

May 12, 2006

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

RECEIVED

By loprojectop at 8:50 am, May 16, 2006

Re: **Groundwater Monitoring Report - Second 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 – Second Quarter 2006* for the referenced site. Presented in the report is a summary of the second quarter 2006 activities and results, closure request status, and a description of the 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

Attachment: *Groundwater Monitoring Report - Second 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 - SECOND QUARTER 2006

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

May 12, 2006

Prepared for:

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

Prepared by:

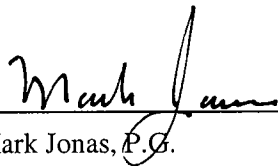
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

Written by:



Matthew A. Meyers
Project Geologist

Cambria Environmental Technology, Inc. (Cambria) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to Cambria from outside sources and/or in the public domain, and partially on information supplied by Cambria and its subcontractors. Cambria makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by Cambria. This document represents the best professional judgment of Cambria. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.



Mark Jonas, P.G.
Senior Project Manager



GROUNDWATER MONITORING REPORT - SECOND QUARTER 2006

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

May 12, 2006



INTRODUCTION

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

SECOND QUARTER 2006 ACTIVITIES

Monitoring Activities

Field Activities: On April 11, 2006, Muskan Environmental Sampling (MES) conducted quarterly monitoring and sampling activities. MES measured well water levels and collected groundwater samples from monitoring wells MW-1 through MW-6 in accordance with the sampling schedule. (Figure 1). 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 April 11, 2006, groundwater generally appears to flow towards the south with mounding in the vicinity of the former underground storage tank (UST), as seen on Figure 1. The groundwater gradient appears to increase to 0.125 feet/foot near the southern side of the site. 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 two (MW-2 and MW-5) of the three sampled wells. The highest concentration of TPHg was detected in monitoring well MW-2, at 18,000 micrograms per liter ($\mu\text{g/L}$). The highest concentrations of BTEX compounds were also detected in monitoring well MW-2 at 280 $\mu\text{g/L}$, 170 $\mu\text{g/L}$, 780 $\mu\text{g/L}$, and 1,400 $\mu\text{g/L}$, respectively. No hydrocarbons were detected in well MW-1. MTBE was not detected in any of the sampled monitoring wells. Hydrocarbon concentrations continued to be not detected in well MW-1 and have generally decreased in wells MW-2 and MW-5. Wells MW-3, MW-4, and MW-6 were not sampled this quarter. They are sampled annually during the fourth quarter.

CLOSURE REQUEST STATUS



Based on generally decreasing source area and hydrocarbon concentrations, along with delineation of the hydrocarbon plume, Cambria prepared a July 21, 2004 *Closure Request* and an October 6, 2004 *Clarifications Regarding Closure Request* for this apparently low risk groundwater site. On May 6, 2005 a *Petition for Closure* was submitted to the State Water Resources Control Board (SWRCB). According to a phone discussion with Mr. Kevin Graves of the SWRCB, we understand that there was a meeting between the Alameda County Environmental Health Department (ACEHD) and SWRCB regarding the status of the site and our petition for closure. It is our understanding that as a result of this meeting, ACEHD shall provide comments and recommendations for the site to eventually achieve regulatory closure.

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.

ANTICIPATED THIRD QUARTER 2006 ACTIVITIES

Monitoring Activities

During the third quarter 2006, Cambria will measure water levels from wells MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6 and collect groundwater samples from monitoring wells MW-1, MW-2, and MW-5, 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

EXPLANATION

-  Monitoring well location
- 174.00  Groundwater elevation contour
-  Groundwater flow direction and gradient
-  Well Identification
-  Groundwater elevation in feet relative to an arbitrary datum
-  TPHg, Benzene and MTBE concentrations in groundwater in micrograms per liter ($\mu\text{g/L}$)
- SA  Sampled annually

