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September 11, 2006

Mr. Don Hwang
Alameda County Department of Environmental Health
UST Local Oversight Program
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Re: **Groundwater Monitoring Report - Third Quarter 2006**

Hooshi's Auto Service
1499 MacArthur Boulevard
Oakland, California 94602
Cambria Project #129-0741



Dear Mr. Hwang:

On behalf of Ms. Naomi Gatzke, Cambria Environmental Technology, Inc. (Cambria) prepared this *Groundwater Monitoring Report - Third Quarter 2006* for the referenced site. Presented in the report is a summary of the third quarter 2006 activities and results, closure request status, and a description of the anticipated fourth quarter 2006 activities.

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

Sincerely,
Cambria Environmental Technology, Inc.

Mark Jonas, P.G.
Senior Project Manager

Attachment: *Groundwater Monitoring Report - Third Quarter 2006*

cc: Ms. Naomi Gatzke, 1545 Scenicview Drive, San Leandro, CA 94577
Mr. Dennis Parfitt, State Water Resources Control Board, Division of Water Quality, P.O. Box 2231, Sacramento, CA 95812

**Cambria
Environmental
Technology, Inc.**

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

GROUNDWATER MONITORING REPORT - THIRD QUARTER 2006

Hooshi's Auto Service
1499 MacArthur Boulevard
Oakland, California 94602
Cambria Project #129-0741

September 11, 2006

Prepared for:

Ms. Naomi Gatzke
1545 Scenicview Drive
San Leandro, California 94577

Prepared by:

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

Written by:



Glenn Reiss
Senior Staff Geologist

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Mark Jonas, P.G.
Senior Project Manager



GROUNDWATER MONITORING REPORT - THIRD QUARTER 2006

Hooshi's Auto Service
1499 MacArthur Boulevard
Oakland, California 94602
Cambria Project #129-0741

September 11, 2006

**INTRODUCTION**

On behalf of Ms. Naomi Gatzke, Cambria Environmental Technology, Inc. (Cambria) prepared this *Groundwater Monitoring Report – Third Quarter 2006* for the referenced site. Presented in this report is a summary of the third quarter 2006 groundwater monitoring activities and results, closure request status, and a description of the anticipated fourth quarter 2006 activities.


Figure 1 presents recent groundwater elevations and selected hydrochemical data. Table 1 provides recent and historic groundwater level measurements, groundwater elevations, measurements of separate phase hydrocarbons (SPH), and hydrochemical data. Appendix A contains field data sheets for this monitoring event. Appendix B presents the laboratory analytical report for this monitoring event. Appendix C includes time-series plots of total petroleum hydrocarbons as gasoline (TPHg) and benzene concentrations, and groundwater elevations.

THIRD QUARTER 2006 ACTIVITIES**Monitoring Activities**

Field Activities: On July 14, 2006, Muskan Environmental Sampling (MES) conducted quarterly monitoring and sampling activities. MES measured well water levels in wells MW-1 through MW-6 and collected groundwater samples from monitoring wells MW-1, MW-2, and MW-5 in accordance with the sampling schedule. The groundwater depth measurements were submitted to the GeoTracker database.

Prior to groundwater sampling, groundwater levels were measured in all monitoring wells. Each monitoring well was then purged with a new disposable bailer before sampling. MES purged at least three well-casing volumes of groundwater from each sampled 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 provided in Appendix A.

Groundwater samples were collected with a new disposable bailer for each well, decanted into appropriate sampling containers supplied by the analytical laboratory. Samples were labeled, placed in protective foam sleeves, stored with water-based ice at or below 4 degrees Celsius and transported under a chain-of-custody (COC) to the laboratory. The COC 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 TPHg by modified United States Environmental Protection Agency (EPA) Method SW8015C; and benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tertiary-butyl ether (MTBE) by EPA Method SW8021B. The analytical laboratory report is included in Appendix B. Groundwater analytical results are provided in Table 1 and summarized on Figure 1. Analytical results were submitted to the GeoTracker database.

Monitoring Results

Groundwater Flow Direction and Gradient: Based on depth-to-water measurements collected during the monitoring event on July 14, 2006, groundwater generally appears to flow towards the southwest with mounding in the vicinity of the former underground storage tank (UST). The groundwater gradient and flow direction are consistent with historical data. The groundwater mounding in the vicinity of the former UST is also consistent with previous monitoring events. Depth-to-water and groundwater elevation data for the site are presented in Table 1.

Hydrocarbon Distribution in Groundwater: Hydrocarbons were detected in all three of the three sampled wells. The highest concentration of TPHg was detected in monitoring well MW-2, at 49,000 micrograms per liter ($\mu\text{g/L}$). The highest concentrations of BTEX compounds were also detected in monitoring well MW-2 at 340 $\mu\text{g/L}$, 140 $\mu\text{g/L}$, 1,600 $\mu\text{g/L}$, and 4,800 $\mu\text{g/L}$, respectively. No MTBE was detected in any of the sampled wells. Hydrocarbon concentrations were detected in well MW-1 for the first time since the third quarter of 2005. Hydrocarbon concentrations in wells MW-2 and MW-5 increased this quarter. Wells MW-3, MW-4, and MW-6 were not sampled this quarter. They are sampled annually during the fourth quarter.

