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October 10, 2005

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

RE: Groundwater Monitoring Report - Third Quarter 2005
Chiu Property
800 Franklin Street
Oakland, California 94607
STID No. 37

Dear Mr. Chan:

On behalf of Mr. Tommy Chiu, Cambria Environmental Technology, Inc (Cambria) is submitting the *Groundwater Monitoring Report – Third Quarter 2005*. Presented in the report are the third quarter 2005 activities and results, and the anticipated fourth quarter 2005 activities.

If you have any questions or comments regarding this report, please call me at (510) 420-3314.

Sincerely,
Cambria Environmental Technology, Inc.

Matthew A. Meyers
Project Geologist

Enclosures: *Groundwater Monitoring Report – Third Quarter 2005*

cc: Ms. Anny Chiu, P.O. Box 28194, Oakland, California 94606
Ms. Lu Anne Rolland, UST Cleanup Fund, 1001 "I" Street, Sacramento, California 95812

Cambria Environmental Technology, Inc.

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

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GROUNDWATER MONITORING REPORT – THIRD QUARTER 2005

Chiu Property
800 Franklin Street
Oakland, California
STID No. 37
Cambria Project No. 589-1000

October 10, 2005

Prepared for:

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

Prepared by:

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

Written by:

PROFESSIONAL GEOLOGIST
BRANDON S. WILKEN
No. 7564
STATE OF CALIFORNIA

Jayakrishna Nidamarthi
Staff Engineer

Brandon S. Wilken, P.G.
Project Geologist

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GROUNDWATER MONITORING REPORT - THIRD QUARTER 2005

Chiu Property
800 Franklin Street
Oakland, California
STID No. 37
Cambria Project No. 589-1000

October 10, 2005

INTRODUCTION

This report describes the third quarter 2005 groundwater monitoring activities performed at 800 Franklin Street, Oakland, California (Figure 1). This groundwater monitoring event was conducted at the request of the Alameda County Department of Environmental Health (ACDEH). This report presents a summary of third quarter 2005 activities, monitoring results, and a presentation of activities anticipated in fourth quarter 2005.

THIRD QUARTER 2005 ACTIVITIES

Monitoring Activities

On September 1, 2005, 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, MW-2, and MW-4 through MW-6 (Figure 2). Well MW-3 is inaccessible and therefore can not be monitored. 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, 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 1.

Groundwater Sampling: MES collected groundwater samples from wells MW-1, MW-2, and MW-4 through 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, the wells were purged to remove standing water in the well casings and promote inflow of representative groundwater from the surrounding formation. The wells were purged by repeated bailing using a new, pre-cleaned disposable bailer. Field measurements of the pH, specific conductance, and temperature of the purged groundwater were measured initially and after the extraction of each successive casing volume or at regular volume intervals. Casing volumes were calculated based on the well diameter and the height of the water column in the well casing. Typically, well purging continued until three or more casing volumes had been removed from the well and consecutive pH, specific conductance, and temperature measurements were within 10 percent. Field water quality measurements, purge volumes, and sample collection data were recorded on field sampling data forms (Appendix A).

Groundwater samples were collected from each of the wells using new, disposable bailers. The samples were decanted from the bailers into 40-milliliter (mL) glass volatile organic analysis (VOA) vials supplied by McCampbell Analytical, Inc. (McCampbell) of Pacheco, California. Immediately after collection, the sample VOA vials were labeled and placed on water-based ice in a cooler. Chain-of-custody procedures were followed at all times from sample collection to transfer to McCampbell (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: The groundwater samples were analyzed for total petroleum hydrocarbons 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. The analyses were performed by McCampbell. The laboratory analytical report is included in Appendix B. Groundwater analytical results are presented on Figure 2 and summarized in Table 1.

