CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A, Emeryville, California 94608
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May 1, 2007

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

RE: Groundwater Monitoring Report - First 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 – First Quarter 2007*. Presented in the report are first quarter 2007 activities and results, and activities anticipated to be completed by the end of the third quarter 2007. 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 – First Quarter 2007*

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

CONESTOGA-ROVERS
& ASSOCIATES

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2007

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

May 1, 2007

Prepared for:

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

Prepared by:

Conestoga-Rovers & Associates, Inc.
5900 Hollis Street, Suite A
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Written by:

Christina McClelland
Staff Geologist

Reviewed By:

Mark Jonas, P.G.
Senior Project Geologist

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

CONESTOGA-ROVERS
& ASSOCIATES

GROUNDWATER MONITORING REPORT - FIRST QUARTER 2007

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

May 1, 2007

INTRODUCTION

This report presents a summary of first quarter 2007 activities, monitoring results, and activities anticipated to be completed by the end of third quarter 2007 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).

FIRST QUARTER 2007 ACTIVITIES

MONITORING ACTIVITIES

On March 8, 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 SW8021B. 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 1.

Monitoring Results

Groundwater Flow Direction and Gradient: Depth-to-water measurements collected on March 8, 2007 ranged from 21.52 to 22.64 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 0.008 feet/foot. Depth-to-water and groundwater elevation data for the site are summarized in Table 1 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. Concentration of analytes were detected in four of the six wells sampled during the first 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 and BTEX concentrations were detected in well MW-3A at 30,000 micrograms per liter (µg/L), 2,600 µg/L, 4,400 µg/L, 710 µg/L, and 4,600 µg/L, respectively. The TPHg and BTEX concentrations detected in well MW-2 were 30,000 µg/L, 1,200 µg/L, 3,400 µg/L, 890 µg/L and 4,500 µg/L, respectively. The TPHg and BTEX concentrations detected in well MW-6 were 4,300 µg/L, 260 µg/L, 36 µg/L, 29 µg/L and 140 µg/L, respectively. Only ethylbenzene was detected in well MW-1 at a concentration of 0.72 µg/L. 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 4,600 µg/L, 1,700 µg/L and 890 µg/L, respectively. However, the laboratory noted that the TPH chromatogram suggested gasoline range compounds were significant in these samples.

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

- Chloroform was detected well MW-1, MW-4 and MW-5 during the first quarter 2007 event. The maximum chloroform concentration was detected in well MW-4 at 23 µg/L.

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

Waste Disposal

On March 8, 2007, approximately 75 gallons of drummed purged groundwater from the first quarter 2007 monitoring event was transported for disposal by Evergreen Environmental Services 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 first quarter 2007 groundwater depth data, analytical results, and this report to the State's GeoTracker database.

