002 - EPA 5030B P/T / LUFT GCMS										
Matrix Spike (6I10002-MS1)	**Source: MPH1062-04**			Prepared & Analyzed: 09/10/06						
Gasoline Range Organics (C4-C12)	33400	2500	ug/l	35000	1400	91	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.09*		"	*2.50*		*84*	*60-145*			
Matrix Spike Dup (6I10002-MSD1)	**Source: MPH1062-04**			Prepared & Analyzed: 09/10/06						**MJ**
Gasoline Range Organics (C4-C12)	33500	2500	ug/l	35000	1400	92	75-140	0.3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.10*		"	*2.50*		*84*	*60-145*			
Batch 6I12003 - EPA 5030B P/T / LUFT GCMS										
Blank (6I12003-BLK1)				Prepared & Analyzed: 09/12/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.59*		"	*2.50*		*104*	*60-145*			
Laboratory Control Sample (6I12003-BS2)				Prepared & Analyzed: 09/12/06						
Gasoline Range Organics (C4-C12)	487	50	ug/l	440		111	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.49*		"	*2.50*		*100*	*60-145*			
Matrix Spike (6I12003-MS1)	**Source: MPH1077-23**			Prepared & Analyzed: 09/12/06						
Gasoline Range Organics (C4-C12)	9720	500	ug/l	7000	3100	95	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.44*		"	*2.50*		*98*	*60-145*			
Matrix Spike Dup (6I12003-MSD1)	**Source: MPH1077-23**			Prepared & Analyzed: 09/12/06						
Gasoline Range Organics (C4-C12)	9340	500	ug/l	7000	3100	89	75-140	4	20	
Surrogate: 1,2-Dichloroethane-d4	*2.26*		"	*2.50*		*90*	*60-145*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I08023 - EPA 5030B P/T / EPA 8260B										
Blank (6I08023-BLK1)				Prepared & Analyzed: 09/08/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.24*		"	*2.50*		*90*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.35*		"	*2.50*		*94*	*60-145*			
Surrogate: Toluene-d8	*2.18*		"	*2.50*		*87*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.23*		"	*2.50*		*89*	*60-120*			
Laboratory Control Sample (6I08023-BS1)				Prepared & Analyzed: 09/08/06						
tert-Amyl methyl ether	9.72	0.50	ug/l	10.0		97	65-135			
Benzene	9.57	0.50	"	10.0		96	70-125			
tert-Butyl alcohol	198	20	"	200		99	60-135			
Di-isopropyl ether	10.3	0.50	"	10.0		103	70-130			
1,2-Dibromoethane (EDB)	9.37	0.50	"	10.0		94	80-125			
1,2-Dichloroethane	10.2	0.50	"	10.0		102	75-125			
Ethanol	272	300	"	200		136	15-150			
Ethyl tert-butyl ether	10.2	0.50	"	10.0		102	65-130			
Ethylbenzene	10.7	0.50	"	10.0		107	70-130			
Methyl tert-butyl ether	10.1	0.50	"	10.0		101	50-140			
Toluene	9.91	0.50	"	10.0		99	70-120			
Xylenes (total)	32.9	0.50	"	30.0		110	80-125			
Surrogate: Dibromofluoromethane	*2.21*		"	*2.50*		*88*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.26*		"	*2.50*		*90*	*60-145*			
Surrogate: Toluene-d8	*2.20*		"	*2.50*		*88*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.25*		"	*2.50*		*90*	*60-120*			

