CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A, Emeryville, California 94608
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www.CRAworld.com

December 10, 2007

Mr. Jerry Wickham
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RE: Groundwater Monitoring Report - Third Quarter 2007
Chiu Property
800 Franklin Street, Oakland, California 94607
UST Fuel Leak #RO0000196
CRA Project #581000

Dear Mr. Wickham:

On behalf of Mr. Tommy Chiu, Conestoga-Rovers & Associates, Inc (CRA) is submitting this *Groundwater Monitoring Report – Third Quarter 2007*. Presented in the report are third quarter 2007 activities and results, and activities anticipated to be completed by the end of the first quarter 2008. The subject site is monitored on a semi-annual schedule, during the first and third quarters.

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

Sincerely,
Conestoga-Rovers & Associates, Inc.

Mark Jonas, P.G.
Senior Project Manager

Enclosure: *Groundwater Monitoring Report – Third Quarter 2007*

cc: Ms. Anny Chiu, P.O. Box 28194, Oakland, California 94606

CONESTOGA-ROVERS
& ASSOCIATES

GROUNDWATER MONITORING REPORT – THIRD QUARTER 2007

Chiu Property
800 Franklin Street
Oakland, California
Fuel Leak Case #RO0000196
CRA Project #581000

December 10, 2007

Prepared for:

Mr. Tommy Chiu
P.O. Box 28194
Oakland, California 94606

Prepared by:

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

Written by:

Christina McClelland
Staff Geologist

PROFESSIONAL GEOLOGIST
MARK L. JONAS
No. 6392
STATE OF CALIFORNIA

Reviewed By:

Mark Jonas, P.G.
Senior Project Geologist

CONESTOGA-ROVERS
& ASSOCIATES

GROUNDWATER MONITORING REPORT - THIRD QUARTER 2007

Chiu Property
800 Franklin Street
Oakland, California
Fuel Leak Case #RO0000196
CRA Project No. 581000

December 10, 2007

INTRODUCTION

This report presents a summary of third quarter 2007 activities, monitoring results, and activities anticipated to be completed by the end of first quarter 2008 for the site located at 800 Franklin Street, Oakland, California (Figure 1). This groundwater monitoring event was conducted as required by Alameda County Department of Environmental Health (ACEH).

THIRD QUARTER 2007 ACTIVITIES

MONITORING ACTIVITIES

On September 17, 2007, Muskan Environmental Sampling (MES) conducted quarterly groundwater monitoring activities at the site. MES measured groundwater levels and collected groundwater samples from monitoring wells MW-1 through MW-6 (Figure 2). Well construction details are provided in Table 1. Copies of the field data sheets are included as Appendix A.

Water Level Measurements: Depth to groundwater measurements were recorded to the nearest 0.01-foot from the top of casing (TOC), relative to a previously established reference elevation. Measurements were collected using an electric, conductance-actuated well sounder. The groundwater elevation and depth data are presented in Table 2.

Groundwater Sampling: MES collected groundwater samples from wells MW-1, MW-2, MW-3A, MW-4, MW-5, and MW-6. Field activities associated with groundwater sampling included well purging, measuring groundwater parameters, sample collection, and equipment decontamination. See the field data sheets in Appendix A.

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

Groundwater samples were collected from each of the wells using new disposable bailers. The samples were decanted from the bailers into 1-liter (L) amber glass containers and 40-milliliter (mL) glass volatile organic analysis (VOA) vials supplied by McCampbell Analytical, Inc. (McCampbell) of Pittsburg, California. Samples were labeled, placed in protective foam sleeves, stored on crushed, water-based ice at or below 4 degrees Celsius (°C) and transported under a chain-of-custody (COC) to the laboratory. The COC used for this monitoring event is provided in Appendix B.

Equipment Decontamination: To minimize the potential for cross-contamination, the groundwater monitoring equipment was decontaminated prior to being deployed in the first monitoring well and between successive wells. The probe of the electric well sounder used for water level measurements was rinsed thoroughly with distilled water prior to first use and between subsequent water level measurements. The disposable bailers were discarded after use at each well.

Sample Analysis: Groundwater samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline (TPHg) by modified United States Environmental Protection Agency (EPA) Method SW8015C. Samples were also analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertiary-butyl ether (MTBE) by EPA Method SW8260B. In addition, groundwater samples were analyzed for TPH as diesel (TPHd) and as motor oil (TPHmo) by EPA Method SW8015C with silica gel cleanup, and chloroform and 1,2-dichloroethane (1,2-DCA) by EPA Method SW8260B. The analyses were performed by McCampbell. The laboratory analytical report is included in Appendix B. Groundwater analytical results are summarized on Figure 2 and presented in Table 2.

Monitoring Results

Groundwater Flow Direction and Gradient: Depth-to-water measurements collected on September 17, 2007 ranged from 21.84 to 22.88 feet below top of casing (TOC). Groundwater elevations were calculated by subtracting the depth-to-water measurements from the surveyed TOC elevations. The groundwater elevations were plotted on a site plan and contoured. Based on depth-to-water data collected during the site visit, groundwater appears to flow towards the northwest at a gradient of 0.007 feet/foot.

Depth-to-water and groundwater elevation data for the site are summarized in Table 2 and presented on Figure 2.

Groundwater Analytical Results: During the third quarter 2006 TPHd, TPHmo, chloroform, and 1,2-DCA were added to the sampling protocol. Concentrations of analytes were detected in four of the six wells sampled during the third quarter 2007, as follows:

- TPHg and BTEX were detected in the samples collected from wells MW-2, MW-3A and MW-6. The maximum TPHg, toluene, ethylbenzene and xylenes concentrations were detected in well MW-2 at 31,000 micrograms per liter (µg/L), 3,000 µg/L, 700 µg/L, and 3,100 µg/L, respectively. The maximum benzene concentration was detected in well MW-3A at 1,100 µg/L. The TPHg and BTEX concentrations detected in well MW-6 were 7,000 µg/L, 760 µg/L, 28 µg/L, 46 µg/L and 270 µg/L, respectively. The laboratory noted that unmodified or weakly modified gasoline is significant in samples collected from wells MW-2, MW-3A and MW-6.

- No MTBE was detected above laboratory reporting limits in any of the wells.

- TPHd range hydrocarbons were detected in samples from wells MW-2, MW-3A and MW-6 at concentrations of 6,600 µg/L, 980 µg/L and 970 µg/L, respectively. However, the laboratory noted that the TPH chromatogram suggested gasoline range compounds were significant in these samples.

- TPHmo was only detected in well MW-2 at a concentration of 340 µg/L.

- Chloroform was detected well MW-1, MW-4 and MW-5 during the third quarter 2007 event. The maximum chloroform concentration was detected in well MW-4 at 18 µg/L.

- No 1,2-DCA was detected above laboratory reporting limits in any of the wells.

Waste Disposal

On October 5, 2007, approximately 55 gallons of drummed purged groundwater from the third quarter 2007 monitoring event was transported for disposal by Phillips Services Corporation (PSC) to Evergreen Oil, Inc. in Newark, California.

GeoTracker Submittals

CRA uploaded relevant data to the GeoTracker database on behalf of Mr. Tommy Chiu. CRA has uploaded third quarter 2007 groundwater depth data, analytical results, and this report to the State's GeoTracker database.

ANTICIPATED FIRST QUARTER 2008 ACTIVITIES

Monitoring Activities

As approved by ACEH, the subject site will be monitored semi-annually during first and third quarters. CRA will measure water levels and collect groundwater samples from wells MW-1 through MW-6. Groundwater samples will be analyzed for TPHd and TPHmo with silica gel cleanup and TPHg by modified EPA Method SW8015C; BTEX and MTBE by EPA Method SW8021B; and chloroform and 1,2-DCA by EPA Method SW8260B. CRA will prepare a groundwater monitoring report summarizing the monitoring activities and results.

