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July 14, 2006

Mr. Don Hwang
Alameda County Environmental Health Services
UST Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Second Quarter 2006 Monitoring Report**

Former ARCO Service Station
706 Harrison Street
Oakland, California
STID 3749
Fuel Leak Case RO0000484
Cambria Project #230-0116



Dear Mr. Hwang:

On behalf of Mr. Bo K. Gin, Cambria Environmental Technology, Inc. is submitting this *Second Quarter 2006 Monitoring Report* for the subject site. This report describes second quarter 2006 activities and results as well as anticipated third quarter 2006 activities.

If you have any questions or comments regarding this report, please contact Matthew Meyers at (510) 420-3314 or Mark Jonas at (510) 420-3307.

Sincerely,
Cambria Environmental Technology, Inc.

Matthew A. Meyers
Project Geologist

Attachments: *Second Quarter 2006 Monitoring Report*

cc: Mr. Bo K. Gin, 342 Lester Avenue, Oakland, California 94606
Mr. Robert Kitay, Aqua Science Engineering, 208 W. Pintado Road, Danville, California 94526

**Cambria
Environmental
Technology, Inc.**

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

SECOND QUARTER 2006 MONITORING REPORT

Former ARCO Service Station
706 Harrison Street
Oakland, California
STID 3749
Fuel Leak Case RO0000484
Cambria Project #230-0116

July 14, 2006

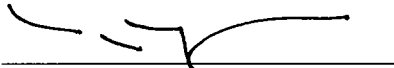
Prepared for:

Mr. Bo K. Gin
342 Lester Avenue
Oakland, California 94606

Prepared by:

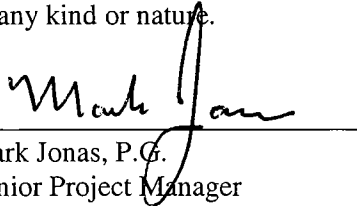
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

Written by:

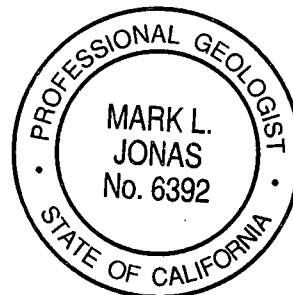


Matthew A. Meyers
Project Geologist

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Mark Jonas, P.G.
Senior Project Manager



SECOND QUARTER 2006 MONITORING REPORT

Former ARCO Service Station
706 Harrison Street
Oakland, California
STID 3749
Fuel Leak Case RO0000484
Cambria Project #230-0116

July 14, 2006

INTRODUCTION



On behalf of Mr. Bo K. Gin, Cambria Environmental Technology, Inc. (Cambria) is submitting this *Second Quarter 2006 Monitoring Report* for the subject site. Presented below are the second quarter 2006 groundwater monitoring activities and results and the anticipated third quarter 2006 activities.

Figure 1 presents recent joint monitoring groundwater elevations and selected hydrochemical data. Table 1 presents recent and historic groundwater level measurements and elevations, and hydrochemical data. Appendix A contains field data sheets for this monitoring event. Appendix B presents the recent laboratory analytical report. Appendix C includes time-series plots with benzene and methyl tertiary butyl ether (MTBE) concentrations, and groundwater elevations. Appendix D provides monitoring groundwater elevations and analytical data for the neighboring former Shell Station located at 726 Harrison Street, in Oakland, California.

SECOND QUARTER 2006 ACTIVITIES

Monitoring Activities

Field Activities: On April 12, 2006, Muskan Environmental Sampling (MES) conducted quarterly monitoring and sampling activities. MES measured well water levels in monitoring wells MW-1 through MW-7 (Figure 1). MES collected groundwater samples from monitoring wells MW-1, MW-2, MW-4, MW-6, and MW-7. The groundwater depth measurements have been submitted to the GeoTracker database.

Prior to groundwater sampling, groundwater levels were measured in all monitoring wells. Each monitoring well was then purged before sampling. MES purged at least three well-casing volumes of groundwater from each monitoring well. Field measurements of pH, specific conductance, and temperature of purged groundwater were measured after the extraction of each successive casing volume. Well purging continued until consecutive pH, specific conductance, and temperature measurements appeared to stabilize. Field measurements, purge volumes, and sample collection data were recorded on field sampling data forms, presented in Appendix A.

Groundwater samples were collected using new disposable bailers, decanted into appropriate sampling containers supplied by the analytical laboratory. Samples were labeled, placed in protective foam sleeves, stored on crushed, water-based ice at or below 4 degrees Celsius and transported under a chain-of-custody (COC) to the laboratory. The COC used for this monitoring event is provided in Appendix B.

Sample Analyses: Groundwater samples were analyzed by McCampbell Analytical, Inc. of Pacheco, California, a California-certified laboratory. All groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by modified United States Environmental Protection Agency (EPA) Method SW8015C; benzene, toluene, ethylbenzene, and total xylenes (BTEX) and MTBE by EPA Method SW8021B; and all samples were analyzed for MTBE by EPA Method SW8260B. The analytical laboratory report is included in Appendix B. Groundwater analytical results are provided on Table 1 and summarized on Figure 1. Groundwater analytical results have been submitted to the GeoTracker database.

Monitoring Results

Groundwater Flow Direction and Gradient: Based on depth-to-water measurements collected during the monitoring event on April 12, 2006, groundwater appears to flow towards the south-southwest with an apparent gradient of 0.015 feet per foot (Figure 1). The gradient and flow direction are consistent with historical data. Depth-to-water and groundwater elevation data for the site are presented in Table 1.

Hydrocarbon Distribution in Groundwater: Hydrocarbons were detected in down-gradient well MW-1, source area well MW-2, and up-gradient well MW-4 during this sampling event (Table 1). The highest TPHg, toluene, ethylbenzene, and xylenes concentrations were detected in monitoring well MW-2 at 43,000 micrograms per liter ($\mu\text{g/L}$), 7,800 $\mu\text{g/L}$, 1,300 $\mu\text{g/L}$, and 5,200 $\mu\text{g/L}$, respectively. Benzene was detected in well MW-2 at 1,800 $\mu\text{g/L}$. TPHg and BTEX concentrations were detected in well MW-1 at 7,200 $\mu\text{g/L}$, 2,600 $\mu\text{g/L}$, 110 $\mu\text{g/L}$, 350 $\mu\text{g/L}$, and 320 $\mu\text{g/L}$, respectively.

TPHg and BTEX concentrations remain elevated in upgradient well MW-4 at 940 $\mu\text{g/L}$, 150 $\mu\text{g/L}$, 12 $\mu\text{g/L}$, 7.6 $\mu\text{g/L}$, and 12 $\mu\text{g/L}$, respectively. No hydrocarbons, excluding MTBE (see below), were detected in down/cross-gradient well MW-6 or cross-gradient well MW-7. Analytical results are presented in Figure 1, Table 1, and Appendix B.

Significantly higher elevated concentrations of TPHg and BTEX are present up-gradient of the site, on the adjacent property (see Figure 1 and Appendix D).

MTBE Distribution in Groundwater: MTBE was detected in down-gradient well MW-1, source area well MW-2, up-gradient well MW-4, and cross-gradient well MW-7 during this sampling event. No MTBE was detected above laboratory detection limits in well MW-6.

The highest on-site MTBE concentration was detected in source area well MW-2 at 4,900 µg/L. MTBE concentrations in wells MW-1, MW-4, and MW-7 were 4,000 µg/L, 3,300 µg/L, 2.0 µg/L, respectively.

Significantly higher concentrations of MTBE were identified in wells located up-gradient, on the adjacent property. The highest MTBE concentration was detected in monitoring well MW-5, on the adjacent property, at 21,000 µg/L. This offsite well is located approximately 10 feet up-gradient from onsite well MW-4 (Figure 1).



ANTICIPATED THIRD QUARTER 2006 ACTIVITIES

Monitoring Activities

During third quarter 2006, Cambria will measure water levels and collect groundwater samples from monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, and MW-7. Pursuant to ACHCSA's letter dated February 25, 2003, the well sampling schedule was revised so that wells MW-1, MW-2, and MW-4 are sampled on a quarterly basis and wells MW-3, MW-5, MW-6, and MW-7 are sampled on a semi-annual basis during the first and third quarters. Groundwater samples will be analyzed for TPHg by EPA Method SW8015C, BTEX, and MTBE by EPA Method SW8021B and by EPA Method SW8260B. Cambria will prepare a groundwater monitoring report summarizing the monitoring activities and results.

Closure Request

Based on the decreasing concentrations, the offsite source, and a stable plume confirmation, Cambria will begin preparation of a Closure Request for this low risk groundwater site. The Closure Request is anticipated to be completed during the third or fourth quarter of 2006.

ATTACHMENTS:

Figure 1 – Groundwater Elevation Contour and Hydrocarbon Concentration Map

Table 1 – Groundwater Elevation and Analytical Data

Appendix A – Groundwater Monitoring Field Data Sheets

Appendix B – Laboratory Analytical Report

Appendix C – Benzene and MTBE Concentration Graphs

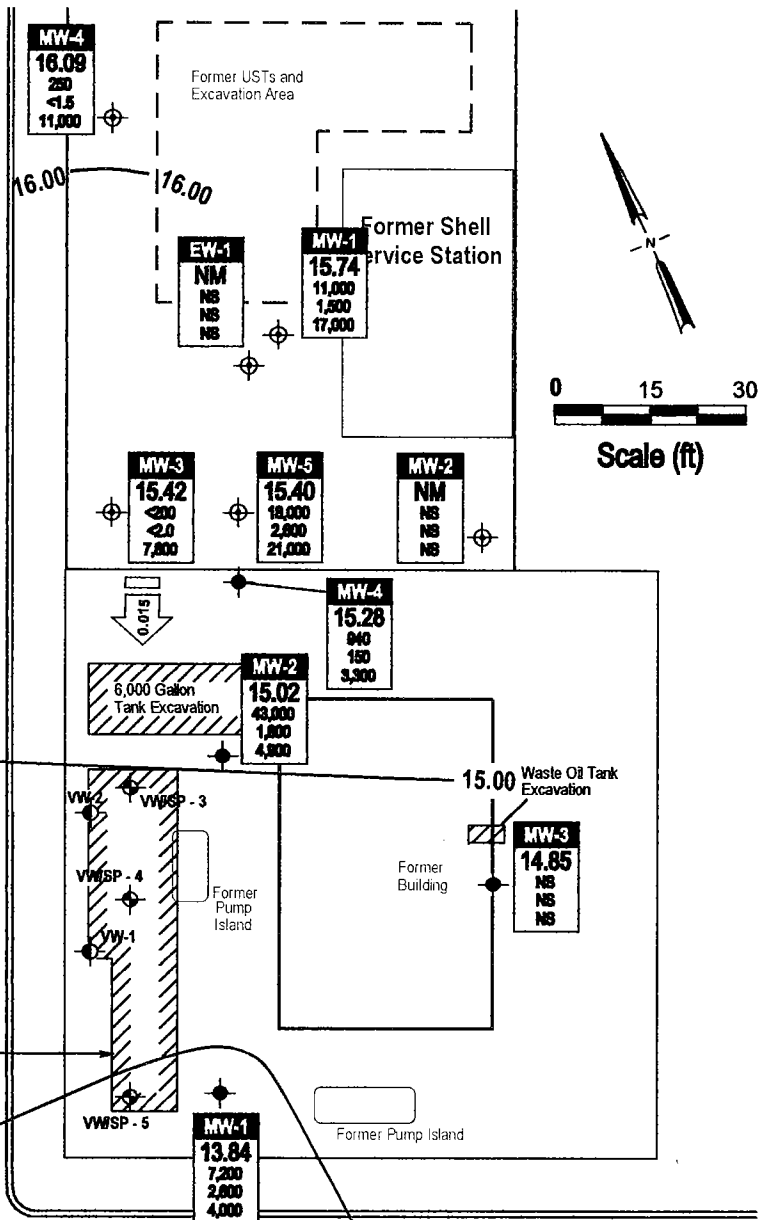
Appendix D – Former Shell Station Groundwater Monitoring and Analytical Results