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1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I08023 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6I08023-MS1)	**Source: MPH1062-01**			Prepared & Analyzed: 09/08/06						
tert-Amyl methyl ether	2000	100	ug/l	2000	100	95	65-135			
Benzene	9050	100	"	2000	7200	92	70-125			
tert-Butyl alcohol	39700	4000	"	40000	1200	96	60-135			
Di-isopropyl ether	2010	100	"	2000	ND	100	70-130			
1,2-Dibromoethane (EDB)	1850	100	"	2000	ND	92	80-125			
1,2-Dichloroethane	2060	100	"	2000	ND	103	75-125			
Ethanol	69800	60000	"	40000	ND	174	15-150			LM
Ethyl tert-butyl ether	1990	100	"	2000	ND	100	65-130			
Ethylbenzene	5410	100	"	2000	3200	110	70-130			
Methyl tert-butyl ether	14700	100	"	2000	13000	85	50-140			
Toluene	6510	100	"	2000	4500	100	70-120			
Xylenes (total)	17500	100	"	6000	11000	108	80-125			
Surrogate: Dibromofluoromethane	*2.22*		"	*2.50*		*89*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.23*		"	*2.50*		*89*	*60-145*			
Surrogate: Toluene-d8	*2.16*		"	*2.50*		*86*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.26*		"	*2.50*		*90*	*60-120*			
Matrix Spike Dup (6I08023-MSD1)	**Source: MPH1062-01**			Prepared & Analyzed: 09/08/06						
tert-Amyl methyl ether	2020	100	ug/l	2000	100	96	65-135	1	25	
Benzene	8930	100	"	2000	7200	86	70-125	1	15	
tert-Butyl alcohol	40700	4000	"	40000	1200	99	60-135	2	35	
Di-isopropyl ether	2010	100	"	2000	ND	100	70-130	0	35	
1,2-Dibromoethane (EDB)	1870	100	"	2000	ND	94	80-125	1	15	
1,2-Dichloroethane	2060	100	"	2000	ND	103	75-125	0	10	
Ethanol	63200	60000	"	40000	ND	158	15-150	10	35	LM
Ethyl tert-butyl ether	1980	100	"	2000	ND	99	65-130	0.5	35	
Ethylbenzene	5310	100	"	2000	3200	106	70-130	2	15	
Methyl tert-butyl ether	14700	100	"	2000	13000	85	50-140	0	25	
Toluene	6380	100	"	2000	4500	94	70-120	2	15	
Xylenes (total)	17200	100	"	6000	11000	103	80-125	2	15	
Surrogate: Dibromofluoromethane	*2.21*		"	*2.50*		*88*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.23*		"	*2.50*		*89*	*60-145*			
Surrogate: Toluene-d8	*2.20*		"	*2.50*		*88*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.29*		"	*2.50*		*92*	*60-120*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I10002 - EPA 5030B P/T / EPA 8260B										
Blank (6I10002-BLK1)				Prepared & Analyzed: 09/10/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.39*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.30*		"	*2.50*		*92*	*60-145*			
Surrogate: Toluene-d8	*2.22*		"	*2.50*		*89*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.25*		"	*2.50*		*90*	*60-120*			
Laboratory Control Sample (6I10002-BS1)				Prepared & Analyzed: 09/10/06						
tert-Amyl methyl ether	11.0	0.50	ug/l	10.0		110	65-135			
Benzene	10.3	0.50	"	10.0		103	70-125			
tert-Butyl alcohol	201	20	"	200		100	60-135			
Di-isopropyl ether	10.7	0.50	"	10.0		107	70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0		108	80-125			
1,2-Dichloroethane	9.33	0.50	"	10.0		93	75-125			
Ethanol	222	300	"	200		111	15-150			
Ethyl tert-butyl ether	11.0	0.50	"	10.0		110	65-130			
Ethylbenzene	11.3	0.50	"	10.0		113	70-130			
Methyl tert-butyl ether	10.4	0.50	"	10.0		104	50-140			
Toluene	10.7	0.50	"	10.0		107	70-120			
Xylenes (total)	34.7	0.50	"	30.0		116	80-125			
Surrogate: Dibromofluoromethane	*2.32*		"	*2.50*		*93*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.13*		"	*2.50*		*85*	*60-145*			
Surrogate: Toluene-d8	*2.42*		"	*2.50*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.51*		"	*2.50*		*100*	*60-120*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I10002 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6I10002-MS1)	**Source: MPH1062-04**			Prepared & Analyzed: 09/10/06						
tert-Amyl methyl ether	534	25	ug/l	500	ND	107	65-135			
Benzene	1100	25	"	500	580	104	70-125			
tert-Butyl alcohol	12100	1000	"	10000	2100	100	60-135			
Di-isopropyl ether	510	25	"	500	ND	102	70-130			
1,2-Dibromoethane (EDB)	524	25	"	500	ND	105	80-125			
1,2-Dichloroethane	447	25	"	500	ND	89	75-125			