Monitoring Results

Groundwater Flow Direction and Gradient: Depth-to-water measurements collected on September 1, 2005, ranged from 20.48 to 21.82 feet below top of casing. Groundwater elevations were calculated by subtracting the depth-to-water measurements from the surveyed top of casing elevations. The

groundwater elevations were plotted on a site plan and contoured. Based on depth-to-water data collected during the site visit, groundwater beneath the site flows towards the northwest at a gradient of 0.009 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: Hydrocarbons were detected in three (MW-1, MW-2, and MW-6) of the five wells sampled during the third quarter 2005 event. TPHg and BTEX were detected in the samples collected from wells MW-2 and MW-6. Additionally, benzene was detected in well MW-1 at a concentration of 1.2 micrograms per liter (µg/L). The maximum TPHg and BTEX concentrations were detected in well MW-2 at 20,000 µg/L, 640 µg/L, 1,700 µg/L, 460 µg/L, and 2,200 µg/L, respectively. The TPHg and BTEX concentrations detected in well MW-6 were 1,900 µg/L, 150 µg/L, 19 µg/L, 18 µg/L and 76 µg/L, respectively. No MTBE was detected in any of the wells (Table 1, Appendix B).

Waste Disposal

On September 1, 2005, approximately 30 gallons of purged groundwater from the third quarter 2005 monitoring event was transported for disposal by Evergreen Environmental Services to Evergreen Oil, Inc. in Newark, California. The waste manifest for this event will be provided in the *Groundwater Monitoring Report - Fourth Quarter 2005*. A copy of the Non-Hazardous Waste Manifest for disposal of purge water generated in the second quarter 2005 monitoring event is provided in Appendix D.

GeoTracker Submittals

Cambria uploaded relevant data to the GeoTracker database on behalf of Mr. Tommy Chiu. Cambria has uploaded third quarter 2005 groundwater depth data, analytical results, and this report to the State's GeoTracker database. GeoTracker delivery confirmation documentation is included in Appendix C.

ANTICIPATED FOURTH QUARTER 2005 ACTIVITIES

Monitoring Activities

Cambria will gauge water levels and collect groundwater samples from wells MW-1, MW-2, and MW-4 through MW-6. Groundwater samples will be analyzed for TPHg by modified EPA Method SW8015C, and BTEX and MTBE by EPA Method SW8021B. Cambria will prepare a groundwater monitoring report summarizing the monitoring activities and results.

Meeting Request

Cambria requests a meeting with the ACDEH to develop an approach that addresses the agency concerns relating to the site. Specifically, the discussion would address groundwater monitoring frequency, the status of well MW-3, and potential future investigation and remediation activities.

ATTACHMENTS

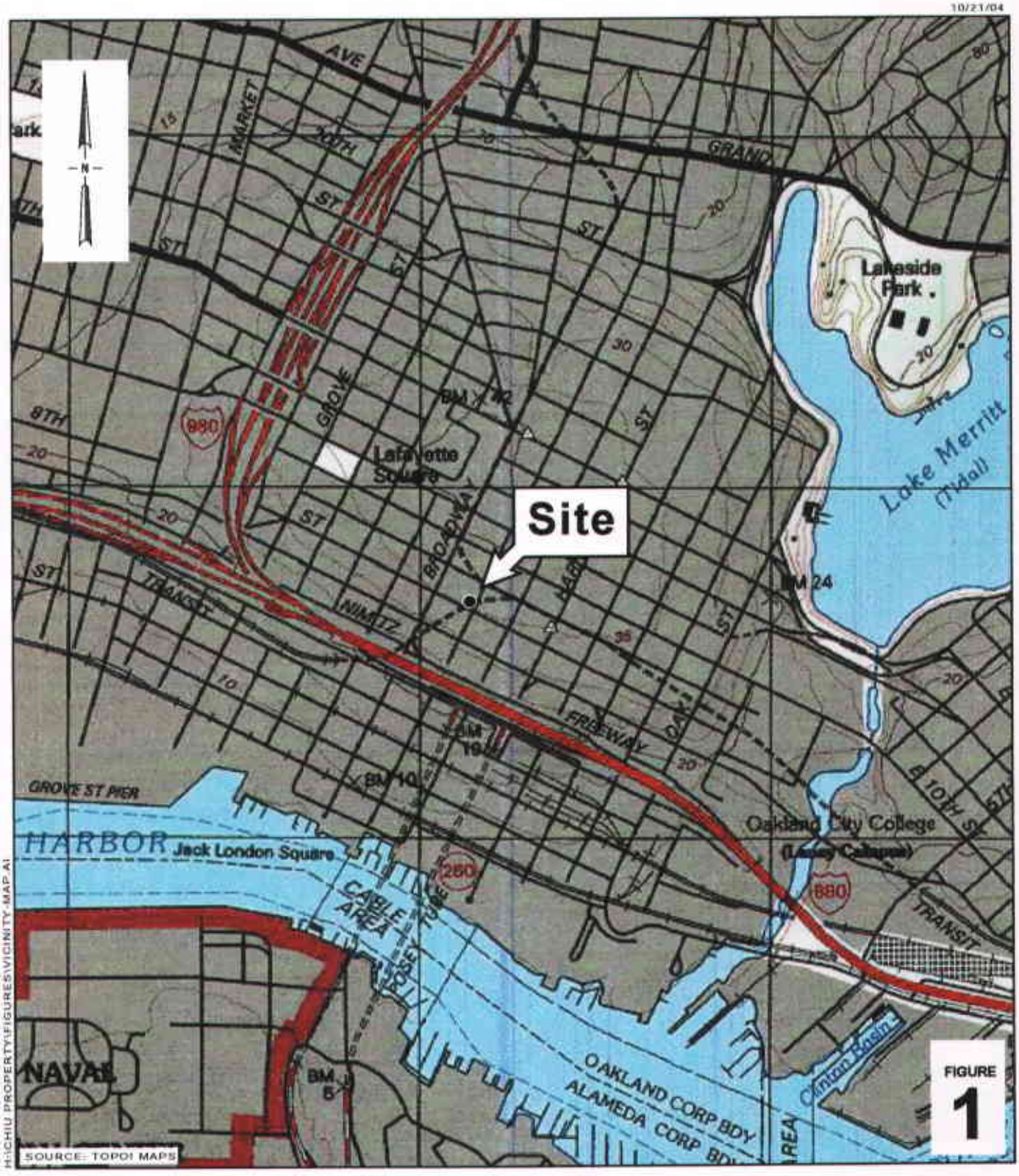
Figure 1 – Vicinity Map
Figure 2 – Groundwater Elevation Contour and Hydrocarbon Concentration Map

