



**CONESTOGA-ROVERS
& ASSOCIATES**

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Environmental Health

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
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May 28, 2008

Ms. Donna Drogos
Alameda County Department of Environmental Health
UST Local Oversight Program
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Re: Groundwater Monitoring Report – First Quarter 2008

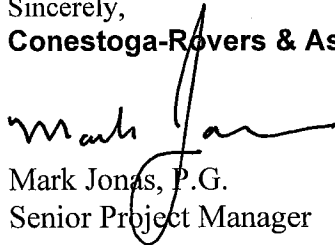
Gatzke / Hooshi's Auto Service
1499 MacArthur Boulevard, Oakland, California 94602
Fuel Leak Case #RO0000516
CRA Project #120741

Dear Ms. Drogos:

On behalf of Ms. Naomi Gatzke, Conestoga-Rovers & Associates, Inc. (CRA) is submitting this *First Quarter 2008 Monitoring Report* for the subject site. This report describes First Quarter 2008 activities and results as well as anticipated Second Quarter 2008 activities.

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

Sincerely,
Conestoga-Rovers & Associates, Inc.


Mark Jonas, P.G.
Senior Project Manager

Attachments: *First Quarter 2008 Monitoring Report*

cc: Ms. Naomi Gatzke, 1545 Scenicview Drive, San Leandro, CA 94577

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**CONESTOGA-ROVERS
& ASSOCIATES**

FIRST QUARTER 2008 MONITORING REPORT

**Gatzke / Hooshi's Auto Service
1499 MacArthur Boulevard
Oakland, California 94602
Fuel Leak Case No. RO0000516
CRA Project No. 120741**

May 28, 2008

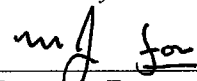
Prepared for:

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

Prepared by:

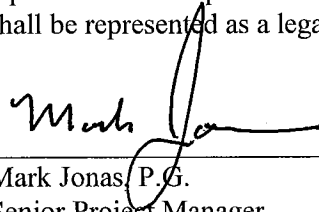
Conestoga-Rovers & Associates, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

Written by:

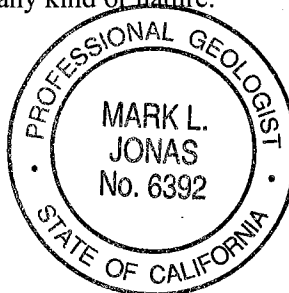


Bryan A. Fong
Staff Geologist

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Mark L. Jonas, P.G.
Senior Project Manager





**CONESTOGA-ROVERS
& ASSOCIATES**

FIRST QUARTER 2008 MONITORING REPORT

**Gatzke / Hooshi's Auto Service
1499 MacArthur Boulevard
Oakland, California 94602
Fuel Leak Case No. RO0000516
CRA Project No. 120741**

May 28, 2008

INTRODUCTION

On behalf of Ms. Naomi Gatzke, Conestoga-Rovers & Associates, Inc. (CRA) is submitting this First Quarter 2008 Monitoring Report for the subject site. Presented are the First Quarter 2008 groundwater monitoring activities and results and the anticipated Second Quarter 2008 activities.

Figure 1 is a vicinity map. Figure 2 is recent monitoring groundwater contours and hydrocarbon concentrations. Table 1 is well construction details. Table 2 provides recent and historic groundwater level measurements, elevations, hydrochemical, and separate phase hydrocarbon (SPH) 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 total petroleum hydrocarbons as gasoline (TPHg) concentrations and groundwater elevations.

FIRST QUARTER 2008 ACTIVITIES

Monitoring Activities

Field Activities: On January 15, 2008, Muskan Environmental Sampling (MES) conducted quarterly monitoring and sampling activities. MES measured well water levels and collected groundwater samples for monitoring wells MW-1, MW-2, and MW-5 (Figure 2). 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. Successive field measurements of pH, conductivity, and temperature of purged groundwater were measured during purging. Well purging continued until consecutive pH, specific conductance, and temperature measurements appeared to stabilize. Field measurements, with purge volumes and sample collection data were recorded on field sampling data forms provided 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 Pittsburg, California, a California-certified laboratory (DHS License No. 1644). 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. MTBE detected by method SW8021B was confirmed by EPA Method SW8260B. The analytical laboratory report is included in Appendix B. Groundwater analytical results are provided on Table 2 and summarized on Figure 2. 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 January 15, 2008, groundwater appears to generally flow towards the southwest with an apparent gradient of 0.06 feet per foot (Figure 2). The gradient and flow direction are consistent with historical data. Depth-to-water and groundwater elevation data for the site are in Table 2.

Separate Phase Hydrocarbon: No measurable SPH was observed in any of the monitored wells. A sheen was observed on groundwater from monitoring wells MW-2 and MW-5.

Hydrocarbon Distribution in Groundwater: Hydrocarbons were detected in all three of the sampled wells, MW-1, MW-2, and MW-5. TPHg concentrations ranged from 86 micrograms per liter ($\mu\text{g/L}$) to 14,000 $\mu\text{g/L}$. The highest concentration of TPHg was detected in monitoring well MW-5. BTEX was detected in well MW-2 at concentrations of 440 $\mu\text{g/L}$, 180 $\mu\text{g/L}$, 510 $\mu\text{g/L}$, and 1,700 $\mu\text{g/L}$ respectively. BTEX was also detected in MW-5 at concentrations of 87 $\mu\text{g/L}$, 120 $\mu\text{g/L}$, 39 $\mu\text{g/L}$, and 1,400 $\mu\text{g/L}$ respectively. No MTBE was detected in any of the sampled wells this quarter.

ANTICIPATED SECOND QUARTER 2008 ACTIVITIES

Monitoring Activities

During the second quarter 2008, CRA will measure water levels in all wells and collect groundwater samples from monitoring wells MW-1, MW-2, and MW-5 in accordance with the sampling schedule. CRA will then prepare a groundwater monitoring report summarizing the monitoring activities and results.



CONESTOGA-ROVERS
& ASSOCIATES

First Quarter 2008 Monitoring Report
1499 MacArthur Blvd., Oakland, CA
FLC #RO0000516
May 28, 2008

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 on an annual basis during the fourth quarter. All groundwater samples are analyzed for TPHg by modified EPA Method SW8015C, with BTEX and MTBE analyzed by EPA Method SW8021B.