Ethanol	10200	15000	"	10000	ND	102	15-150			
Ethyl tert-butyl ether	520	25	"	500	ND	104	65-130			
Ethylbenzene	554	25	"	500	ND	111	70-130			
Methyl tert-butyl ether	498	25	"	500	ND	100	50-140			
Toluene	526	25	"	500	ND	105	70-120			
Xylenes (total)	1700	25	"	1500	ND	113	80-125			
Surrogate: Dibromofluoromethane	*2.27*		"	*2.50*		*91*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.09*		"	*2.50*		*84*	*60-145*			
Surrogate: Toluene-d8	*2.46*		"	*2.50*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-120*			
Matrix Spike Dup (6I10002-MSD1)	**Source: MPH1062-04**			Prepared & Analyzed: 09/10/06						**MJ**
tert-Amyl methyl ether	540	25	ug/l	500	ND	108	65-135	1	25	
Benzene	1090	25	"	500	580	102	70-125	0.9	15	
tert-Butyl alcohol	12500	1000	"	10000	2100	104	60-135	3	35	
Di-isopropyl ether	508	25	"	500	ND	102	70-130	0.4	35	
1,2-Dibromoethane (EDB)	526	25	"	500	ND	105	80-125	0.4	15	
1,2-Dichloroethane	443	25	"	500	ND	89	75-125	0.9	10	
Ethanol	12400	15000	"	10000	ND	124	15-150	19	35	
Ethyl tert-butyl ether	525	25	"	500	ND	105	65-130	1	35	
Ethylbenzene	542	25	"	500	ND	108	70-130	2	15	
Methyl tert-butyl ether	512	25	"	500	ND	102	50-140	3	25	
Toluene	512	25	"	500	ND	102	70-120	3	15	
Xylenes (total)	1690	25	"	1500	ND	113	80-125	0.6	15	
Surrogate: Dibromofluoromethane	*2.30*		"	*2.50*		*92*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.10*		"	*2.50*		*84*	*60-145*			
Surrogate: Toluene-d8	*2.43*		"	*2.50*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-120*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I12003 - EPA 5030B P/T / EPA 8260B										
Blank (6I12003-BLK1)				Prepared & Analyzed: 09/12/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.59*		"	*2.50*		*104*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.59*		"	*2.50*		*104*	*60-145*			
Surrogate: Toluene-d8	*2.14*		"	*2.50*		*86*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.09*		"	*2.50*		*84*	*60-120*			
Laboratory Control Sample (6I12003-BS1)				Prepared & Analyzed: 09/12/06						
tert-Amyl methyl ether	10.6	0.50	ug/l	10.0		106	65-135			
Benzene	9.99	0.50	"	10.0		100	70-125			
tert-Butyl alcohol	183	20	"	200		92	60-135			
Di-isopropyl ether	10.0	0.50	"	10.0		100	70-130			
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0		106	80-125			
1,2-Dichloroethane	9.96	0.50	"	10.0		100	75-125			
Ethanol	203	300	"	200		102	15-150			
Ethyl tert-butyl ether	10.4	0.50	"	10.0		104	65-130			
Ethylbenzene	11.0	0.50	"	10.0		110	70-130			
Methyl tert-butyl ether	10.8	0.50	"	10.0		108	50-140			
Toluene	10.4	0.50	"	10.0		104	70-120			
Xylenes (total)	34.6	0.50	"	30.0		115	80-125			
Surrogate: Dibromofluoromethane	*2.43*		"	*2.50*		*97*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		"	*2.50*		*98*	*60-145*			
Surrogate: Toluene-d8	*2.50*		"	*2.50*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.53*		"	*2.50*		*101*	*60-120*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I12003 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6I12003-MS2)	**Source: MPH1077-23RE1**			Prepared & Analyzed: 09/12/06						
tert-Amyl methyl ether	112	5.0	ug/l	100	ND	112	65-135			
Benzene	105	5.0	"	100	4.6	100	70-125			
tert-Butyl alcohol	1950	200	"	2000	ND	98	60-135			
Di-isopropyl ether	104	5.0	"	100	ND	104	70-130			
1,2-Dibromoethane (EDB)	110	5.0	"	100	ND	110	80-125			
1,2-Dichloroethane	98.7	5.0	"	100	ND	99	75-125			
Ethanol	1870	3000	"	2000	ND	94	15-150			
Ethyl tert-butyl ether	108	5.0	"	100	ND	108	65-130			
Ethylbenzene	131	5.0	"	100	20	111	70-130			
Methyl tert-butyl ether	116	5.0	"	100	ND	116	50-140			
Toluene	104	5.0	"	100	ND	104	70-120			
Xylenes (total)	346	5.0	"	300	4.0	114	80-125			
Surrogate: Dibromofluoromethane	*2.46*		"	*2.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.44*		"	*2.50*		*98*	*60-145*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.45*		"	*2.50*		*98*	*60-120*			
Matrix Spike Dup (6I12003-MSD2)	**Source: MPH1077-23RE1**			Prepared & Analyzed: 09/12/06						
tert-Amyl methyl ether	111	5.0	ug/l	100	ND	111	65-135	0.9	25	