FIGURE

EXPLANATION

- Monitoring well location
- Dual SVE/Sparging well
- SVE well location
- Shell Monitoring well location
- 16.00 Groundwater elevation contour, dashed where inferred
- 0.015 Groundwater flow direction and gradient (ft/ft)
- Well ID, ELEV, TPHg, Benzene, MTBE
- Groundwater elevation, in feet above mean sea level (msl).
- TPHg, Benzene and MTBE concentrations are in micrograms per liter (µg/L)
- NS Not sampled
- NM Not measured

HARRISON STREET



14.00

14.00

H:\SE-2004\BO-01\FIGURES\0002\0106-MP.DWG

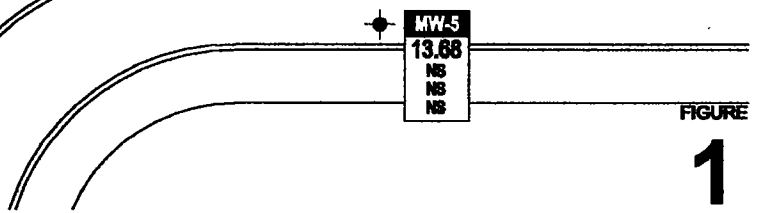
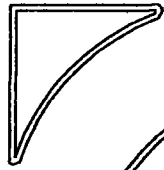
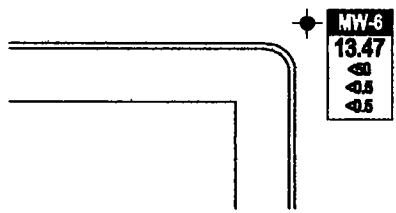


FIGURE 1

Former ARCO Station
 706 Harrison Street
 Oakland, California



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Groundwater Elevation Contour and Hydrocarbon Concentration Map

April 12, 2006

TABLE

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Table 1. Groundwater Elevation and Analytical Data: Former ARCO Station - 706 Harrison Street, Oakland, California

Well ID	TOC	Sampling Frequency	Date Sampled	Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-1			8/13/1993	17.40	11.75	20,000	8,500	640	280	440	-	-	
	29.15		12/14/1993	17.27	11.88	17,000	9,200	1,200	4,400	540	-	-	
	Quarterly		4/15/1994	17.00	12.15	9,500	3,600	530	160	280	-	-	
			12/29/1994	16.40	12.75	-	-	-	-	-	-	-	
			7/19/1996	15.83	13.32	17,000	5,200	1,100	330	530	-	-	sheen/odor
			1/27/1997	13.58	15.57	30,000	9,800	1,300	790	880	400	-	b, sheen/odor
			6/18/1997	16.11	13.04	19,000	5,600	1,400	510	770	1,200	800	a, b
			9/18/1997	16.62	12.53	48,000	18,000	4,400	1,000	1,700	ND<640	-	b
			12/10/1997	15.93	13.22	22,000	4,900	1,300	580	650	460	260	a, b, odor
			2/18/1998	11.56	17.59	16,000	5,000	750	400	780	1,800	-	b
			5/12/1998	13.53	15.62	19,000	4,600	810	450	770	5,500	-	b, c
			8/18/1998	15.19	13.96	12,000	3,600	1,300	300	570	5,100	3,700	a, b
			11/24/1998	15.67	13.48	13,000	3,600	890	330	380	6,100	-	b
			2/4/1999	15.31	13.84	20,000	5,900	830	450	500	4,900	-	b
			5/18/1999	14.95	14.20	23,000	7,000	1,600	520	830	6,100	-	b
			8/27/1999	15.84	13.31	19,000	5,800	1,700	410	710	1,800	2,100	a, b
			11/18/1999	16.39	12.76	20,000	4,900	630	410	580	4,900	3,600	b
			2/29/2000	13.43	15.72	12,000	2,800	24	290	170	3,100	3,400	a
			5/25/2000	15.08	14.07	12,000	2,200	120	330	260	9,100	12,000	a, b
			8/9/2000	16.09	13.06	13,000	2,500	44	310	140	16,000	-	b
			11/9/2000	15.90	13.25	11,000	2,500	140	380	150	11,000	12,000	b
			1/29/2001	16.05	13.10	9,600	3,100	100	77	200	2,600	2,400	b
			4/16/2001	16.90	12.25	3,300	1,200	4.4	2.7	28	900	940	b
			8/14/2001	17.13	12.02	2,000	500	3.4	24	7.8	68	53	a
			10/22/2001	16.11	13.04	220	83	0.63	2.8	ND<0.5	ND<10	5.7	a
			2/1/2002	16.93	12.22	640	220	1.7	4.7	0.57	ND<10	-	a
			5/10/2002	15.09	14.06	230	26	0.97	ND<0.5	ND<0.5	ND<5.0	-	a
			7/8/2002	15.20	13.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
			10/2/2002	15.70	13.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			1/23/2003	15.09	14.06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			4/29/2003	13.02	16.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	26.17		7/18/2003	14.50	11.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			10/9/2003	13.81	12.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			1/28/2004	13.09	13.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			4/7/2004	14.97	11.20	180	60	0.56	1.9	ND<0.5	ND<5.0	-	a
			7/23/2004	14.15	12.02	130	36	ND<0.5	0.65	ND<0.5	ND<5.0	-	a
			10/12/2004	16.30	9.87	ND<50	2.5	1.5	ND<0.5	0.86	ND<5.0	-	
			2/14/2005	13.85	12.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			4/27/2005	13.35	12.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			7/19/2005	14.68	11.49	4,500	1,400	6.5	160	58	-	-	a
			10/18/2005	15.15	11.02	1,700	340	ND<5.0	28	ND<5.0	8,000	7,200	a
			1/23/2006	13.27	12.90	3,100	790	6.5	79	32	4,200	5,100	a
			4/12/2006	12.33	13.84	7,200	2,600	110	350	320	5,600	4,000	a

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Table 1. Groundwater Elevation and Analytical Data: Former ARCO Station - 706 Harrison Street, Oakland, California

Well ID											
TOC		Depth to	Groundwater						MTBE	MTBE	
Sampling		Water	Elevation	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	by 8021B	by 8260B	
Frequency	Date Sampled	(ft)	(ft-msl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	Notes
MW-2	8/13/1993	17.05	13.46	34,000	6,800	10,000	740	3,900	-	-	
30.51	12/14/1993	18.28	12.23	16,000	3,200	4,200	500	1,700	-	-	
Quarterly	4/15/1994	18.10	12.41	23,000	2,500	4,200	470	1,800	-	-	
	12/29/1994	17.40	13.11	-	-	-	-	-	-	-	
	7/19/1996	16.72	13.79	90,000	7,300	14,000	1,600	7,300	-	-	odor
	1/27/1997	14.89	15.62	63,000	7,100	13,000	1,600	7,100	500	-	b, odor
	6/18/1997	17.12	13.39	52,000	5,100	10,000	1,400	6,000	ND<200	-	b
	9/18/1997	17.63	12.88	110,000	9,400	23,000	2,600	13,000	ND<890	-	b, sheen/odor
	12/10/1997	16.98	13.53	39,000	2,600	5,300	940	3,900	780	320	b, odor
	2/18/1998	12.61	17.90	85,000	9,000	19,000	2,300	11,000	2,400	-	b
	5/12/1998	14.45	16.06	110,000	9,500	21,000	2,500	12,000	ND<1,200	-	b
	8/18/1998	16.14	14.37	64,000	6,000	13,000	1,700	7,800	2,000	1,300	a, b
	11/24/1998	16.70	13.81	78,000	5,300	14,000	2,300	11,000	ND<2,000	-	b, g
	2/4/1999	18.39	12.12	66,000	5,800	16,000	2,600	12,000	3,000	-	b, g
	5/18/1999	15.90	14.61	78,000	6,700	17,000	2,400	10,000	4,300	-	b
	8/27/1999	16.79	13.72	91,000	7,400	17,000	2,300	11,000	1,200	1,000	a, b
	11/18/1999	17.32	13.19	180,000	7,000	20,000	3,300	16,000	ND<6,000	1,700	b,g
	2/29/2000	14.37	16.14	86,000	5,500	13,000	2,000	9,500	3,500	4,700	a
	5/25/2000	16.01	14.50	110,000	6,300	14,000	2,400	10,000	7,500	6,500	a, b, g
	8/9/2000	17.02	13.49	77,000	5,000	13,000	2,000	8,600	5,900	-	b
	11/9/2000	17.00	13.51	70,000	4,800	12,000	1,900	8,000	9,400	8,300	b
	1/29/2001	18.31	12.20	110,000	8,200	21,000	2,800	13,000	2,500	1,900	b,g
	4/16/2001	18.59	11.92	97,000	7,400	15,000	2,500	12,000	ND<3,000	ND<50	b,g
	8/14/2001	18.74	11.77	97,000	6,200	14,000	2,400	13,000	ND<250	ND<50	a,j
	10/22/2001	18.27	12.24	71,000	5,900	15,000	2,400	12,000	ND<1,400	150	a
	2/1/2002	18.05	12.46	1,400	11	88	44	210	ND<5.0	-	a
	5/10/2002	17.15	13.36	97,000	4,500	15,000	2,500	12,000	ND<3,000	-	a,g
	7/8/2002	15.30	15.21	42,000	2,100	6,500	2,200	8,800	ND<1,000	65	a
	10/2/2002	15.89	14.62	70,000	1,700	5,700	1,900	8,300	ND<1,700	-	a
	1/23/2003	17.51	13.00	40,000	1,900	7,800	1,200	5,600	ND<1,000	-	a
	4/29/2003	15.31	15.20	82,000	2,500	11,000	2,200	9,400	ND<2,000	-	a
27.53	7/18/2003	16.84	10.69	57,000	2,100	8,700	2,200	10,000	-	ND<50	a
	10/9/2003	16.05	11.48	49,000	1,800	7,000	1,700	7,600	ND<1,500	26	a
	1/28/2004	15.39	12.14	550	21	33	3.0	61	ND<100	-	a
	4/7/2004	16.01	11.52	41,000	2,500	11,000	1,900	8,000	ND<2,000	-	a
	7/23/2004	15.30	12.23	81,000	2,000	12,000	2,500	12,000	ND<2,000	-	a,h
	10/12/2004	17.87	9.66	75,000	2,600	13,000	2,300	11,000	ND<1,300	-	a
	2/14/2005	14.80	12.73	75,000	2,600	12,000	2,400	10,000	ND<1,800	-	a,h
	4/27/2005	14.63	12.90	61,000	2,800	11,000	1,600	7,000	ND<2,700	-	a
	7/19/2005	15.60	11.93	90,000	3,700	14,000	2,600	10,000	ND<7,000	-	a
	10/18/2005	16.08	11.45	77,000	3,300	14,000	2,400	11,000	7,900	6,400	a
	1/23/2006	14.20	13.33	54,000	1,600	8,000	1,600	6,700	6,600	7,000	a
	4/12/2006	12.51	15.02	43,000	1,800	7,800	1,300	5,200	6,400	4,900	a

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Table 1. Groundwater Elevation and Analytical Data: Former ARCO Station - 706 Harrison Street, Oakland, California