ATTACHMENTS

Figure 1 – Vicinity Map

Figure 2 – Groundwater Elevation Contour and Hydrocarbon Concentration Map

Table 1 – Well Construction Details

Table 2 – Groundwater Analytical and Elevation Data

Appendix A – Groundwater Monitoring Field Data Sheets

Appendix B – Laboratory Analytical Report

Appendix C – Waste Manifests

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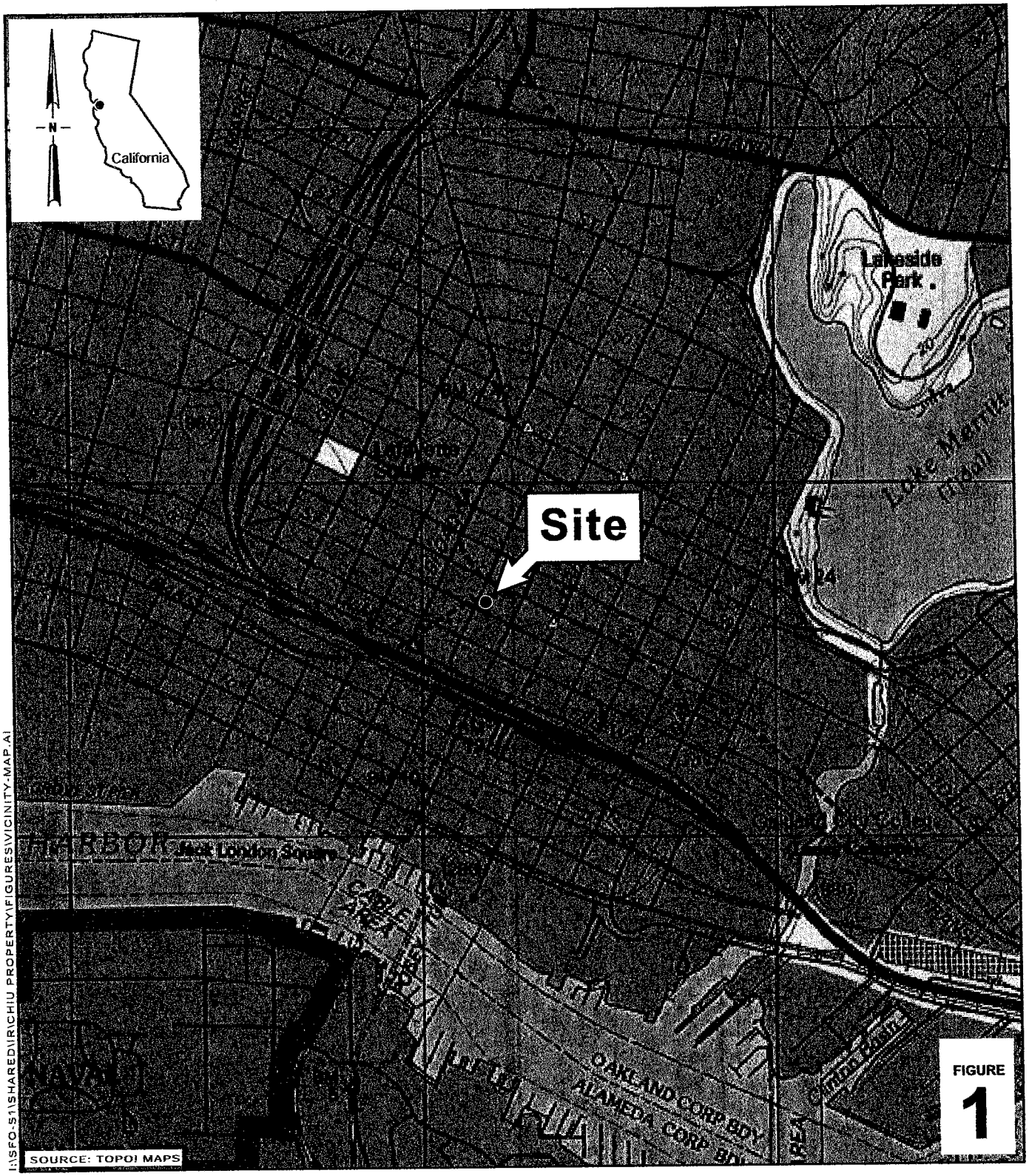

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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Chiu Property
800 Franklin Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

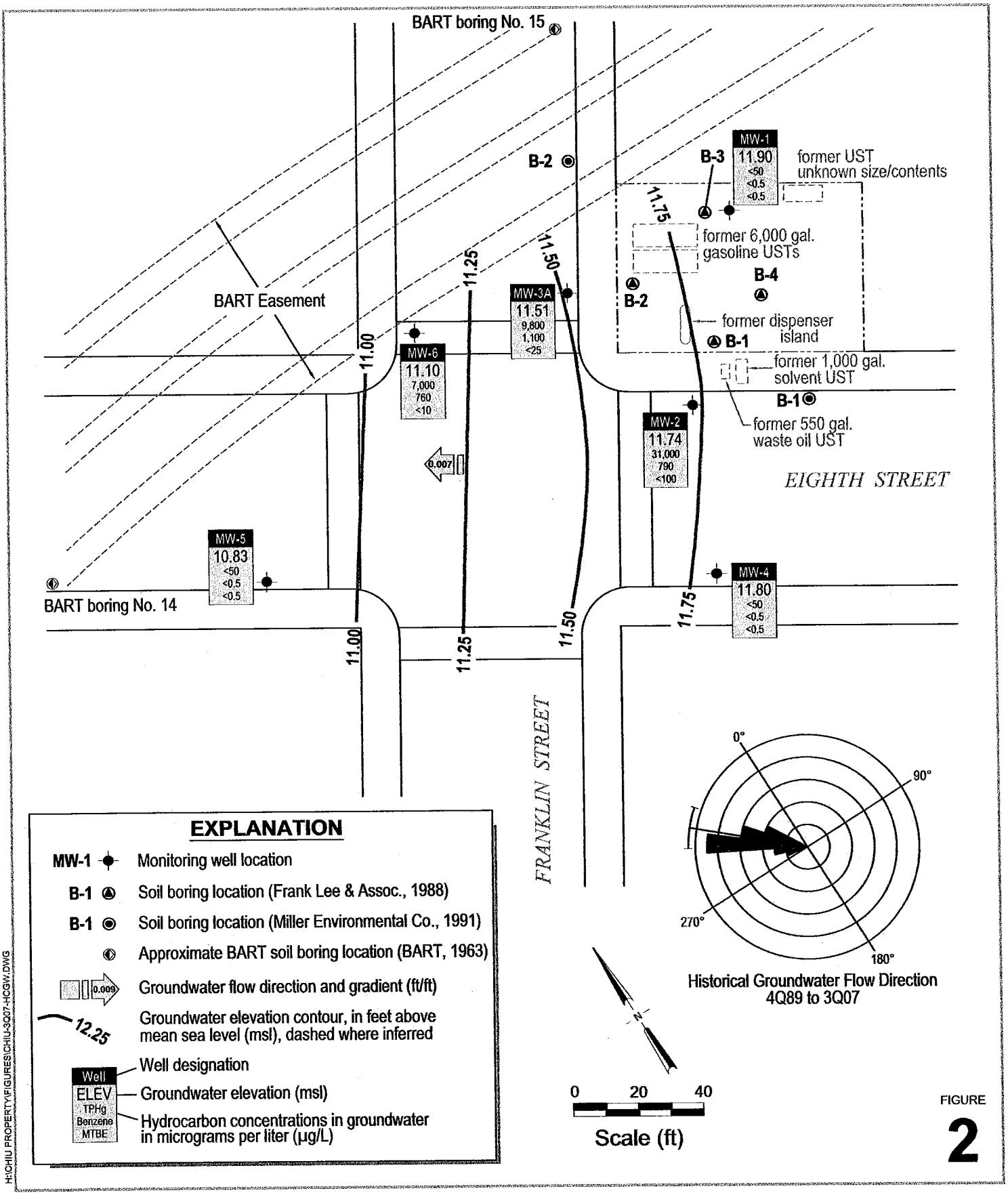

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FIGURE

2

Chiu Property

800 Franklin Street

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation Contour and Hydrocarbon Concentration Map