ANTICIPATED FOURTH QUARTER 2006 ACTIVITIES

During a phone discussion between Mr. Don Hwang of ACEHD and Matt Meyers of Cambria, Mr. Hwang recommended continuing quarterly monitoring. As a result, Cambria will continue monitoring activities according to the approved monitoring schedule through 2006, pending ACEHD's consideration.

Monitoring Activities

During the fourth quarter 2006, Cambria will measure water levels and collect groundwater samples from monitoring wells MW-1 through MW-6, in accordance with the sampling schedule. Cambria will then prepare a groundwater monitoring report summarizing the monitoring activities and results.

Based on the sampling schedule, monitoring wells MW-1, MW-2, and MW-5 are sampled on a quarterly basis and monitoring wells MW-3, MW-4, and MW-6 are sampled during the fourth quarter on an annual basis. Groundwater samples are analyzed for TPHg by modified EPA Method SW8015C, with BTEX and MTBE analyzed by EPA Method SW8021B.



ATTACHMENTS

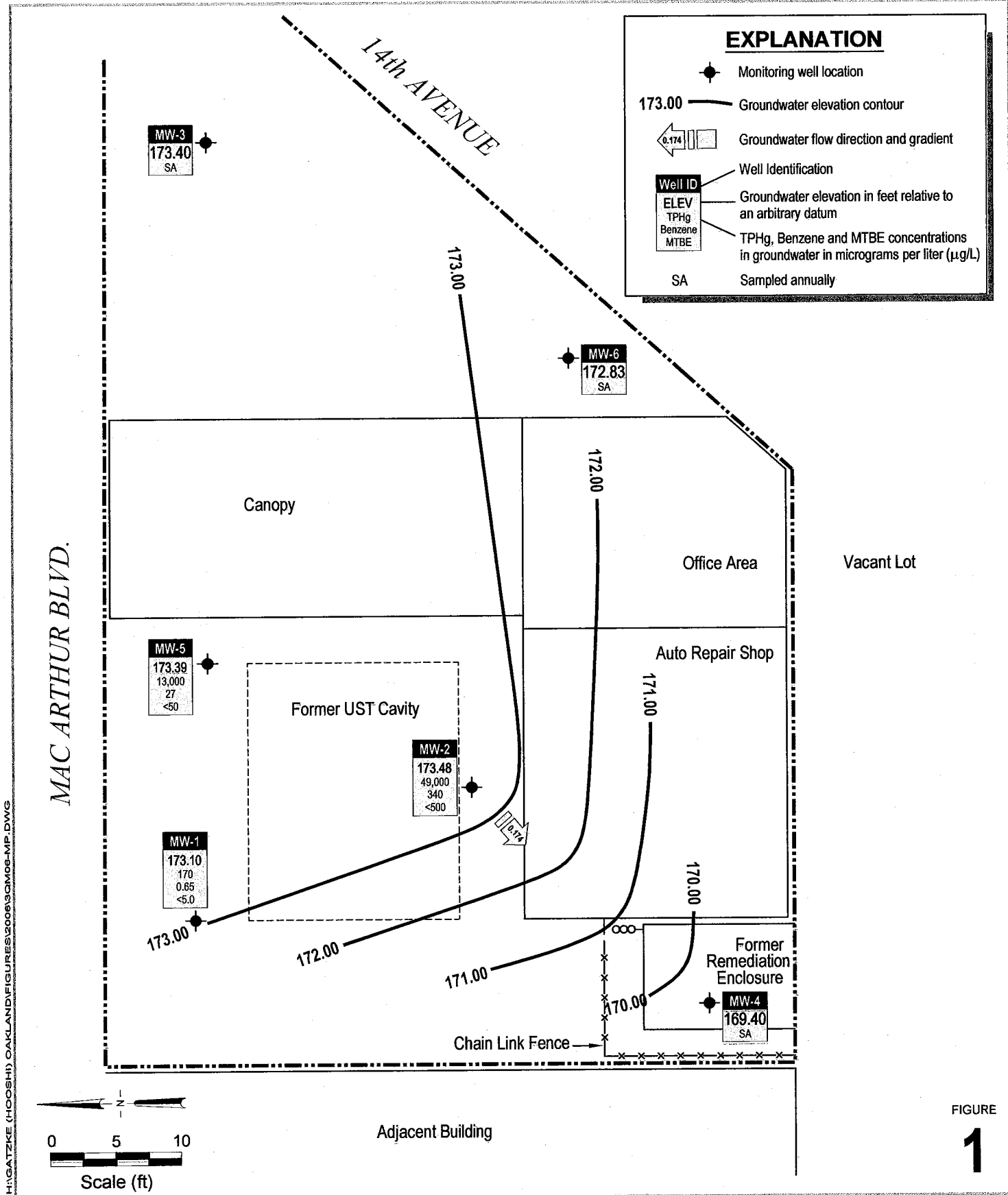
Figure 1 – Groundwater Elevation Contour and Hydrocarbon Concentration Map

Table 1 – Groundwater Elevation and Analytical Data

Appendix A – Groundwater Monitoring Field Data Sheets

Appendix B – Analytical Results for Groundwater Sampling

Appendix C – TPHg and Benzene Concentration Graphs



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Hooshi's Auto Service
 1499 MacArthur Boulevard
 Oakland, California