Table 1 – Groundwater Analytical and Elevation Data

Appendix A – Groundwater Monitoring Field Data Sheets
Appendix B – Laboratory Analytical Report
Appendix C – GeoTracker Electronic Delivery Confirmations
Appendix D – Non-Hazardous Waste Manifest

H:\Chiu - 800 Franklin, Oakland\3q05\3q05 QMR.doc

10/21/04



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

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Chiu Property

800 Franklin Street

Oakland, California

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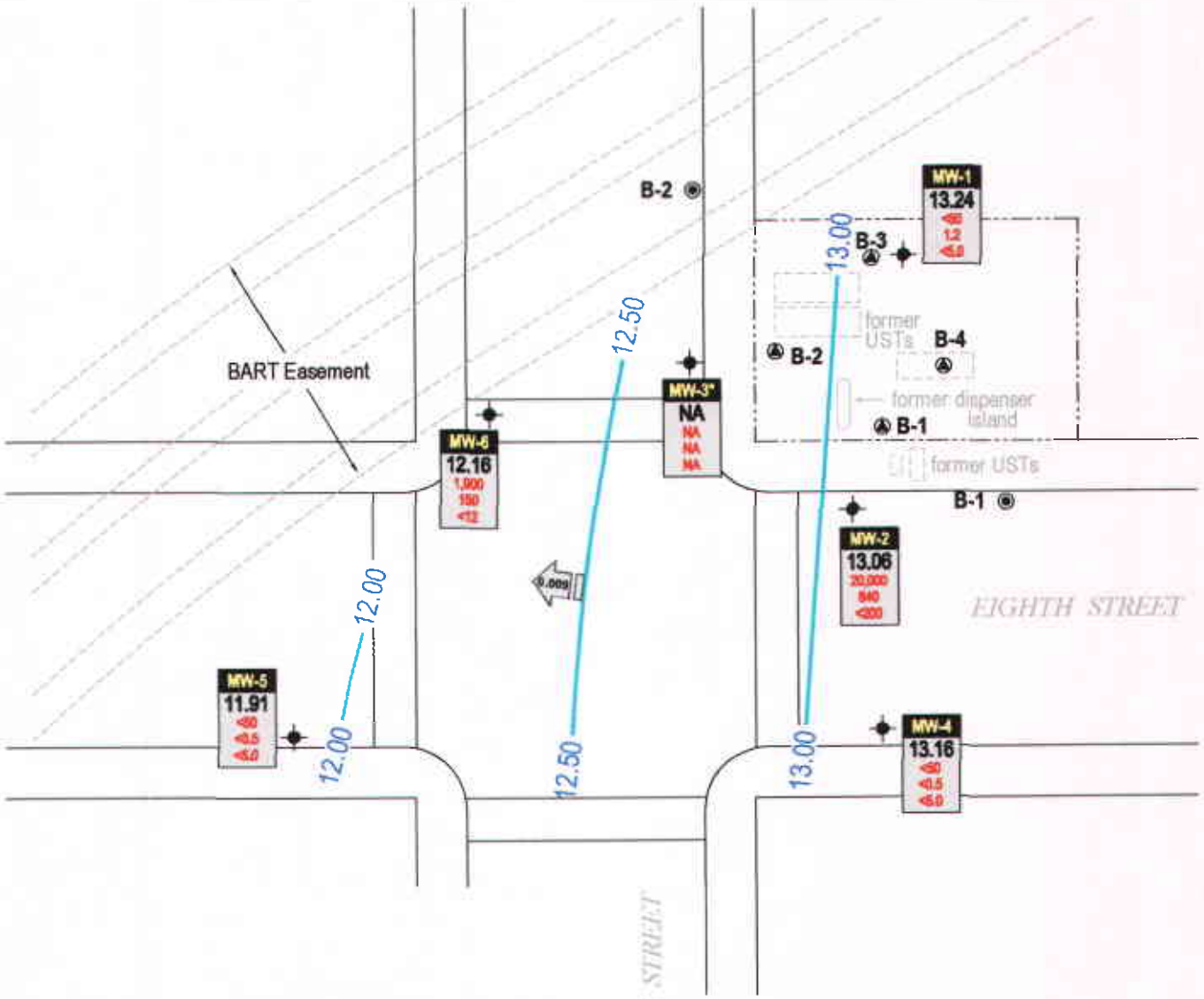
Vicinity Map



EXPLANATION

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

0 20 40

Scale (ft)

FIGURE 2

H:\CHIU PROPERTY\FIGURES\CH-U-3005-HCGW.DWG

Chiu Property

800 Franklin Street

Oakland, California

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Groundwater Elevation Contour and Hydrocarbon Concentration Map

September 1, 2005

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Table 1. Groundwater Analytical and Elevation Data: Petroleum Hydrocarbons - Chiu Property, 800 Franklin Street, Oakland, California

Well ID *TOC Elevation* (ft amsl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet amsl)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
				← µg/L →					
MW-1	8/10/2004	23.35	10.63	<50	<0.5	<0.5	<0.5	<0.5	<5.0
33.98	9/28/2004+	--	--	--	--	--	--	--	--
	12/21/2004	22.93	11.05	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/11/2005+	--	--	--	--	--	--	--	--