Well ID	TOC	Sampling Frequency	Date Sampled	Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-3			8/13/1993	17.05	12.72	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.5	-	-	
29.77			12/14/1993	17.70	12.07	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.5	-	-	
Semi-annually			4/15/1994	17.40	12.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
			12/29/1994	16.80	12.97	-	-	-	-	-	-	-	
			7/19/1996	16.28	13.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
			1/27/1997	13.83	15.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			6/18/1997	16.53	13.24	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			9/18/1997	17.07	12.70	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			12/10/1997	16.15	13.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			2/18/1998	11.80	17.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			5/12/1998	13.85	15.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			8/18/1998	15.57	14.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			11/24/1998	16.04	13.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			2/4/1999	17.80	11.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			5/18/1999	15.29	14.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			8/27/1999	16.15	13.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			11/18/1999	16.77	13.00	-	-	-	-	-	-	-	
			2/29/2000	13.71	16.06	ND<50	2	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			5/25/2000	15.46	14.31	-	-	-	-	-	-	-	
			8/9/2000	16.46	13.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			11/9/2000	16.25	13.52	-	-	-	-	-	-	-	
			1/29/2001	16.52	13.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			4/16/2001	16.95	12.82	-	-	-	-	-	-	-	
			8/14/2001	17.11	12.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			10/22/2001	16.50	13.27	-	-	-	-	-	-	-	
			2/1/2002	16.90	12.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			5/10/2002	15.03	14.74	-	-	-	-	-	-	-	
			7/8/2002	14.45	15.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			10/2/2002	15.03	14.74	-	-	-	-	-	-	-	
			1/23/2003	15.48	14.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			4/29/2003	12.49	17.28	-	-	-	-	-	-	-	
26.79			7/18/2003	14.80	11.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			10/9/2003	14.13	12.66	-	-	-	-	-	-	-	
			1/28/2004	13.47	13.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			4/7/2004	15.41	11.38	-	-	-	-	-	-	-	
			7/23/2004	14.54	12.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			10/12/2004	16.58	10.21	-	-	-	-	-	-	-	
			2/14/2005	14.19	12.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			4/27/2005	13.68	13.11	-	-	-	-	-	-	-	
			7/19/2005	15.15	11.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
			10/18/2005	15.60	11.19	-	-	-	-	-	-	-	
			1/23/2006	13.65	13.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	270	260	
				4/12/2006	11.94	14.85	-	-	-	-	-	-	-

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Table 1. Groundwater Elevation and Analytical Data: Former ARCO Station - 706 Harrison Street, Oakland, California

Well ID	TOC	Sampling Frequency	Date Sampled	Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-4			12/16/1994	18.10	13.08	2,500	32	6.5	4.5	17	-	-	
	31.18		12/29/1994	17.95	13.23	-	-	-	-	-	-	-	
Quarterly			7/19/1996	17.38	13.80	3,300	520	39	67	60	-	-	
			1/27/1997	15.25	15.93	4,500	860	55	100	91	1,100	-	b
			6/18/1997	17.61	13.57	2,700	700	52	81	76	2,200	2,300	a, b
			9/18/1997	18.01	13.17	3,900	760	38	56	64	ND<170	-	b
			12/10/1997	17.45	13.73	12,000	1,800	120	210	210	2,900	2,600	a, b
			2/18/1998	13.09	18.09	1,700	210	8	6.7	16	200	-	b
			5/12/1998	14.78	16.40	2,100	300	15	36	34	920	-	b, c
			8/18/1998	16.59	14.59	4,700	1,000	130	110	150	5,200	4,900	a, b
			11/24/1998	17.18	14.00	3,000	810	44	76	94	4,800	-	b
			2/4/1999	18.90	12.28	2,800	770	50	69	69	3,100	-	b
			5/18/1999	16.30	14.88	4,000	780	57	7.7	79	4,800	-	b
			8/27/1999	17.21	13.97	4,100	870	51	74	99	3,300	4,100	a, b
			11/18/1999	17.77	13.41	3,000	760	43	67	65	5,100	5,400	b
			2/29/2000	14.85	16.33	4,600	1,000	64	94	170	4,100	4,600	a
			5/25/2000	16.45	14.73	2,600	540	39	59	41	3,500	5,300	b
			8/9/2000	17.47	13.71	4,400	930	66	98	79	9,400	-	b
			11/9/2000	17.45	13.73	4,200	630	34	54	44	7,800	9,400	b
			1/29/2001	18.90	12.28	3,100	710	34	66	51	9,400	8,000	b
			4/16/2001	19.17	12.01	160	1.2	1.3	ND<0.5	12	22	20	b
			8/14/2001	19.20	11.98	1,700	190	11	35	13	300	250	b
			10/22/2001	18.95	12.23	1,100	120	3.7	29	7.9	ND<25	16	a
			2/1/2002	19.05	12.13	2,600	25	43	21	280	ND<5.0	-	a
			5/10/2002	17.69	13.49	490	3.5	2.0	2.1	2.2	ND<5.0	-	a
			7/8/2002	15.75	15.43	170	0.51	0.62	1.6	1.2	ND<5.0	2.0	m
			10/2/2002	16.30	14.88	240	1.7	2.0	2.2	0.88	ND<5.0	-	a
			1/23/2003	17.74	13.44	ND<50	0.52	4.1	ND<0.5	1.9	ND<5.0	-	
			4/29/2003	15.47	15.71	1,300	75	4.8	21	7.3	130	120	a
28.20			7/18/2003	17.08	11.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	0.74	a
			10/9/2003	16.25	11.95	210	4.7	0.57	1.6	1.1	ND<10	10	a
			1/28/2004	15.65	12.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	a
			4/7/2004	16.49	11.71	-	-	-	-	-	-	-	
			4/12/2004	-	-	770	56	3.2	7.0	6.5	120	160	a
			7/23/2004	15.86	12.34	1,100	130	11	17	17	790	800	a
			10/12/2004	18.05	10.15	150	0.86	ND<0.5	ND<0.5	0.97	ND<10	-	a
			2/14/2005	15.30	12.90	1,500	200	16	30	31	420	550	a
			4/27/2005	14.20	14.00	3,000	520	100	27	86	600	480	a
			7/19/2005	16.08	12.12	1,800	310	16	36	25	1,000	1,100	a
			10/18/2005	16.55	11.65	2,500	450	28	47	51	3,800	4,500	a
			1/23/2006	14.66	13.54	1,300	170	13	14	14	2,500	3,300	a
			4/12/2006	12.92	15.28	940	150	12	7.6	12	3,400	3,300	a

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Table 1. Groundwater Elevation and Analytical Data: Former ARCO Station - 706 Harrison Street, Oakland, California

Well ID											
TOC		Depth to	Groundwater						MTBE	MTBE	
Sampling		Water	Elevation	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	by 8021B	by 8260B	
Frequency	Date Sampled	(ft)	(ft-msl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	Notes
MW-5	12/16/1994	16.07	11.97	ND<50	1.1	ND<0.5	ND<0.5	2.4	-	-	
28.04	12/29/1994	16.10	11.94	-	-	-	-	-	-	-	
Semi-annually	7/19/1996	15.49	12.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	1/27/1997	13.60	14.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	15.55	12.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	9/18/1997	16.16	11.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	12/10/1997	15.41	12.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	10.93	17.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	13.25	14.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	14.75	13.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	15.15	12.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/4/1999	14.61	13.43	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	14.15	13.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/27/1999	15.43	12.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	15.97	12.07	-	-	-	-	-	-	-	
	2/29/2000	13.16	14.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/25/2000	14.72	13.32	-	-	-	-	-	-	-	
	8/9/2000	15.68	12.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	15.39	12.65	-	-	-	-	-	-	-	
	1/29/2001	15.97	12.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	16.24	11.80	-	-	-	-	-	-	-	
	8/14/2001	17.39	10.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	15.90	12.14	-	-	-	-	-	-	-	
	2/1/2002	16.55	11.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/10/2002	15.12	12.92	-	-	-	-	-	-	-	
	7/8/2002	15.92	12.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.42	11.62	-	-	-	-	-	-	-	
	1/23/2003	14.90	13.14	ND<50	20	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	12.05	15.99	-	-	-	-	-	-	-	
25.07	7/18/2003	14.28	10.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	13.36	11.71	-	-	-	-	-	-	-	
	1/28/2004	12.68	12.39	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	14.71	10.36	-	-	-	-	-	-	-	
	7/23/2004	13.49	11.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	10/12/2004	15.88	9.19	-	-	-	-	-	-	-	
	2/14/2005	13.22	11.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	4/27/2005	13.40	11.67	-	-	-	-	-	-	-	
	7/19/2005	14.21	10.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	10/18/2005	14.79	10.28	-	-	-	-	-	-	-	
	1/23/2006	13.12	11.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	4/12/2006	11.39	13.68	-	-	-	-	-	-	-	

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Table 1. Groundwater Elevation and Analytical Data: Former ARCO Station - 706 Harrison Street, Oakland, California

Well ID											
TOC		Depth to	Groundwater						MTBE	MTBE	
Sampling		Water	Elevation	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	by 8021B	by 8260B	Notes
Frequency	Date Sampled	(ft)	(ft-msl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
MW-6	12/16/1994	17.74	11.36	-	-	-	-	-	-	-	
29.10	12/29/1994	17.40	11.70	-	-	-	-	-	-	-	
Quarterly	7/19/1996	16.60	12.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	1/27/1997	14.88	14.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	16.73	12.37	51	22	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	c
	9/18/1997	17.24	11.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	12/10/1997	16.56	12.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	12.93	16.17	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	14.35	14.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	15.94	13.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	16.46	12.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/4/1999	18.25	10.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	15.73	13.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/27/1999	15.64	13.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	17.04	12.06	-	-	-	-	-	-	-	
	2/29/2000	14.55	14.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/25/2000	15.86	13.24	-	-	-	-	-	-	-	
	8/9/2000	16.80	12.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	16.60	12.50	-	-	-	-	-	-	-	
	1/29/2001	17.00	12.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	17.15	11.95	-	-	-	-	-	-	-	
	8/14/2001	17.30	11.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	17.13	11.97	-	-	-	-	-	-	-	
	2/1/2002	16.57	12.53	70	37	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	a
	5/10/2002	15.25	13.85	-	-	-	-	-	-	-	
	7/8/2002	15.79	13.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.38	12.72	-	-	-	-	-	-	-	
	1/23/2003	16.03	13.07	ND<50	21	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	14.19	14.91	-	-	-	-	-	-	-	
26.13	7/18/2003	15.47	10.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	14.73	11.40	-	-	-	-	-	-	-	
	1/28/2004	14.05	12.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	14.41	11.72	-	-	-	-	-	-	-	
	7/23/2004	15.15	10.98	3,300	1,300	ND<5.0	52	9.7	ND<5.0	-	a
	10/12/2004	17.29	8.84	-	-	-	-	-	-	-	
	2/14/2005	14.60	11.53	350	160	ND<0.5	ND<0.5	ND<0.5	ND<25	2.0	a,i
	4/27/2005	14.10	12.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	7/19/2005	15.18	10.95	110	15	ND<0.5	0.62	ND<0.5	ND<5.0	1.7	a,i
	10/18/2005	15.65	10.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.87	i
	1/23/2006	14.02	12.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.50	i
	4/12/2006	12.66	13.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	

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Table 1. Groundwater Elevation and Analytical Data: Former ARCO Station - 706 Harrison Street, Oakland, California