C A M B R I A

**Groundwater Elevation Contour
 and Hydrocarbon Concentration Map**

July 14, 2006

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Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID <i>TOC (ft*)</i>	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	TPHg	← (µg/L) →					Notes
						Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	
<i>MW-1 cont'd</i>	12/29/04	6.15	174.48	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	1/27/05	7.15	173.48	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	4/6/05	6.84	173.79	--	140	ND<0.5	0.55	ND<0.5	0.70	ND<5.0	c
	7/28/05	7.36	173.27	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	10/14/05	7.51	173.12	--	220	1.2	ND<0.5	0.56	0.75	ND<5.0	a
	1/30/06	6.80	173.83	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	4/11/06	6.60	174.03	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	7/14/06	7.53	173.10	--	170	0.65	0.60	ND<0.5	ND<0.5	ND<5.0	a
<i>MW-2</i>	1/4/93	--	--	--	149,000	21,700	25,000	ND	7,760	--	
<i>180.45</i>	4/22/93	--	--	--	136,300	9,900	15,870	15,300	2,190	--	
	12/27/94	--	--	--	94,000	11,000	18,000	2,700	16,000	--	
	6/27/96	12.61	168.64	1.00	--	--	--	--	--	--	
	12/10/96	11.10	169.55	0.25	--	--	--	--	--	--	
	5/8/98	10.81	169.66	0.03	--	--	--	--	--	--	
	8/17/98	12.16	168.31	0.02	--	--	--	--	--	--	
	11/4/98	12.61	167.86	0.02	--	--	--	--	--	--	
	2/17/99	9.82	170.66	0.04	--	--	--	--	--	--	
	5/27/99	11.07	169.48	0.13	--	--	--	--	--	--	
	8/19/99	12.79	167.68	0.02	--	--	--	--	--	--	
<i>180.24</i>	11/23/99	12.14	168.20	0.12	--	--	--	--	--	--	
	2/17/00	10.01	170.37	0.18	--	--	--	--	--	--	
	5/9/00	10.88	169.38	0.03	--	--	--	--	--	--	
	8/15/00	12.28	167.97	0.01	--	--	--	--	--	--	
	12/1/00	8.03	172.21	--	260,000	1,100	5,000	1,900	17,000	ND<100	a
	2/8/01	7.86	172.38	--	2,900	1.7	14	5.0	140	ND<5.0	c,d
	4/9/01	7.95	172.29	--	--	--	--	--	--	--	
	4/24/01	6.90	173.34	--	56,000	360	980	1,000	4,700	ND<5.0	a,b
	8/6/01	8.15	172.09	--	54,000	680	1,900	1,500	7,800	ID<200 (ND<100)	a,b,j
	10/22/01	8.22	172.02	--	32,000	420	770	1,100	4,100	ND<250	a,b
2/1/02	8.07	172.17	--	26,000	310	490	920	1,600	ND<1,000	a	

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Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID <i>TOC (ft*)</i>	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	TPHg	← (µg/L) →					Notes
						Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	
<i>MW-2 cont'd</i>	4/19/02	8.60	171.64	--	16,000	300	240	1,000	990	ND<100	a
	7/16/02	8.21	172.03	--	5,700	120	18	340	15	ND<50	a
	10/3/02	8.14	172.10	--	4,400	44	16	68	20	ND<25	a
	1/10/03	6.98	173.26	--	16,000	300	320	580	830	ND<100	a,b
	4/21/03	7.25	172.99	--	12,000	350	260	610	380	ND<50	a
	7/9/03	7.99	172.25	--	3,300	51	7.4	47	2.8	ND<17	a
	10/7/03	8.21	172.03	--	2,400	93	11	34	22	ND<50	a
	1/22/04	7.24	173.00	--	5,900	240	130	350	200	ND<50	a
	4/2/04	6.29	173.95	--	37,000	840	1,500	1,300	5,900	ND<500	a
	12/29/04	5.37	174.87	--	9,300	240	230	330	880	ND<50	a
	1/27/05	6.38	173.86	--	37,000	1,200	1,400	1,300	5,200	<250	a
	4/6/05	5.88	174.36	--	21,000	400	340	780	1,700	ND<100	a
	7/28/05	6.61	173.63	--	35,000	690	1,200	1,200	5,200	ND<500	a
	10/14/05	6.80	173.44	--	14,000	380	120	780	1,200	ND<100	a, b
	1/30/06	5.91	174.33	--	22,000	310	140	1,300	2,800	ND<50	a,b,i
	4/11/06	5.65	174.59	--	18,000	280	170	780	1,400	ND<250	a,b,i
	7/14/06	6.76	173.48	--	49,000	340	140	1,600	4,800	ND<500	a,b
<i>MW-3</i>	1/4/93	--	--	--	1,610	772	14	11	ND	--	
<i>179.94</i>	4/22/93	--	--	--	3,040	980	34	19	16	--	
	12/27/94	--	--	--	2,600	180	9.0	7.2	13	--	
	6/27/96	13.20	166.74	--	2,000	22	2.9	11	7.4	56	
	12/10/96	13.13	166.81	--	970	ND<0.5	ND<0.5	ND<0.5	ND<0.5	24	
	5/8/98	13.03	166.91	--	780	3.7	2.1	1.1	2.4	ND<32	a
	8/17/98	13.22	166.72	--	870	2.8	ND<0.5	ND<0.5	3.7	ND<5.0	b,c
	11/4/98	13.31	166.63	--	770	1.6	4.4	2.0	6.9	ND<30	c
	2/17/99	12.89	167.05	--	650	6.2	3.4	1.5	2.6	ND<5.0	b,c
	5/27/99	12.32	167.62	--	570	1.5	1.2	0.72	1.1	ND<20	a
	8/19/99	13.19	166.75	--	830	ND<0.5	1.9	ND<0.5	1.3	ND<20	c,d
<i>179.55</i>	11/23/99	13.26	166.29	--	900	ND<0.5	1.8	0.56	1.4	ND<20	c,d
	2/17/00	12.78	166.77	--	250	ND<0.5	1.5	ND<0.5	0.62	ND<5.0	d