September 17, 2007

Conestoga-Rovers & Associates

Table 1. **Well Completion Data** - Chiu Property, 800 Franklin Street, Oakland, California

Well ID	Installation Date	Boring Diameter (inches)	Borehole Depth (feet bgs)	Well Diameter (inches)	Screen Size (inches)	Well Depth (feet bgs)	Surface Seal (feet bgs)	Sand Pack Interval (feet bgs)	Screened Interval (feet bgs)	First Encountered GW Depth (feet bgs)	TOC Elevation (feet amsl)
MW-1	1989	8	35	2	0.010	35	0-18	18-35	20-35	NA	33.42
MW-2	1989	8	35	2	0.010	35	0-18	18-35	20-35	NA	33.66
*MW-3	1989	8	35	2	0.010	35	0-18	18-35	20-35	NA	34.23
MW-3A	2/8/2007	10	35	4	0.010	35	0-17	19-35	20-35	NA	34.16
MW-4	10/2/1991	8	35	2	0.010	35	0-18	18-35	20-35	25.0	33.64
MW-5	10/3/1991	8	35	2	0.010	35	0-18	18-35	20-35	26.0	33.56
MW-6	5/15/1997	8	35	2	0.010	35	0-14.5	14.5-36.25	14.5-36.25	22.5	33.98

Abbreviations and Notes:
bgs = below ground surface
GW = groundwater
TOC = top of casing
amsl = measured relative to mean sea level
NA = data not available
* = Well MW-3 was destroyed by pressure grouting on January 29, 2007 by Cambria.

Table 2. Groundwater Analytical and Elevation Data: Petroleum Hydrocarbons - Chiu Property, 800 Franklin Street, Oakland, California

Well ID *TOC Elevation* (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Chloroform	1,2-DCA
				← µg/L →									
MW-1	10/12/1989†	22.87	10.55	ND	--	--	ND	ND	ND	ND	--	0.8	8.6
33.42	10/31/1991	--	--	630	960	1,700	3.2	ND<0.5	ND<0.5	130	--	--	0.0098
34.89	10/21/1992	23.48	11.41	520	--	--	78	38	ND<0.5	120	--	--	ND
	2/25/1993	22.51	12.38	1,600	--	--	160	190	34	350	--	--	--
	4/27/1993	22.36	12.53	380	--	--	5.2	ND<0.5	ND<0.5	74	--	--	--
	10/7/1993	--	12.10	1,000	--	--	81	150	47	230	--	--	--
33.98	3/28/1994	--	11.91	460	--	--	14	25	14	39	--	--	--
	4/29/1994	--	--	--	--	--	--	--	--	--	--	--	--
	6/10/1994	--	11.66	--	--	--	--	--	--	--	--	--	--
	7/8/1994	--	11.62	--	--	--	--	--	--	--	--	--	--
	7/26/1994	--	11.48	--	--	--	--	--	--	--	--	--	--
	8/25/1994	--	11.47	--	--	--	--	--	--	--	--	--	--
	10/27/1994	22.51	11.47	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
	1/6/1995	--	12.08	--	--	--	--	--	--	--	--	--	--
	2/1/1995	--	12.79	--	--	--	--	--	--	--	--	--	--
	3/29/1995	--	12.75	--	--	--	--	--	--	--	--	--	--
	10/31/1995	--	12.48	1,400	--	--	15	38	49	510	19	--	--
	5/21/1997	--	12.49	150	--	--	2.9	1.5	8.6	26	ND<5.0	--	--
	8/10/2004	23.35	10.63	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	9/28/2004+	--	--	--	--	--	--	--	--	--	--	--	--
	12/21/2004	22.93	11.05	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	3/11/2005+	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/2005	20.68	13.30	ND<50	--	--	0.64	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	9/1/2005	20.74	13.24	ND<50	--	--	1.2	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	12/16/2005	20.95	13.03	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	3/10/2006	20.34	13.64	ND<50	--	--	0.60	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	9/15/2006	21.51	12.47	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	6.4	ND<0.5
	3/8/2007	21.81	12.17	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	0.72	ND<0.5	ND<5.0	6.9	ND<0.5
	9/17/2007	**22.08**	**11.90**	**ND<50**	**ND<50**	**ND<250**	**ND<0.5**	**ND<0.5**	**2.3**	**ND<0.5**	**ND<0.5**	**4.7**	**ND<0.5**
MW-2	10/12/1989†	23.25	10.40	38,000	--	3,900	1,300	1,200	ND	4,700	--	--	--
33.66	10/31/1991	--	--	10,000	1,500	--	1,800	1,200	270	960	--	--	0.17
	11/6/1991	24.02	9.64	--	--	--	--	--	--	--	--	--	--
	10/21/1992	22.42	11.24	270,000	--	--	9,700	4,500	9,600	56,000	--	--	15.4

Table 2. Groundwater Analytical and Elevation Data: Petroleum Hydrocarbons - Chiu Property, 800 Franklin Street, Oakland, California

Well ID *TOC Elevation* (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Chloroform	1,2-DCA
				←			µg/L						→
MW-2 cont.	2/25/1993	21.50	12.16	49,000	--	--	4,300	11,000	1,300	9,100	--	--	--
	4/27/1993	21.26	12.40	39,000	--	--	1,400	4,000	220	5,200	--	--	--
	10/7/1993	--	12.04	50,000	--	--	2,700	8,100	940	7,800	--	--	--
	3/28/1994	--	11.88	20,000	--	--	360	1,300	220	1,800	--	--	--
	4/29/1994	--	11.87	--	--	--	--	--	--	--	--	--	--
	6/10/1994	--	11.44	--	--	--	--	--	--	--	--	--	--
	7/8/1994	--	11.42	--	--	--	--	--	--	--	--	--	--
	7/26/1994	--	11.22	--	--	--	--	--	--	--	--	--	--
	8/25/1994	--	11.01	--	--	--	--	--	--	--	--	--	--
	10/27/1994	22.66	11.00	21,000	--	--	1,200	3,700	600	4,300	--	--	--
	1/6/1995	--	11.66	--	--	--	--	--	--	--	--	--	--
	2/1/1995	--	12.21	--	--	--	--	--	--	--	--	--	--
	3/29/1995	--	12.66	--	--	--	--	--	--	--	--	--	--
	10/31/1995	--	11.51	45,000	--	--	3,100	8,800	1,200	8,400	810	--	--
	5/21/1997	--	12.65	18,000	--	--	1,400	4,200	680	3,600	370	--	--
	8/10/2004	21.03	12.63	47,000 (a)	--	--	4,200	4,900	1,400	6,000	ND<500	--	--
	9/28/2004	22.95	10.71	--	--	--	--	--	--	--	--	--	--
	12/21/2004	20.91	12.75	13,000 (a)	--	--	500	310	34	1600	ND<100	--	--
	3/11/2005	11.35	22.31	32,000 (a)	--	--	970	2,400	890	4,200	ND<1,000	--	--
	6/16/2005	20.50	13.16	43,000 (a,i)	--	--	1,500	3,400	1,200	5,400	ND<1,200	--	--
	9/1/2005	20.60	13.06	20,000 (a)	--	--	640	1,700	460	2,200	ND<200	--	--
	12/16/2005	20.83	12.83	32,000 (a,i)	--	--	1,000	3,100	760	3,800	ND<500	--	--
	3/10/2006	20.05	13.61	20,000 (a)	--	--	460	1,900	440	2,400	ND<400	--	--
	9/15/2006	21.31	12.35	43,000 (a)	3,100 (d)	ND<250	1,600	4,400	1,100	5,100	ND<500	16	ND<10
	3/8/2007	21.62	12.04	30,000 (a,h)	4,600 (d,h)	ND<1,200	1,200	3,400	890	4,500	ND<500	ND<50	ND<50 (j,h)
	9/17/2007	**21.92**	**11.74**	**31,000 (a)**	**6,600 (d,b)**	**340**	**790**	**3,000**	**700**	**3,100**	**ND<100**	**ND<100**	**ND<100**
MW-3	10/12/1989†	24.02	10.21	87,000	--	4,500	3,200	8,800	ND	6,500	--	--	70.0
34.23	10/31/1991	--	--	310,000	25,000	--	9,300	25,000	5,600	27,000	--	--	0.058
	11/6/1991	23.52	10.71	--	--	--	--	--	--	--	--	--	--
	10/21/1992	23.32	10.91	22,000	--	--	10,000	4,300	790	2,100	--	--	ND
	2/25/1993	22.51	11.72	29,000	--	--	8,400	5,400	1,300	3,300	--	--	--
	4/27/1993	22.37	11.86	50,000	--	--	8,200	8,700	1,000	5,400	--	--	--
	10/7/1993	--	14.19	1,700	--	--	3,100	3,700	400	1,700	--	--	--