Well ID											
TOC		Depth to	Groundwater						MTBE	MTBE	
Sampling		Water	Elevation	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	by 8021B	by 8260B	
Frequency	Date Sampled	(ft)	(ft-msl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	Notes
MW-7	12/16/1994	17.07	12.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
29.67	12/29/1994	17.65	12.02	-	-	-	-	-	-	-	
Quarterly	7/19/1996	16.44	13.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	1/27/1997	15.09	14.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	16.59	13.08	73	ND<0.5	0.55	ND<0.5	ND<0.5	ND<5.0	-	d
	9/18/1997	17.06	12.61	94	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	b, f
	12/10/1997	16.58	13.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	12.60	17.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	14.81	14.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	15.67	14.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	16.30	13.37	200	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	d
	2/4/1999	15.99	13.68	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	15.42	14.25	200	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	d
	8/27/1999	16.35	13.32	140	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	16.81	12.86	--	--	--	--	--	--	-	
	2/29/2000	14.16	15.51	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	f
	5/25/2000	15.54	14.13	--	--	--	--	--	--	-	
	8/9/2000	16.56	13.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	16.45	13.22	-	-	-	-	-	-	-	
	1/29/2001	16.92	12.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	17.03	12.64	-	-	-	-	-	-	-	
	8/14/2001	17.27	12.40	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	16.95	12.72	-	-	-	-	-	-	-	
	2/1/2002	16.14	13.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/10/2002	15.30	14.37	-	-	-	-	-	-	-	
	7/8/2002	15.73	13.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.24	13.43	-	-	-	-	-	-	-	
	1/23/2003	15.70	13.97	ND<50	23	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	12.68	16.99	-	-	-	-	-	-	-	
26.70	7/18/2003	15.19	11.51	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	14.45	12.25	-	-	-	-	-	-	-	
	1/28/2004	13.88	12.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	15.71	10.99	-	-	-	-	-	-	-	
	7/23/2004	14.85	11.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	130	120	
	10/12/2004	16.90	9.80	-	-	-	-	-	-	-	
	2/14/2005	14.42	12.28	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	190	200	
	4/27/2005	13.75	12.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	1.3	
	7/19/2005	14.91	11.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	65	66	
	10/18/2005	15.40	11.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	15	
	1/23/2006	13.99	12.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	2.2	
	4/12/2006	12.32	14.38	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	2.0	

CAMBRIA

Table 1. Groundwater Elevation and Analytical Data: Former ARCO Station - 706 Harrison Street, Oakland, California

Well ID	TOC	Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
VW-3	3/6/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
-	3/25/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
VW-4	3/6/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
-	3/25/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
Trip Blank	11/9/2000	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
-	2/14/2005	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

Abbreviations and Analyses:

TOC = Top of casing elevation, measured in feet, relative to mean sea level
ft = Measured in feet
ft-msl = Elevation in feet relative to mean sea level
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C
Benzene, ethylbenzene, toluene and xylenes by EPA Method SW8021B.
MTBE = Methyl tertiary butyl ether by EPA Method SW8021B and/or SW8260B.
µg/L = Micrograms per liter
- = Not sampled, not analyzed, or not applicable
ND<0.5 = Not Detected (ND) above laboratory detection limit.
Data prior to 12/16/94 provided by previous consultant.
Wells were re-surveyed on October 27, 2003 to City of Oakland Benchmark 25A.

Analytical Laboratory Notes:

a = "unmodified or weakly modified gasoline is significant"
b = "heavier gasoline range compounds are significant"
c = "lighter gasoline range compounds are significant"
d = "isolated peaks are present"
f = "hydrocarbons with no recognizable patterns are present"
g = "lighter than water immiscible sheen is present"
h = "lighter than water immiscible sheen/product is present"
i = "sample contains greater than ~1 vol. % sediment"
j = "sample was diluted due to high organic content"
m = "no recognizable pattern"

APPENDIX A

Groundwater Monitoring Field Data Sheets



WELL GAUGING SHEET

Client: Cambria Environmental Technology Inc.

Site
Address: 706 Harrison Street Oakland, CA

Date: 4/12/2006

Signature: 

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	2:20		12.33		24.98	MW-2 odor, MW-4 odor
MW-2	2:30		12.51		25.43	
MW-3	2:05		11.94		27.75	
MW-4	2:25		12.92		25.61	
MW-5	2:00		11.39		27.90	
MW-6	2:10		12.66		25.90	
MW-7	2:15		12.32		27.80	



WELL SAMPLING FORM

Date:		4/12/2006				
Client:		Cambria Environmental Technology Inc.				
Site Address:		706 Harrison Street Oakland, CA				
Well ID:		MW-1				
Well Diameter:		2"				
Purging Device:		Disposable Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		24.98	Fe= mg/L			
Depth to Water:		12.33	ORP= mV			
Water Column Height:		12.65	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		2.02	COMMENTS: turbid			
3 Casing Volumes (gal):		6.07				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
4:10	2.0	19.2			6.95	1031
4:15	4.0	18.8	7.03	1017		
4:20	6.1	18.8	7.01	1052		
Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-1	4/12/2006	4:25	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, confirmation by 8260
Signature:						



WELL SAMPLING FORM

Date:		4/12/2006				
Client:		Cambria Environmental Technology Inc.				
Site Address:		706 Harrison Street Oakland, CA				
Well ID:		MW-2				
Well Diameter:		2"				
Purging Device:		Disposable Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		25.43	Fe= mg/L			
Depth to Water:		12.51	ORP= mV			
Water Column Height:		12.92	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		2.07	COMMENTS: odor			
3 Casing Volumes (gal):		6.20				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
5:10	2.1	17.8			7.03	729
5:15	4.1	17.9			6.95	761
5:20	6.2	18.4	6.97	774		
Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-2	4/12/2006	5:25	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, confirmation by 8260
				Signature:		




WELL SAMPLING FORM

Date:		4/12/2006				
Client:		Cambria Environmental Technology Inc.				
Site Address:		706 Harrison Street Oakland, CA				
Well ID:		MW-4				
Well Diameter:		2"				
Purging Device:		Disposable Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		25.61	Fe= mg/L			
Depth to Water:		12.92	ORP= mV			
Water Column Height:		12.69	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		2.03	COMMENTS: turbid, odor			
3 Casing Volumes (gal):		6.09				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
4:40	2.0	19.1			7.04	610
4:45	4.1	18.6	7.11	645		
4:50	6.1	18.3	7.10	638		
Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-4	4/12/2006	4:55	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, confirmation by 8260
				Signature:		



WELL SAMPLING FORM

Date:		4/12/2006				
Client:		Cambria Environmental Technology Inc.				
Site Address:		706 Harrison Street Oakland, CA				
Well ID:		MW-6				
Well Diameter:		2"				
Purging Device:		Disposable Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		25.90	Fe= mg/L			
Depth to Water:		12.66	ORP= mV			
Water Column Height:		13.24	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		2.12	COMMENTS: turbid			
3 Casing Volumes (gal):		6.36				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
2:55	2.1	17.9			7.08	1042
3:00	4.2	18.5			7.14	991
3:05	6.4	18.7	7.11	997		
Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-6	4/12/2006	3:10	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, confirmation by 8260
				Signature: 		




WELL SAMPLING FORM

Date:		4/12/2006				
Client:		Cambria Environmental Technology Inc.				
Site Address:		706 Harrison Street Oakland, CA				
Well ID:		MW-7				
Well Diameter:		2"				
Purging Device:		Disposable Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		27.80	Fe= mg/L			
Depth to Water:		12.32	ORP= mV			
Water Column Height:		15.48	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		2.48	COMMENTS: turbid			
3 Casing Volumes (gal):		7.43				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
3:30	2.5	18.9			7.02	623
	3:35	5.0	18.6	6.97	610	
	3:40	7.4	18.1	7.06	643	
Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-7	4/12/2006	3:45	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, confirmation by 8260
				Signature:		

APPENDIX B

Laboratory Analytical Report

CC COPY

 McCampbell Analytical, Inc.	110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com
--	---

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #230-0116; BoGin	Date Sampled: 04/12/06
		Date Received: 04/13/06
	Client Contact: Matt Meyers	Date Reported: 04/18/06
	Client P.O.:	Date Completed: 04/18/06

WorkOrder: 0604217

April 18, 2006

Dear Matt:

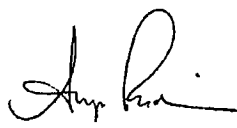
Enclosed are:

- 1). the results of 5 analyzed samples from your #230-0116; BoGin project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,



Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #230-0116; BoGin	Date Sampled: 04/12/06
		Date Received: 04/13/06
	Client Contact: Matt Meyers	Date Extracted: 04/14/06-04/15/06
	Client P.O.:	Date Analyzed: 04/14/06-04/15/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0604217

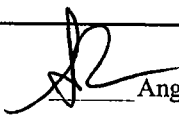
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	7200,a	5600	2600	110	350	320	50	117
002A	MW-2	W	43,000,a	6400	1800	7800	1300	5200	100	112
003A	MW-4	W	940,a	3400	150	12	7.6	12	1	106
004A	MW-6	W	ND	ND	ND	ND	ND	ND	1	105
005A	MW-7	W	ND	ND	ND	ND	ND	ND	1	99

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.


 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology
5900 Hollis St, Suite A
Emeryville, CA 94608

Client Project ID: #230-0116; BoGin
Client Contact: Matt Meyers
Client P.O.:

Date Sampled: 04/12/06
Date Received: 04/13/06
Date Extracted: 04/15/06
Date Analyzed: 04/15/06

Methyl tert-Butyl Ether*

Extraction method: SW5030B

Analytical methods: SW8260B

Work Order: 0604217

Lab ID	Client ID	Matrix	Methyl-t-butyl ether (MTBE)	DF	% SS
001B	MW-1	W	4000	200	91
002B	MW-2	W	4900	200	91
003B	MW-4	W	3300	100	93
004B	MW-6	W	ND	1	99
005B	MW-7	W	2.0	1	98

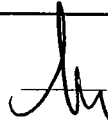
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	0.5	µg/L
	S	NA	NA

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

 Angela Rydelius, Lab Manager



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0604217

EPA Method: SW8021B/8015Cm		Extraction: SW5030B			BatchID: 21229			Spiked Sample ID: 0604196-001A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) [£]	ND	60	107	108	1.08	109	109	0	70 - 130	70 - 130
MTBE	ND	10	89.4	90.8	1.55	87.1	97.7	11.4	70 - 130	70 - 130
Benzene	ND	10	90.1	91.6	1.60	94.9	103	8.09	70 - 130	70 - 130
Toluene	ND	10	92.5	92.4	0.111	96.5	105	8.14	70 - 130	70 - 130
Ethylbenzene	ND	10	102	104	1.58	107	117	8.83	70 - 130	70 - 130
Xylenes	ND	30	95.7	96.7	1.04	100	110	9.52	70 - 130	70 - 130
%SS:	103	10	100	100	0	103	104	0.618	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 21229 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0604217-001A	4/12/06 4:25 PM	4/14/06	4/14/06 1:27 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 % Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 £ TPH(btex) = sum of BTEX areas from the FID.
 # cluttered chromatogram; sample peak coelutes with surrogate peak.
 N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0604217

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) [£]	ND	60	107	110	2.62	100	107	6.58	70 - 130	70 - 130
MTBE	ND	10	118	105	11.8	110	106	4.20	70 - 130	70 - 130
Benzene	ND	10	105	102	3.02	105	99.8	4.71	70 - 130	70 - 130
Toluene	ND	10	98.4	94.9	3.68	98.6	94.1	4.66	70 - 130	70 - 130
Ethylbenzene	ND	10	106	104	2.36	105	101	3.19	70 - 130	70 - 130
Xylenes	ND	30	100	96	4.08	99.3	95.3	4.11	70 - 130	70 - 130
%SS:	99	10	105	99	5.59	106	101	4.69	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 21254 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0604217-002A	4/12/06 5:25 PM	4/14/06	4/14/06 2:00 AM	0604217-003A	4/12/06 4:55 PM	4/14/06	4/14/06 4:45 AM
0604217-003A	4/12/06 4:55 PM	4/15/06	4/15/06 1:39 AM	0604217-004A	4/12/06 3:10 PM	4/15/06	4/15/06 2:11 AM
0604217-005A	4/12/06 3:45 PM	4/14/06	4/14/06 5:51 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0604217

EPA Method: SW8260B		Extraction: SW5030B			BatchID: 21244			Spiked Sample ID: 0604207-007A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Methyl-t-butyl ether (MTBE)	ND	10	92	99.1	7.41	91.7	90.5	1.35	70 - 130	70 - 130
%SS1:	105	10	103	114	10.2	102	103	1.34	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 21244 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0604217-001B	4/12/06 4:25 PM	4/15/06	4/15/06 3:36 AM	0604217-002B	4/12/06 5:25 PM	4/15/06	4/15/06 4:21 AM
0604217-003B	4/12/06 4:55 PM	4/15/06	4/15/06 5:08 AM	0604217-004B	4/12/06 3:10 PM	4/15/06	4/15/06 5:54 AM
0604217-005B	4/12/06 3:45 PM	4/15/06	4/15/06 6:40 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 % Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.
 Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

McC Campbell Analytical, Inc.