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Well ID <i>TOC (ft*)</i>	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	TPHg	←————— (µg/L) —————→					Notes	
						Benzene	Toluene	Ethylbenzene	Xylenes	MTBE		
<i>MW-3 cont'd</i>	5/9/00	12.92	166.63	--	690	ND<0.5	2.1	0.85	1.6	ND<5.0	a	
	8/15/00	13.19	166.36	--	610	ND<0.5	2.3	0.75	1.2	ND<5.0	c,d	
	12/1/00	7.50	172.05	--	120	ND<0.5	0.90	0.65	0.62	ND<5.0	c,d	
	2/8/01	7.20	172.35	--	87	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	c,d	
	4/9/01	7.33	172.22	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/6/01	7.61	171.94	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	10/22/01	7.58	171.97	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	2/1/02	7.53	172.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8.5 (8.5)		
	4/19/02	7.95	171.60	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.0 (11)		
	7/16/02	7.68	171.87	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	20 (30)		
	10/3/02	7.78	171.77	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	1/10/03	6.91	172.64	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	19 (16)		
	sampled annually	4/21/03	7.21	172.34	--	--	--	--	--	--	--	
		7/9/03	8.05	171.50	--	--	--	--	--	--	--	
		10/7/03	8.19	171.36	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		1/22/04	7.13	172.42	--	--	--	--	--	--	--	
		4/2/04	5.73	173.82	--	--	--	--	--	--	--	
		12/29/04	4.88	174.67	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		1/27/05	5.80	173.75	--	--	--	--	--	--	--	
		4/6/05	5.49	174.06	--	--	--	--	--	--	--	
7/28/05		6.02	173.53	--	--	--	--	--	--	--		
10/14/05		6.11	173.44	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
1/30/06	5.45	174.10	--	--	--	--	--	--	--			
4/11/06	5.22	174.33	--	--	--	--	--	--	--			
	7/14/06	6.15	173.40	--	--	--	--	--	--	--		
MW-4	6/27/96	17.03	163.51	--	720	2	0.5	2.5	23	3.2		
180.54	12/10/96	8.50	172.04	--	80	2.4	ND<0.5	ND<0.5	6.6	ND<2.0		
	5/8/98	11.46	169.08	--	ND<50	0.60	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/17/98	13.98	166.56	--	ND<50	ND<0.5	ND<0.5	ND<0.5	0.5	ND<5.0		
	11/4/98	14.36	166.18	--	96	9.7	8.1	4.8	18	ND<5.0	a	

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Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID <i>TOC (ft*)</i>	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	TPHg ←	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE	Notes
MW-5	6/27/96	13.62	166.74	0.16	--	--	--	--	--	--	
180.23	12/10/96	13.26	167.77	1.00	--	--	--	--	--	--	
	5/8/98	13.15	167.11	0.04	--	--	--	--	--	--	
	8/17/98	13.36	166.89	0.02	--	--	--	--	--	--	
	11/4/98	13.52	166.73	0.02	--	--	--	--	--	--	
	2/17/99	13.02	167.23	0.02	--	--	--	--	--	--	
	5/27/99	13.80	166.71	0.35	--	--	--	--	--	--	
	8/19/99	13.45	166.86	0.10	--	--	--	--	--	--	
180.09	11/23/99	14.03	166.35	0.36	--	--	--	--	--	--	
	2/17/00	13.28	167.02	0.26	--	--	--	--	--	--	
	5/9/00	13.55	166.77	0.29	--	--	--	--	--	--	
	8/15/00	13.58	166.54	0.04	--	--	--	--	--	--	
	12/1/00	8.00	172.09	0.00	54,000	240	1,700	870	1,000	ND<300	c,d
180.04	2/8/01	7.88	172.16	0.00	33,000	63	420	120	4,500	ND<50	a,b
	4/9/01	7.97	172.07	0.00	--	--	--	--	--	--	
	4/24/01	7.00	173.04	0.00	3,200	ND<1.0	11	7	260	ND<5.0	c,d
	8/6/01	8.17	171.87	--	2,700	11	40	21	240	ND<5.0	a
	10/22/01	8.15	171.89	--	20,000	200	1,200	330	2,900	ND<100	a,b
	2/1/02	8.07	171.97	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	4/19/02	8.51	171.53	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	7/16/02	8.40	171.64	--	ND<50	ND<0.5	ND<0.5	ND<0.5	1.7	ND<5.0	
	10/3/02	8.18	171.86	--	15,000	94	830	460	2,200	ND<500	a
	1/10/03	6.95	173.09	--	290	ND<0.5	1.8	ND<0.5	17	ND<5.0	a
	4/21/03	7.18	172.86	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	7/9/03	7.95	172.09	--	ND<50	ND<0.5	ND<0.5	ND<0.5	2.7	ND<5.0	
	10/7/03	8.22	171.82	--	9,800	120	340	180	2,000	ND<50	a
1/22/04	7.18	172.86	--	250	ND<0.5	0.82	ND<0.5	29	ND<5.0	d	
4/2/04	6.23	173.81	--	4,300	6.3	18	59	750	ND<25	a	
12/29/04	5.27	174.77	--	72	ND<0.5	0.78	ND<0.5	6.5	ND<5.0	d	
1/27/05	6.25	173.79	--	3,300	<5.0	22	18	320	<50	a	
4/6/05	5.90	174.14	--	3,100	1.3	6.9	7.2	100	ND<10	c,d	