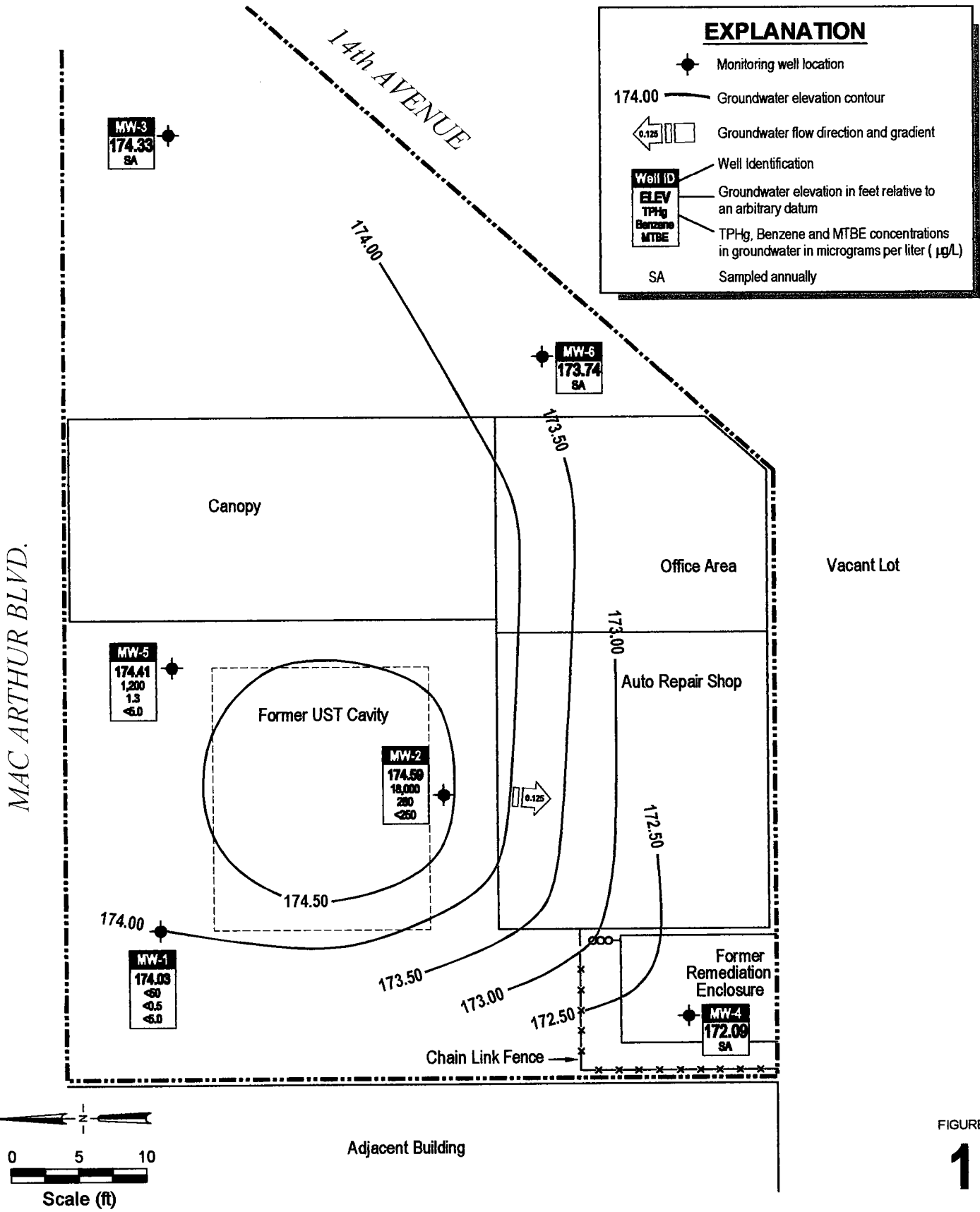
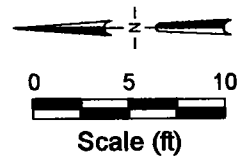


FIGURE 1



Hooshi's Auto Service
 1499 MacArthur Boulevard
 Oakland, California



**Groundwater Elevation Contour
 and Hydrocarbon Concentration Map**

April 11, 2006

H:\BATES\B (HOOSHI)\CALIFLAND\FIGURES\FIGURE\MF.DWG

CAMBRIA

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	
MW-1	1/4/1993	--	--	--	539	130	12	22	13	--	
181.00	4/22/1993	--	--	--	1,130	75	8.0	38	11	--	
	12/27/1994	--	--	--	770	22	6.6	14	21	--	
	6/27/1996	14.11	166.89	--	3,300	260	34	59	170	80	
	12/10/1996	13.71	167.29	--	1,500	84	11	22	32	34	
	5/8/1998	13.85	167.15	--	3,200	300	12	62	36	NDND<120	a
	8/17/1998	14.11	166.89	--	1,700	160	18	32	27	39	a
	11/4/1998	14.28	166.72	--	1,100	11	4.3	3.6	6.5	ND<50	a
	2/17/1999	13.41	167.59	--	320	200	47	72	75	57	a
	5/27/1999	14.16	166.84	--	2,500	81	12	29	41	ND<80	a
	8/19/1999	14.18	166.82	--	780	19	ND<0.5	5.7	4.5	28	a
180.83	11/23/1999	14.43	166.40	--	1,300	24	0.64	1.8	3.3	ND<100	a
	2/17/2000	13.85	166.98	--	1,300	60	9.1	22	19	22 (16)	a,b
	5/9/2000	14.01	166.82	--	2,700	55	13	19	25	34 (29)	a
	8/15/2000	14.24	166.59	--	--	--	--	--	--	--	
180.63	12/1/2000	8.75	172.08	--	480	6.4	5.9	1.1	3.9	18 (21)	a
	2/8/2001	8.49	172.14	--	64	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6.1 (5.6)	a,c
	4/9/2001	8.71	171.92	--	--	--	--	--	--	--	
	4/24/2001	7.90	172.73	--	77	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.6 (3.7)	c
	8/6/2001	8.83	171.80	--	140	1.7	0.55	ND<0.5	0.63	5.8 (4.0)	a
	10/22/2001	8.91	171.72	--	120	0.92	ND<0.5	ND<0.5	0.59	11(10)	a
	2/1/2002	8.15	172.48	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	4/19/2002	8.63	172.00	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	7/16/2002	8.79	171.84	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	10/3/2002	8.90	171.73	--	110	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	f
	1/10/2003	7.93	172.70	--	ND<50	ND<0.5	0.74	ND<0.5	ND<0.5	ND<5.0	
	4/21/2003	8.17	172.46	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	7/9/2003	8.92	171.71	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	10/7/2003	9.13	171.50	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	1/22/2004	8.20	172.43	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	4/2/2004	7.09	173.54	--	110	0.52	ND<0.5	ND<0.5	ND<0.5	ND<5.0	a