ATTACHMENTS:

Figure 1 – Vicinity Map

Figure 2 – Groundwater Elevation Contour and Hydrocarbon Concentration Map

Table 1 – Well Construction Details

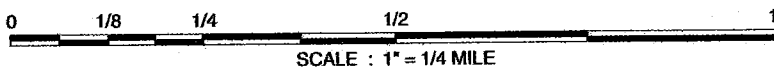
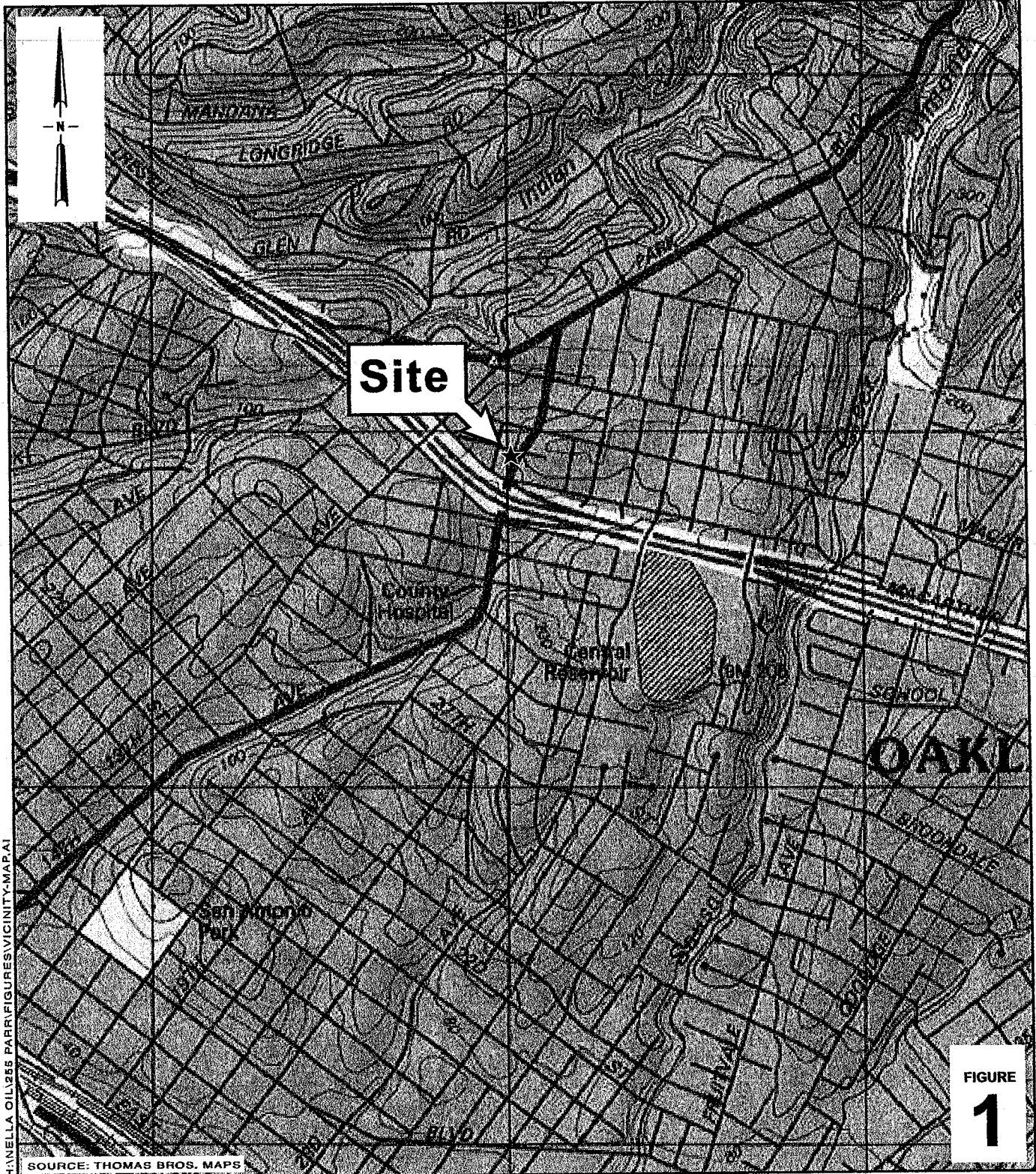
Table 2 – Groundwater Elevation and Analytical Data