110 Second Avenue South, #D7
 Pacheco, CA 94553-5560
 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0604217

ClientID: CETE

EDF: YES

Report to:

Matt Meyers
 Cambria Env. Technology
 5900 Hollis St, Suite A
 Emeryville, CA 94608

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #230-0116; BoGin
 PO:

Bill to:

Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 04/13/2006

Date Printed: 04/13/2006

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)													
					1	2	3	4	5	6	7	8	9	10	11	12		
0604217-001	MW-1	Water	4/12/06 4:25:00 PM	<input type="checkbox"/>	A	B	A											
0604217-002	MW-2	Water	4/12/06 5:25:00 PM	<input type="checkbox"/>	A	B												
0604217-003	MW-4	Water	4/12/06 4:55:00 PM	<input type="checkbox"/>	A	B												
0604217-004	MW-6	Water	4/12/06 3:10:00 PM	<input type="checkbox"/>	A	B												
0604217-005	MW-7	Water	4/12/06 3:45:00 PM	<input type="checkbox"/>	A	B												

Test Legend:

1	G-MBTEX_W	2	MTBE_W	3	PREDF REPORT	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

0604217

McCAMPBELL ANALYTICAL, INC.

110 2nd AVENUE SOUTH, #D7
 PACHECO, CA 94533-5560

Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Yes No

Report To: Matt Meyers Bill To: Cambria Environmental Technology

Company: Cambria Environmental Technology

5900 Hollis St. Ste A
 Emeryville, CA 94608 E-Mail: mmeyers@cambria-env.com

Tele: 510-420-3314 Fax: (510) 420-9170

Project #: 230-0116 Project Name: Bo Gin

Project Location: 706 Harrison St. Oakland, CA

Sampler Signature: Muskan Environmental Sampling

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				Analysis Request	Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other			
+ MN-1		4-12-06	4:25	3	Voa	X					X	X					Filter Samples for Metals analysis: Yes / No
+ MN-2			5:25	1													
+ MN-4			4:55	1													
+ MN-6			3:10	1													
+ MN-7			3:45	1													
+ TB				1		X					X	X					Hold

Relinquished By: [Signature] Date: 4/12/06 Time: 9:00 Received By: same location

Relinquished By: [Signature] Date: 4/13/06 Time: 3:24 Received By: [Signature]