CAMBRIA

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-1 cont'd</i>	12/29/2004	6.15	174.48	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	1/27/2005	7.15	173.48	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
	4/6/2005	6.84	173.79	--	140	ND<0.5	0.55	ND<0.5	0.70	ND<5.0	c
	7/28/2005	7.36	173.27	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	10/14/2005	7.51	173.12	--	220	1.2	ND<0.5	0.56	0.75	ND<5.0	a
	1/30/2006	6.80	173.83	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	4/11/2006	6.60	174.03	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
MW-2	1/4/1993	--	--	--	149,000	21,700	25,000	ND	7,760	--	
<i>180.45</i>	4/22/1993	--	--	--	136,300	9,900	15,870	15,300	2,190	--	
	12/27/1994	--	--	--	94,000	11,000	18,000	2,700	16,000	--	
	6/27/1996	12.61	168.64	1.00	--	--	--	--	--	--	
	12/10/1996	11.10	169.55	0.25	--	--	--	--	--	--	
	5/8/1998	10.81	169.66	0.03	--	--	--	--	--	--	
	8/17/1998	12.16	168.31	0.02	--	--	--	--	--	--	
	11/4/1998	12.61	167.86	0.02	--	--	--	--	--	--	
	2/17/1999	9.82	170.66	0.04	--	--	--	--	--	--	
	5/27/1999	11.07	169.48	0.13	--	--	--	--	--	--	
	8/19/1999	12.79	167.68	0.02	--	--	--	--	--	--	
<i>180.24</i>	11/23/1999	12.14	168.20	0.12	--	--	--	--	--	--	
	2/17/2000	10.01	170.37	0.18	--	--	--	--	--	--	
	5/9/2000	10.88	169.38	0.03	--	--	--	--	--	--	
	8/15/2000	12.28	167.97	0.01	--	--	--	--	--	--	
	12/1/2000	8.03	172.21	--	260,000	1,100	5,000	1,900	17,000	ND<100	a
	2/8/2001	7.86	172.38	--	2,900	1.7	14	5.0	140	ND<5.0	c,d
	4/9/2001	7.95	172.29	--	--	--	--	--	--	--	
	4/24/2001	6.90	173.34	--	56,000	360	980	1,000	4,700	ND<5.0	a,b
	8/6/2001	8.15	172.09	--	54,000	680	1,900	1,500	7,800	ID<200 (ND<100)	a,b,j
	10/22/2001	8.22	172.02	--	32,000	420	770	1,100	4,100	ND<250	a,b
2/1/2002	8.07	172.17	--	26,000	310	490	920	1,600	ND<1,000	a	
4/19/2002	8.60	171.64	--	16,000	300	240	1,000	990	ND<100	a	

CAMBRIA

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>	7/16/2002	8.21	172.03	--	5,700	120	18	340	15	ND<50	a
	10/3/2002	8.14	172.10	--	4,400	44	16	68	20	ND<25	a
	1/10/2003	6.98	173.26	--	16,000	300	320	580	830	ND<100	a,b
	4/21/2003	7.25	172.99	--	12,000	350	260	610	380	ND<50	a
	7/9/2003	7.99	172.25	--	3,300	51	7.4	47	2.8	ND<17	a
	10/7/2003	8.21	172.03	--	2,400	93	11	34	22	ND<50	a
	1/22/2004	7.24	173.00	--	5,900	240	130	350	200	ND<50	a
	4/2/2004	6.29	173.95	--	37,000	840	1,500	1,300	5,900	ND<500	a
	12/29/2004	5.37	174.87	--	9,300	240	230	330	880	ND<50	a
	1/27/2005	6.38	173.86	--	37,000	1,200	1,400	1,300	5,200	<250	a
	4/6/2005	5.88	174.36	--	21,000	400	340	780	1,700	ND<100	a
	7/28/2005	6.61	173.63	--	35,000	690	1,200	1,200	5,200	ND<500	a
	10/14/2005	6.80	173.44	--	14,000	380	120	780	1,200	ND<100	a, b
	1/30/2006	5.91	174.33	--	22,000	310	140	1,300	2,800	ND<50	a,b,i
	4/11/2006	5.65	174.59	--	18,000	280	170	780	1,400	ND<250	a,b,i
	<i>MW-3</i>	1/4/1993	--	--	--	1,610	772	14	11	ND	--
<i>179.94</i>	4/22/1993	--	--	--	3,040	980	34	19	16	--	
	12/27/1994	--	--	--	2,600	180	9.0	7.2	13	--	
	6/27/1996	13.20	166.74	--	2,000	22	2.9	11	7.4	56	
	12/10/1996	13.13	166.81	--	970	ND<0.5	ND<0.5	ND<0.5	ND<0.5	24	
	5/8/1998	13.03	166.91	--	780	3.7	2.1	1.1	2.4	ND<32	a
	8/17/1998	13.22	166.72	--	870	2.8	ND<0.5	ND<0.5	3.7	ND<5.0	b,c
	11/4/1998	13.31	166.63	--	770	1.6	4.4	2.0	6.9	ND<30	c
	2/17/1999	12.89	167.05	--	650	6.2	3.4	1.5	2.6	ND<5.0	b,c
	5/27/1999	12.32	167.62	--	570	1.5	1.2	0.72	1.1	ND<20	a
	8/19/1999	13.19	166.75	--	830	ND<0.5	1.9	ND<0.5	1.3	ND<20	c,d
<i>179.55</i>	11/23/1999	13.26	166.29	--	900	ND<0.5	1.8	0.56	1.4	ND<20	c,d
	2/17/2000	12.78	166.77	--	250	ND<0.5	1.5	ND<0.5	0.62	ND<5.0	d
	5/9/2000	12.92	166.63	--	690	ND<0.5	2.1	0.85	1.6	ND<5.0	a
	8/15/2000	13.19	166.36	--	610	ND<0.5	2.3	0.75	1.2	ND<5.0	c,d