Appendix A – Groundwater Monitoring Field Data Sheets

Appendix B – Laboratory Analytical Report

Appendix C – Benzene and TPHg Concentration Graphs

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Hooshii's Auto Service

1499 MacArthur Boulevard
Oakland, California



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Vicinity Map

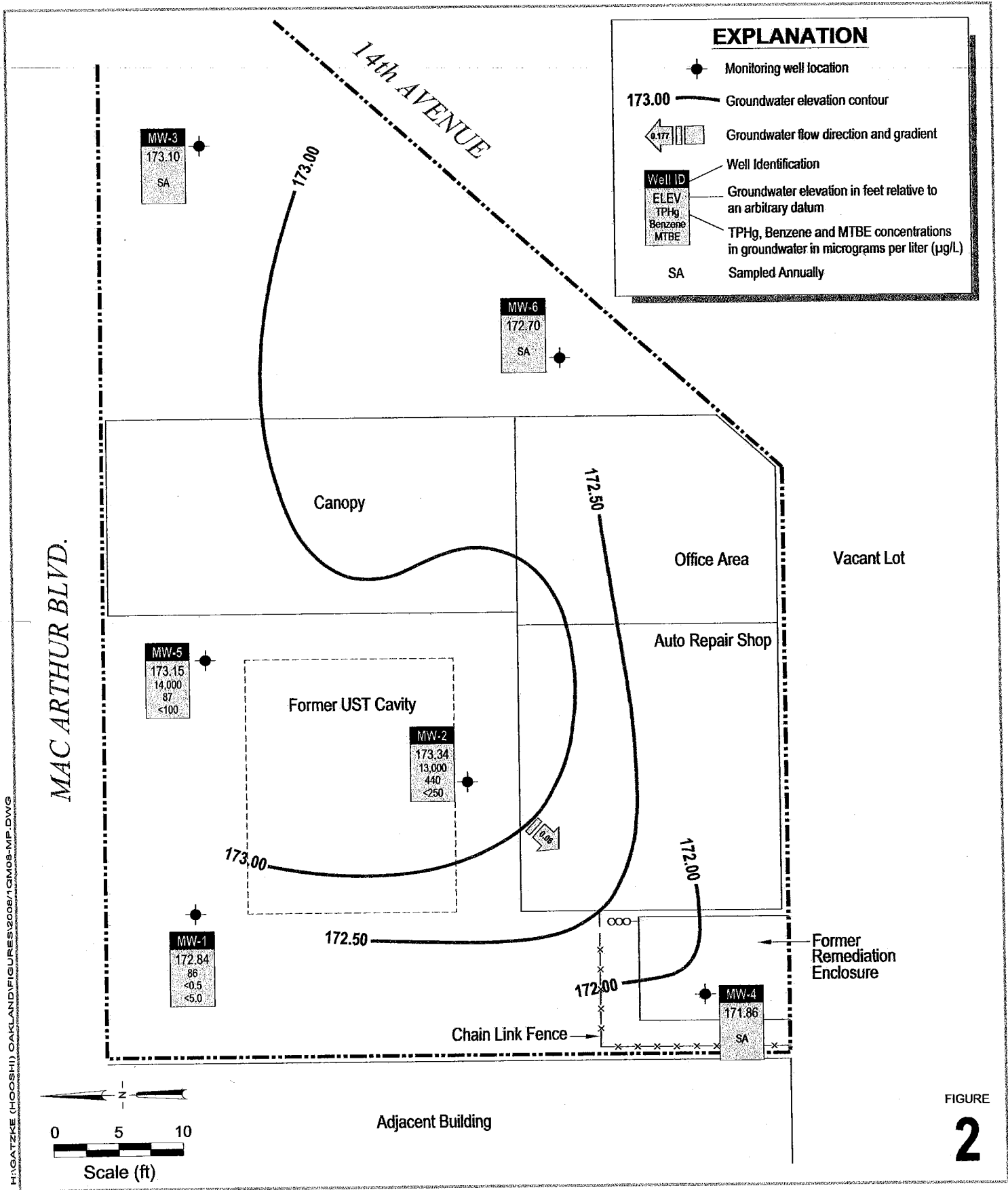


FIGURE
2

Hooshi's Auto Service
1499 MacArthur Boulevard
Oakland, California



**Groundwater Elevation Contour
and Hydrocarbon Concentration Map**
January 15, 2008

H:\GATZKE (HOOSHI) OAKLAND\FIGURES\2008\1\G1M08.MP.DWG

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Table 1. Monitoring Well Construction Details - Gatzke / Hooshi's 1499 MacArthur Boulevard, Oakland, California

Well ID	Former ID	Date Installed	Date Destroyed	Borehole diameter (in)	Depth of borehole (ft)	Casing diameter (in)	Screened interval (ft bgs)	Filter Pack (ft bgs)	Bentonite seal (ft bgs)	Cement (ft bgs)	TOC elevation (ft above msl)
MW-1	B1	1/7/1993	--		20*	2					180.83
MW-2	B2	1/7/1993	--		20*	2					180.24
MW-3	B3	1/7/1993	--		20*	2					179.55
MW-4	--	6/27/1996	--		20	2	4.5 - 19	3.5 - 19	2.5 - 3.5	1 - 2.5	180.12
MW-5	--	6/27/1996	--		20	2	4.5 - 19	3.5 - 19	2.5 - 3.5	1 - 2.5	180.09
MW-6	--	6/27/1996	--		20	2	4.5 - 19	3.5 - 19	2.5 - 3.5	1 - 2.5	179.63

Abbreviations / Notes

ft = feet

in = inches

ft bgs = feet below grade surface

ft above msl = feet above mean sea level

TOC = top of casing

Elevations surveyed by Virgil Chavez Land Surveying.

* = Depth assume by downhole measurement.

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Table 2. Groundwater Elevation and Analytical Data - Gazke / Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID TOC (#*)	Date	TOC Depth to Groundwater (ft)	Groundwater Elevation (ft msl**)	SPH Thickness (ft)	TPHg	Benzene	Toluene	Ethylbenzene Xylenes			MTBE	Notes
								(µg/L)				
<i>2006 Grab Groundwater Analytical Data</i>												
B-1*	12/21/2006	--	--	--	13,000	37 / 28	32 / ND<17	380 / 520	1,100 / 1,300	ND<17		a,i
B-2*	12/21/2006	--	--	--	40,000	1,100 / 1,100	1,300 / 1,300	990 / 840	6,400 / 5,900	ND<50		a,i
B-3*	12/21/2006	--	--	--	300	1.9 / 3.2	1.0 / 0.98	0.76 / 1.4	0.62 / 1.2	ND<0.5		a,i
B-4*	12/21/2006	--	--	--	7,600	110 / 87	32 / 22	470 / 520	520 / 450	ND<10		a,i
B-5*	12/22/2006	--	--	--	72,000	-- / 850	-- / 3,100	-- / 2,800	-- / 16,000	ND<100		a,b
<i>Monitoring Well Groundwater Analytical Data</i>												
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	ND<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	--	--	--	--	--	--	--		
	12/1/2000	8.75	172.08	--	480	6.4	5.9	1.1	3.9	18 (21)		a
180.63	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
	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		
	7/14/2006	7.53	173.10	--	170	0.65	0.60	ND<0.5	ND<0.5	ND<5.0		a
	10/13/2006	7.47	173.16	--	200	0.93	ND<0.5	ND<0.5	ND<0.5	ND<5.0		a
	1/12/2007	7.40	173.23	--	92	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		c,i
	4/20/2007	7.14	173.49	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	7/30/2007	7.81	172.82	--	130	0.52	ND<0.5	ND<0.5	0.61	ND<10		a,c
	10/24/2007	8.15	172.48	--	150	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		c
	1/15/2008	7.79	172.84	--	86	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		c
MW-2	1/4/1993	--	--	--	149,000	21,700	25,000	ND	7,760	--		
180.45	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	--	--	--	--	--	--		