	6/16/2005	20.68	13.30	<50	0.64	<0.5	<0.5	<0.5	<5.0
	9/1/2005	**20.74**	**13.24**	**<50**	**1.2**	**<0.5**	**<0.5**	**<0.5**	**<5.0**
MW-2	8/10/2004	21.03	12.63	47,000 (a)	4,200	4,900	1,400	6,000	<500
33.66	9/28/2004	22.95	10.71	--	--	--	--	--	--
	12/21/2004	20.91	12.75	13,000 (a)	500	310	34	1600	<100
	3/11/2005	11.35	22.31	32,000 (a)	970	2,400	890	4,200	<1,000
	6/16/2005	20.50	13.16	43,000 (a,i)	1,500	3,400	1,200	5,400	<1,200
	9/1/2005	**20.60**	**13.06**	**20,000 (a)**	**640**	**1,700**	**460**	**2,200**	**<200**
MW-3	9/28/2004			*Well is damaged. Unable to measure depth to water or collect sample.*					
34.23	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.***					
MW-4	9/28/2004	22.72	10.92	<50	<0.5	<0.5	<0.5	<0.5	<5.0
33.64	12/21/2004	20.65	12.99	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/11/2005	20.20	13.44	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	6/16/2005	20.38	13.26	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	9/1/2005	**20.48**	**13.16**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**
MW-5	9/28/2004	23.70	9.86	<50	<0.5	<0.5	<0.5	1.5	<5.0
33.56	12/21/2004	21.40	12.16	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/11/2005	21.40	12.16	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	6/16/2005	21.63	11.93	<50 (i)	<0.5	<0.5	<0.5	<0.5	<5.0
	9/1/2005	**21.65**	**11.91**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**