CAMBRIA

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-3 cont'd</i>	12/1/2000	7.50	172.05	--	120	ND<0.5	0.90	0.65	0.62	ND<5.0	c,d	
	2/8/2001	7.20	172.35	--	87	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	c,d	
	4/9/2001	7.33	172.22	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/6/2001	7.61	171.94	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	10/22/2001	7.58	171.97	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	2/1/2002	7.53	172.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8.5 (8.5)		
	4/19/2002	7.95	171.60	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.0 (11)		
	7/16/2002	7.68	171.87	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	20 (30)		
	10/3/2002	7.78	171.77	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	1/10/2003	6.91	172.64	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	19 (16)		
	sampled annually	4/21/2003	7.21	172.34	--	--	--	--	--	--	--	
		7/9/2003	8.05	171.50	--	--	--	--	--	--	--	
		10/7/2003	8.19	171.36	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		1/22/2004	7.13	172.42	--	--	--	--	--	--	--	
		4/2/2004	5.73	173.82	--	--	--	--	--	--	--	
		12/29/2004	4.88	174.67	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		1/27/2005	5.80	173.75	--	--	--	--	--	--	--	
		4/6/2005	5.49	174.06	--	--	--	--	--	--	--	
		7/28/2005	6.02	173.53	--	--	--	--	--	--	--	
		10/14/2005	6.11	173.44	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
1/30/2006	5.45	174.10	--	--	--	--	--	--	--			
4/11/2006	5.22	174.33	--	--	--	--	--	--	--			
MW-4	6/27/1996	17.03	163.51	--	720	2	0.5	2.5	23	3.2		
<i>180.54</i>	12/10/1996	8.50	172.04	--	80	2.4	ND<0.5	ND<0.5	6.6	ND<2.0		
	5/8/1998	11.46	169.08	--	ND<50	0.60	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/17/1998	13.98	166.56	--	ND<50	ND<0.5	ND<0.5	ND<0.5	0.5	ND<5.0		
	11/4/1998	14.36	166.18	--	96	9.7	8.1	4.8	18	ND<5.0	a	
	2/17/1999	8.39	172.15	--	ND<50	ND<0.5	ND<0.5	ND<0.5	0.5	ND<5.0		
	5/27/1999	12.80	167.74	--	ND<50	ND<0.5	1.0	ND<0.5	2.9	ND<5.0		
	8/19/1999	14.42	166.12	--	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 <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>180.12</i>	11/23/1999	14.63	165.49	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
<i>MW-4 cont'd</i>	2/17/2000	8.15	171.97	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	5/9/2000	12.81	167.31	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/15/2000	14.29	165.83	--	ND<50	2.1	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	12/1/2000	12.80	167.32	--	81	6.0	8.4	1.0	5.6	ND<5.0	a	
	2/8/2001	12.57	167.55	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	4/9/2001	12.50	167.62	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/6/2001	14.00	166.12	--	59	1.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	a	
	10/22/2001	14.05	166.07	--	130	6.3	ND<0.5	0.88	ND<0.5	ND<5.0	a	
	2/1/2002	13.47	166.65	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	4/19/2002	13.55	166.57	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	7/16/2002	14.05	166.07	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	10/3/2002	13.09	167.03	--	77	2.1	0.51	ND<0.5	ND<0.5	ND<5.0	a	
	1/10/2003	12.04	168.08	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	20 (15)	a	
	sampled annually	4/21/2003	12.15	167.97	--	--	--	--	--	--	--	
		7/9/2003	12.90	167.22	--	--	--	--	--	--	--	
		10/7/2003	13.15	166.97	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
1/22/2004		12.09	168.03	--	--	--	--	--	--	--		
4/2/2004		8.97	171.15	--	--	--	--	--	--	--		
12/29/2004		7.85	172.27	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
1/27/2005		8.28	171.84	--	--	--	--	--	--	--		
4/6/2005		8.07	172.05	--	--	--	--	--	--	--		
7/28/2005		10.83	169.29	--	--	--	--	--	--	--		
10/14/2005		11.49	168.63	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
1/30/2006		8.04	172.08	--	--	--	--	--	--	--		
4/11/2006	8.03	172.09	--	--	--	--	--	--	--			
MW-5	6/27/1996	13.62	166.74	0.16	--	--	--	--	--	--		
<i>180.23</i>	12/10/1996	13.26	167.77	1.00	--	--	--	--	--	--		
	5/8/1998	13.15	167.11	0.04	--	--	--	--	--	--		
	8/17/1998	13.36	166.89	0.02	--	--	--	--	--	--		