Conestoga-Rovers & Associates

Table 2. Groundwater Elevation and Analytical Data - Gazke / Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID	Date	TOC Depth to Groundwater (ft)	Groundwater Elevation (ft msl)**	SPH Thickness (ft)	TPHig	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE	Notes
MW-2 cont'd	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	--	--	--	--	--	--	
180.24	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	Sheen Field	260,000	1,100	5,000	1,900	17,000	ND<100	a
	2/8/2001	7.86	172.38	Sheen Field	2,900	1.7	14	5.0	140	ND<5.0	c,d
	4/9/2001	7.95	172.29	Sheen Field	--	--	--	--	--	--	
	4/24/2001	6.90	173.34	Sheen Lab	56,000	360	980	1,000	4,700	ND<5.0	a,b
	8/6/2001	8.15	172.09	Sheen Field & Lab	54,000	680	1,900	1,500	7,800	ND<200/ND<10	a,b,j
	10/22/2001	8.22	172.02	Sheen Field & Lab	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
	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	Sheen Lab	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	Sheen Field	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	Sheen Field & Lab	14,000	380	120	780	1,200	ND<100	a,b
	1/30/2006	5.91	174.33	Sheen Field & Lab	22,000	310	140	1,300	2,800	ND<50	a,b,i
4/11/2006	5.65	174.59	Sheen Field & Lab	18,000	280	170	780	1,400	ND<250	a,b,i	
7/14/2006	6.76	173.48	Sheen Field & Lab	49,000	340	140	1,600	4,800	ND<500	a,b	
10/13/2006	6.74	173.50	Sheen Field & Lab	21,000	490	73	600	1,100	ND<110	a,b,i	
1/12/2007	6.55	173.69	Sheen Field	16,000	320	170	600	2,100	ND<250	a,i	
4/20/2007	6.39	173.85	Sheen Field & Lab	15,000	340	160	420	1,700	ND<120	a,b	
7/30/2007	7.09	173.15	Sheen Field	17,000	430	170	740	2,100	ND<100	a	
10/24/2007	7.40	172.84	Sheen Field & Lab	14,000	370	40	240	490	ND<100 (8.3)	a,b	
1/15/2008	6.90	173.34	Sheen Field	13,000	440	180	510	1,700	ND<250	a,i	
MW-3 179.94	1/4/1993	--	--	--	1,610	772	14	11	ND	--	
	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
179.55	8/19/1999	13.19	166.75	--	830	ND<0.5	1.9	ND<0.5	1.3	ND<20	c,d
	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
	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	

Conestoga-Rovers & Associates

Table 2. Groundwater Elevation and Analytical Data - Gazke / Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID	Date	TOC Depth to Groundwater (ft)	Groundwater Elevation (ft msl)**	SPII Thickness (ft)	TPHg	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE	Notes	
<i>MW-3 cont'd</i>	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	--	--	--	--	--	--	--		
7/14/2006	6.15	173.40	--	--	--	--	--	--	--			
10/13/2006	6.03	173.52	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0			
1/12/2007	5.98	173.57	--	--	--	--	--	--	--			
4/20/2007	5.76	173.79	--	--	--	--	--	--	--			
7/30/2007	6.44	173.11	--	--	--	--	--	--	--			
10/24/2007	6.82	172.73	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0			
1/15/2008	6.45	173.10	--	--	--	--	--	--	--			
MW-4	6/27/1996	17.03	163.51	--	720	2	0.5	2.5	23	3.2		
180.54	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		
	180.12	11/23/1999	14.63	165.49	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		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		

Conestoga-Rovers & Associates

Table 2. Groundwater Elevation and Analytical Data - Gazke / Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID TOC (ft*)	Date	TOC Depth to Groundwater (ft)	Groundwater Elevation (ft msl**)	SPH Thickness (ft)	TPHg	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE	Notes
MW-4 cont'd	1/30/2006	8.04	172.08	--	--	--	--	--	--	--	
	4/11/2006	8.03	172.09	--	--	--	--	--	--	--	
	7/14/2006	10.72	169.40	--	--	--	--	--	--	--	
	10/13/2006	11.25	168.87	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	1/12/2007	8.89	171.23	--	--	--	--	--	--	--	
	4/20/2007	9.22	170.90	--	--	--	--	--	--	--	
	7/30/2007	11.29	168.83	--	--	--	--	--	--	--	
	10/24/2007	10.08	170.04	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	1/15/2008	8.26	171.86	--	--	--	--	--	--	--	
		4/17/2008	10.84	169.28	--	--	--	--	--	--	--
MW-5	6/27/1996	13.62	166.74	0.16	--	--	--	--	--	--	
180.23	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	--	--	--	--	--	--	
	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	--	--	--	--	--	--	
180.09	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	--	--	--	--	--	--	
	12/1/2000	8.00	172.09	0.00	54,000	240	1,700	870	1,000	ND<300	c,d
180.04	2/8/2001	7.88	172.16	Sheen Lab	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	Sheen Lab	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	Sheen Field	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	Sheen Field & Lab	23,000	140	370	240	2,100	ND<500	a,b
	1/30/2006	5.96	174.08	Sheen Field & Lab	2,500	1.0	8.7	ND<1.0	130	ND<10	b,c,d
	4/11/2006	5.63	174.41	Sheen Field	1,200	1.3	3.1	1.7	54	ND<5.0	a
	7/14/2006	6.65	173.39	Sheen Field & Lab	13,000	27	66	30	480	ND<50	a,b
	10/13/2006	6.60	173.44	Sheen Field & Lab	23,000	170	390	260	2,500	ND<250	a,b
	1/12/2007	6.50	173.54	Sheen Field & Lab	17,000	72	130	70	1,600	ND<250	a,b,i
	4/20/2007	6.22	173.82	Sheen Field & Lab	10,000	55	120	37	620	ND<50	a,b
	7/30/2007	6.95	173.09	Sheen Field	41,000	120	580	270	3,100	ND<250	a
	10/24/2007	7.27	172.77	Sheen Field & Lab	31,000	210	440	300	2,500	ND<200 (ND<5.0)	a,b,j
	1/15/2008	6.89	173.15	Sheen Field & Lab	14,000	87	120	39	1,400	ND<100	a,b
MW-6	6/27/1996	18.55	161.48	--	ND	ND	ND	ND	ND	--	
180.03	12/10/1996	11.79	168.24	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	
	5/8/1998	11.62	168.41	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	8/17/1998	12.66	167.37	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	11/4/1998	13.56	166.47	--	68	3.8	3.7	2.8	11	ND<5.0	a
	2/17/1999	12.91	167.12	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	

Conestoga-Rovers & Associates

Table 2. Groundwater Elevation and Analytical Data - Gazke / Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, California