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Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID <i>TOC (ft*)</i>	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	← (µg/L) →						Notes	
					TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE		
<i>MW-5 cont'd</i>	7/28/05	6.50	173.54	--	18,000	53	230	130	2,100	ND<500	a	
	10/14/05	6.65	173.39	--	23,000	140	370	240	2,100	ND<500	a, b	
	1/30/06	5.96	174.08	--	2,500	1.0	8.7	ND<1.0	130	ND<10	b,c,d	
	4/11/06	5.63	174.41	--	1,200	1.3	3.1	1.7	54	ND<5.0	a	
	7/14/06	6.65	173.39	--	13,000	27	66	30	480	ND<50	a,b	
<i>MW-6</i>	6/27/96	18.55	161.48	--	ND	ND	ND	ND	ND	--		
<i>180.03</i>	12/10/99	11.79	168.24	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0		
	5/8/98	11.62	168.41	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/17/98	12.66	167.37	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	11/4/98	13.56	166.47	--	68	3.8	3.7	2.8	11	ND<5.0	a	
	2/17/99	12.91	167.12	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	5/27/99	13.03	167.00	--	ND<50	1.0	1.7	0.82	4.9	ND<5.0		
	8/19/99	13.10	166.93	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	<i>179.63</i>	11/23/99	13.58	166.05	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		2/17/00	10.72	168.91	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		5/9/00	11.71	167.92	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		8/15/00	12.49	167.14	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		12/1/00	8.64	170.99	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		2/8/01	8.20	171.43	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
4/9/01		8.53	171.10	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
8/6/01		8.69	170.94	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
10/22/01		8.75	170.88	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
2/1/02		8.31	171.32	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
4/19/02	8.62	171.01	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0			
7/16/02	8.84	170.79	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0			
10/3/02	8.71	170.92	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0			
1/10/03	6.99	172.64	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	19 (16)			
sampled annually	4/21/03	7.15	172.48	--	--	--	--	--	--	--		
	7/9/03	7.98	171.65	--	--	--	--	--	--	--		
	10/7/03	8.28	171.35	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		

CAMBRIA

Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft**)	SPH Thickness (ft)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
<i>TOC (ft*)</i>					← (µg/L) →						
<i>MW-6 cont'd</i>	1/22/04	7.15	172.48	--	--	--	--	--	--	--	
	4/2/04	6.56	173.07	--	--	--	--	--	--	--	
	12/29/04	5.63	174.00	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	1/27/05	6.66	172.97	--	--	--	--	--	--	--	
	4/6/05	6.25	173.38	--	--	--	--	--	--	--	
	7/28/05	6.71	172.92	--	--	--	--	--	--	--	
	10/14/05	6.86	172.77	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	1/30/06	6.35	173.28	--	--	--	--	--	--	--	
	4/11/06	5.89	173.74	--	--	--	--	--	--	--	
	7/14/06	6.80	172.83	--	--	--	--	--	--	--	
Trip Blank	5/8/98	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	11/4/98	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	5/27/99	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	11/23/99	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	12/1/00	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	

CAMBRIA

Table 1. Groundwater Elevation and Analytical Data - Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)**	SPH Thickness (ft)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
						← (µg/L) →					

Abbreviations and Methods:

TOC = Top of casing elevation

ft = Measured in feet

SPH = Separate phase hydrocarbons

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C

Benzene, toluene, ethylbenzene, and xylenes by EPA Method SW8021B

MTBE = Methyl tertiary butyl ether by EPA Method SW8021B

(concentration in parentheses confirmed by EPA Method SW8260B)

µg/L = Micrograms per liter

-- = Not sampled, not analyzed, or not applicable

ND<0.5 = Not Detected (ND) above Detection Limit.

ND = Compound not detected, detection limit unknown

* = Wells surveyed to an arbitrary datum

** = Calculated groundwater elevation corrected for SPH by the relation: Groundwater Elevation = Well Elevation - Depth to Water + (0.8xSPH thickness (ft))

*** = Due to the air sparge system running during sampling, samples collected on 4/9/01 were anomalous. Well was resampled on 4/24/01 with the air sparge system off.