CAMBRIA

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-5 cont'd</i>	11/4/1998	13.52	166.73	0.02	--	--	--	--	--	--	
	2/17/1999	13.02	167.23	0.02	--	--	--	--	--	--	
	5/27/1999	13.80	166.71	0.35	--	--	--	--	--	--	
	8/19/1999	13.45	166.86	0.10	--	--	--	--	--	--	
<i>180.09</i>	11/23/1999	14.03	166.35	0.36	--	--	--	--	--	--	
	2/17/2000	13.28	167.02	0.26	--	--	--	--	--	--	
	5/9/2000	13.55	166.77	0.29	--	--	--	--	--	--	
	8/15/2000	13.58	166.54	0.04	--	--	--	--	--	--	
<i>180.04</i>	12/1/2000	8.00	172.09	0.00	54,000	240	1,700	870	1,000	ND<300	c,d
	2/8/2001	7.88	172.16	0.00	33,000	63	420	120	4,500	ND<50	a,b
	4/9/2001	7.97	172.07	0.00	--	--	--	--	--	--	
	4/24/2001	7.00	173.04	0.00	3,200	ND<1.0	11	7	260	ND<5.0	c,d
	8/6/2001	8.17	171.87	--	2,700	11	40	21	240	ND<5.0	a
	10/22/2001	8.15	171.89	--	20,000	200	1,200	330	2,900	ND<100	a,b
	2/1/2002	8.07	171.97	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	4/19/2002	8.51	171.53	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	7/16/2002	8.40	171.64	--	ND<50	ND<0.5	ND<0.5	ND<0.5	1.7	ND<5.0	
	10/3/2002	8.18	171.86	--	15,000	94	830	460	2,200	ND<500	a
	1/10/2003	6.95	173.09	--	290	ND<0.5	1.8	ND<0.5	17	ND<5.0	a
	4/21/2003	7.18	172.86	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	7/9/2003	7.95	172.09	--	ND<50	ND<0.5	ND<0.5	ND<0.5	2.7	ND<5.0	
	10/7/2003	8.22	171.82	--	9,800	120	340	180	2,000	ND<50	a
	1/22/2004	7.18	172.86	--	250	ND<0.5	0.82	ND<0.5	29	ND<5.0	d
	4/2/2004	6.23	173.81	--	4,300	6.3	18	59	750	ND<25	a
	12/29/2004	5.27	174.77	--	72	ND<0.5	0.78	ND<0.5	6.5	ND<5.0	d
1/27/2005	6.25	173.79	--	3,300	<5.0	22	18	320	<50	a	
4/6/2005	5.90	174.14	--	3,100	1.3	6.9	7.2	100	ND<10	c,d	
7/28/2005	6.50	173.54	--	18,000	53	230	130	2,100	ND<500	a	
10/14/2005	6.65	173.39	--	23,000	140	370	240	2,100	ND<500	a, b	
1/30/2006	5.96	174.08	--	2,500	1.0	8.7	ND<1.0	130	ND<10	b,c,d	
4/11/2006	5.63	174.41	--	--	1,200	1.3	3.1	1.7	54	ND<5.0	a

CAMBRIA

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	Concentration (µg/L)					Notes
						Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	
<i>MW-6 cont'd</i>	10/14/2005	6.86	172.77	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	1/30/2006	6.35	173.28	--	--	--	--	--	--	--	
	4/11/2006	5.89	173.74	--	--	--	--	--	--	--	
Trip Blank	5/8/1998	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	11/4/1998	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	5/27/1999	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	11/23/1999	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	12/1/2000	--	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	

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

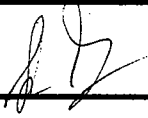
j - Sample diluted due to high organic content.

APPENDIX A

Groundwater Monitoring Field Data Sheets



WELL GAUGING SHEET

Client: Cambria Environmental Technology Inc.						
Site Address: 1499 MacArthur Boulevard Oakland, CA						
Date: 4/11/2006			Signature: 			
Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	9:00		6.60		20.00	MW-2 sheen and odor, MW-5 sheen
MW-2	9:10		5.65		19.76	
MW-3	8:55		5.22		19.95	
MW-4	8:45		8.03		19.87	
MW-5	9:05		5.63		14.69	
MW-6	8:50		5.89		20.10	

APPENDIX B

Analytical Results for Groundwater Sampling

CC COPY

 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: #129-0741; Hooshi's	Date Sampled: 04/11/06
		Date Received: 04/11/06
	Client Contact: Matt Meyers	Date Reported: 04/17/06
	Client P.O.:	Date Completed: 04/17/06

WorkOrder: 0604166

April 17, 2006

Dear Matt:

Enclosed are:

- 1). the results of 3 analyzed samples from your #129-0741; 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



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0604166

EPA Method: SW8021B/8015Cm		Extraction: SW5030B			BatchID: 21212			Spiked Sample ID: 0604165-006A		
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	105	2.24	94.2	96.1	1.95	70 - 130	70 - 130
MTBE	ND	10	86.1	96.4	11.3	103	104	0.967	70 - 130	70 - 130
Benzene	ND	10	91	97.5	6.91	86.7	92.1	6.11	70 - 130	70 - 130
Toluene	ND	10	97	97.9	0.888	94	99.5	5.70	70 - 130	70 - 130
Ethylbenzene	ND	10	103	107	3.90	96.6	101	4.20	70 - 130	70 - 130
Xylenes	ND	30	95.7	100	4.43	90.3	94	3.98	70 - 130	70 - 130
%SS:	103	10	105	108	3.08	106	109	2.71	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 21212 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0604166-001A	4/11/06 9:40 AM	4/12/06	4/12/06 8:31 PM	0604166-002A	4/11/06 10:30 AM	4/12/06	4/12/06 2:19 AM
0604166-003A	4/11/06 10:05 AM	4/12/06	4/12/06 10:10 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



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

WorkOrder: 0604166

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: #129-0741; Hooshi's
 PO:

Bill to:

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

Requested TAT:

5 days

Date Received: 04/11/2006

Date Printed: 04/11/2006

Sample ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)													
					1	2	3	4	5	6	7	8	9	10	11	12		
0604166-001	MW-1	Water	4/11/06 9:40:00 AM	<input type="checkbox"/>	A	A												
0604166-002	MW-2	Water	4/11/06 10:30:00	<input type="checkbox"/>	A													
0604166-003	MW-5	Water	4/11/06 10:05:00	<input type="checkbox"/>	A													

Test Legend:

1	G-MBTX_W	2	PREDF REPORT	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.

0604166

McCAMPBELL ANALYTICAL, INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560

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 #: 129-0741 Project Name: Hooshing
Project Location: 1499 MacArthur Blvd. Oakland, CA
Sampler Signature: Muskan Environmental Sampling MS

Analysis Request

Other Comments

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED									
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other						
MW-1		4-11-06	9:40	3	VOA	X					X	X								
MW-2			10:30	1																
MW-5			10:05	1																
TB		*		1		X					X	X								