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Table 1. Groundwater Analytical and Elevation Data: Petroleum Hydrocarbons - Chiu Property, 800 Franklin Street, Oakland, California

Well ID *TOC Elevation* (ft amsl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation *(feet amsl)*	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
				← µg/L →					
MW-6	9/28/2004	24.00	9.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0
33.98	12/21/2004	21.61	12.37	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/11/2005	21.60	12.38	340 (a)	1.9	2.6	0.68	0.61	<5.0
	6/16/2005	21.81	12.17	1,300 (a)	58	8.3	6.1	4.0	<25
	9/1/2005	**21.82**	**12.16**	**1,900 (a)**	**150**	**19**	**18**	**76**	**<12**

Abbreviations:

TOC = Top of casing

ft = Measured in feet

amsl = Above mean sea level

µg/L = Micrograms per liter

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

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

MTBE = Methyl tertiary-butyl ether by EPA Method SW8021B.

< n = Chemical not present at a concentration in excess of detection limit shown (n).

-- = Not available, not sampled, or does not apply.

+ = Unable to access well due to denial by current tenant or tenant business closed.

Notes:

(a) = unmodified or weakly modified gasoline is significant

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

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Cambria Environmental Technology Inc.

Site Address: 800 Franklin Street Oakland, CA

Date: 9/1/2005 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	10:50		20.74		33.34	
MW-2	10:10		20.60		34.28	
MW-3		Inaccessable				
MW-4	9:25		20.48		33.60	
MW-5	11:55		21.65		34.53	
MW-6	11:20		21.82		32.81	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/1/2005
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:	33.34
Depth to Water:	20.74
Water Column Height:	12.60
Gallons/ft:	0.16
1 Casing Volume (gal):	2.02
3 Casing Volumes (gal):	6.05

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

COMMENTS:

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:55	2.0	23.9	6.95	750
11:00	4.0	23.7	6.88	739
11:05	6.0	23.9	6.84	744

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-1	9/1/2005	11:10	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/1/2005
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:	34.28	**Fe=**	**mg/L**
Depth to Water:	20.60	**ORP=**	**mV**
Water Column Height:	13.68	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	2.19		
3 Casing Volumes (gal):	6.57		

COMMENTS:
Turbid, Sheen, Odor

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:15	2.2	24.4	6.71	837
10:20	4.4	24.4	6.68	823
10:25	6.6	24.1	6.79	810

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-2	9/1/2005	10:30	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

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SAMPLING

WELL SAMPLING FORM

Date:	9/1/2005
Client:	Cambria Environmental Technology Inc.
Site Address:	800 Franklin Street Oakland, CA
Well ID:	MW-3
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:		**Fe=**	**mg/L**
Depth to Water:		**ORP=**	**mV**
Water Column Height:	0.00	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	0.00	**COMMENTS:**	
3 Casing Volumes (gal):	0.00	Inaccessable	

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
				Signature:		

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SAMPLING

WELL SAMPLING FORM

Date:	9/1/2005
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:	20.48	**ORP=**	**mV**
Water Column Height:	13.12	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	2.10	**COMMENTS:**	
3 Casing Volumes (gal):	6.30		

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:30	2.1	23.7	6.79	674
9:35	4.2	23.3	6.73	661
9:40	6.3	23.4	6.75	689

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-4	9/1/2005	9:45	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	9/1/2005
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:	34.53	**Fe=**	**mg/L**
Depth to Water:	21.65	**ORP=**	**mV**
Water Column Height:	12.88	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	2.06	**COMMENTS:**	
3 Casing Volumes (gal):	6.18		

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
12:00	2.1	24.6	7.24	522
12:05	4.1	24.1	7.19	550
12:10	6.2	24.2	7.16	555

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-5	9/1/2005	12:15	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