ANTICIPATED THIRD QUARTER 2007 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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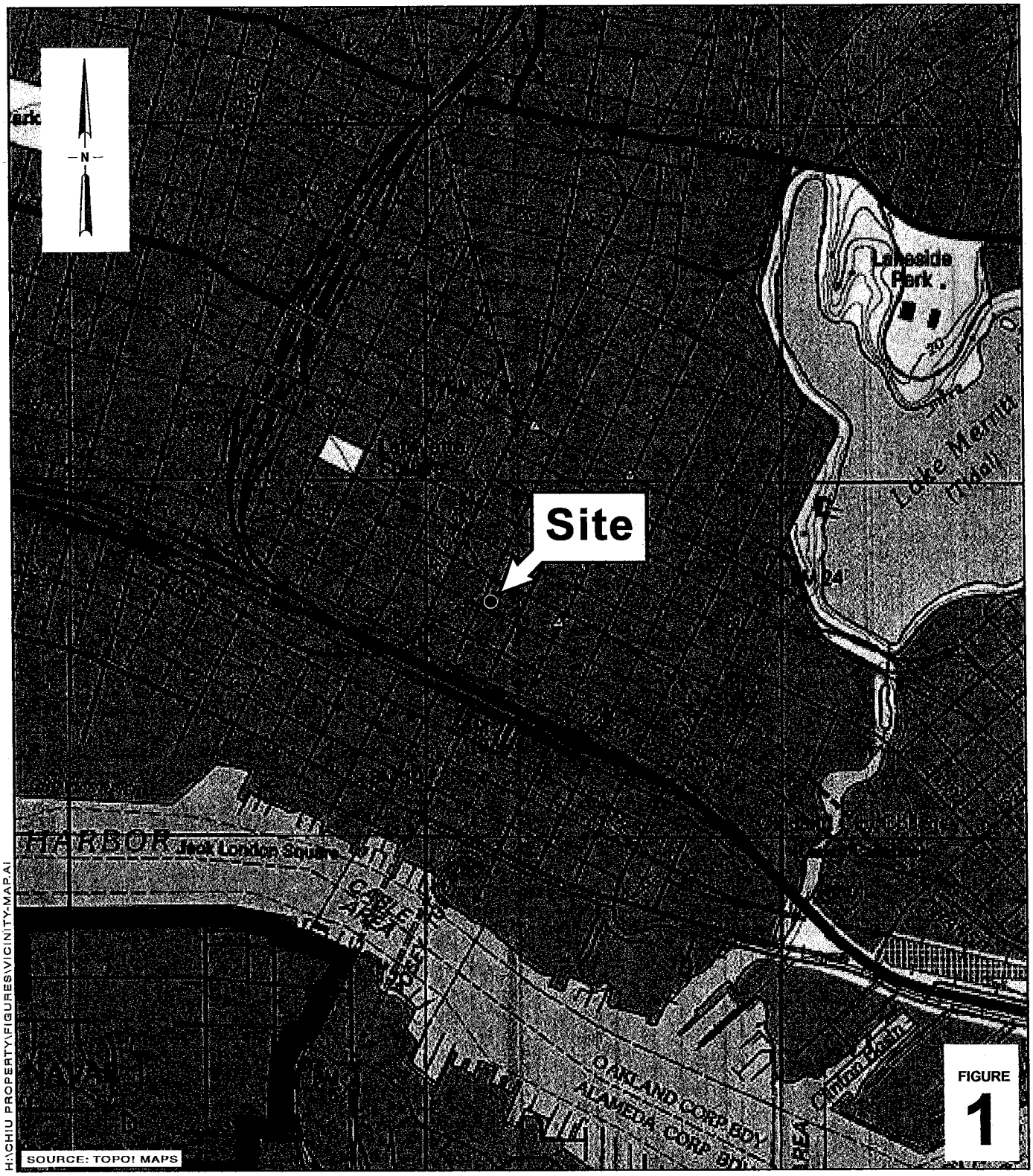
04/10/07



H:\CHIU PROPERTY\FIGURES\VICINITY-MAP.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