Benzene	103	5.0	"	100	4.6	98	70-125	2	15	
tert-Butyl alcohol	2070	200	"	2000	ND	104	60-135	6	35	
Di-isopropyl ether	102	5.0	"	100	ND	102	70-130	2	35	
1,2-Dibromoethane (EDB)	106	5.0	"	100	ND	106	80-125	4	15	
1,2-Dichloroethane	94.5	5.0	"	100	ND	94	75-125	4	10	
Ethanol	2530	3000	"	2000	ND	126	15-150	30	35	
Ethyl tert-butyl ether	107	5.0	"	100	ND	107	65-130	0.9	35	
Ethylbenzene	132	5.0	"	100	20	112	70-130	0.8	15	
Methyl tert-butyl ether	111	5.0	"	100	ND	111	50-140	4	25	
Toluene	102	5.0	"	100	ND	102	70-120	2	15	
Xylenes (total)	345	5.0	"	300	4.0	114	80-125	0.3	15	
Surrogate: Dibromofluoromethane	*2.33*		"	*2.50*		*93*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.26*		"	*2.50*		*90*	*60-145*			
Surrogate: Toluene-d8	*2.42*		"	*2.50*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.41*		"	*2.50*		*96*	*60-120*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I12018 - EPA 5030B P/T / EPA 8260B										
Blank (6I12018-BLK1)				Prepared & Analyzed: 09/12/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.51*		"	*2.50*		*100*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99*	*60-145*			
Surrogate: Toluene-d8	*2.07*		"	*2.50*		*83*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.18*		"	*2.50*		*87*	*60-120*			
Laboratory Control Sample (6I12018-BS1)				Prepared & Analyzed: 09/12/06						
tert-Amyl methyl ether	11.0	0.50	ug/l	10.0		110	65-135			
Benzene	10.2	0.50	"	10.0		102	70-125			
tert-Butyl alcohol	195	20	"	200		98	60-135			
Di-isopropyl ether	10.6	0.50	"	10.0		106	70-130			
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0		106	80-125			
1,2-Dichloroethane	9.77	0.50	"	10.0		98	75-125			
Ethanol	217	300	"	200		108	15-150			
Ethyl tert-butyl ether	10.8	0.50	"	10.0		108	65-130			
Ethylbenzene	10.9	0.50	"	10.0		109	70-130			
Methyl tert-butyl ether	11.2	0.50	"	10.0		112	50-140			
Toluene	10.6	0.50	"	10.0		106	70-120			
Xylenes (total)	34.3	0.50	"	30.0		114	80-125			
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.28*		"	*2.50*		*91*	*60-145*			
Surrogate: Toluene-d8	*2.43*		"	*2.50*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-120*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I12018 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6I12018-MS1)	**Source: MPI0142-04**			Prepared & Analyzed: 09/12/06						**BZ**
tert-Amyl methyl ether	114	5.0	ug/l	100	ND	114	65-135			
Benzene	115	5.0	"	100	8.6	106	70-125			
tert-Butyl alcohol	2310	200	"	2000	240	104	60-135			
Di-isopropyl ether	109	5.0	"	100	ND	109	70-130			
1,2-Dibromoethane (EDB)	107	5.0	"	100	ND	107	80-125			
1,2-Dichloroethane	102	5.0	"	100	ND	102	75-125			
Ethanol	2600	3000	"	2000	ND	130	15-150			
Ethyl tert-butyl ether	111	5.0	"	100	ND	111	65-130			
Ethylbenzene	155	5.0	"	100	35	120	70-130			
Methyl tert-butyl ether	880	5.0	"	100	830	50	50-140			
Toluene	108	5.0	"	100	ND	108	70-120			
Xylenes (total)	351	5.0	"	300	ND	117	80-125			
Surrogate: Dibromofluoromethane	*2.39*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.33*		"	*2.50*		*93*	*60-145*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.49*		"	*2.50*		*100*	*60-120*			
Matrix Spike Dup (6I12018-MSD1)	**Source: MPI0142-04**			Prepared & Analyzed: 09/12/06						**BZ**
tert-Amyl methyl ether	115	5.0	ug/l	100	ND	115	65-135	0.9	25	
Benzene	113	5.0	"	100	8.6	104	70-125	2	15	
tert-Butyl alcohol	2220	200	"	2000	240	99	60-135	4	35	
Di-isopropyl ether	107	5.0	"	100	ND	107	70-130	2	35	
1,2-Dibromoethane (EDB)	108	5.0	"	100	ND	108	80-125	0.9	15	
1,2-Dichloroethane	102	5.0	"	100	ND	102	75-125	0	10	
Ethanol	2450	3000	"	2000	ND	122	15-150	6	35	
Ethyl tert-butyl ether	111	5.0	"	100	ND	111	65-130	0	35	
Ethylbenzene	150	5.0	"	100	35	115	70-130	3	15	
Methyl tert-butyl ether	901	5.0	"	100	830	71	50-140	2	25	
Toluene	107	5.0	"	100	ND	107	70-120	0.9	15	
Xylenes (total)	338	5.0	"	300	ND	113	80-125	4	15	
Surrogate: Dibromofluoromethane	*2.41*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-145*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.55*		"	*2.50*		*102*	*60-120*			