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SAMPLING

WELL SAMPLING FORM

Date:	9/1/2005
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:	32.81	**Fe=**	**mg/L**
Depth to Water:	21.82	**ORP=**	**mV**
Water Column Height:	10.99	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.76	**COMMENTS:**	
3 Casing Volumes (gal):	5.28		

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:25	1.8	24.6	6.68	670
11:28	3.5	24.9	6.75	663
11:30	5.3	24.9	6.79	671

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-6	9/1/2005	11:35	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Cambria Env. Technology	Client Project ID: #589-1000; Chiu	Date Sampled: 09/01/05
5900 Hollis St, Suite A		Date Received: 09/02/05
Emeryville, CA 94608	Client Contact: Matt Meyers	Date Reported: 09/09/05
	Client P.O.:	Date Completed: 09/09/05

WorkOrder: 0509073

September 09, 2005

Dear Matt:

Enclosed are:

1). the results of **5** 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.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Cambria Env. Technology	Client Project ID: #589-1000; Chiu	Date Sampled: 09/01/05
5900 Hollis St, Suite A		Date Received: 09/02/05
Emeryville, CA 94608	Client Contact: Matt Meyers	Date Extracted: 09/07/05-09/08/05
	Client P.O.:	Date Analyzed: 09/07/05-09/08/05

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0509073

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	ND	ND	1.2	ND	ND	ND	1	92
002A	MW-2	W	20,000,a	ND<200	640	1700	460	2200	25	116
003A	MW-4	W	ND	ND	ND	ND	ND	ND	1	113
004A	MW-5	W	ND	ND	ND	ND	ND	ND	1	107
005A	MW-6	W	1900,a	ND<12	150	19	18	76	2.5	119
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.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0509073

EPA Method: SW8021B/8015Cm	Extraction: SW5030B	BatchID: 17838	Spiked Sample ID: 0509058-005A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	128	129	1.01	102	105	3.06	70 - 130	70 - 130
MTBE	ND	10	116	99.7	14.9	99.5	98.3	1.15	70 - 130	70 - 130
Benzene	ND	10	119	117	1.62	111	111	0	70 - 130	70 - 130
Toluene	ND	10	116	113	2.79	109	112	2.04	70 - 130	70 - 130
Ethylbenzene	ND	10	117	114	2.94	109	109	0	70 - 130	70 - 130
Xylenes	ND	30	107	103	3.17	95.7	95.7	0	70 - 130	70 - 130
%SS:	119	10	124	120	3.27	114	115	1.07	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 17838 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509073-001A	9/01/05 11:10 AM	9/07/05	9/07/05 10:53 AM	0509073-002A	9/01/05 10:30 AM	9/08/05	9/08/05 4:45 PM
0509073-003A	9/01/05 9:45 AM	9/08/05	9/08/05 9:02 AM	0509073-004A	9/01/05 12:15 PM	9/08/05	9/08/05 9:32 AM
0509073-005A	9/01/05 11:35 AM	9/08/05	9/08/05 4:16 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

DHS Certification No. 1644

QA/QC Officer

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0509073 **ClientID: CETE** **EDF: NO**

Report to:
Matt Meyers
Cambria Env. Technology
5900 Hollis St, Suite A
Emeryville, CA 94608
TEL: (510) 420-0700
FAX: (510) 420-9170
ProjectNo: #589-1000; Chiu
PO:

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

Requested TAT: 5 days
Date Received: 09/02/2005
Date Printed: 09/02/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0509073-001	MW-1	Water	9/1/05 11:10:00 AM	☐	A	A													
0509073-002	MW-2	Water	9/1/05 10:30:00 AM	☐	A														
0509073-003	MW-4	Water	9/1/05 9:45:00 AM	☐	A														
0509073-004	MW-5	Water	9/1/05 12:15:00 PM	☐	A														
0509073-005	MW-6	Water	9/1/05 11:35:00 AM	☐	A														

Test Legend:

1	G-MBTEX_W	2	PREDF REPORT	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

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.

cete 0509073

McCAMPBELL ANALYTICAL, INC.