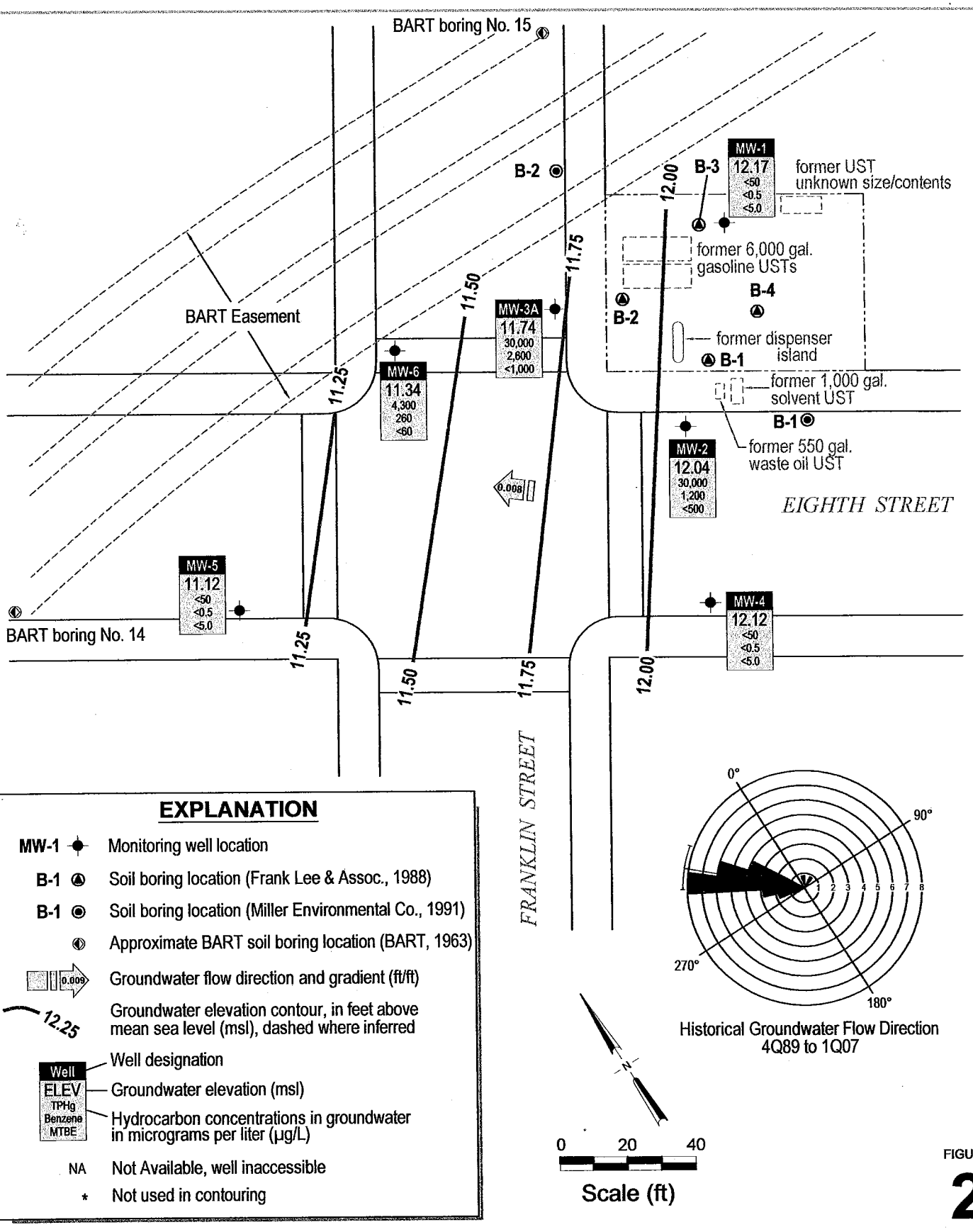
Chiu Property

800 Franklin Street

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map



EXPLANATION

- MW-1 — Monitoring well location
- B-1 — Soil boring location (Frank Lee & Assoc., 1988)
- B-1 — Soil boring location (Miller Environmental Co., 1991)
- Approximate BART soil boring location (BART, 1963)
- 0.009 — Groundwater flow direction and gradient (ft/ft)
- 12.25 — Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- Well — Well designation
- ELEV — Groundwater elevation (msl)
- TPHg, Benzene, MTBE — Hydrocarbon concentrations in groundwater in micrograms per liter (µg/L)
- NA — Not Available, well inaccessible
- * — Not used in contouring

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Chiu Property
800 Franklin Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation Contour and Hydrocarbon Concentration Map
March 8, 2007

FIGURE
2

Table 1. Well Construction Details - Chiu Property, 800 Franklin Street, Oakland, California

Well ID	Date Installed	Borehole Depth (ft)	Borehole Diameter (inches)	Casing Diameter (in)	Screen Interval (ft bgs)	Screen Size (in)	Filter Pack (ft bgs)	Bentonite Seal (ft bgs)	Cement Seal (ft bgs)	TOC Elevation (ft msl)
MW-1	1989	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	16.0 - 18.0	0 - 16.0	33.42
MW-2	1989	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	16.0 - 18.0	0 - 16.0	33.66
MW-3*	Installed: 1989 Destroyed: 1/29/07	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	16.0 - 18.0	0 - 16.0	34.23
MW-3A	2/8/2007	35.0	10.0	4	20.0 - 35.0	0.010	19.0 - 35.0	17.0 - 19.0	0 - 17.0	34.16
MW-4	10/2/1991	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	-	0 - 18.0	33.64
MW-5	10/3/1991	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	-	0 - 18.0	33.56
MW-6	5/15/1997	35.0	8.0	2	14.5 - 36.25	0.010	14.5 - 36.25	12.5 - 14.5 (?)	0 - 12.5	33.98

Abbreviations / Notes

ft = feet

in = inches

ft bgs = feet below grade surface

ft msl = feet above mean sea level

TOC = top of casing

* = Monitoring well MW-3 properly destroyed 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**
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
	2/25/1993	21.50	12.16	49,000	--	--	4,300	11,000	1,300	9,100	--	--	--