- MTBE / BTEX & TPH as Gas (682 / 8021 + 8015)
- MTBE / BTEX ONLY (EPA 602 / 8021)
- TPH as Diesel / Motor Oil (8015)
- Total Petroleum Oil & Grease (1664 / 5520 EDB&F)
- Total Petroleum Hydrocarbons (418.1)
- EPA 502.2 / 601 / 8010 / 8021 (HYOCs)
- EPA 505 / 608 / 8081 (CI Pesticides)
- EPA 606 / 8062 PCB's ONLY; Aroclors / Congeners
- EPA 507 / 8141 (NP Pesticides)
- EPA 515 / 8151 (Acidic CI Herbicides)
- EPA 524.2 / 624 / 8268 (VOCs)
- Fuel Additives (MTBE, ETBE, TAME, DPEE, TBA, 1,2-DCA, 1,2-EDB, ethanol) by 8260B
- TPHg by 8015 M
- VOCs and fuel additives by 8260
- TPHg / BTEX (8015 / 8020)

confirm all MTBE/ETBE by 8015

Filter Samples for Metals analysis: Yes / No

Hold

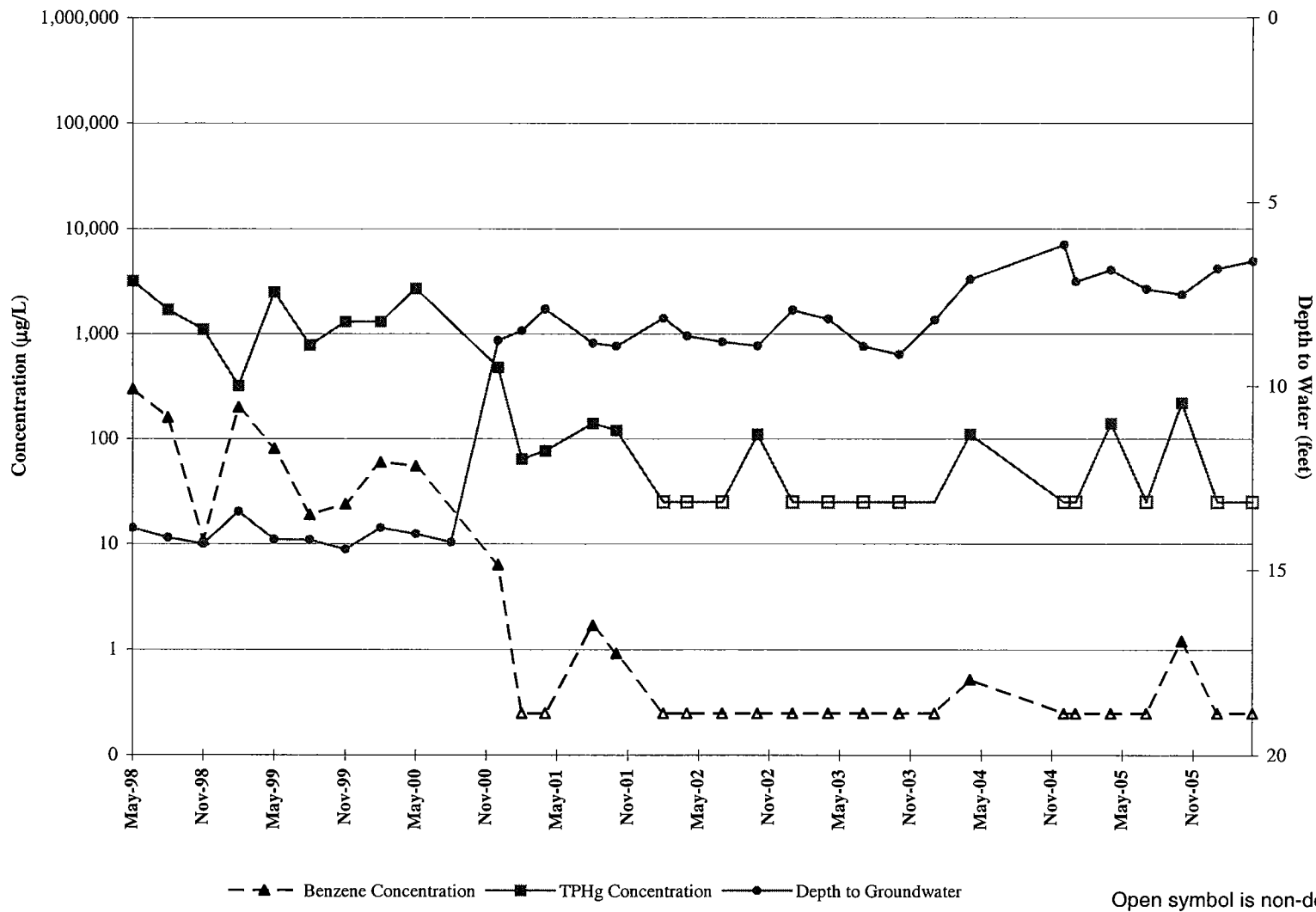
Relinquished By: [Signature] Date: 4/11/06 Time: 12:09 Received By: [Signature]
Relinquished By: _____ Date: _____ Time: _____ Received By: _____

GOOD CONDITION APPROPRIATE CONTAINERS PRESERVED IN LAB
HEAD SPACE ABSENT
DECHLORINATED IN LAB
PRESERVATION VOAS O&G METALS OTHER