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URS Corporation [Arco]	Project: BP Heritage #11117,Oakland, CA	MPH1062
1333 Broadway, Suite 800	Project Number: G07TK-0026	**Reported:**
Oakland CA, 94612	Project Manager: Alok Kolekar	09/22/06 12:05

Notes and Definitions

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

Chain of Custody Record

Project Name: Analytical for QMR sampling

BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 11117 > HistoricalBL

State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fra

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

BTS#060829-5C1

On-site Time:	0855	Temp:	65°
Off-site Time:	1420	Temp:	75°
Sky Conditions:	clear		
Meteorological Events:	clear		
Wind Speed:		Direction:	

Lab Name: Sequoia	BP/AR Facility No.: 11117	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 7210 Bancroft Ave., Oakland, CA 94605	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.766285 / -122.176	Oakland, CA 94612
Lab PM: Lisa Race / Katt Min	California Global ID No.: T0600100201	Consultant/Contractor Project No.: 38487127
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G07TK-0026	Consultant/Contractor PM: Alok Kolekar
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3152 / 510.874.3268
Address: 4 Centerpointe Dr.	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with EDF
La Palma, CA 90623	Sub Phase/Task: 03 - Analytical	E-mail EDD To: jane_field@urscorp.com
Tele/Fax: (714) 670-5303 / (714) 670-5195	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: 11117

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
							MPH1062											
1	MW-2	1300	08/29/06		X		01	3				X		X	X	X	X	
2	MW-4	1355			X		02	3				X		X	X	X	X	
3	MW-7	1105			X		03	3				X		X	X	X	X	
4	MW-9	1225			X		04	3				X		X	X	X	X	
5	MW-10	1135			X		05	3				X		X	X	X	X	
6	EX-1	1410			X		06	3				X		X	X	X	X	
7	EX-2	1340			X		07	3				X		X	X	X	X	
8	TB-11117-08292006	—			X		08	2				X						ON H2O
9																		
10																		