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.	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)**
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	--	--	--
	3/28/1994	--	11.52	53,000	--	--	3,900	4,600	710	2,500	--	--	--
	4/29/1994	--	11.34	--	--	--	--	--	--	--	--	--	--

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.	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	1/29/2007			***MW-3A replaces MW-3***									
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)**
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	--	--	--	--	--	--	--	--	--	--
	6/10/1994	--	11.55	--	--	--	--	--	--	--	--	--	--
	7/8/1994	--	11.54	--	--	--	--	--	--	--	--	--	--
	7/26/1994	--	11.30	--	--	--	--	--	--	--	--	--	--

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.	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**
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	--	--	--
	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	--	--

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.	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**
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	--	--
MW-6 cont.	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)**

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.

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.

Notes:

(a) = unmodified or weakly modified gasoline is significant

(d) = gasoline range compounds are significant

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

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

(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

APPENDIX A

Groundwater Monitoring Field Data Sheets

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Cambria Environmental Technology Inc.

Site Address: 800 Franklin Street, Oakland, CA

Date: 3/8/2007 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	10:27		21.81		33.36	
MW-2	6:50		21.62		34.38	
MW-3	6:45		22.42		34.29	
MW-4	6:30		21.52		33.60	
MW-5	6:35		22.44		34.60	
MW-6	6:40		22.64		32.87	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2007
Client:	Cambria Environmental Technology Inc.
Site Address:	800 Franklin Street, Oakland, CA
Well ID:	MW-1
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	33.36
Depth to Water:	21.81
Water Column Height:	11.55
Gallons/ft:	0.16
1 Casing Volume (gal):	1.85
3 Casing Volumes (gal):	5.54

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

COMMENTS:
very turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:35	1.8	17.2	7.63	395
10:40	3.7	17.9	7.68	390
10:45	5.5	18.0	7.68	395

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1	3/8/2007	10:50	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd 1,2 DCA Chloroform	8015 with silica gel clean up, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2007
Client:	Cambria Environmental Technology Inc.
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:	34.38
Depth to Water:	21.62
Water Column Height:	12.76
Gallons/ft:	0.16
1 Casing Volume (gal):	2.04
3 Casing Volumes (gal):	6.12

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

COMMENTS:
very turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:15	2.0	17.6	7.28	370
11:20	4.1	17.8	7.34	361
11:25	6.1	17.9	7.32	365

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2	3/8/2007	11:30	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd 1,2 DCA Chloroform	8015 with silica gel clean up, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2007
Client:	Cambria Environmental Technology Inc.
Site Address:	800 Franklin Street, Oakland, CA
Well ID:	MW-3
Well Diameter:	4"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	34.29
Depth to Water:	22.42
Water Column Height:	11.87
Gallons/ft:	0.65
1 Casing Volume (gal):	7.72
3 Casing Volumes (gal):	23.15

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

COMMENTS:
very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:45	7.7	18.3	7.20	685
10:00	15.4	18.1	7.11	692
10:15	23.1	18.1	7.16	695

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3	3/8/2007	10:20	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd 1,2 DCA Chloroform	8015 with silica gel clean up, 8021, 8260
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2007
Client:	Cambria Environmental Technology Inc.
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:	33.60	**Fe=**	**mg/L**
Depth to Water:	21.52	**ORP=**	**mV**
Water Column Height:	12.08	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.93		
3 Casing Volumes (gal):	5.80		

COMMENTS:
very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
7:10	1.9	18.4	6.20	398
7:15	3.9	17.9	6.25	391
7:20	5.8	17.9	6.29	396

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-4	3/8/2007	7:25	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd 1,2 DCA Chloroform	8015 with silica gel clean up, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2007
Client:	Cambria Environmental Technology Inc.
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:	34.60
Depth to Water:	22.44
Water Column Height:	12.16
Gallons/ft:	0.16
1 Casing Volume (gal):	1.95
3 Casing Volumes (gal):	5.84

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

COMMENTS:
very turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
7:40	1.9	17.7	7.06	430
7:45	3.9	17.8	7.01	419
7:50	5.8	17.9	7.03	410

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-5	3/8/2007	7:55	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd 1,2 DCA Chloroform	8015 with silica gel clean up, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2007
Client:	Cambria Environmental Technology Inc.
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:	32.87	**Fe=**	**mg/L**
Depth to Water:	22.64	**ORP=**	**mV**
Water Column Height:	10.23	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.64		
3 Casing Volumes (gal):	4.91		