Table 2. Groundwater Analytical and Elevation Data: Petroleum Hydrocarbons - Chiu Property, 800 Franklin Street, Oakland, California

Well ID *TOC Elevation* (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Chloroform	1,2-DCA
				←			µg/L						→
MW-3 cont.	3/28/1994	--	11.52	53,000	--	--	3,900	4,600	710	2,500	--	--	--
	4/29/1994	--	11.34	--	--	--	--	--	--	--	--	--	--
	6/10/1994	--	11.13	--	--	--	--	--	--	--	--	--	--
	7/8/1994	--	11.09	--	--	--	--	--	--	--	--	--	--
	7/26/1994	--	10.94	--	--	--	--	--	--	--	--	--	--
	8/25/1994	--	10.80	--	--	--	--	--	--	--	--	--	--
	10/27/1994	23.56	10.67	8,500	--	--	2,700	2,700	490	2,000	--	--	--
	1/6/1995	--	11.33	--	--	--	--	--	--	--	--	--	--
	2/1/1995	--	11.79	--	--	--	--	--	--	--	--	--	--
	3/29/1995	--	12.10	--	--	--	--	--	--	--	--	--	--
	10/31/1995	--	11.23	19,000	--	--	4,400	4,600	720	2,900	410	--	--
	5/21/1997	--	11.68	4,000	--	--	810	840	190	690	ND<100	--	--
	9/28/2004			*Well is damaged. Unable to measure depth to water or collect sample.*									
	12/21/2004			*Well is damaged. Unable to measure depth to water or collect sample.*									
	3/11/2005			*Well is damaged. Unable to measure depth to water or collect sample.*									
	6/16/2005			*Well is damaged. Unable to measure depth to water or collect sample.*									
	9/1/2005			*Well is damaged. Unable to measure depth to water or collect sample.*									
	12/16/2005			*Well is damaged. Unable to measure depth to water or collect sample.*									
	3/10/2006			*Well is damaged. Unable to measure depth to water or collect sample.*									
	9/15/2006			***Well is damaged. Unable to measure depth to water or collect sample.***									
	1/29/2007			***Well property destroyed by Cambria.***									
				MW-3A replaces MW-3									
MW-3A	1/29/2007												
34.16	3/8/2007	22.42	11.74	30,000 (a,i)	1,700 (d,i)	ND<250	2,600	4,400	710	4,600	ND<1,000	ND<50	ND<50 (j)
	9/17/2007	**22.65**	**11.51**	**9,800 (a)**	**980 (d)**	**ND<250**	**1,100**	**1,800**	**270**	**1,100**	**ND<25**	**ND<25**	**ND<25**
MW-4	10/31/1991	--	--	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	2.6	ND
33.64	11/6/1991	23.32	10.32	--	--	--	--	--	--	--	--	--	--
	10/21/1992	22.10	11.54	410	--	--	3.1	29	6.8	47	--	--	ND
	2/25/1993	21.13	12.51	170	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
	4/27/1993	20.74	12.90	100	--	--	ND<0.5	ND<0.5	ND<0.5	0.9	--	--	--
	10/7/1993	--	12.52	240	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
	3/28/1994	--	12.34	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
	4/29/1994	--	11.33	--	--	--	--	--	--	--	--	--	--

Table 2. Groundwater Analytical and Elevation Data: Petroleum Hydrocarbons - Chiu Property, 800 Franklin Street, Oakland, California

Well ID *TOC Elevation* (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Chloroform	1,2-DCA
				←				µg/L					→
MW-4 cont.	6/10/1994	--	11.55	--	--	--	--	--	--	--	--	--	--
	7/8/1994	--	11.54	--	--	--	--	--	--	--	--	--	--
	7/26/1994	--	11.30	--	--	--	--	--	--	--	--	--	--
	8/25/1994	--	11.09	--	--	--	--	--	--	--	--	--	--
	10/27/1994	22.69	10.95	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
	1/6/1995	--	11.70	--	--	--	--	--	--	--	--	--	--
	2/1/1995	--	12.34	--	--	--	--	--	--	--	--	--	--
	3/29/1995	--	12.76	--	--	--	--	--	--	--	--	--	--
	10/31/1995	--	11.61	80	--	--	ND<0.5	0.6	ND<0.5	1.0	ND<0.5	--	--
	5/21/1997	--	12.08	ND<50	--	--	11	120	27	180	ND<5.0	--	--
	9/28/2004	22.72	10.92	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	12/21/2004	20.65	12.99	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	3/11/2005	20.20	13.44	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	6/16/2005	20.38	13.26	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	9/1/2005	20.48	13.16	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	12/16/2005	20.78	12.86	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	3/10/2006	19.81	13.83	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	9/15/2006	21.16	12.48	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	28	ND<0.5
	3/8/2007	21.52	12.12	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	23	ND<0.5
	9/17/2007	**21.84**	**11.80**	**ND<50**	**ND<50**	**ND<250**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**18**	**ND<0.5**
MW-5	10/31/1991	--	--	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	1.1	--
33.51	11/6/1991	24.00	9.51	ND	--	--	ND	ND	ND	ND	--	--	--
	10/21/1992	23.24	10.27	840	--	--	17	120	39	180	--	--	--
33.56	2/25/1993	22.40	11.16	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
	4/27/1993	22.15	11.41	260	--	--	53	19	1.2	2.4	--	--	--
	10/7/1993	--	11.06	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
	3/28/1994	--	10.95	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
	4/29/1994	--	10.91	--	--	--	--	--	--	--	--	--	--
	6/10/1994	--	10.68	--	--	--	--	--	--	--	--	--	--
	7/8/1994	--	10.60	--	--	--	--	--	--	--	--	--	--
	7/26/1994	--	10.45	--	--	--	--	--	--	--	--	--	--
	8/25/1994	--	10.28	--	--	--	--	--	--	--	--	--	--
	10/27/1994	23.50	10.06	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--