ICE/PC GOOD CONDITION APPROPRIATE CONTAINERS

HEAD SPACE ABSENT DECHLORINATED IN LAB PRESERVED IN LAB

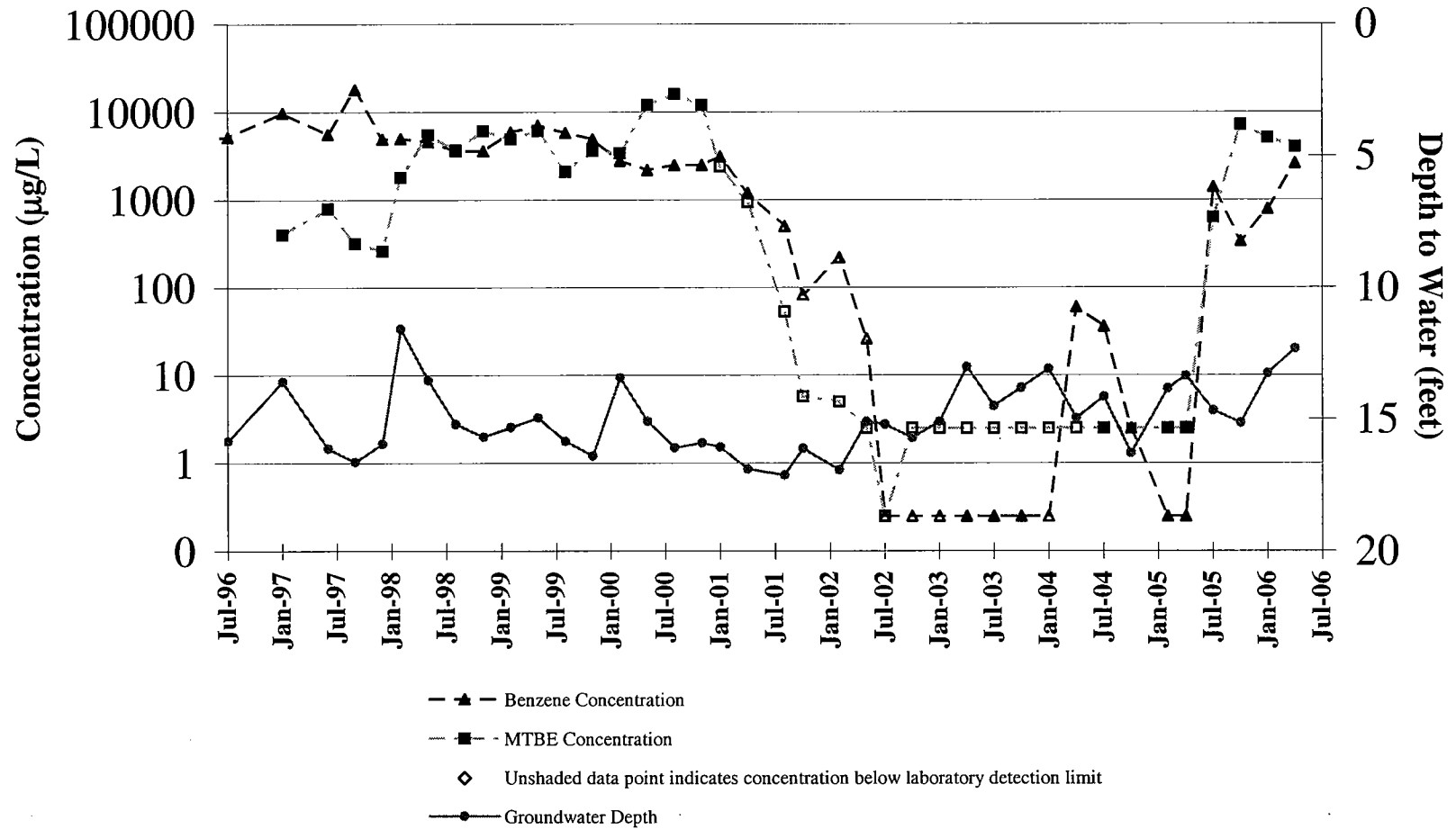
VOAS O&G METALS OTHER

PRESERVATION

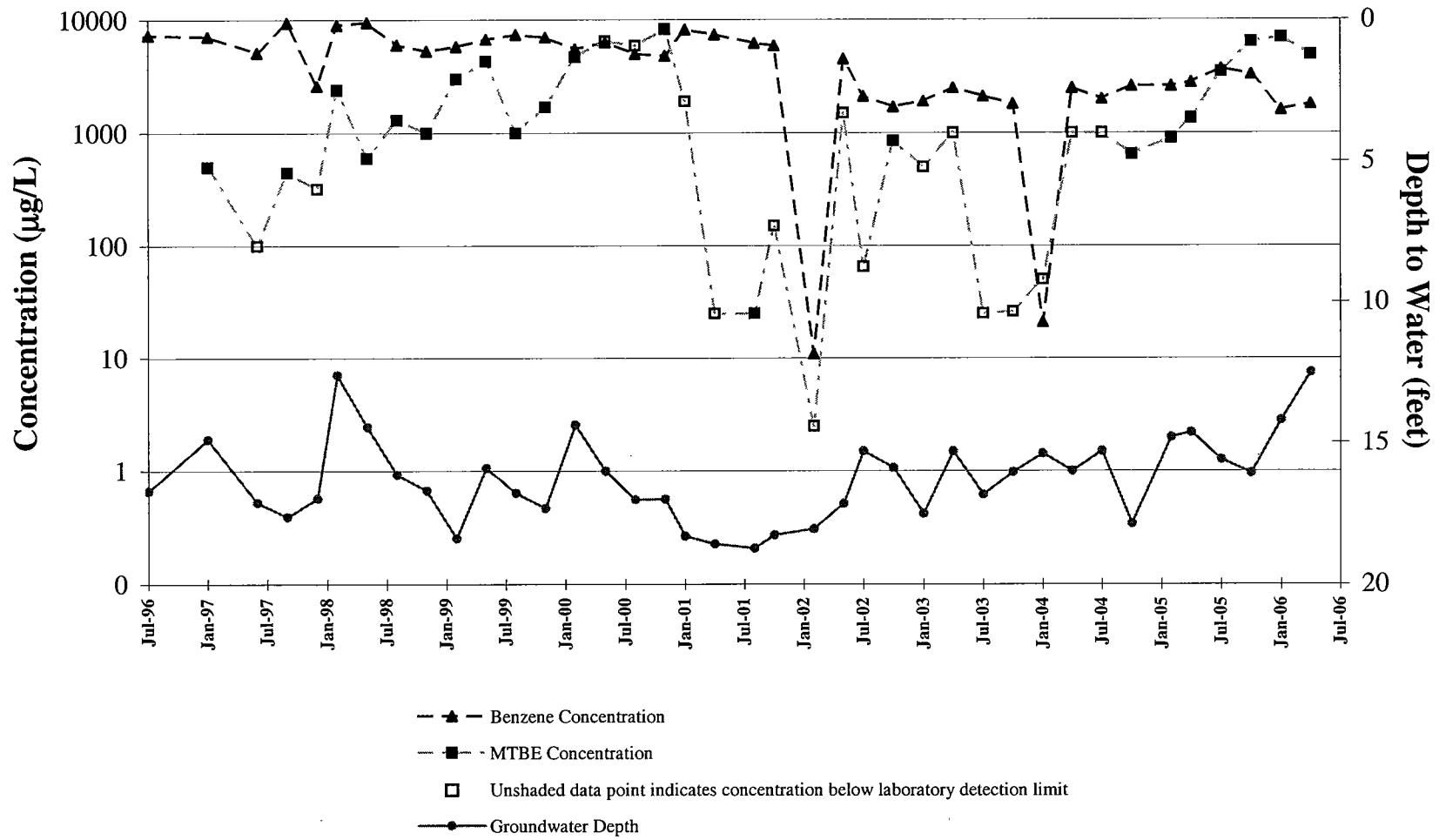
APPENDIX C

Benzene and MTBE Concentration Graphs

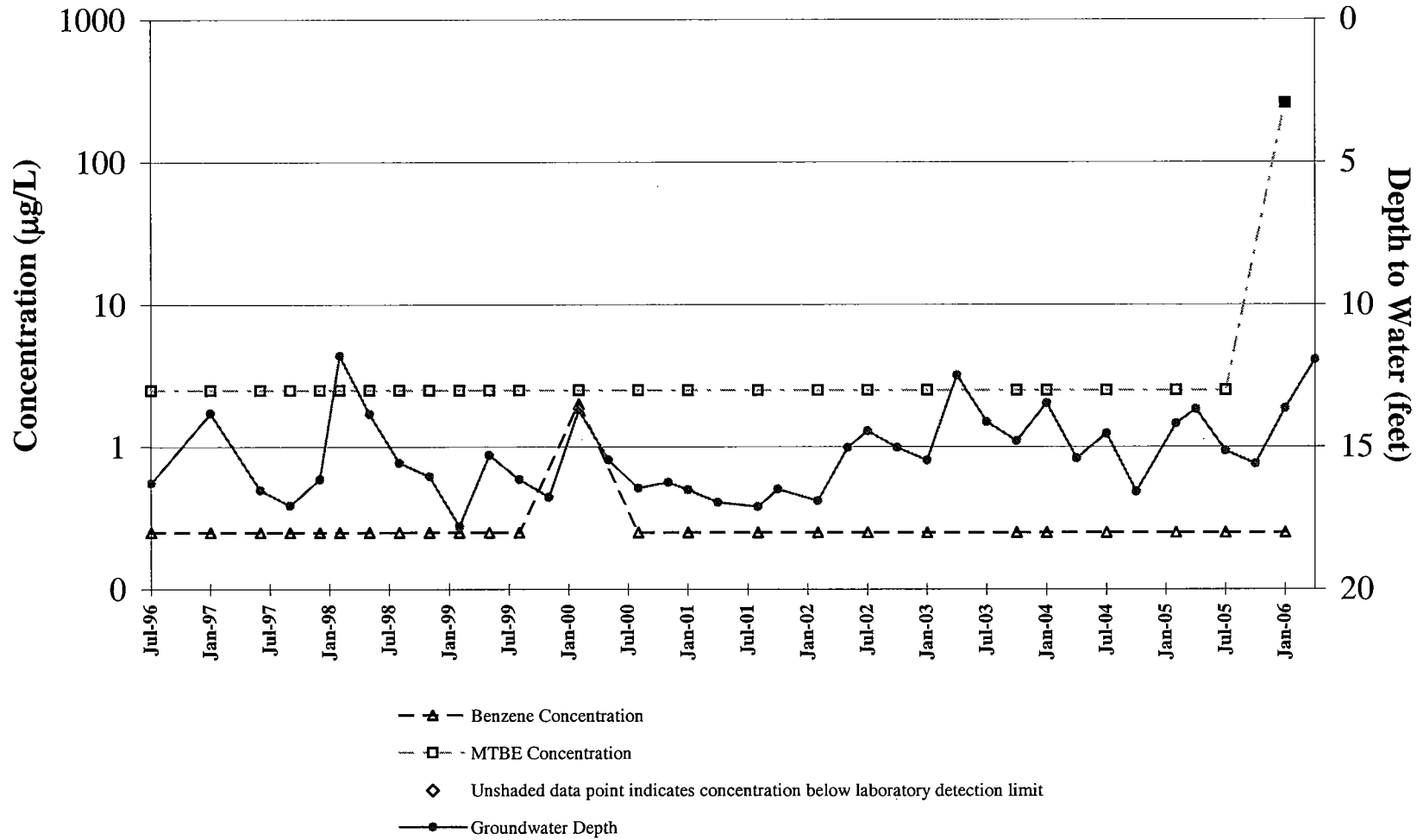
**Monitoring Well MW-1
Benzene and MTBE Concentration Trends
Former ARCO Service Station, 706 Harrison Street, Oakland, CA**



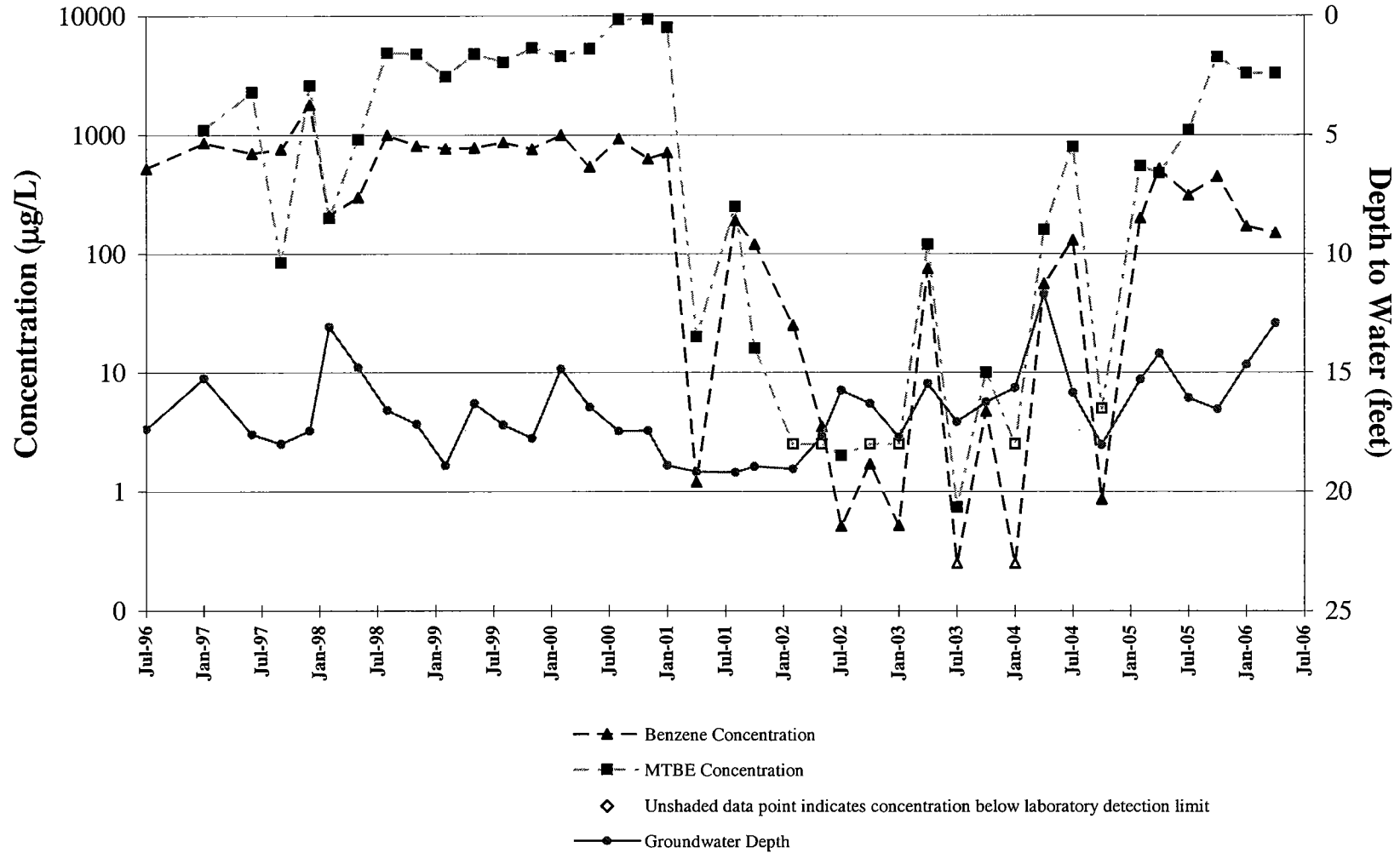
Monitoring Well MW-2 Benzene and MTBE Concentration Trends Former ARCO Service Station, 706 Harrison Street, Oakland, CA



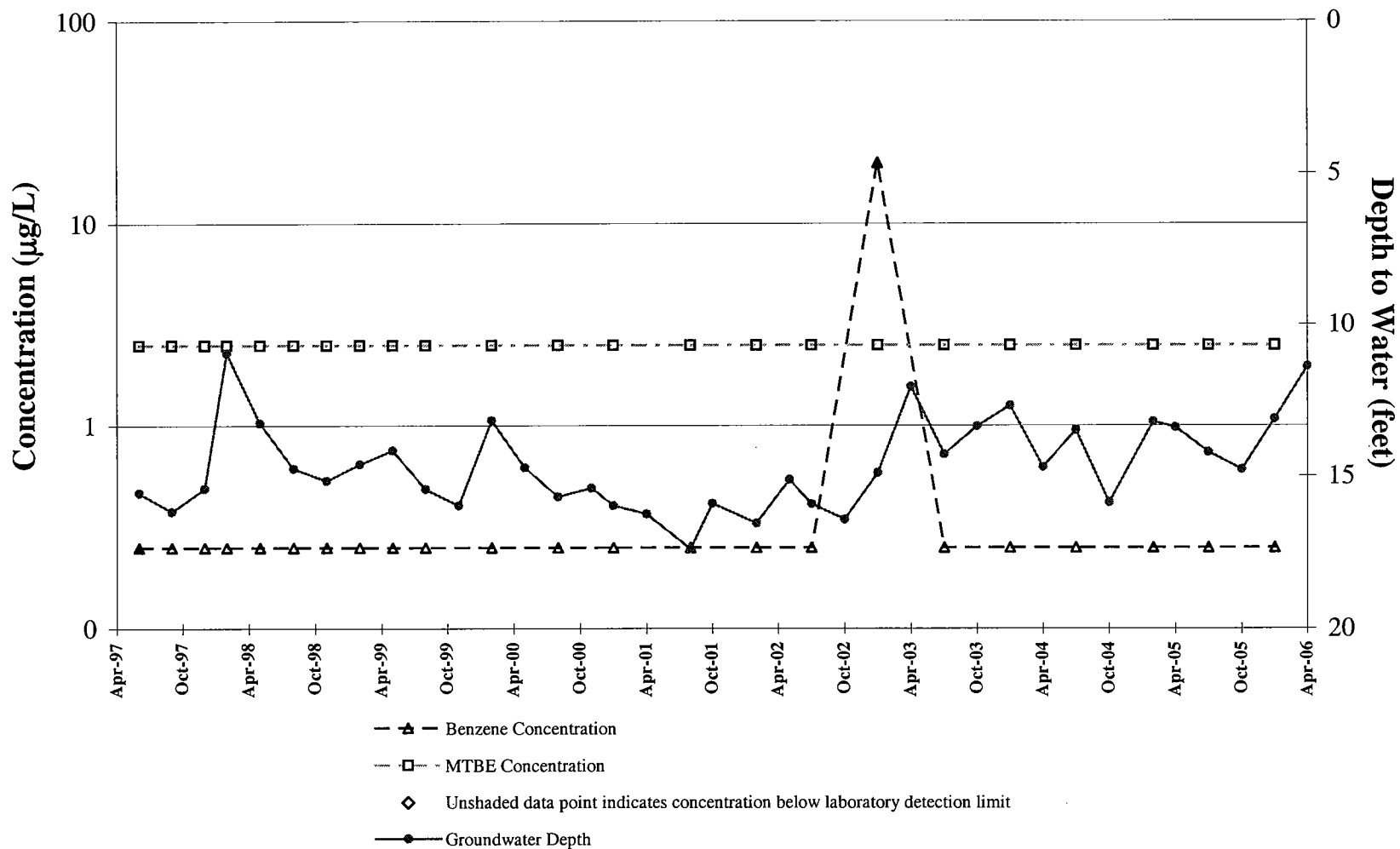
**Monitoring Well MW-3
Benzene and MTBE Concentration Trends
Former ARCO Service Station, 706 Harrison Street, Oakland, CA**