Analytical Laboratory Notes:

a - Unmodified or weakly modified gasoline is significant.

b - Lighter than water immiscible sheen is present.

c - No recognizable pattern on laboratory chromatogram.

d - Heavier gasoline range compounds are significant (aged gasoline?)

f - One to a few isolated non-target peaks present on laboratory chromatogram

i- Liquid sample contains greater than ~1 vol. % sediment

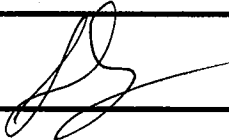
j - Sample diluted due to high organic content.

APPENDIX A

Groundwater Monitoring Field Data Sheets



WELL GAUGING SHEET

Client: Cambria Environmental Technology Inc.						
Site Address: 1499 MacArthur Boulevard, Oakland, CA						
Date: 7/14/2006			Signature: 			
Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	9:14		7.53		20.00	MW-2 strong odor, heavy sheen, MW-5 strong odor, sheen
MW-2	9:20		6.76		19.78	
MW-3	9:11		6.15		19.95	
MW-4	9:05		10.72		19.88	
MW-5	9:17		6.65		14.68	
MW-6	9:08		6.80		20.09	

APPENDIX B

Analytical Results for Groundwater Sampling



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #129-0741; Gatzke, Naomi Hooshi's	Date Sampled: 07/14/06
		Date Received: 07/14/06
	Client Contact: Matt Meyers	Date Reported: 07/20/06
	Client P.O.:	Date Completed: 07/20/06

WorkOrder: 0607219

July 20, 2006

Dear Matt:

Enclosed are:

- 1). the results of 3 analyzed samples from your #129-0741; Gatzke, Naomi Hooshi's 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. McC Campbell 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.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0607219

EPA Method: SW8021B/8015Cm		Extraction: SW5030B			BatchID: 22687			Spiked Sample ID: 0607214-001A		
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	101	99.6	1.60	99.5	100	0.567	70 - 130	70 - 130
MTBE	ND	10	117	111	5.29	118	116	2.08	70 - 130	70 - 130
Benzene	ND	10	98.5	95	3.62	102	98.8	3.46	70 - 130	70 - 130
Toluene	ND	10	91.4	88.9	2.74	94.7	93	1.79	70 - 130	70 - 130
Ethylbenzene	ND	10	93.8	94.3	0.566	100	98.6	1.47	70 - 130	70 - 130
Xylenes	ND	30	86.7	85.7	1.16	91	90.3	0.735	70 - 130	70 - 130
%SS:	105	10	102	99	2.81	104	100	4.33	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 22687 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0607219-001A	7/14/06 10:05 AM	7/20/06	7/20/06 8:26 AM	0607219-002A	7/14/06 10:55 AM	7/18/06	7/18/06 6:30 PM
0607219-003A	7/14/06 10:30 AM	7/18/06	7/18/06 8:17 PM				

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.

QA/QC Officer

McC Campbell Analytical, Inc.

CHAIN-OF-CUSTODY RECORD



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

WorkOrder: 0607219

ClientID: CETE

EDF: NO

Report to:

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

TEL: (510) 420-0700
FAX: (510) 420-9170
ProjectNo: #129-0741; Gatzke, Naomi Hooshi's
PO:

Bill to:

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

Requested TAT:

5 days

Date Received: 07/14/2006

Date Printed: 07/14/2006

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12			
0607219-001	MW-1	Water	7/14/06 10:05:00	<input type="checkbox"/>	A														
0607219-002	MW-2	Water	7/14/06 10:55:00	<input type="checkbox"/>	A														
0607219-003	MW-5	Water	7/14/06 10:30:00	<input type="checkbox"/>	A														

Test Legend:

1	G-MBTX_W	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

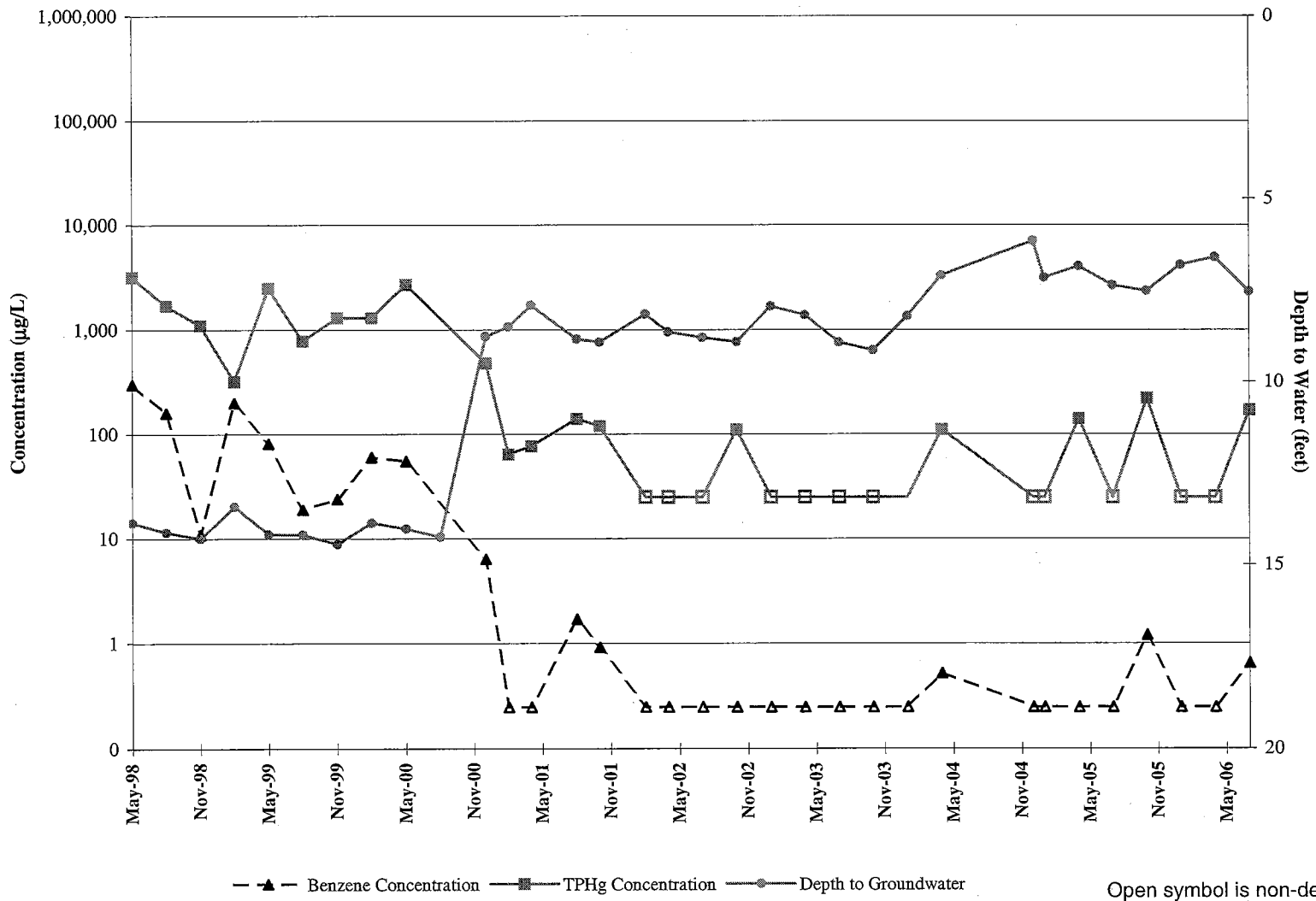
Comments:

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.

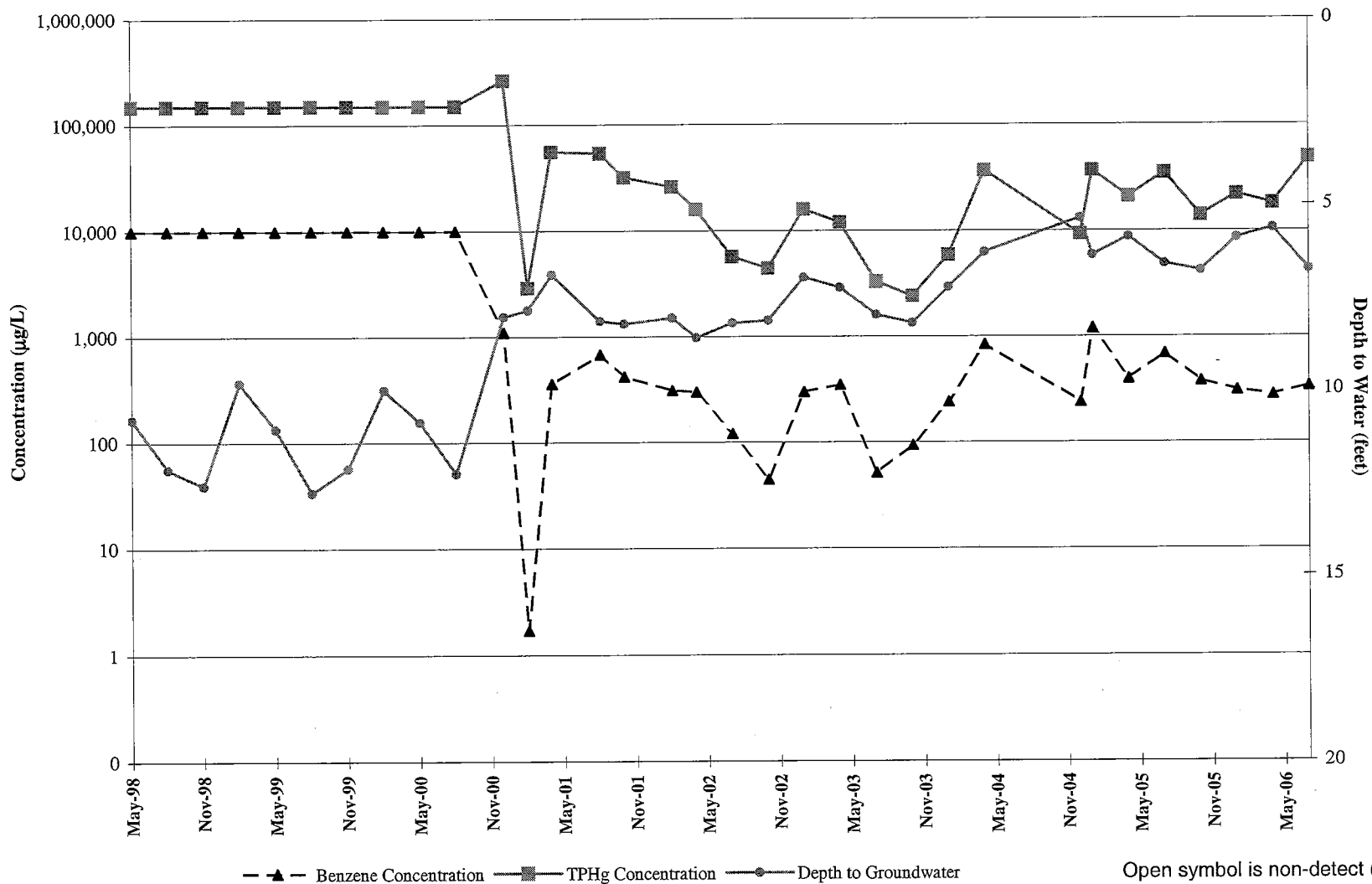
APPENDIX C

TPHg and Benzene Concentration Graphs

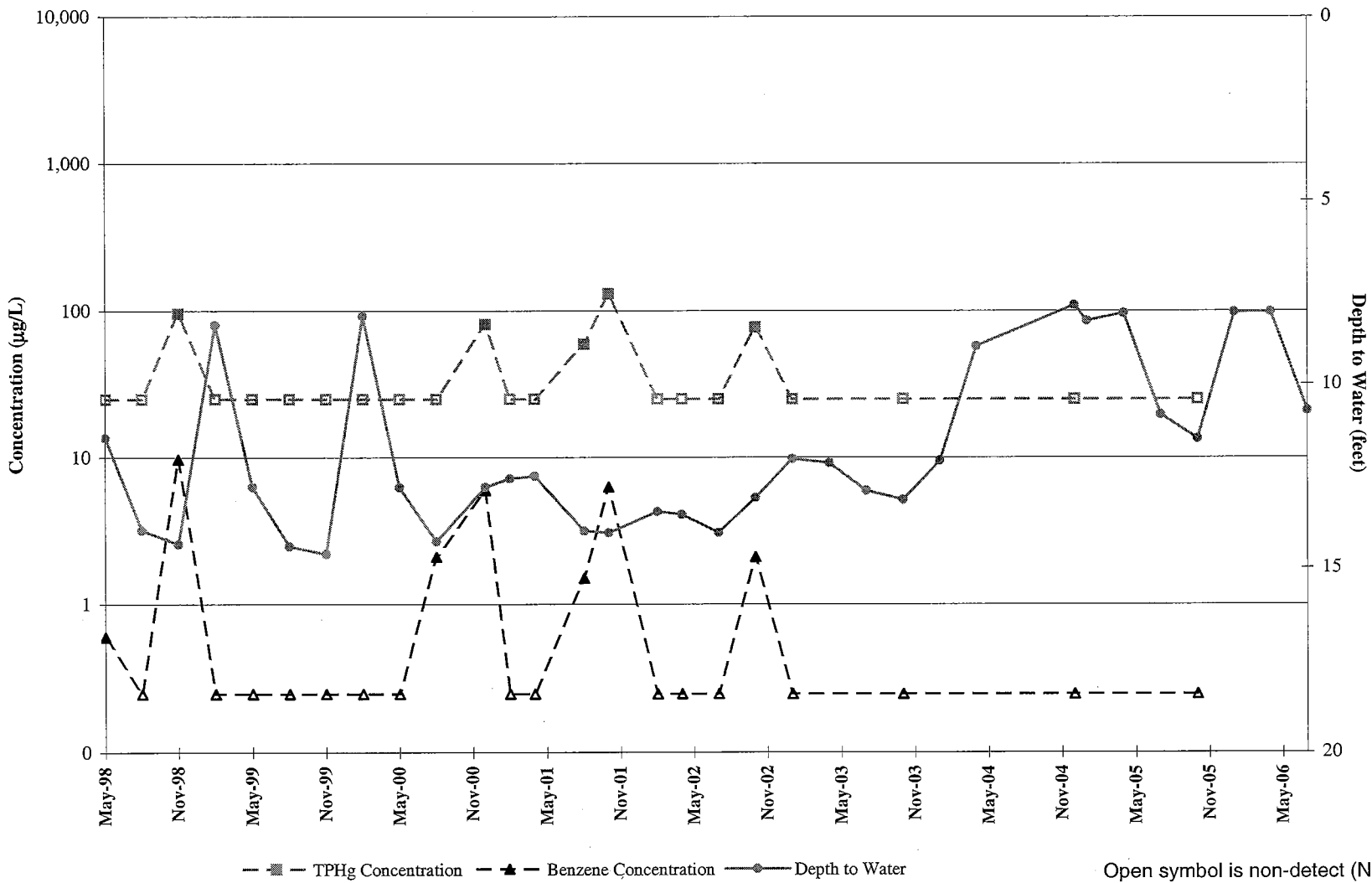
Monitoring Well MW-1
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA



**Monitoring Well MW-2
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA**



Monitoring Well MW-4
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA



**Monitoring Well MW-5
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA**