Table 2. Groundwater Analytical and Elevation Data: Petroleum Hydrocarbons - Chiu Property, 800 Franklin Street, Oakland, California

Well ID *TOC Elevation* (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Chloroform	1,2-DCA
				←				µg/L					→
MW-5 cont.	1/6/1995	--	10.78	--	--	--	--	--	--	--	--	--	--
	2/1/1995	--	11.25	--	--	--	--	--	--	--	--	--	--
	3/29/1995	--	11.63	--	--	--	--	--	--	--	--	--	--
	10/31/1995	--	10.64	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--
	5/21/1997	--	11.04	260	--	--	2.4	33	7.7	56	ND<5.0	--	--
	9/28/2004	23.70	9.86	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	1.5	ND<5.0	--	--
	12/21/2004	21.40	12.16	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	3/11/2005	21.40	12.16	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	6/16/2005	21.63	11.93	ND<50 (i)	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	9/1/2005	21.65	11.91	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	12/16/2005	21.94	11.62	ND<50 (i)	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	3/10/2006	21.11	12.45	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	9/15/2006	22.20	11.36	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	10	ND<0.5
	3/8/2007	22.44	11.12	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	18	ND<0.5
	9/17/2007	**22.73**	**10.83**	**ND<50**	**ND<50**	**ND<250**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**14**	**ND<0.5**
MW-6	5/21/1997	--	11.26	760	--	--	2.5	1.7	ND<0.50	25	10	--	--
33.98	9/28/2004	24.00	9.98	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	12/21/2004	21.61	12.37	ND<50	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
	3/11/2005	21.60	12.38	340 (a)	--	--	1.9	2.6	0.68	0.61	ND<5.0	--	--
	6/16/2005	21.81	12.17	1,300 (a)	--	--	58	8.3	6.1	4.0	ND<25	--	--
	9/1/2005	21.82	12.16	1,900 (a)	--	--	150	19	18	76	ND<12	--	--
	12/16/2005	22.03	11.95	3,600 (a,i)	--	--	560	63	33	230	ND<50	--	--
	3/10/2006	21.46	12.52	2,200 (a)	--	--	240	10	20	87	ND<50	--	--
	9/15/2006	22.46	11.52	1,800 (a)	480 (d)	ND<250	10	6.7	9.9	42	ND<17	3.2	ND<0.5
	3/8/2007	22.64	11.34	4,300 (a)	890 (d)	ND<250	260	36	29	140	ND<60	ND<10	ND<10 (j)
	9/17/2007	**22.88**	**11.10**	**7,000 (a)**	**970 (d)**	**ND<250**	**760**	**28**	**46**	**270**	**ND<10**	**ND<10**	**ND<10**

Abbreviations:

TOC Elevation = Top of well casing elevation measured in feet above mean sea level

msl = Above mean sea level

µg/L = Micrograms per liter

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

TPHd = Total petroleum hydrocarbons as diesel by EPA Method SW8015C with silica gel cleanup.

Notes:

(a) = unmodified or weakly modified gasoline is significant

(b) = diesel range compounds are significant; no recognizable pattern

(d) = gasoline range compounds are significant

(h) = lighter than water immiscible sheen/product is present

(i) = liquid sample that contains ~1 vol. % sediment

Table 2. Groundwater Analytical and Elevation Data: Petroleum Hydrocarbons - Chiu Property, 800 Franklin Street, Oakland, California

Well ID *TOC Elevation* (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Chloroform	1,2-DCA
				← µg/L →									

TPHmo = Total petroleum hydrocarbons as motor oil by EPA Method SW8015C with silica gel cleanup.
Benzene, toluene, ethylbenzene, and xylenes by EPA Method SW8021B.
MTBE = Methyl tertiary-butyl ether by EPA Method SW8021B.
Chloroform by EPA Method SW8260B.
1,2-DCA = 1,2-Dichloroethane by EPA Method SW8260B.

(j) = sample diluted due to high organic content/matrix interference

ND<5.0 = Not detected above detection limit.
-- = Not available, not analyzed, or does not apply

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX A

Groundwater Monitoring Field Data Sheets

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Conestoga-Rovers and Associates

Site Address: 800 Franklin Street, Oakland, CA

Date: 9/17/2007 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	11:25		22.08		33.35	
MW-2	1:15		21.92		34.20	
MW-3A	12:30		22.65		34.25	
MW-4	9:50		21.84		33.61	
MW-5	10:35		22.73		34.58	
MW-6	12:00		22.88		32.89	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/17/2007
Client:	Conestoga-Rovers and Associates
Site Address:	800 Franklin Street, Oakland, Ca
Well ID:	MW-1
Well Diameter:	2"
Purging Device:	Check Valve Tubing
Sampling Method:	Disposable Bailer

Total Well Depth:	33.35
Depth to Water:	22.08
Water Column Height:	11.27
Gallons/ft:	0.16
1 Casing Volume (gal):	1.80
3 Casing Volumes (gal):	5.41

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS:
very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:30	1.8	21.4	7.73	644
11:35	3.6	20.9	7.75	678
11:40	5.4	21.0	7.75	679

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1	9/17/2007	11:45	40 ml VOA, 1 L Amber	HCl, ICE	TPHg TPHd TPHmo full VOCs list	8015, silica gel clean up, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/17/2007
Client:	Conestoga-Rovers and Associates
Site Address:	800 Franklin Street, Oakland, Ca
Well ID:	MW-2
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	34.20	**Fe=**	**mg/L**
Depth to Water:	21.92	**ORP=**	**mV**
Water Column Height:	12.28	***DO=***	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.96		
3 Casing Volumes (gal):	5.89		

COMMENTS:
very turbid, very silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
1:20	2.0	22.1	7.24	1341
1:25	3.9	21.5	7.28	1380
1:30	5.9	21.5	7.25	1363

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2	9/17/2007	1:35	40 ml VOA, 1 L Amber	HCl, ICE	TPHg TPHd TPHmo full VOCs list	8015, silica gel clean up, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/17/2007
Client:	Conestoga-Rovers and Associates
Site Address:	800 Franklin Street, Oakland, Ca
Well ID:	MW-3A
Well Diameter:	4"
Purging Device:	3" PVC Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	34.25
Depth to Water:	22.65
Water Column Height:	11.60
Gallons/ft:	0.65
1 Casing Volume (gal):	7.54
3 Casing Volumes (gal):	22.62

Fe=	**mg/L**
ORP=	**mV**
***DO*=**	**mg/L**

COMMENTS:
very turbid, very silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
12:35	7.5	21.8	7.00	659
12:40	15.1	21.5	7.07	657
12:45	22.6	21.9	7.02	650

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3A	9/17/2007	12:50	40 ml VOA, 1 L Amber	HCl, ICE	TPHg TPHd TPHmo full VOCs list	8015, silica gel clean up, 8260
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/17/2007
Client:	Conestoga-Rovers and Associates
Site Address:	800 Franklin Street, Oakland, Ca
Well ID:	MW-4
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	33.61	**Fe=**	**mg/L**
Depth to Water:	21.84	**ORP=**	**mV**
Water Column Height:	11.77	***DO=***	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.88		
3 Casing Volumes (gal):	5.65		

COMMENTS:
very turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:05	1.9	20.4	7.70	638
10:10	3.8	19.9	7.71	639
10:15	5.6	19.9	7.65	632

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-4	9/17/2007	10:20	40 ml VOA, 1 L Amber	HCl, ICE	TPHg TPHd TPHmo full VOCs list	8015, silica gel clean up, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/17/2007
Client:	Conestoga-Rovers and Associates
Site Address:	800 Franklin Street, Oakland, Ca
Well ID:	MW-5
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	34.58
Depth to Water:	22.73
Water Column Height:	11.85
Gallons/ft:	0.16
1 Casing Volume (gal):	1.90
3 Casing Volumes (gal):	5.69