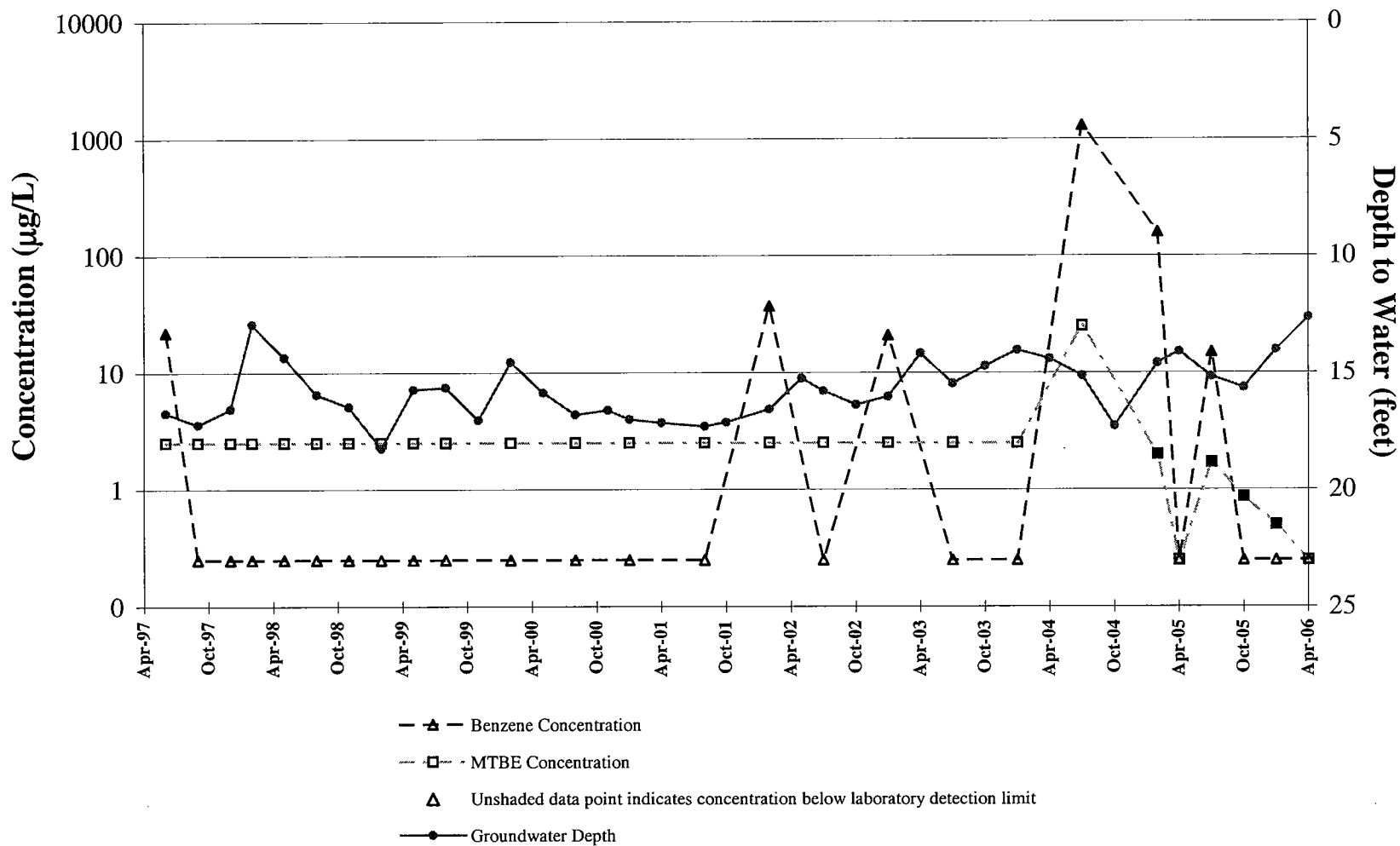
Monitoring Well MW-4 Benzene and MTBE Concentration Trends Former ARCO Service Station, 706 Harrison Street, Oakland, CA



Monitoring Well MW-5 Benzene and MTBE Concentration Trends Former ARCO Service Station, 706 Harrison Street, Oakland, CA



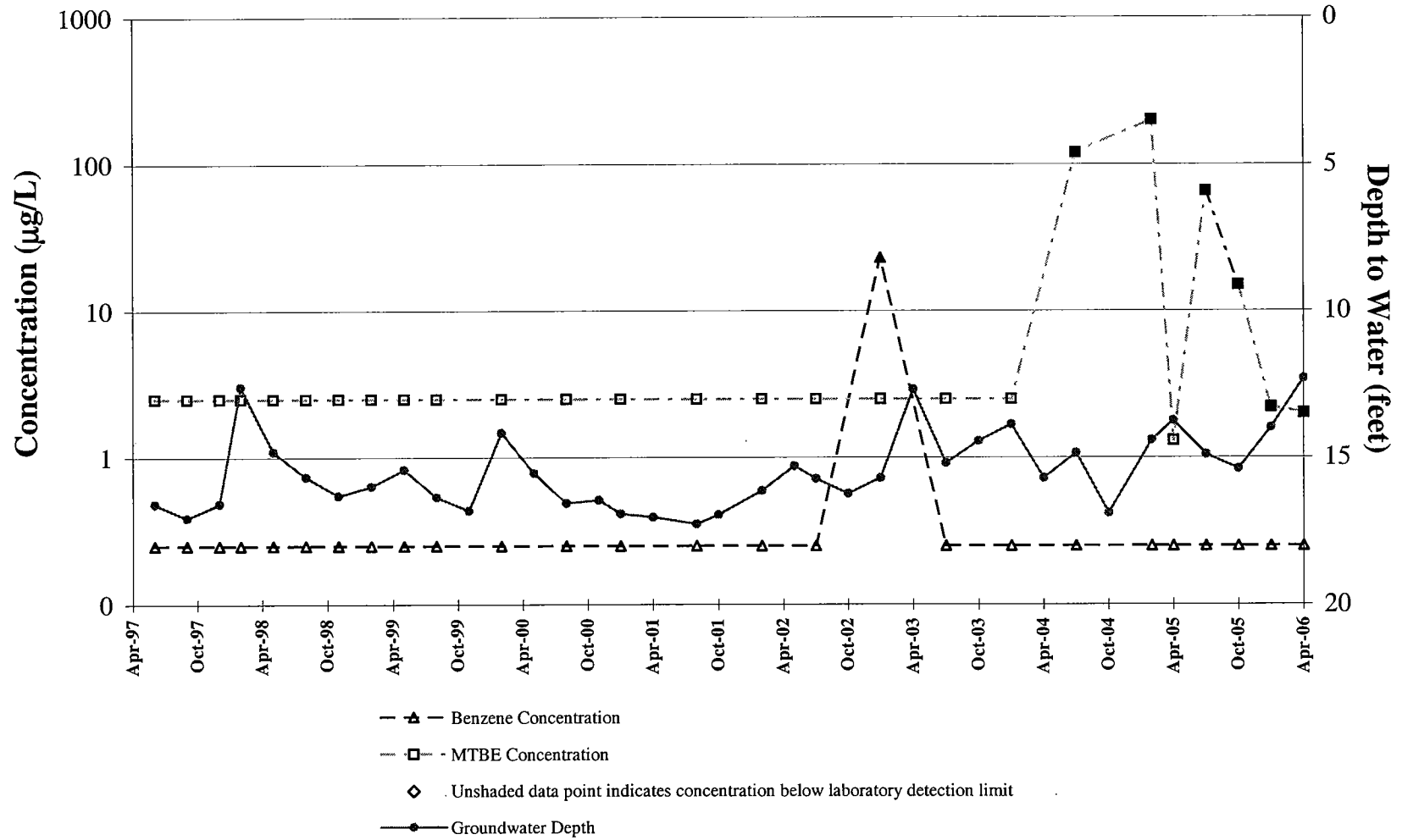
Monitoring Well MW-6 Benzene and MTBE Concentration Trends Former ARCO Service Station, 706 Harrison Street, Oakland, CA



Monitoring Well MW-7

Benzene and MTBE Concentration Trends

Former ARCO Service Station, 706 Harrison Street, Oakland, CA



APPENDIX D

Former Shell Station Groundwater Monitoring and Analytical Results

TABLE ONE
Groundwater Elevation Data
Yee Property
726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)	
MW-1	12/15/98	31.95*	17.32	14.63	
	3/4/99		15.52	16.43	
	6/17/99		16.9	15.05	
	8/27/99		17.39	14.56	
	12/9/99		18.03	13.92	
	3/7/00		15.11	16.84	
	6/7/00		16.66	15.29	
	10/11/00		18.08	13.87	
	1/18/01		17.96	13.99	
	4/5/01		16.35	15.60	
	7/17/01		16.94	15.01	
	10/5/01		28.98	17.35	11.63
	1/18/02			15.40	13.58
	4/11/02	15.76		13.22	
	7/8/02	16.17		12.81	
	10/9/02	16.72		12.26	
	1/29/03	16.26		12.72	
	4/11/03	16.56		12.42	
	7/18/03	16.42		12.56	
	10/9/03	16.88		12.10	
	1/28/04	16.10		12.88	
	4/7/04	15.43		13.55	
	7/23/04	16.41		12.57	
	10/12/04	17.73		11.25	
	1/29/05	15.02	13.96		
	4/28/05	14.99	13.99		
7/19/05	16.36	12.62			
10/18/05	17.82	11.16			
1/23/06	15.80	13.18			
4/12/06	13.24	15.74			
MW-2	12/15/98	32.40*	18.03	14.37	
	3/4/99		16.11	16.29	
	6/17/99		17.72	14.68	
	8/27/99	Inaccessible			
	12/9/99				
	3/7/00				
	6/7/00		17.67	14.73	
	10/11/00		18.91	13.49	
	1/18/01		18.66	13.74	
	4/5/01		16.97	15.43	
	7/17/01		17.54	14.86	
	10/5/01	29.44	17.98	11.46	
	1/18/02		15.87	13.57	
	4/11/02		16.36	13.08	
	7/8/02		16.72	12.72	
	10/9/02		17.33	12.11	
	1/29/03		16.82	12.62	
	4/11/03		17.15	12.29	
	7/18/03		17.05	12.39	
	10/9/03		17.52	11.92	
	1/28/04		16.70	12.74	
	4/7/04		16.02	13.42	
	7/23/04		Inaccessible		
	10/12/04			17.31	12.13
	1/29/05	15.46		13.98	
	4/28/05	15.79		13.65	
7/19/05	17.25	12.19			
10/18/05	17.72	11.72			
1/23/05	15.65	13.79			
4/12/06		NM			