Well ID	Date	TOC Depth to Groundwater (ft)	Groundwater Elevation (ft msl)**	SPH Thickness (ft)	TPHg	Benzene	Toluene	Ethylbenzene (µg/L)	Xylenes	MTBE	Notes	
179.63	5/27/1999	13.03	167.00	--	ND<50	1.0	1.7	0.82	4.9	ND<5.0		
	8/19/1999	13.10	166.93	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	11/23/1999	13.58	166.05	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	2/17/2000	10.72	168.91	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	5/9/2000	11.71	167.92	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/15/2000	12.49	167.14	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	12/1/2000	8.64	170.99	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	2/8/2001	8.20	171.43	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	4/9/2001	8.53	171.10	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	8/6/2001	8.69	170.94	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	10/22/2001	8.75	170.88	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	2/1/2002	8.31	171.32	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	4/19/2002	8.62	171.01	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	7/16/2002	8.84	170.79	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	10/3/2002	8.71	170.92	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	1/10/2003	6.99	172.64	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	19 (16)		
	sampled annually	4/21/2003	7.15	172.48	--	--	--	--	--	--	--	
		7/9/2003	7.98	171.65	--	--	--	--	--	--	--	
		10/7/2003	8.28	171.35	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
		1/22/2004	7.15	172.48	--	--	--	--	--	--	--	
4/2/2004		6.56	173.07	--	--	--	--	--	--	--		
12/29/2004		5.63	174.00	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
1/27/2005		6.66	172.97	--	--	--	--	--	--	--		
4/6/2005		6.25	173.38	--	--	--	--	--	--	--		
7/28/2005		6.71	172.92	--	--	--	--	--	--	--		
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	--	--	--	--	--	--	--		
7/14/2006	6.80	172.83	--	--	--	--	--	--	--			
10/13/2006	6.75	172.88	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0			
1/12/2007	6.61	173.02	--	--	--	--	--	--	--			
4/20/2007	6.45	173.18	--	--	--	--	--	--	--			
7/30/2007	6.98	172.65	--	--	--	--	--	--	--			
10/24/2007	7.30	172.33	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0			
1/15/2008	6.93	172.70	--	--	--	--	--	--	--			
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		



**CONESTOGA-ROVERS
& ASSOCIATES**

APPENDIX A

Groundwater Monitoring Field Data Sheets

A



**CONESTOGA-ROVERS
& ASSOCIATES**

APPENDIX B

Laboratory Analytical Report

B

**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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #120741; Hooshi's	Date Sampled: 01/15/08
		Date Received: 01/16/08
	Client Contact: Mark Jonas	Date Reported: 01/23/08
	Client P.O.:	Date Completed: 01/23/08

WorkOrder: 0801412

January 23, 2008

Dear Mark:

Enclosed within are:

- 1) The results of the 3 analyzed samples from your project: **#120741; Hooshi's**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

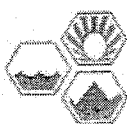
If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

0801412



McCAMPBELL ANALYTICAL, INC.
 1534 WILLOW PASS ROAD
 PITTSBURG, CA 94565-1701
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 Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD
 TURN AROUND TIME RUSH 24 HR 48 HR 72 HR 5 DAY
 GeoTracker EDF PDF Excel Write On (DW)
 Check if sample is effluent and "J" flag is required

Report To: Mack Jones Bill To: Conestoga-Rivers & Associates
 Company: Conestoga-Rivers & Associates
5900 Bellis Street, Ste A
Emeryville, CA
 E-Mail: mjones@crav.com
 Tele: (510) 420-3869 Fax: (510) 420-9170
 Project #: 120744 Project Name: H005hv's
 Project Location: 1499 MacArthur Blvd, Oakland, CA
 Sampler Signature: Muskan Environmental Sampling

SAMPLE ID	LOCATION Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED		Analysis Request	Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL			
MW-1		11:50	11:05	4	VOO	X							X		Filter Samples for Metals analysis: Yes / No
MW-2			12:05												
MW-5		X	11:35	X	X								X		

Relinquished By: [Signature] Date: 7/16 Time: 2:29 Received By: [Signature]
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/ 14-2
 GOOD CONDITION
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB N/A
 APPROPRIATE CONTAINERS
 PRESERVED IN LAB
 COMMENTS:
 VOAS O&G METALS OTHER
 PRESERVATION pH<2

+
+
+

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0801412

ClientID: CETE

EDF Excel Fax Email HardCopy ThirdParty

Report to:

Mark Jonas
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: mjonas@CRAworld.com
TEL: (510) 420-0700 FAX: (510) 420-9170
ProjectNo: #120741; Hooshi's
PO:

Bill to:

Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 01/16/2008

Date Printed: 01/16/2008

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0801412-001	MW-1	Water	1/15/2008	<input type="checkbox"/>	A	A											
0801412-002	MW-2	Water	1/15/2008	<input type="checkbox"/>	A												
0801412-003	MW-5	Water	1/15/2008	<input type="checkbox"/>	A												

Test Legend:

1	G-MBTEX W
6	
11	

2	PREF REPORT
7	
12	

3	
8	

4	
9	

5	
10	

Prepared by: Samantha Arbuckle

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.



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

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**

Date and Time Received: **1/16/2008 2:59:41 PM**

Project Name: **#120741; Hooshi's**

Checklist completed and reviewed by: **Samantha Arbuckle**

WorkOrder N°: **0801412** Matrix Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

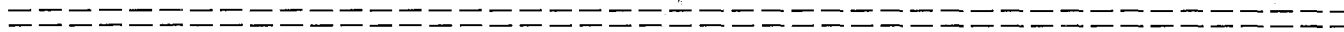
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 14.2°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>



Client contacted:

Date contacted:

Contacted by:

Comments:



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0801412

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 33217			Spiked Sample ID: 0801397-001A				
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	RPD	LCS/LCSD	RPD
TPH(btex) ^f	ND	60	104	85.2	20.3	85.3	83.6	2.01	70 - 130	30	70 - 130	30
MTBE	ND	10	90.8	91	0.264	87.3	89.5	2.52	70 - 130	30	70 - 130	30
Benzene	ND	10	96.4	98.5	2.12	91.1	92.9	1.90	70 - 130	30	70 - 130	30
Toluene	ND	10	97.8	97.1	0.708	91.7	98.6	7.28	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	97.9	95.8	2.18	92.6	95.9	3.51	70 - 130	30	70 - 130	30
Xylenes	ND	30	91	87	4.49	86.3	90.7	4.90	70 - 130	30	70 - 130	30
%SS:	101	10	107	108	1.19	102	102	0	70 - 130	30	70 - 130	30

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

BATCH 33217 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801412-001A	01/15/08 11:05 AM	01/18/08	01/18/08 9:24 PM	0801412-002A	01/15/08 12:05 PM	01/18/08	01/18/08 9:42 AM
0801412-003A	01/15/08 11:30 AM	01/18/08	01/18/08 12:26 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.