Sampler's Name: S. Carmack	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Blaine Tech Services	BTS	08/29/06	1505	BTS	08/29/06	1510
Shipment Date:	Fed Ex Courier	8/30/06	1955	Fedex - TH	8/30/06	1355
Shipment Method:		8/30/06	1550	1430 JULIE NG (MH)	8/30/06	1452
Shipment Tracking No:						

Special Instructions: CC to ~~rhmiller~~@broadbentinc.com

BPEDF

Custody Seals In Place Yes ___ No ✓ Temp Blank Yes ✓ No ___ Cooler Temperature on Receipt 2.1 °C Trip Blank Yes ✓ No ___

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT) JULIE RA
WORKORDER: MPH1062

DATE REC'D AT LAB: 8/30/06
TIME REC'D AT LAB: 1430
DATE LOGGED IN: 8/31/06

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent; Intact / Broken*									
2. Chain-of-Custody Present / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #:									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Read Temp: 2.1 °C Corrected Temp: 2.1 °C 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

JULIE 8/30/06 (See COC)

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

WELL GAUGING DATA

Project # 060829-SC1 Date 08/29/06 Client BP 11117

Site 7210 Bancroft Ave. Oakland, CA

Well ID	Time	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	Notes
MW-1	~~0930~~ 0934	2					~~17.76~~ 16.37	36.44		6.0
MW-2	0952	2					18.16	39.40		
MW-3	0925	2					16.68	40.84		6.0
MW-4	1001	2					17.52	39.60		
MW-6	1005	2	Product over 1st foot check				17.15	39.41		6.0
MW-7	0940	2					18.64	44.78		
MW-8	0920	2					17.16	39.59		6.0
MW-9	1025	2					17.86	39.11		
MW-10	0946	2					18.69	35.77		
EX-1	1012	4		No Sph detected			17.74	37.86		Int. Sph
EX-2	1017	4		No Sph detected			17.92	34.96		Int Sph

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060529_SC1	Station # 7210 Bancroft Ave - Oakland, CA
Sampler: SC	Date: 08/29/06
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 39.40	Depth to Water: 18.16
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: X Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: X 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
1243	68.9	6.6	895	3.4	clear; odor
1248	68.8	6.7	884	6.8	" "
1253	69.0	6.7	872	10.2	" "

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

Sampling Time: 1300 Sampling Date: 08/29/06

Sample I.D.: MW-2 Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) Other:

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

O.R.P. (if req'd): Pre-purge: ___ mV Post-purge: ___ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060524-SC1	Station # 7210 Bancroft Ave. Oakland, CA
Sampler: SC	Date: 08/29/06
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 39.60	Depth to Water: 17.52
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: X Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: X 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.

3.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 10.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1338	70.2	6.7	862	3.6	slightly cldy. ; strong odor; sheen
1343	71.0	6.7	873	7.2	" " " "
1349	71.5	6.7	886	10.8	" " " "

Did well dewater? Yes (No) Gallons actually evacuated: 10.8

Sampling Time: 1355 Sampling Date: 08/29/06

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

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) 1,2-DCA (EDB) (Ethanol) Other:

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

O.R.P. (if req'd): Pre-purge: ___ mV Post-purge: ___ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060829_SC1	Station # 7210 Bancroft Ave - Oakland, CA
Sampler: SC	Date: 08/29/06
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 44.78	Depth to Water: 18.64
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:
- X Bailer
- (S) X Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- X 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.

4.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1043	70.7	6.7	539	4.2	clear
1049	70.5	6.9	541	8.4	"
1055	70.2	7.0	539	12.6	lt. brownish, faint odor

Did well dewater? Yes (No) Gallons actually evacuated: 12.6

Sampling Time: 1105 Sampling Date: 08/29/06

Sample I.D.: MW-7 Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) 1,2-DCA (EDB) (Ethanol) Other:

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060829_SC1	Station # 7210 Bancroft Ave. Oakland, CA
Sampler: SC	Date: 08/29/06
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 39.11	Depth to Water: 17.86
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: X Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Extraction Pump; Other: ___

Sampling Method: X 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
1209	65.6	6.9	656	3.4	cldy lt. brown, odor
1214	65.8	6.9	641	6.8	" " " "
1219	65.6	6.9	625	10.2	" " " "

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

Sampling Time: 1225 Sampling Date: 08/29/06

Sample I.D.: MW-9 Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) 1,2-DCA (EDB) (Ethanol) Other:

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060829_SC1	Station # 7210 Bancroft Ave - Oakland, CA
Sampler: SC	Date: 08/29/06
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 35.77	Depth to Water: 18.69
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: X Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Extraction Pump; Other: _____

Sampling Method: X 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.