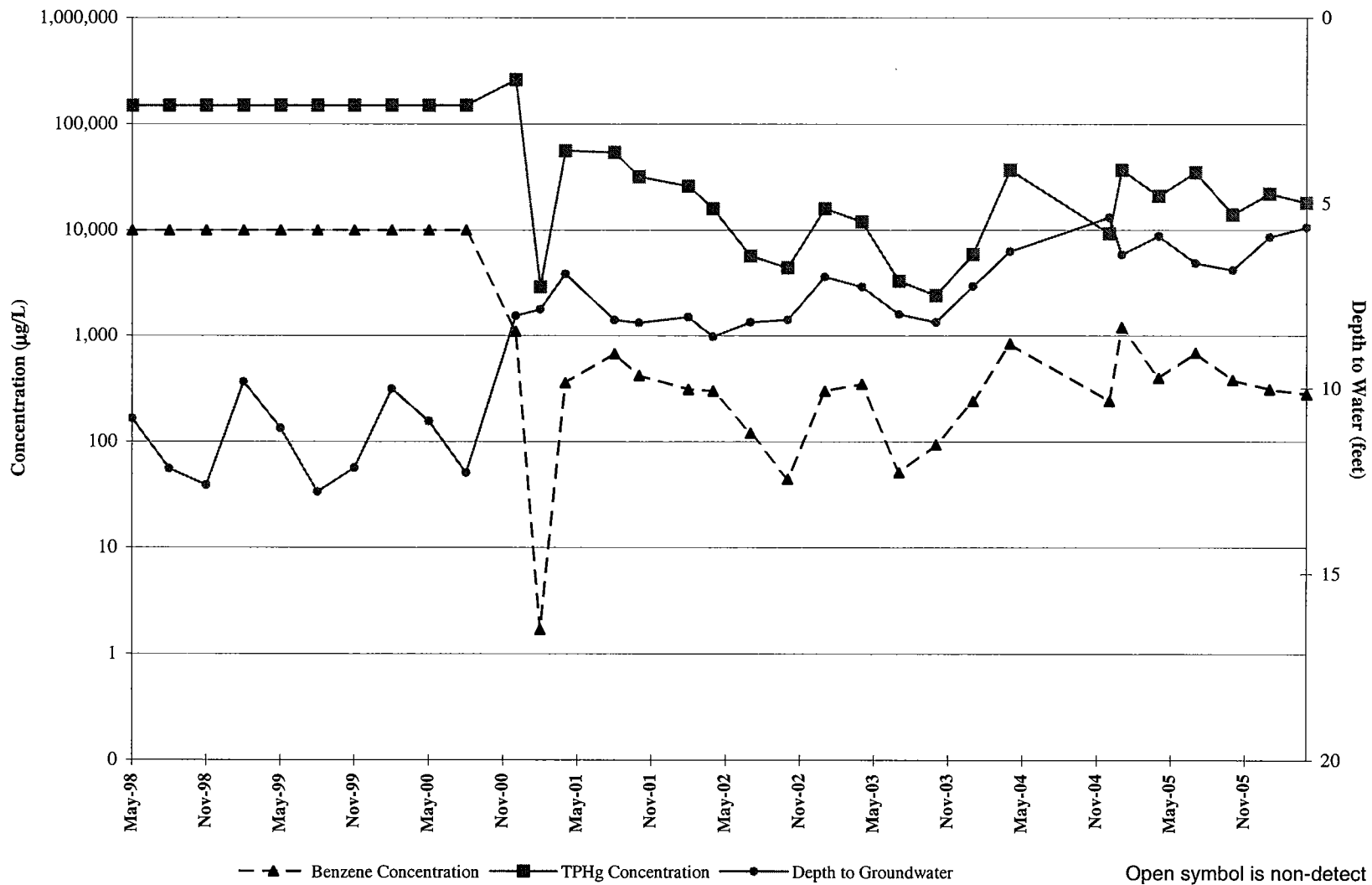
APPENDIX C

TPHg and Benzene Concentration Graphs

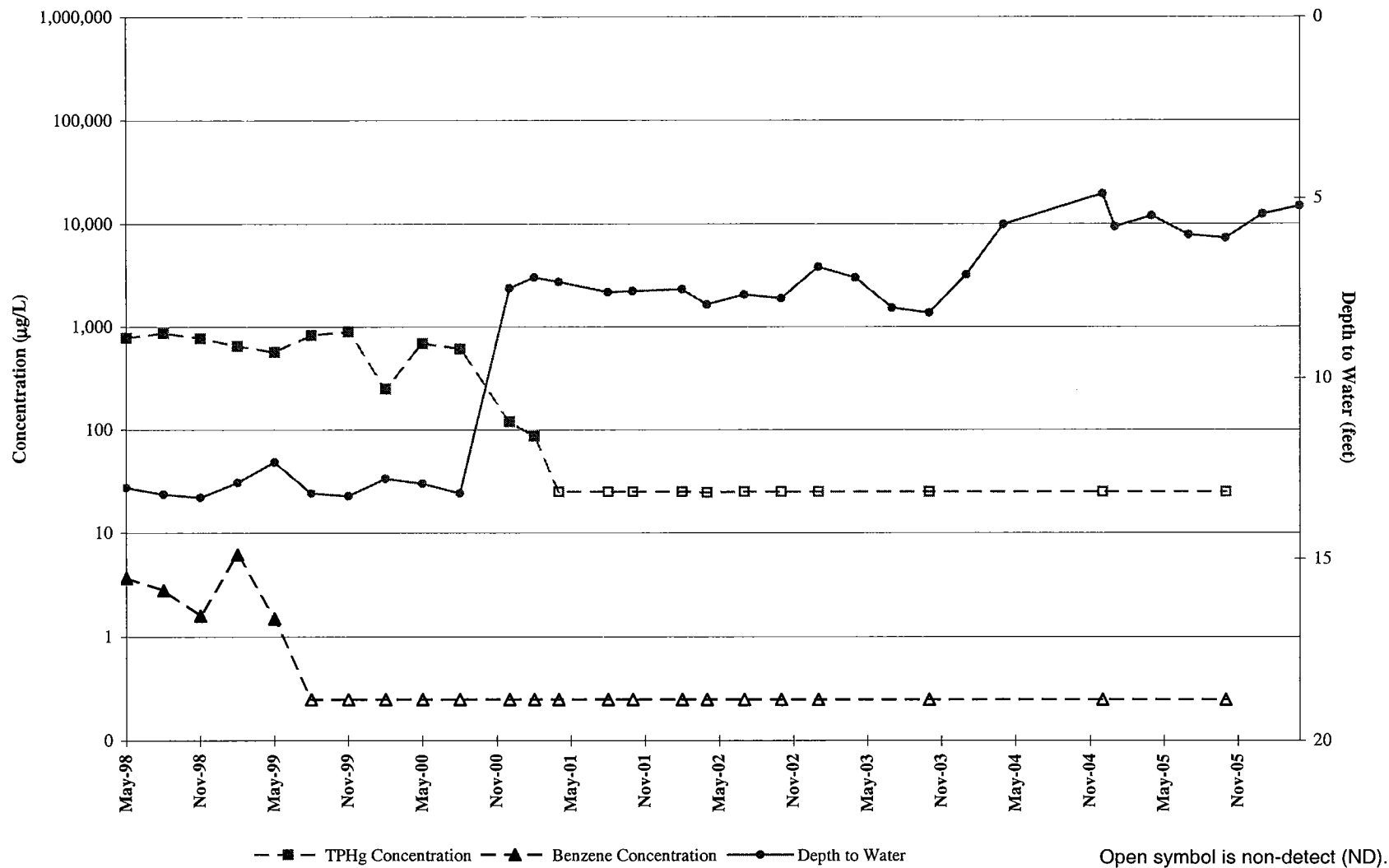
**Monitoring Well MW-1
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA**