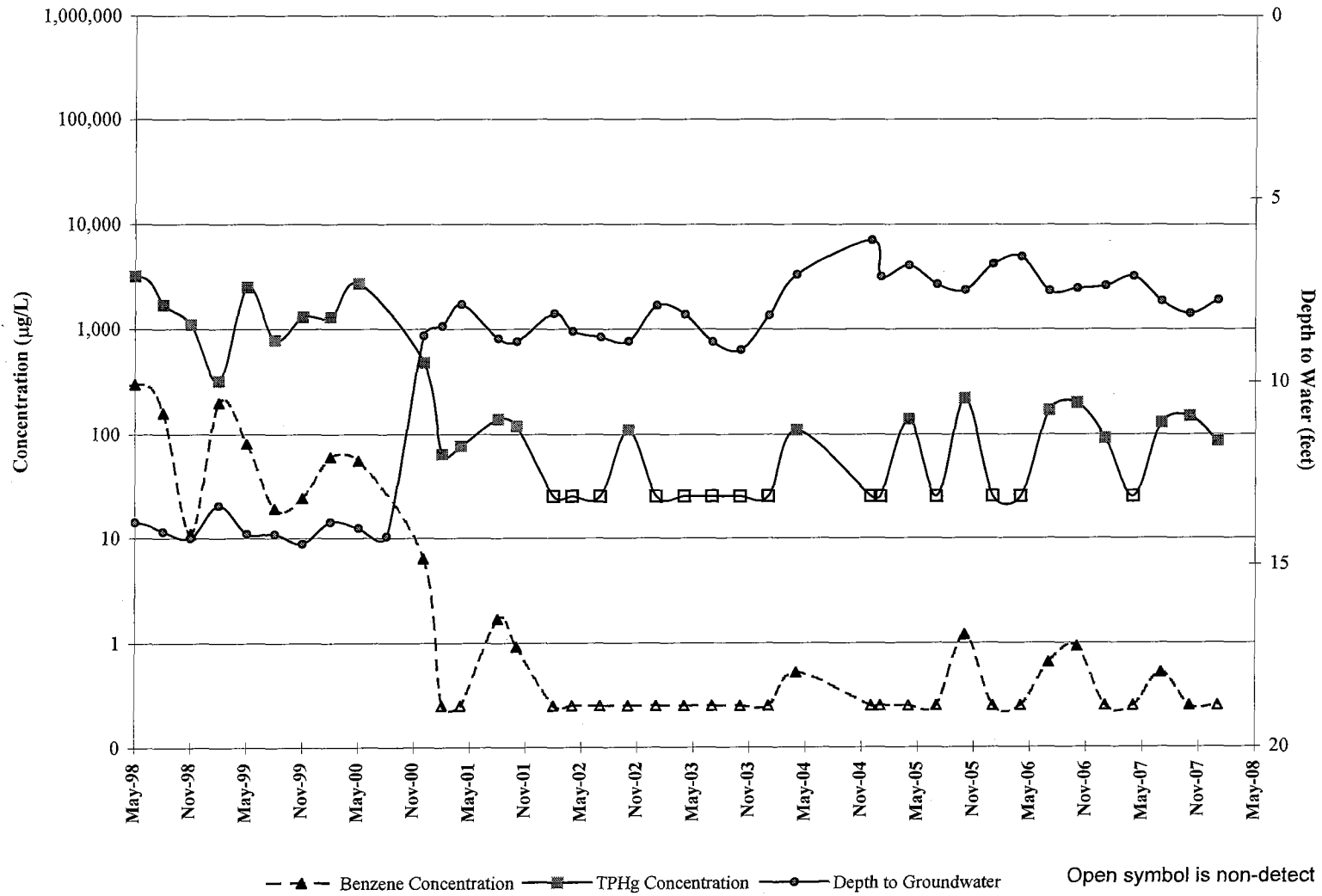
**CONESTOGA-ROVERS
& ASSOCIATES**

APPENDIX C

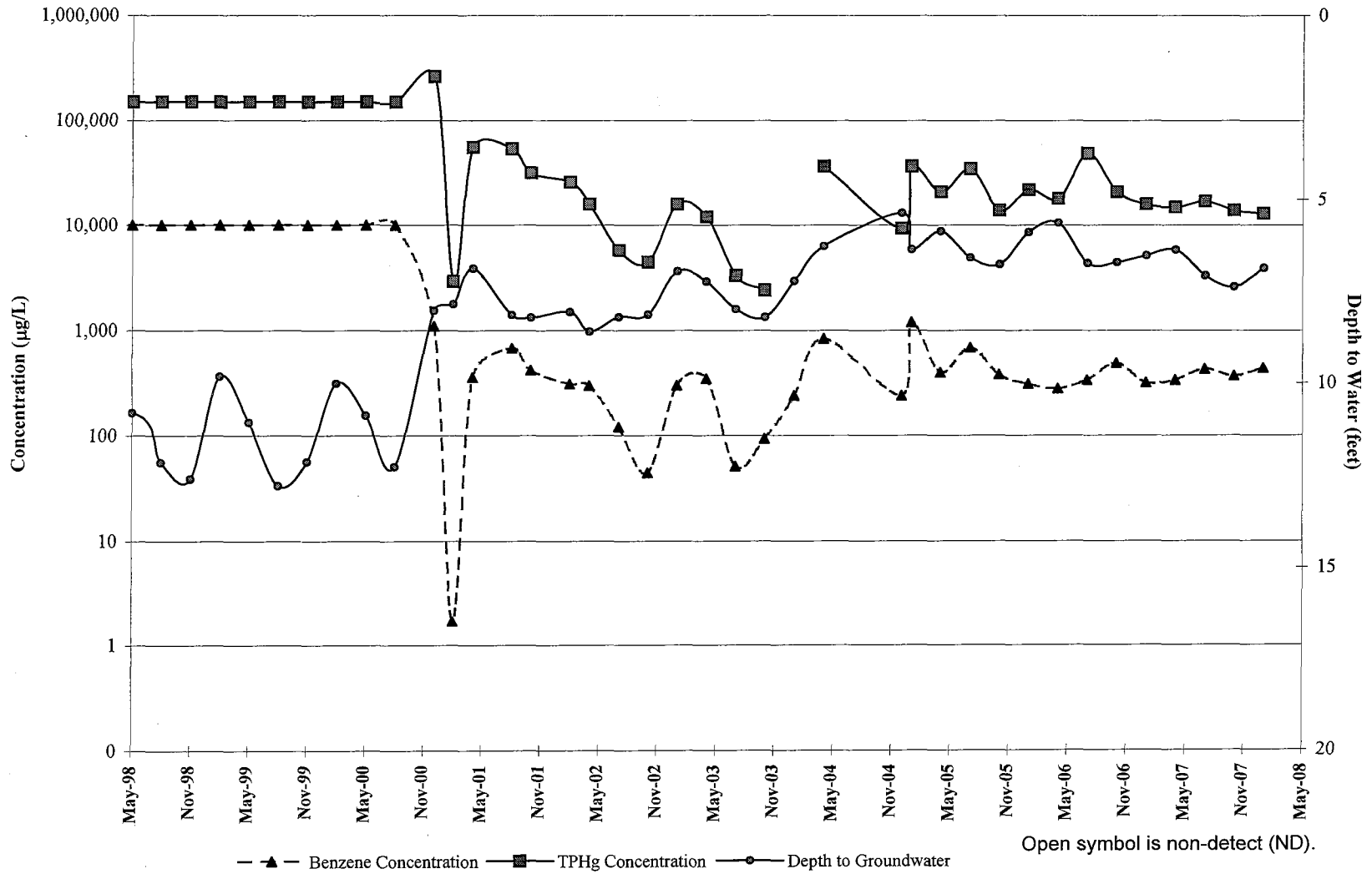