2.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 8.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1117	71.8	6.6	1163	2.8	cldy brown
1123	71.5	6.7	1111	5.6	" "
1129	71.1	6.8	1062	8.4	" "

Did well dewater? Yes (No) Gallons actually evacuated: 8.4

Sampling Time: 1135 Sampling Date: 08/29/06

Sample I.D.: MW-10 Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) Other:

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060529_SC1	Station # 7210 Bancroft Ave - Oakland, CA
Sampler: SC, DR	Date: 08/29/06
Well I.D.: EX-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 37.86	Depth to Water: 17.74
Depth to Free Product: No Sph detected	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: X 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.

13.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 39.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1319	69.3	6.8	743	13.1	clear / odor
& well dewatered at			25.0 gal	DTW= 35.55	
1410	71.4	6.9	693	—	DTW= 31.82 clear

Did well dewater? (Yes) No Gallons actually evacuated: 25.0

Sampling Time: 1410 @ sink discharge Sampling Date: 08/29/06

Sample I.D.: EX-1 Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) Other:

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060829-SC1	Station # 7210 Bancroft Ave. Oakland, CA
Sampler: SC, DR	Date: 08/29/06
Well I.D.: EX-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 34.96	Depth to Water: 17.92
Depth to Free Product: No SPH detected	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method:
- X 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.

11.1 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 33.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1331	70.9	7.1	377	11.1	clear
1373	71.0	6.9	376	22.2	"
1335	70.8	6.9	377	33.3	"

Did well dewater? Yes (No) Gallons actually evacuated: 33.3

Sampling Time: 1340 Sampling Date: 08/29/06

Sample I.D.: EX-2 Laboratory: Pace Sequoia Other TA

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) 1,2-DCA (EDB) (Ethanol) Other:

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

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:

BP 11117

Station #

7210 Bancroft Ave. Oakland, CA

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

110.5

added equip. rinse water 0 15

any other adjustments

TOTAL GALS. RECOVERED 110.5

loaded onto BTS vehicle # 95

BTS event # 060829-SC1

time 1410

date 08/29/06

signature

* *

REC'D AT

time

date

__/__/__

unloaded by signature

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 08/29/06

Site Address 7210 Bancroft. Ave. Oakland, CA

Job Number 060829-SC1 Technician S. Cammack

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1	~~X~~ (SC)						X	
MW-2							X	
MW-3	X							
MW-4	X							
MW-6	X		(SC) Parked over					
MW-7	X							
MW-8	X							
MW-9		X						
MW-10	X							
EX-1	X							
EX-2	X							

NOTES: MW-1 => 1/2 bolts stripped ; MW-2 => 3/3 bolts missing

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

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

Your EDF file has been successfully uploaded!

Confirmation Number: 5958358943
Date/Time of Submittal: 10/20/2006 11:32:04 AM
Facility Global ID: T0600100201
Facility Name: BP #11117
Submittal Title: 3Q GW Monitoring
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

BP 7210 BANCROFT AVE OAKLAND, CA 94605	**Regional Board - Case #: 01-0215** SAN FRANCISCO BAY RWQCB (REGION 2) **Local Agency (lead agency) - Case #: 3960** ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
5958358943	3Q GW Monitoring	Q3 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	10/20/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	7
# FIELD POINTS WITH DETECTIONS	7
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	6
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

Logged in as BROADBENT-C (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

#11117

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 06 GEO_WELL**
Submittal Date/Time:	**10/20/2006 11:29:05 AM**
Confirmation Number:	1321963250

Back to Main Menu

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CONTACT SITE ADMINISTRATOR.