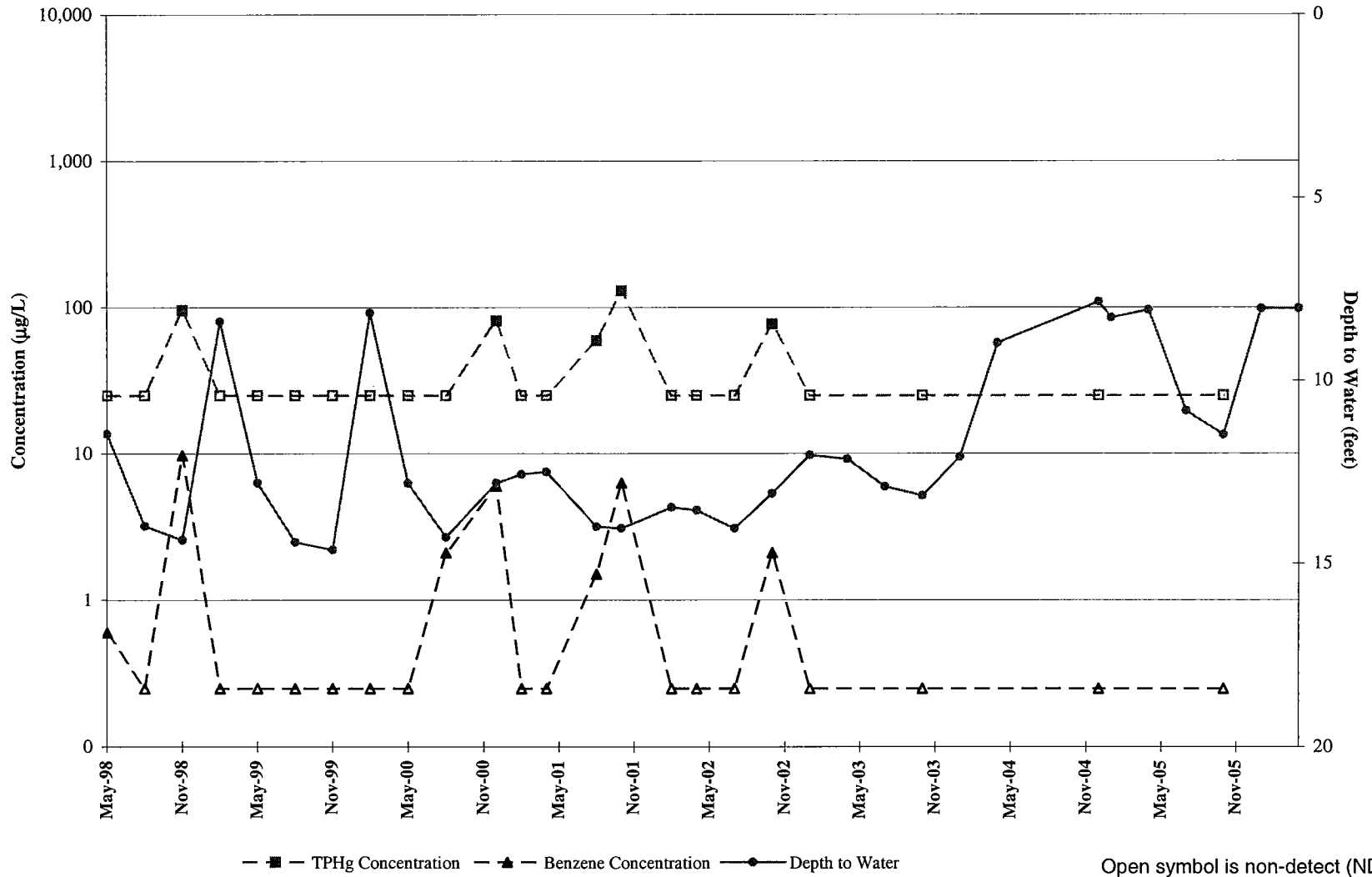
**Monitoring Well MW-2
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA**



**Monitoring Well MW-3
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