Benzene and TPHg Concentration Graphs

C

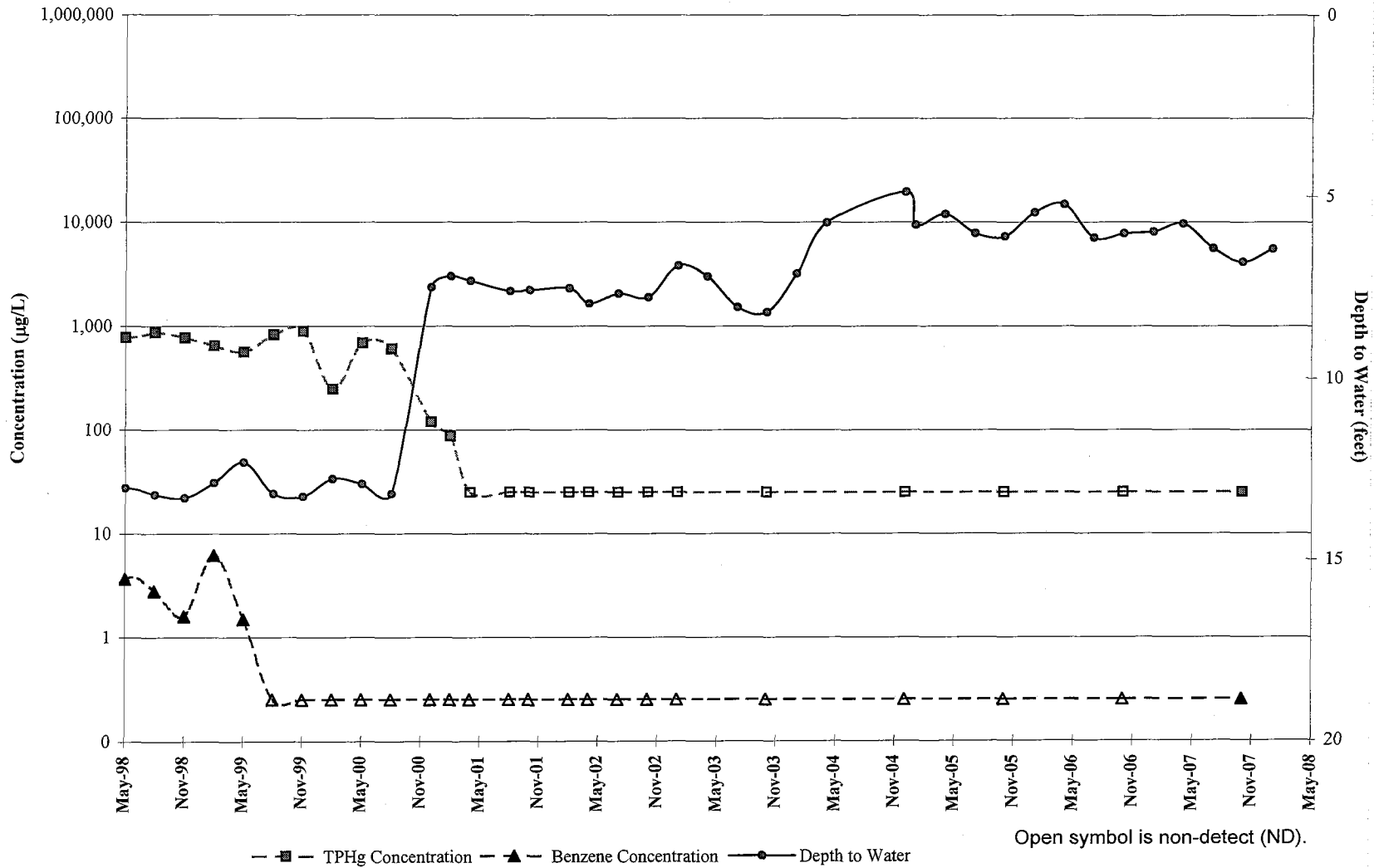
**Monitoring Well MW-1
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA**