Fe=	**mg/L**
ORP=	**mV**
***DO*=**	**mg/L**

COMMENTS:
very turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:40	1.9	20.3	7.60	423
10:45	3.8	20.1	7.52	431
10:50	5.7	19.7	7.54	419

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-5	9/17/2007	10:55	40 ml VOA, 1 L Amber	HCl, ICE	TPHg TPHd TPHmo full VOCs list	8015, silica gel clean up, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/17/2007
Client:	Conestoga-Rovers and Associates
Site Address:	800 Franklin Street, Oakland, Ca
Well ID:	MW-6
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	32.89	**Fe=**	**mg/L**
Depth to Water:	22.88	**ORP=**	**mV**
Water Column Height:	10.01	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.60		
3 Casing Volumes (gal):	4.80		

COMMENTS:
very turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
12:05	1.6	21.1	6.89	810
12:10	3.2	20.7	6.90	827
12:15	4.8	20.5	6.98	852

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6	9/17/2007	12:20	40 ml VOA, 1 L Amber	HCl, ICE	TPHg TPHd TPHmo full VOCs list	8015, silica gel clean up, 8260

Signature:

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX B

Laboratory Analytical Report

McCampbell 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

Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 09/17/07
5900 Hollis St, Suite A		Date Received: 09/17/07
Emeryville, CA 94608	Client Contact: Mark Jonas	Date Reported: 09/24/07
	Client P.O.:	Date Completed: 09/24/07

WorkOrder: 0709351

September 24, 2007

Dear Mark:

Enclosed are:

1). the results of **6** analyzed samples from your **#581000; Chiu project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

070935 1

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
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: Mark Jonas Bill To: Cornerstone Rovers & Associates

Company: Cornerstone-Rovers & Associates
5900 Hollis Street, Ste A
Emeryville, CA

E-Mail: mjonas@rovers.com

Tele: (510) 420-3309 Fax: (510) 420-9170

Project #: 581000 Project Name: Chiu

Project Location: 800 Franklin Street, Oakland, CA

Sampler Signature: Muskan Environmental Sampling

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
MW-1		9-17-07	11:45	4	VOA	✓					✓	✓		
MW-2			1:35											
MW-3A			12:50											
MW-4			10:20											
MW-5			10:55											
MW-6		✓	12:20	✓	✓	✓					✓	✓		

Analysis Request

TPH as Gas (602 / 8021 + 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E&F&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
✓	✓															Full VOC list by 8260B	Filter Samples for Metals analysis: Yes / No
✓	✓																
✓	✓															✓	

Relinquished By:	Date:	Time:	Received By:
	9/17/07	2357	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

COMMENTS:

ICE/t° 8 2
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

McCampbell 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

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **9/17/2007 2:49:48 PM**

Project Name: **#581000; Chiu**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0709351** Matrix Water
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 8.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell 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

Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 09/17/07
		Date Received: 09/17/07
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 09/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 09/19/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0709351

Lab ID	0709351-001B
Client ID	MW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	4.7	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	2.3	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	99	%SS2:	93
%SS3:	106		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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

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Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 09/17/07
		Date Received: 09/17/07
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 09/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 09/19/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0709351

Lab ID	0709351-002B
Client ID	MW-2
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<2000	200	10	Acrolein (Propenal)	ND<1000	200	5.0
Acrylonitrile	ND<400	200	2.0	tert-Amyl methyl ether (TAME)	ND<100	200	0.5
Benzene	790	200	0.5	Bromobenzene	ND<100	200	0.5
Bromochloromethane	ND<100	200	0.5	Bromodichloromethane	ND<100	200	0.5
Bromoform	ND<100	200	0.5	Bromomethane	ND<100	200	0.5
2-Butanone (MEK)	ND<400	200	2.0	t-Butyl alcohol (TBA)	ND<1000	200	5.0
n-Butyl benzene	ND<100	200	0.5	sec-Butyl benzene	ND<100	200	0.5
tert-Butyl benzene	ND<100	200	0.5	Carbon Disulfide	ND<100	200	0.5
Carbon Tetrachloride	ND<100	200	0.5	Chlorobenzene	ND<100	200	0.5
Chloroethane	ND<100	200	0.5	2-Chloroethyl Vinyl Ether	ND<200	200	1.0
Chloroform	ND<100	200	0.5	Chloromethane	ND<100	200	0.5
2-Chlorotoluene	ND<100	200	0.5	4-Chlorotoluene	ND<100	200	0.5
Dibromochloromethane	ND<100	200	0.5	1,2-Dibromo-3-chloropropane	ND<100	200	0.5
1,2-Dibromoethane (EDB)	ND<100	200	0.5	Dibromomethane	ND<100	200	0.5
1,2-Dichlorobenzene	ND<100	200	0.5	1,3-Dichlorobenzene	ND<100	200	0.5
1,4-Dichlorobenzene	ND<100	200	0.5	Dichlorodifluoromethane	ND<100	200	0.5
1,1-Dichloroethane	ND<100	200	0.5	1,2-Dichloroethane (1,2-DCA)	ND<100	200	0.5
1,1-Dichloroethene	ND<100	200	0.5	cis-1,2-Dichloroethene	ND<100	200	0.5
trans-1,2-Dichloroethene	ND<100	200	0.5	1,2-Dichloropropane	ND<100	200	0.5
1,3-Dichloropropane	ND<100	200	0.5	2,2-Dichloropropane	ND<100	200	0.5
1,1-Dichloropropene	ND<100	200	0.5	cis-1,3-Dichloropropene	ND<100	200	0.5
trans-1,3-Dichloropropene	ND<100	200	0.5	Diisopropyl ether (DIPE)	ND<100	200	0.5
Ethylbenzene	700	200	0.5	Ethyl tert-butyl ether (ETBE)	ND<100	200	0.5
Freon 113	ND<2000	200	10	Hexachlorobutadiene	ND<100	200	0.5
Hexachloroethane	ND<100	200	0.5	2-Hexanone	ND<100	200	0.5
Isopropylbenzene	ND<100	200	0.5	4-Isopropyl toluene	ND<100	200	0.5
Methyl-t-butyl ether (MTBE)	ND<100	200	0.5	Methylene chloride	ND<100	200	0.5
4-Methyl-2-pentanone (MIBK)	ND<100	200	0.5	Naphthalene	110	200	0.5
Nitrobenzene	ND<2000	200	10	n-Propyl benzene	100	200	0.5
Styrene	ND<100	200	0.5	1,1,1,2-Tetrachloroethane	ND<100	200	0.5
1,1,2,2-Tetrachloroethane	ND<100	200	0.5	Tetrachloroethene	ND<100	200	0.5
Toluene	3000	200	0.5	1,2,3-Trichlorobenzene	ND<100	200	0.5
1,2,4-Trichlorobenzene	ND<100	200	0.5	1,1,1-Trichloroethane	ND<100	200	0.5
1,1,2-Trichloroethane	ND<100	200	0.5	Trichloroethene	ND<100	200	0.5
Trichlorofluoromethane	ND<100	200	0.5	1,2,3-Trichloropropane	ND<100	200	0.5
1,2,4-Trimethylbenzene	1000	200	0.5	1,3,5-Trimethylbenzene	220	200	0.5
Vinyl Chloride	ND<100	200	0.5	Xylenes	3100	200	0.5

Surrogate Recoveries (%)

%SS1:	101	%SS2:	98
%SS3:	92		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 09/17/07
		Date Received: 09/17/07
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 09/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 09/19/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0709351