COMMENTS:
very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
8:20	1.6	19.0	6.47	637
8:25	3.3	19.7	6.52	661
8:30	4.9	19.4	6.48	664

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6	3/8/2007	8:35	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd 1,2 DCA Chloroform	8015 with silica gel clean up, 8021, 8260

Signature:

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

Cambria Env. Technology	Client Project ID: #589-1000; Chiu	Date Sampled: 03/08/07
5900 Hollis St, Suite A		Date Received: 03/08/07
Emeryville, CA 94608	Client Contact: Mark Jonas	Date Reported: 03/15/07
	Client P.O.:	Date Completed: 03/15/07

WorkOrder: 0703180

March 15, 2007

Dear Mark:

Enclosed are:

1). the results of **6** analyzed samples from your **#589-1000; 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

Cole 0703180

McCAMPBELL ANALYTICAL, INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Website: Email: main@mccampbell.com
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

EDF Required? Yes / No

Report To: Mark Jonas Bill To: Cambria Environmental Technology

Company: Cambria Environmental Technology

5900 Hollis St. Ste A

Emeryville, CA 94608 E-Mail: mjonas@cambriaenv.com

Tele: 510-420-3307 Fax: (510) 420-9170

Project #: 589-1000 Project Name: Chiu

Project Location: 800 Franklin Street Oakland, CA

Sampler Signature: Muskan Environmental Sampling

	SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCL	HNO_3	Other	Analysis Request: MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / Motor Oil (8015) with silica gel clean up	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	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)	Fuel Additives (MTBE, ETBE, TAME, DIPE, TBA, 1,2 – DCA, 1,2 – EDB, ethanol) by 8260B	TPHg by 8015 M	VOCs and fuel additives by 8260	TPHg / BTEX (8015 / 8020)	1,2 DCA & Chlorides by 8260	Other	Comments
1	MW-1		3-8-07	10:50	4	VOA Amb	X					X	X			X		X												X		
2	MW-2			11:30	X																											
10	MW-3			10:20																												
4	MW-4			7:25																												
3	MW-5			7:55																												
5	MW-6			8:35	X											X		X												X		
✓	TB				1	VOA	X					X	X																			Hold

ICE/t 2.5°c

GOOD CONDITION ✓ APPROPRIATE ✓

HEAD SPACE ABSENT ✓ CONTAINERS

DECHLORINATED IN LAB PRESERVED IN LAB

PRESERVATION ✓ VOAS | O&G | METALS | OTHER ✓

Relinquished By:	Date:	Time:	Received By:
	3/8/07	3:15	
Relinquished By:	Date:	Time:	Received By:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703180 **ClientID: CETE**

☑ EDF ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Requested TAT: 5 days

Report to:
Mark Jonas
Cambria Env. Technology
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: mjonas@cambria-env.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #589-1000; Chiu
PO:

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

Date Received **03/08/2007**
Date Printed: **03/09/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0703180-001	MW-1	Water	3/8/07 10:50:00	☐	C	A	A	B								
0703180-002	MW-2	Water	3/8/07 11:30:00	☐	C	A		B								
0703180-003	MW-3	Water	3/8/07 10:20:00	☐	C	A		B								
0703180-004	MW-4	Water	3/8/07 7:25:00 AM	☐	C	A		B								
0703180-005	MW-5	Water	3/8/07 7:55:00 AM	☐	C	A		B								
0703180-006	MW-6	Water	3/8/07 8:35:00 AM	☐	C	A		B								

Test Legend:

1	8260B_W	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(DMO)WSG_W	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

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.

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

Cambria Env. Technology	Client Project ID: #589-1000; Chiu	Date Sampled: 03/08/07
		Date Received: 03/08/07
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 03/09/07-03/13/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/09/07-03/13/07

Volatile Organics by P&T and GC/MS*

Extraction method: SW5030B Analytical methods: SW8260B Work Order: 0703180

Lab ID	Client ID	Matrix	1,2-Dichloroethane (1,2-DCA)	Chloroform	DF	% SS
0703180-001C	MW-1	W	ND	6.9	1	98
0703180-002C	MW-2	W	ND<50,j,h	ND<50	100	97
0703180-003C	MW-3	W	ND<50,j	ND<50	100	98
0703180-004C	MW-4	W	ND	23	1	119
0703180-005C	MW-5	W	ND	18	1	121
0703180-006C	MW-6	W	ND<10,j	ND<10	20	108