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

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DA

EDF Required? (Yes) No

Report To: Matt Meyers Bill To: Cambria Environmental Tech.
Company: Cambria Environmental Technology
5900 Hollis Street
Emeryville, CA 94608 E-Mail: mmeyers@cambriaenv.com
Tele: 510-420-3314 Fax: 510-420-9170
Project #: 589-1000 Project Name: Chiu
Project Location: 800 Franklin Rd Oakland, CA
Sampler Signature: Matt Meyers Environmental Sampling

SAMPLE ID (Field Point Name)	LOCATION	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	Analysis Request: MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	Analysis Request: MTBE / BTEX ONLY (EPA 602 / 8021)	Analysis Request: TPH as Diesel / Motor Oil (8015)	Analysis Request: Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Analysis Request: Total Petroleum Hydrocarbons (418.1)	Analysis Request: EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	Analysis Request: EPA 505/ 608 / 8081 (Cl Pesticides)	Analysis Request: EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	Analysis Request: EPA 507 / 8141 (NP Pesticides)	Analysis Request: EPA 515 / 8151 (Acidic Cl Herbicides)	Analysis Request: EPA 524.2 / 624 / 8260 (VOCs)	Analysis Request: Fuel Additives (MTBE, ETBE, TAME, DIPE, TBA, 1,2 – DCA, 1,2 – EDB, ethanol) by 8260B	Other	Comment
MW-1		9-1-05	11:10	3	VOA	X					X	X			X													
MW-2			10:30																									
MW-4			9:45																									
MW-5			12:15																									
MW-6			11:35	*																								
TB		*		1																								HOLD

ICE/t ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE ✓
CONTAINERS ✓
PRESERVED IN LAB
PRESERVATION VOAs ✓ O&G METALS OTHER

Relinquished By:	Date:	Time:	Received By:
	9/2/05	11am	
Relinquished By:	Date:	Time:	Received By:

Electronic Submittal Information

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Your EDF file has been succcessfully uploaded!

Confirmation Number: 3155747711
Date/Time of Submittal: 9/21/2005 10:55:30 AM
Facility Global ID: T0600100050
Facility Name: BILL LOUIE'S AUTO SERVICE
Submittal Title: 3rd Qtr 2005 GW Analytical Data
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

BILL LOUIE'S AUTO SERVICE
800 FRANKLIN ST
OAKLAND, CA 94607

Regional Board - Case #: 01-0056
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 37
ALAMEDA COUNTY LOP - **(JTW)**

CONF #	TITLE	QUARTER
3155747711	3rd Qtr 2005 GW Analytical Data	Q3 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Matt Meyers	9/21/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	SW8021F
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- SW8021F REQUIRES ETBE TO BE TESTED	
- SW8021F REQUIRES TAME TO BE TESTED	
- SW8021F REQUIRES DIPE TO BE TESTED	
- SW8021F REQUIRES TBA TO BE TESTED	
- SW8021F REQUIRES DCA12 TO BE TESTED	
- SW8021F REQUIRES EDB TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as CAMBRIA-EM (AUTH_RP) CONTACT SITE ADMINISTRATOR.

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UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Title:	**3rd Qtr 2005 GW Depth Data**
Submittal Date/Time:	**9/21/2005 11:01:52 AM**
Confirmation Number:	**3359791398**

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Electronic Submittal Information

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UPLOADING A GEO_REPORT FILE

YOUR DOCUMENT UPLOAD WAS SUCCESSFUL!

Facility Name:	BILL LOUIE'S AUTO SERVICE
Global ID:	T0600100050
Title:	Groundwater Monitoring Report - Third Quarter 2005
Document Type:	Monitoring Report - Quarterly
Submittal Type:	GEO_REPORT
Submittal Date/Time:	10/10/2005 10:09:43 AM
Confirmation Number:	2637616813

Click here to view the document.

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NON-HAZARDOUS WASTE MANIFEST

EES19

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. EXEMPT

Manifest Document No. NH 3282

2. Page 1 of 1

3. Generator's Name and Mailing Address
Cambria Environmental Tech.
5900 Hollis St
Emeryville, CA
4. Generator's Phone (510) 420-3314

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
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	~~001~~	~~TT~~		G
b. NON HAZA Purge WATER	01	DM	30	G
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

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:
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
Sonja Gill		6	16	05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
MALCOLM SMITH	Malcolm Smith	06	16	05

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 Acuezi		06	17	05