TABLE ONE
Groundwater Elevation Data
Yee Property
726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)	
MW-3	12/15/98	31.61*	17.26	14.35	
	3/4/99		15.47	16.14	
	6/17/99		16.92	14.69	
	8/27/99		17.40	14.21	
	12/9/99		18.01	13.60	
	3/7/00		16.15	15.46	
	6/7/00		16.85	14.76	
	10/11/00		18.07	13.54	
	1/18/01		17.89	13.72	
	4/5/01		16.21	15.40	
	7/17/01	16.90	14.71		
	10/5/01	28.64	17.32	11.32	
	1/18/02		15.35	13.29	
	4/11/02		15.82	12.82	
	7/8/02		16.15	12.49	
	10/9/02		16.67	11.97	
	1/29/03		16.19	12.45	
	4/11/03		16.49	12.15	
	7/18/03		16.42	12.22	
	10/9/03		16.80	11.84	
	1/28/03		15.94	12.70	
	4/7/04		15.28	13.36	
	7/23/04		16.15	12.49	
	10/12/04		16.63	12.01	
	1/29/05		16.15	12.49	
4/28/05	14.94		13.70		
7/19/05	16.25	12.39			
10/18/05	16.76	11.88			
1/23/06	15.81	12.83			
4/12/06	13.22	15.42			
MW-4	12/15/98	32.53*	17.59	14.94	
	3/4/99		15.88	16.65	
	6/17/99		17.14	15.39	
	8/27/99		17.65	14.88	
	12/9/99		18.28	14.25	
	3/7/00		15.41	17.12	
	6/7/00		17.09	15.44	
	10/11/00		18.33	14.20	
	1/18/01		18.23	14.30	
	4/5/01		16.69	15.84	
	7/17/01	17.32	15.21		
	10/5/01	29.58	17.71	11.87	
	1/18/02		15.85	13.73	
	4/11/02		16.14	13.44	
	7/8/02		16.56	13.02	
	10/9/02		17.09	12.49	
	1/29/03		16.65	12.93	
	4/11/03		16.93	12.65	
	7/18/03		16.78	12.80	
	10/9/03		17.26	12.32	
	1/28/04		16.38	13.20	
	4/7/04		15.64	13.94	
	7/23/04		16.58	13.00	
	10/12/04		Inaccessible		
	1/29/05			14.90	14.68
4/28/05	15.18			14.40	
7/19/05	16.48	13.10			
10/18/05	16.99	12.59			
1/23/06	15.09	14.49			
4/12/06		13.49	16.09		

TABLE ONE
Groundwater Elevation Data
Yee Property
726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-5	8/29/01	29.06	17.42	11.64
	1/18/02		15.68	13.38
	4/11/02		16.17	12.89
	7/8/02		16.51	12.55
	10/9/02		17.10	11.96
	1/29/03		16.58	12.48
	4/11/03		16.87	12.19
	7/18/03		16.77	12.29
	10/9/03		17.21	11.85
	1/28/04		16.34	12.72
	4/7/04		15.38	13.68
	7/23/04		16.55	12.51
	10/12/04		17.02	12.04
	1/29/05		15.23	13.83
	4/28/05		15.41	13.65
	7/19/05		16.79	12.27
	10/18/05		17.28	11.78
1/23/06		15.28	13.78	
4/12/06		13.66	15.40	

* Top of casing elevation relative to arbitrary project datum

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
<u>MW-1</u>						
7/3/97	18,000	2,700	350	450	900	7,400
12/5/98	18,000	1,500	270	260	560	14,000
3/4/99	44,000	2,800	400	440	960	43,000
6/17/99	33,000	2,200	250	460	660	25,000
8/27/99	6,000	1,000	97	190	230	14,000/ 16,000*
12/9/99	15,000	1,500	160	220	420	17,000
3/7/00	9,300	1,500	210	66	530	12,000
6/7/00	26,000**	1,700	< 250	360	580	30,000
10/11/00	13,000**	1,600	< 100	140	160	19,000
1/18/01	14,000**	450	< 100	110	230	9,600
4/5/01	38,000	2,200	180	290	590	35,000
7/17/01	35,000**	1,800	< 100	300	170	35,000
10/5/01	17,000	1,500	210	420	790	27,000
1/18/02	18,000	1,500	120	160	220	22,000
4/11/02	41,000	2,700	210	340	380	30,000
7/8/02	36,000	2,800	140	360	300	31,000
10/9/02	30,000	1,700	310	< 100	< 100	19,000
1/29/03	26,000	2,400	< 100	310	520	20,000
4/11/03	22,000	1,700	< 100	270	580	16,000
7/18/03	40,000	3,200	290	480	830	39,000
10/9/03	54,000**	3,300	< 130	350	310	49,000
1/28/04	26,000***	3,000	310	420	800	31,000
4/7/04	33,000***	2,800	130	310	310	39,000
7/23/04	56,000***	4,500	< 250	390	< 500	53,000
10/12/04	25,000***	1,400	< 250	< 250	< 500	25,000
1/29/05	24,000	1,600	< 100	160	< 200	19,000
4/28/05	< 10,000	2,000	< 100	160	100	34,000
7/19/05	37,000	2,100	83	210	230	28,000
10/18/05	37,000	1,300	< 250	< 250	< 250	23,000
1/24/06	23,000	780	< 100	160	260	11,000

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
4/12/06	11,000	1,500	87	360	670	17,000
MW-2						
12/5/98	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5
3/4/99		Inaccessible due to car parked over well				
6/17/99	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5
8/27/99		Inaccessible due to car parked over well				
12/9/99		Inaccessible due to car parked over well				
3/7/00		Inaccessible due to car parked over well				
6/7/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
10/11/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/18/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
4/5/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
7/17/01		No longer sampled				

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
MW-3						
12/5/98	6,500***	< 50	50	60	50	3,900
3/4/99	2,800	< 25	< 25	< 25	< 25	1,600
6/17/99	1,000	< 10	< 10	< 10	< 10	1,400
8/27/99	230	< 0.5	0.51	0.5	1	1,500/ 1,600*
12/9/99	870**	< 0.5	< 0.5	< 0.5	< 0.5	2,100
3/7/00	150**	4	< 0.5	< 0.5	< 0.5	830
6/7/00	140**	< 0.5	< 0.5	< 0.5	< 0.5	1,100
10/11/00	620**	< 5.0	< 5.0	< 5.0	< 5.0	1,500
1/18/01	1,200**	< 5.0	< 5.0	< 5.0	< 5.0	1,000
4/5/01	1,700**	< 5.0	< 5.0	< 5.0	< 5.0	1,900
7/17/01	1,400**	< 10	< 10	< 10	< 10	1,700
10/5/01	< 1,000	< 10	< 10	< 10	< 10	1,700
1/18/02	1,600	26	20	16	54	2,100
4/11/02	2,600	21	16	< 10	21	2,300
7/8/02	2,800	< 10	< 10	< 10	< 10	3,800
10/9/02	6,000	< 50	< 50	< 50	< 50	4,900
1/29/03	1,800	< 10	< 10	< 10	< 10	2,300
4/11/03	2,900	< 25	< 25	< 25	< 25	3,100
7/18/03	3,400	< 10	< 10	< 10	< 10	3,200
10/9/03	2,300	< 10	< 10	< 10	< 10	2,700
1/28/03	1,700**	< 10	< 10	< 10	< 10	2,900
4/7/04	2,700**	< 10	< 10	< 10	< 20	3,600
7/23/04	4,200**	< 25	< 25	< 25	< 50	4,900
10/12/04	5,000**	< 50	< 50	< 50	< 100	5,900
1/29/05	< 1,000	< 10	< 10	< 10	< 20	3,100
4/28/05	< 200	< 2.0	< 2.0	< 2.0	< 2.0	1,300
7/19/05	4,400	< 20	< 20	< 20	< 40	3,000
10/18/05	18,000	< 50	< 50	< 50	< 50	6,800
1/24/06	17,000	< 100	< 100	< 100	< 200	7,000
4/12/06	< 200	< 2.0	< 2.0	< 2.0	< 2.0	7,800

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
MW-4						
12/5/98	880	3	< 0.5	< 0.5	< 0.5	950
3/4/99	3,800	< 25	< 25	< 25	< 25	3,700
6/17/99	2,700	< 25	< 25	< 25	< 25	2,700
8/27/99	440	4.7	1.1	0.58	1.3	1,600/ 1,700*
12/9/99	1,100**	< 2.5	< 2.5	< 2.5	< 2.5	1,700
3/7/00	< 250	< 2.5	< 2.5	< 2.5	< 2.5	1,700
6/7/00	530**	8.8	< 2.5	< 2.5	< 2.5	440
10/11/00	700**	3.9	< 2.5	< 2.5	< 2.5	680
1/18/01	2,000**	< 2.5	< 2.5	< 2.5	< 2.5	780
4/5/01	810**	< 2.5	< 2.5	< 2.5	< 2.5	620
7/17/01	880**	< 2.5	< 2.5	< 2.5	< 2.5	570
10/5/01	550**	< 2.5	< 2.5	< 2.5	< 2.5	710
1/18/02	960**	< 5.0	< 5.0	< 5.0	< 5.0	1,300
4/11/02	1,100**	< 5.0	< 5.0	< 5.0	< 5.0	550
7/8/02	1,200**	< 5.0	< 5.0	< 5.0	< 5.0	890
10/9/02	1,300**	< 5.0	< 5.0	< 5.0	< 5.0	880
1/29/03	530**	< 1.0	< 1.0	< 1.0	< 1.0	190
4/11/03	690**	< 2.5	< 2.5	< 2.5	< 2.5	310
7/18/03	1,600**	< 10	< 10	< 10	< 10	1,300
10/9/03	1500***	< 10	< 10	< 10	< 10	1,400
1/28/04	1,200**	< 10	< 10	< 10	< 10	1,900
4/7/04	1,900**	< 10	< 10	< 10	< 20	2,200
7/23/04	1,800**	< 10	< 10	< 10	< 20	1,600
10/12/04		Inaccessible due to car parked over well				
1/29/05	< 1,300	< 13	< 13	< 13	< 25	3,900
4/28/05	510	< 1.5	< 1.5	< 1.5	< 1.5	510
7/19/05	5,400	< 50	< 50	< 50	< 100	2,700
10/18/05	10,000	< 50	< 50	< 50	< 50	9,000
1/24/06	10,000	< 100	< 100	< 100	< 200	8,300
4/12/06	250	< 1.5	< 1.5	4.6	< 1.5	11,000

TABLE THREE
Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
MW-5						
8/29/01	14,000	1,300	470	230	800	14,000
1/18/02	24,000	3,200	1,300	390	1,500	5,700
4/11/02	23,000	2,700	980	38	950	4,300
7/8/02	19,000	3,300	25	360	1,100	2,100
10/9/02	24,000	2,800	990	360	820	2,400
1/29/03	17,000	2,100	1,400	380	1,400	< 250
4/11/03	26,000	2,900	2,200	590	2,200	630
7/18/03	26,000	3,500	1,700	480	1,300	1,300
10/9/03	27,000	3,800	1,900	510	1,700	1,200
1/28/04	29,000	4,800	2,900	770	2,300	3,300
4/7/04	23,000	4,400	2,700	720	2,200	1,700
7/23/04	29,000	5,200	2,200	810	1,400	2,200
10/12/04	26,000	4,300	2,000	670	1,300	2,200
1/29/05	29,000	4,600	2,500	750	1,400	2,200
4/28/05	32,000	3,300	2,300	530	2,100	4,100
7/19/05	39,000	4,300	2,300	690	1,500	5,400
10/18/05	110,000	3,400	1,900	540	1,600	13,000
1/24/06	21,000	1,800	1,200	270	820	13,000
4/12/06	18,000	2,600	1,200	440	940	21,000
ESL	400	46	130	290	13	1,800

Notes:

* EPA Method 8020/EPA Method 8260 (MTBE confirmation)

** Hydrocarbon reported in the gasoline range does not match the laboratory gasoline standard

*** Sample contains a discrete peak in addition to gasoline

ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (July 2003)" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region.

Most current data is in **Bold**

Non-detectable concentrations noted by the less than sign (<) followed by the laboratory method reporting limit.