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

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

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

surrogate diluted out of range or 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; 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

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

Cambria Env. Technology	Client Project ID: #589-1000; Chiu	Date Sampled: 03/08/07
		Date Received: 03/08/07
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 03/09/07-03/13/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/09/07-03/13/07

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0703180

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	ND	ND	ND	ND	0.72	ND	1	89
002A	MW-2	W	30,000,a,h	ND<500	1200	3400	890	4500	100	97
003A	MW-3	W	30,000,a,i	ND<1000	2600	4400	710	4600	200	92
004A	MW-4	W	ND	ND	ND	ND	ND	ND	1	90
005A	MW-5	W	ND	ND	ND	ND	ND	ND	1	90
006A	MW-6	W	4300,a	ND<60	260	36	29	140	5	93

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and 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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Telephone: 877-252-9262 Fax: 925-252-9269

Cambria Env. Technology	Client Project ID: #589-1000; Chiu	Date Sampled: 03/08/07
		Date Received: 03/08/07
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 03/08/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 03/10/07-03/15/07

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

Extraction method: SW3510C/3630C Analytical methods: SW8015C Work Order: 0703180

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0703180-001B	MW-1	W	ND	ND	1	104
0703180-002B	MW-2	W	4600,d,h	ND<1200	5	118
0703180-003B	MW-3	W	1700,d,i	ND	1	103
0703180-004B	MW-4	W	ND	ND	1	101
0703180-005B	MW-5	W	ND	ND	1	100
0703180-006B	MW-6	W	890,d	ND	1	118

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.

DHS ELAP Certification N° 1644

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0703180

EPA Method SW8260B	Extraction SW5030B				BatchID: 26661				Spiked Sample ID: 0703194-006A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	99.5	105	5.84	103	102	1.19	70 - 130	30	70 - 130	30
Benzene	ND	10	124	128	3.34	129	125	3.00	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	96.4	98.4	2.04	96.5	102	5.45	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	107	111	3.99	111	110	1.16	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	121	118	1.87	117	115	2.18	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	101	107	5.85	107	105	1.44	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	72.3	72.3	0	85.9	84.9	1.20	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	116	118	2.10	120	117	2.45	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	105	108	3.10	108	106	2.14	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	101	105	4.60	106	104	1.51	70 - 130	30	70 - 130	30
Toluene	ND	10	120	113	5.84	120	117	2.94	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	70.9	72	1.47	75.8	73	3.80	70 - 130	30	70 - 130	30
%SS1:	111	10	96	96	0	99	97	1.65	70 - 130	30	70 - 130	30
%SS2:	99	10	94	86	9.13	97	95	1.47	70 - 130	30	70 - 130	30
%SS3:	118	10	110	107	2.04	103	103	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 26661 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703180-001C	03/08/07 10:50 AM	03/09/07	03/09/07 7:37 PM	0703180-002C	03/08/07 11:30 AM	03/09/07	03/09/07 8:23 PM
0703180-003C	03/08/07 10:20 AM	03/09/07	03/09/07 9:09 PM	0703180-004C	03/08/07 7:25 AM	03/13/07	03/13/07 6:30 AM
0703180-005C	03/08/07 7:55 AM	03/13/07	03/13/07 7:19 AM	0703180-006C	03/08/07 8:35 AM	03/12/07	03/12/07 5:13 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.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0703180

EPA Method SW8015C	Extraction SW3510C/3630C				BatchID: 26664			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	104	106	2.53	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	102	105	2.35	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 26664 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703180-001B	03/08/07 10:50 AM	03/08/07	03/10/07 7:18 AM	0703180-002B	03/08/07 11:30 AM	03/08/07	03/14/07 5:11 PM
0703180-003B	03/08/07 10:20 AM	03/08/07	03/10/07 4:59 AM	0703180-004B	03/08/07 7:25 AM	03/08/07	03/10/07 1:31 AM
0703180-005B	03/08/07 7:55 AM	03/08/07	03/10/07 12:21 AM	0703180-006B	03/08/07 8:35 AM	03/08/07	03/15/07 11:37 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.

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0703180

EPA Method SW8021B/8015Cm	Extraction SW5030B			BatchID: 26663				Spiked Sample ID: 0703175-001A				
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)£	ND	60	93.7	95.3	1.73	95.6	97	1.47	70 - 130	30	70 - 130	30
MTBE	73	10	NR	78.5	NR	105	114	8.24	70 - 130	30	70 - 130	30
Benzene	ND	10	107	99.1	7.34	98	102	4.13	70 - 130	30	70 - 130	30
Toluene	ND	10	98	92	6.28	90.9	94.7	4.11	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	107	103	3.81	102	105	3.11	70 - 130	30	70 - 130	30
Xylenes	ND	30	100	100	0	96.7	100	3.39	70 - 130	30	70 - 130	30
%SS:	97	10	100	96	3.88	94	94	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 26663 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703180-001A	03/08/07 10:50 AM	03/09/07	03/09/07 7:32 PM	0703180-002A	03/08/07 11:30 AM	03/09/07	03/09/07 8:06 PM
0703180-003A	03/08/07 10:20 AM	03/09/07	03/09/07 8:39 PM	0703180-004A	03/08/07 7:25 AM	03/09/07	03/09/07 9:12 PM
0703180-005A	03/08/07 7:55 AM	03/09/07	03/09/07 9:45 PM	0703180-006A	03/08/07 8:35 AM	03/13/07	03/13/07 5:24 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

DHS ELAP Certification N° 1644

QA/QC Officer

APPENDIX C

Waste Manifests

NON-HAZARDOUS WASTE MANIFEST

EES19

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. EXEMPT

Manifest Document No. NH 4486 | 2. Page 1 of 1

3. Generator's Name and Mailing Address CAMBRIA ENVIRONMENTAL 800 HOLLIS ST EMERYVILLE CA

4. Generator's Phone (510) 420-3360 94608

5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID
EVERGREEN ENVIRONMENTAL SERVICES	CAD982413262	B. Transporter 1 Phone 510 795-4400
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID
		D. Transporter 2 Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID
DEC 13 2006		CAD 980 887 418
EVERGREEN OIL, INC. 6880 Smith Avenue Newark, CA 94560	CAD980887418	F. Facility's Phone 510 795-4400

	11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.	Non-Hazardous waste, liquid (purge WATER)	001	DM	55	G
b.					
c.					
d.					

GENERATOR

G. Additional Descriptions for Materials Listed Above: a PURGE WATER

H. Handling Codes for Wastes Listed Above: 11a) H135

15. Special Handling Instructions and Additional Information

Profile # _____
Do not ingest
Wear protective clothing
In case of emergency call: CHEMTREC 800-424-9300
DOT ERG 171

Invoice: 362980
Sales Order:

800 FRANKLIN OAKLAND CA

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
J. SPEER FOR CAMBRIA		09 15 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Malcolm Smith	Malcolm Smith	09 15 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Gino Alwezi		09 20 06

NON-HAZARDOUS WASTE MANIFEST

EES19

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. NH 6286

2. Page 1 of 1

3. Generator's Name and Mailing Address
CABRIA 5900 ST EMERYVILLE CA 9

4. Generator's Phone (510) 420-0700

5. Transporter 1 Company Name: EVERGREEN ENVIRONMENTAL SERVICES
6. US EPA ID Number: CAD982413262

A. State Transporter's ID

B. Transporter 1 Phone: 510 795-4400

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
EVERGREEN OIL, INC.
6880 Smith Avenue
Newark, CA 94560

10. US EPA ID Number: CAD980887418

E. State Facility's ID: CAD980887418

F. Facility's Phone: 510 795-4400

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste, liquid (PURGEWATER)	001	DM ~~TT~~ MS	55	G
b.				
c.				
d.				

MAR 21 2007

GENERATOR

G. Additional Descriptions for Materials Listed Above
800 FRANKLIN ST OAKLAND CA 94601

H. Handling Codes for Wastes Listed Above
1(a) H135

15. Special Handling Instructions and Additional Information

Profile # _____
Do not ingest
Wear protective clothing
In case of emergency call: CHEMTREC 800-424-9300
DOT ERG 171

Invoice: 394703
Sales Order:

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
Gary Gill		3 / 8 / 07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
MALCOLM SMITH	MALCOLM SMITH	3 / 8 / 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)
Gino Alvezi		03 / 09 / 07