Lab ID	0709351-003B
Client ID	MW-3A
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<500	50	10	Acrolein (Propenal)	ND<250	50	5.0
Acrylonitrile	ND<100	50	2.0	tert-Amyl methyl ether (TAME)	ND<25	50	0.5
Benzene	1100	50	0.5	Bromobenzene	ND<25	50	0.5
Bromochloromethane	ND<25	50	0.5	Bromodichloromethane	ND<25	50	0.5
Bromoform	ND<25	50	0.5	Bromomethane	ND<25	50	0.5
2-Butanone (MEK)	ND<100	50	2.0	t-Butyl alcohol (TBA)	ND<250	50	5.0
n-Butyl benzene	ND<25	50	0.5	sec-Butyl benzene	ND<25	50	0.5
tert-Butyl benzene	ND<25	50	0.5	Carbon Disulfide	ND<25	50	0.5
Carbon Tetrachloride	ND<25	50	0.5	Chlorobenzene	ND<25	50	0.5
Chloroethane	ND<25	50	0.5	2-Chloroethyl Vinyl Ether	ND<50	50	1.0
Chloroform	ND<25	50	0.5	Chloromethane	ND<25	50	0.5
2-Chlorotoluene	ND<25	50	0.5	4-Chlorotoluene	ND<25	50	0.5
Dibromochloromethane	ND<25	50	0.5	1,2-Dibromo-3-chloropropane	ND<25	50	0.5
1,2-Dibromoethane (EDB)	ND<25	50	0.5	Dibromomethane	ND<25	50	0.5
1,2-Dichlorobenzene	ND<25	50	0.5	1,3-Dichlorobenzene	ND<25	50	0.5
1,4-Dichlorobenzene	ND<25	50	0.5	Dichlorodifluoromethane	ND<25	50	0.5
1,1-Dichloroethane	ND<25	50	0.5	1,2-Dichloroethane (1,2-DCA)	ND<25	50	0.5
1,1-Dichloroethene	ND<25	50	0.5	cis-1,2-Dichloroethene	ND<25	50	0.5
trans-1,2-Dichloroethene	ND<25	50	0.5	1,2-Dichloropropane	ND<25	50	0.5
1,3-Dichloropropane	ND<25	50	0.5	2,2-Dichloropropane	ND<25	50	0.5
1,1-Dichloropropene	ND<25	50	0.5	cis-1,3-Dichloropropene	ND<25	50	0.5
trans-1,3-Dichloropropene	ND<25	50	0.5	Diisopropyl ether (DIPE)	ND<25	50	0.5
Ethylbenzene	270	50	0.5	Ethyl tert-butyl ether (ETBE)	ND<25	50	0.5
Freon 113	ND<500	50	10	Hexachlorobutadiene	ND<25	50	0.5
Hexachloroethane	ND<25	50	0.5	2-Hexanone	ND<25	50	0.5
Isopropylbenzene	ND<25	50	0.5	4-Isopropyl toluene	ND<25	50	0.5
Methyl-t-butyl ether (MTBE)	ND<25	50	0.5	Methylene chloride	ND<25	50	0.5
4-Methyl-2-pentanone (MIBK)	ND<25	50	0.5	Naphthalene	27	50	0.5
Nitrobenzene	ND<500	50	10	n-Propyl benzene	27	50	0.5
Styrene	ND<25	50	0.5	1,1,1,2-Tetrachloroethane	ND<25	50	0.5
1,1,2,2-Tetrachloroethane	ND<25	50	0.5	Tetrachloroethene	ND<25	50	0.5
Toluene	1800	50	0.5	1,2,3-Trichlorobenzene	ND<25	50	0.5
1,2,4-Trichlorobenzene	ND<25	50	0.5	1,1,1-Trichloroethane	ND<25	50	0.5
1,1,2-Trichloroethane	ND<25	50	0.5	Trichloroethene	ND<25	50	0.5
Trichlorofluoromethane	ND<25	50	0.5	1,2,3-Trichloropropane	ND<25	50	0.5
1,2,4-Trimethylbenzene	220	50	0.5	1,3,5-Trimethylbenzene	55	50	0.5
Vinyl Chloride	ND<25	50	0.5	Xylenes	1100	50	0.5

Surrogate Recoveries (%)

%SS1:	101	%SS2:	97
%SS3:	93		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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

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Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 09/17/07
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5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 09/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 09/19/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0709351

Lab ID	0709351-004B
Client ID	MW-4
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	18	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	103	%SS2:	98
%SS3:	95		

Comments:

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

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

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5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 09/19/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 09/19/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0709351

Lab ID	0709351-005B
Client ID	MW-5
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	0.77	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	14	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	105	%SS2:	99
%SS3:	96		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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

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Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 09/17/07
		Date Received: 09/17/07
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 09/21/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 09/21/07

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0709351

Lab ID	0709351-006B
Client ID	MW-6
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<200	20	10	Acrolein (Propenal)	ND<100	20	5.0
Acrylonitrile	ND<40	20	2.0	tert-Amyl methyl ether (TAME)	ND<10	20	0.5
Benzene	760	20	0.5	Bromobenzene	ND<10	20	0.5
Bromochloromethane	ND<10	20	0.5	Bromodichloromethane	ND<10	20	0.5
Bromoform	ND<10	20	0.5	Bromomethane	ND<10	20	0.5
2-Butanone (MEK)	ND<40	20	2.0	t-Butyl alcohol (TBA)	ND<100	20	5.0
n-Butyl benzene	16	20	0.5	sec-Butyl benzene	ND<10	20	0.5
tert-Butyl benzene	ND<10	20	0.5	Carbon Disulfide	ND<10	20	0.5
Carbon Tetrachloride	ND<10	20	0.5	Chlorobenzene	ND<10	20	0.5
Chloroethane	ND<10	20	0.5	2-Chloroethyl Vinyl Ether	ND<20	20	1.0
Chloroform	ND<10	20	0.5	Chloromethane	ND<10	20	0.5
2-Chlorotoluene	ND<10	20	0.5	4-Chlorotoluene	ND<10	20	0.5
Dibromochloromethane	ND<10	20	0.5	1,2-Dibromo-3-chloropropane	ND<10	20	0.5
1,2-Dibromoethane (EDB)	ND<10	20	0.5	Dibromomethane	ND<10	20	0.5
1,2-Dichlorobenzene	ND<10	20	0.5	1,3-Dichlorobenzene	ND<10	20	0.5
1,4-Dichlorobenzene	ND<10	20	0.5	Dichlorodifluoromethane	ND<10	20	0.5
1,1-Dichloroethane	ND<10	20	0.5	1,2-Dichloroethane (1,2-DCA)	ND<10	20	0.5
1,1-Dichloroethene	ND<10	20	0.5	cis-1,2-Dichloroethene	ND<10	20	0.5
trans-1,2-Dichloroethene	ND<10	20	0.5	1,2-Dichloropropane	ND<10	20	0.5
1,3-Dichloropropane	ND<10	20	0.5	2,2-Dichloropropane	ND<10	20	0.5
1,1-Dichloropropene	ND<10	20	0.5	cis-1,3-Dichloropropene	ND<10	20	0.5
trans-1,3-Dichloropropene	ND<10	20	0.5	Diisopropyl ether (DIPE)	ND<10	20	0.5
Ethylbenzene	46	20	0.5	Ethyl tert-butyl ether (ETBE)	ND<10	20	0.5
Freon 113	ND<200	20	10	Hexachlorobutadiene	ND<10	20	0.5
Hexachloroethane	ND<10	20	0.5	2-Hexanone	ND<10	20	0.5
Isopropylbenzene	62	20	0.5	4-Isopropyl toluene	ND<10	20	0.5
Methyl-t-butyl ether (MTBE)	ND<10	20	0.5	Methylene chloride	ND<10	20	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	20	0.5	Naphthalene	160	20	0.5
Nitrobenzene	ND<200	20	10	n-Propyl benzene	150	20	0.5
Styrene	ND<10	20	0.5	1,1,1,2-Tetrachloroethane	ND<10	20	0.5
1,1,2,2-Tetrachloroethane	ND<10	20	0.5	Tetrachloroethene	ND<10	20	0.5
Toluene	28	20	0.5	1,2,3-Trichlorobenzene	ND<10	20	0.5
1,2,4-Trichlorobenzene	ND<10	20	0.5	1,1,1-Trichloroethane	ND<10	20	0.5
1,1,2-Trichloroethane	ND<10	20	0.5	Trichloroethene	ND<10	20	0.5
Trichlorofluoromethane	ND<10	20	0.5	1,2,3-Trichloropropane	ND<10	20	0.5
1,2,4-Trimethylbenzene	13	20	0.5	1,3,5-Trimethylbenzene	ND<10	20	0.5
Vinyl Chloride	ND<10	20	0.5	Xylenes	270	20	0.5