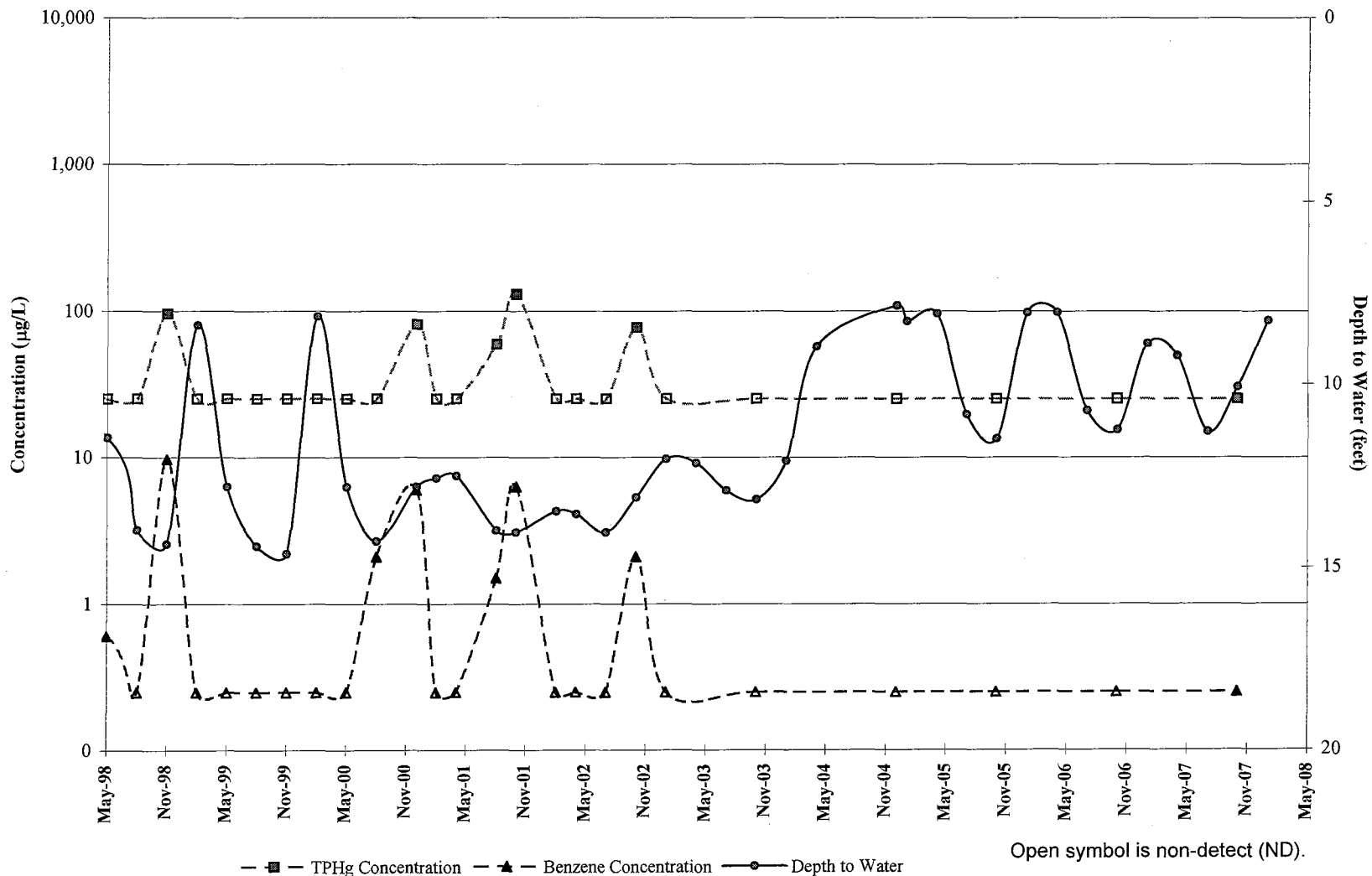
**Monitoring Well MW-2
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA**



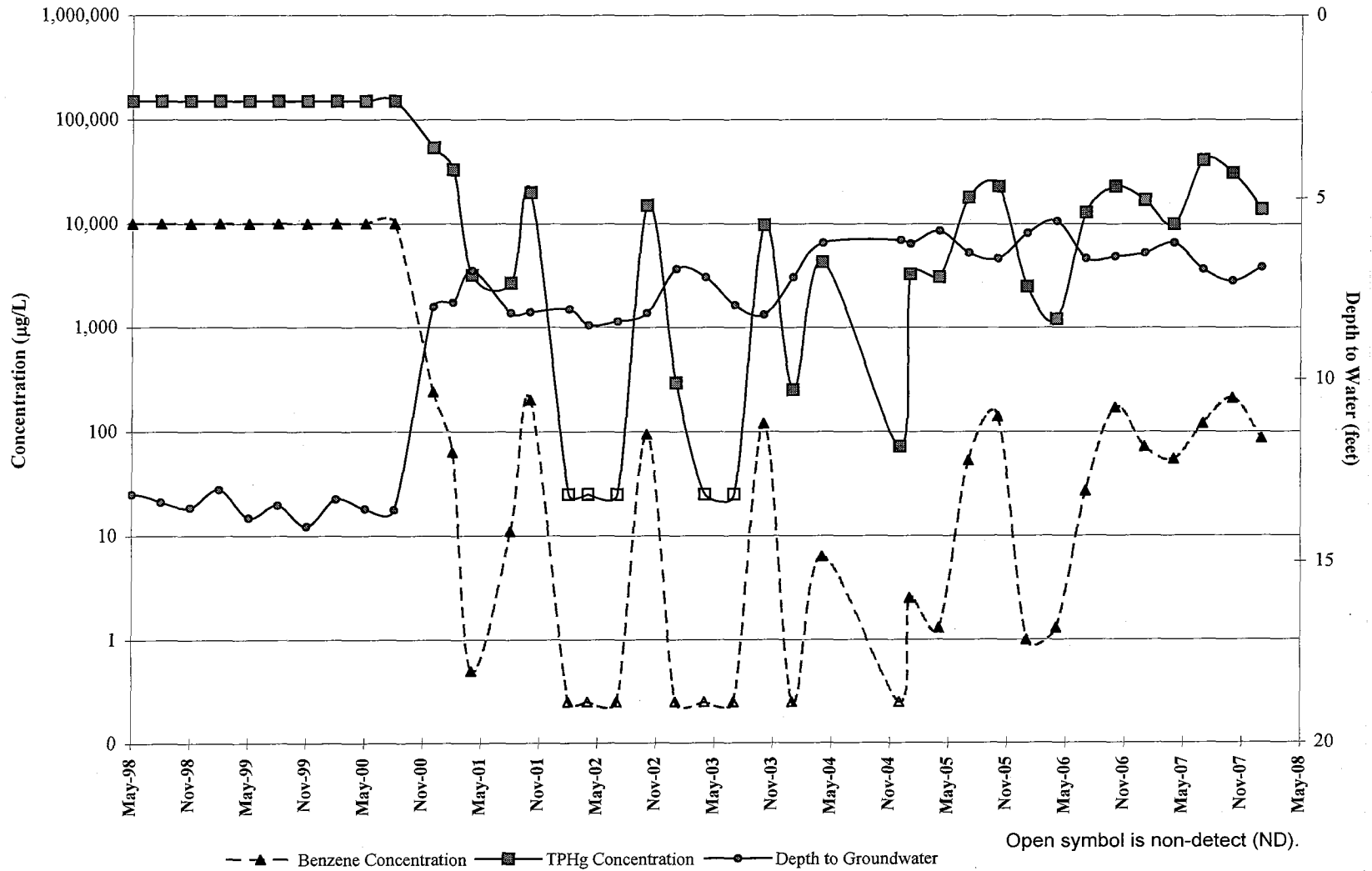
**Monitoring Well MW-3
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA**



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



**Monitoring Well MW-6
TPHg and Benzene Concentration Trend
Hooshi's Auto Service, 1499 MacArthur Boulevard, Oakland, CA**