Surrogate Recoveries (%)

%SS1:	102	%SS2:	102
%SS3:	97		

Comments:

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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

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Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 09/17/07
5900 Hollis St, Suite A		Date Received: 09/17/07
Emeryville, CA 94608	Client Contact: Mark Jonas	Date Extracted: 09/18/07-09/21/07
	Client P.O.:	Date Analyzed 09/18/07-09/21/07

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0709351

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	MW-1	W	ND	1	91
002A	MW-2	W	31,000,a	100	115
003A	MW-3A	W	9800,a	20	109
004A	MW-4	W	ND	1	106
005A	MW-5	W	ND	1	105
006A	MW-6	W	7000,a	10	86

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 09/17/07
5900 Hollis St, Suite A		Date Received: 09/17/07
Emeryville, CA 94608	Client Contact: Mark Jonas	Date Extracted: 09/17/07
	Client P.O.:	Date Analyzed 09/18/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C Analytical methods: SW8015C Work Order: 0709351

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0709351-001A	MW-1	W	ND	ND	1	100
0709351-002A	MW-2	W	6600,d,b	340	1	113
0709351-003A	MW-3A	W	980,d	ND	1	106
0709351-004A	MW-4	W	ND	ND	1	97
0709351-005A	MW-5	W	ND	ND	1	106
0709351-006A	MW-6	W	970,d	ND	1	95

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

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

#) cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; &) low or no surrogate due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to matrix interference; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; p) see attached narrative.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0709351

EPA Method SW8260B	Extraction SW5030B	BatchID: 30651	Spiked Sample ID: 0709351-001B

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
tert-Amyl methyl ether (TAME)	ND	10	91.9	95.8	4.16	83.6	88	5.20	70 - 130	30	70 - 130	30
Benzene	ND	10	89.8	93.6	4.09	82.2	84.1	2.25	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	84.8	90.1	6.07	80.1	81.8	2.11	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	107	112	4.44	102	104	2.17	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	129	129	0	120	124	3.61	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	88.3	91.1	3.13	77.6	82.7	6.39	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	99.8	104	4.61	94.1	96.4	2.50	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	97	101	4.11	89	92.2	3.56	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	85	88.4	3.95	77.7	81.4	4.63	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	92.7	96.8	4.32	85	88.9	4.53	70 - 130	30	70 - 130	30
Toluene	ND	10	92.8	95.6	3.06	86.6	88	1.59	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	87.2	91.7	4.96	83.1	86.4	3.94	70 - 130	30	70 - 130	30
%SS1:	99	10	96	96	0	97	96	1.74	70 - 130	30	70 - 130	30
%SS2:	93	10	94	95	0.927	95	94	1.13	70 - 130	30	70 - 130	30
%SS3:	106	10	102	104	1.33	100	101	0.528	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 30651 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0709351-001B	09/17/07 11:45 AM	09/19/07	09/19/07 7:12 AM	0709351-002B	09/17/07 1:35 PM	09/19/07	09/19/07 5:17 PM
0709351-003B	09/17/07 12:50 PM	09/19/07	09/19/07 6:08 PM	0709351-004B	09/17/07 10:20 AM	09/19/07	09/19/07 8:33 AM
0709351-005B	09/17/07 10:55 AM	09/19/07	09/19/07 3:34 PM	0709351-006B	09/17/07 12:20 PM	09/21/07	09/21/07 5:22 AM

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

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

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

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

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

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0709351

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 30637				Spiked Sample ID: 0709363-004A			
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)£	ND	60	105	95.1	9.67	97.2	95	2.29	70 - 130	30	70 - 130	30
MTBE	ND	10	88.8	77.8	13.3	98.2	94.2	4.09	70 - 130	30	70 - 130	30
Benzene	ND	10	93.2	83.9	10.5	101	101	0	70 - 130	30	70 - 130	30
Toluene	ND	10	93.2	83.7	10.7	97.1	97	0.124	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	97.4	88.2	9.98	98	98.9	0.911	70 - 130	30	70 - 130	30
Xylenes	ND	30	110	100	9.52	95.3	95.3	0	70 - 130	30	70 - 130	30
%SS:	106	10	90	95	4.63	105	105	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 30637 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0709351-001A	09/17/07 11:45 AM	09/18/07	09/18/07 4:10 PM	0709351-002A	09/17/07 1:35 PM	09/20/07	09/20/07 9:59 AM
0709351-003A	09/17/07 12:50 PM	09/20/07	09/20/07 10:32 AM	0709351-004A	09/17/07 10:20 AM	09/21/07	09/21/07 11:17 AM
0709351-005A	09/17/07 10:55 AM	09/18/07	09/18/07 5:08 PM	0709351-006A	09/17/07 12:20 PM	09/18/07	09/18/07 5:38 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.

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JR QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0709351

EPA Method SW8015C	Extraction SW3510C/3630C				BatchID: 30613			Spiked Sample ID: N/A				
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(d)	N/A	1000	N/A	N/A	N/A	85.4	88.5	3.65	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	94	98	3.91	N/A	N/A	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 30613 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0709351-001A	09/17/07 11:45 AM	09/17/07	09/18/07 11:48 AM	0709351-002A	09/17/07 1:35 PM	09/17/07	09/18/07 12:55 PM
0709351-003A	09/17/07 12:50 PM	09/17/07	09/18/07 2:02 PM	0709351-004A	09/17/07 10:20 AM	09/17/07	09/18/07 3:09 PM
0709351-005A	09/17/07 10:55 AM	09/17/07	09/18/07 4:15 PM	0709351-006A	09/17/07 12:20 PM	09/17/07	09/18/07 5:22 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.

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

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

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QA/QC Officer

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX C

Waste Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002621833

2. Page 1 of: 1

3. Emergency Response Phone: (800-321-1638)

4. Manifest Tracking Number: 003361776 JJK

GENERATOR

5. Generator's Name and Mailing Address
TOMMY CHIU - OWNER
800 FRANKLIN STREET
OAKLAND, CA 94607
Generator's Phone: 510 339-3579

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: PHILLIP WEST INDUSTRIAL SERVICES

U.S. EPA ID Number: CAR000177527

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
EVERGREEN OIL, INC.
6880 SMITH AVENUE
NEWARK, CA 94560
Facility's Phone: 800/972-6284

U.S. EPA ID Number: CAD988088418

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE, LIQUID (PETROLEUM OIL/WATER)	001	D M	055	G	NON-RCRA 321
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
9a OIL WATER OIL AND WATER
9b
9c
9d SR 15972

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jristina McClelland as agent for Tommy Chiu

Signature

Month: 10 Day: 5 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Louis Baldonado

Signature

Month: 10 Day: 5 Year: 07

Transporter 2 Printed/Typed Name

Signature

Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name

Signature

Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY