CAMBRIA

April 10, 2006

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 2006
Chiu Property
800 Franklin Street
Oakland, California 94607
STID No. 37

Dear Mr. Wickham:

On behalf of Mr. Tommy Chiu, Cambria Environmental Technology, Inc (Cambria) is submitting the *Groundwater Monitoring Report – First Quarter 2006*. Presented in the report are the first quarter 2006 activities and results, and the anticipated second quarter 2006 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

Enclosure: *Groundwater Monitoring Report – First Quarter 2006*

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

Cambria Environmental Technology, Inc.

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

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By lopprojectop at 11:01 am, Apr 11, 2006

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2006

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

April 10, 2006

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:

Matthew Meyers
Project Geologist

Mark Jonas, P.G.
Senior Project Manager

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

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GROUNDWATER MONITORING REPORT - FIRST QUARTER 2006

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

April 10, 2006

INTRODUCTION

This report describes the first quarter 2006 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 first quarter 2006 activities, monitoring results, and activities anticipated in second quarter 2006.

FIRST QUARTER 2006 ACTIVITIES

Monitoring Activities

On March 10, 2006, 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, MW-4, MW-5, and MW-6 (Figure 2). Well MW-3 was inaccessible and therefore could 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, 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 at least 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 40-milliliter (mL) glass volatile organic analysis (VOA) vials supplied by McCampbell Analytical, Inc. (McCampbell) of Pacheco, California. Samples were labeled, placed in protective foam sleeves, stored on crushed, water-based ice at or below 4 degrees Celsius and transported under a chain-of-custody (COC) to the laboratory. The COC used for this monitoring event is provided in Appendix B.

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 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 March 10, 2006, ranged from 19.81 to 21.46 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 0.012 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 first quarter 2006 event. Benzene was detected in well MW-1 at 0.60 micrograms per liter (µg/L). TPHg and BTEX were detected in the samples collected from wells MW-2 and MW-6. The maximum TPHg and BTEX concentrations were detected in well MW-2 at 20,000 µg/L, 460 µg/L, 1,900 µg/L, 440 µg/L, and 2,400 µg/L, respectively. The TPHg and BTEX concentrations detected in well MW-6 were 2,200 µg/L, 240 µg/L, 10 µg/L, 20 µg/L and 87 µg/L, respectively. The laboratory noted that unmodified or weakly modified gasoline is significant in samples collected from wells MW-2 and MW-6. No MTBE was detected above laboratory reporting limits in any of the wells (Table 1, Appendix B).

Waste Disposal

On March 10, 2006, approximately 30 gallons of drummed purged groundwater from the first quarter 2006 monitoring event was transported for disposal by Evergreen Environmental Services to Evergreen Oil, Inc. in Newark, California. Copies of the Non-Hazardous Waste Manifest for disposal of purge water generated in the fourth quarter 2005 and first quarter 2006 monitoring events are provided in Appendix C.

GeoTracker Submittals

Cambria uploaded relevant data to the GeoTracker database on behalf of Mr. Tommy Chiu. Cambria has uploaded first quarter 2006 groundwater depth data, analytical results, and this report to the State's GeoTracker database.

ANTICIPATED SECOND QUARTER 2006 ACTIVITIES

Monitoring Activities

Cambria will measure 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

Mr. Jerry Wickham of Alameda County Health Agency (ACHA) contacted Cambria and agreed to our requests for a meeting to develop an approach that addresses agency concerns relating to the site. Cambria held a meeting with Tommy Chiu; Mr. Wickham, P.G., CHG and Ms. Donna Drogos, P.E. of ACHA; and Mr. Matthew Meyers and Mr. Mark Jonas, P.G. of Cambria on April 4, 2006. The discussion addressed groundwater monitoring frequency, the status of well MW-3, vapor intrusion

concerns, groundwater flow direction, and potential future investigation activities. Since ACHA does not have a complete file of the reports, ACHA will provide a list of the reports that they have. We are also working with the owner to receive any earlier reports that Cambria currently does not have on file. Cambria will then provide copies of reports from previous consultants that ACHA does not have on file (if Cambria has them on file). After reviewing these documents, Mr. Wickham will provide a letter with conclusions and requests and potentially reduced monitoring requirements.

ATTACHMENTS

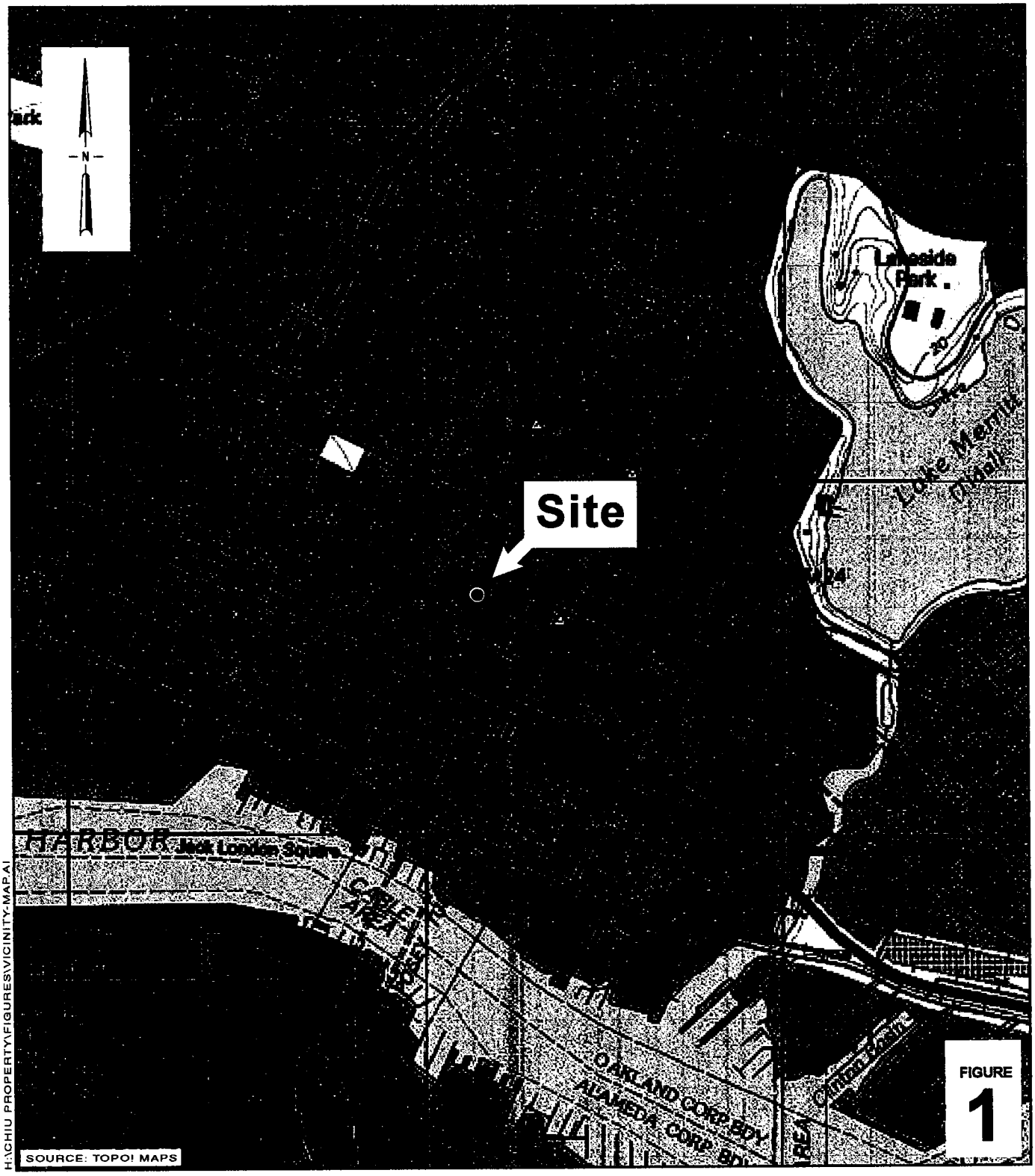
Figure 1 – Vicinity Map
Figure 2 – Groundwater Elevation Contour and Hydrocarbon Concentration Map

Table 1 – Groundwater Analytical and Elevation Data

Appendix A – Groundwater Monitoring Field Data Sheets
Appendix B – Laboratory Analytical Report
Appendix C – Non-Hazardous Waste Manifests

H:\Chiu - Oakland\QMR\1q06\GMR 1Q06 589-1000.doc

10/21/04



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

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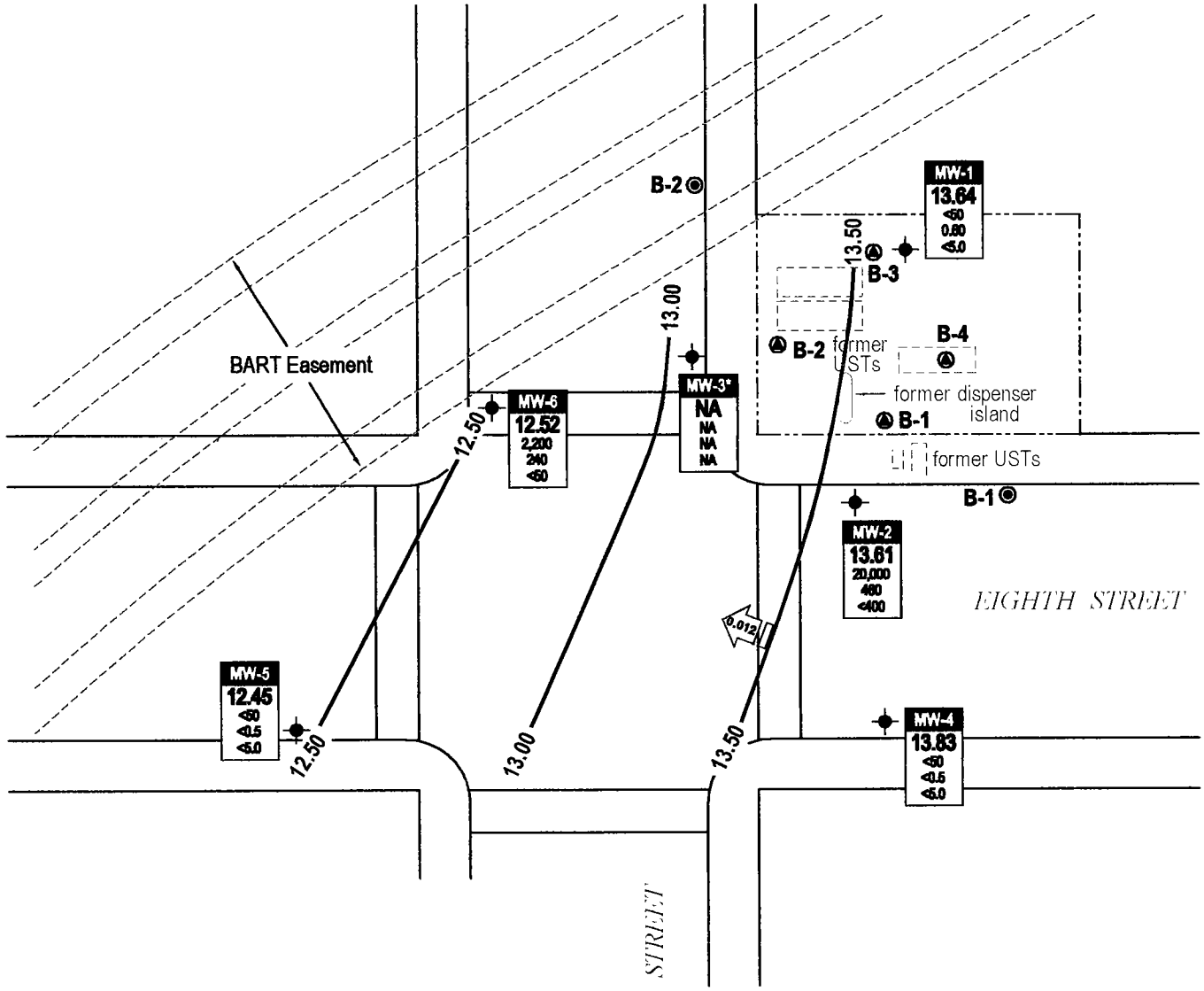
Vicinity Map



EXPLANATION

- MW-1 — Monitoring well location
- B-1 — Soil boring location (Frank Lee & Assoc., 1988)
- B-1 — Soil boring location (Miller Environmental Co., 1991)
- 0.012 — Groundwater flow direction and gradient (ft/ft)
- 12.50 — 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

N

0 20 40

Scale (ft)

FIGURE 2

H:\CHIU PROPERTY\FIGURES\CHIU-1Q06-HCGW.DWG

Chiu Property

800 Franklin Street

Oakland, California

CAMBRIA

Groundwater Elevation Contour and Hydrocarbon Concentration Map

March 10, 2006

CAMBRIA

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	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
33.98	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**
MW-2	8/10/2004	21.03	12.63	47,000 (a)	4,200	4,900	1,400	6,000	ND<500
33.66	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**
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.*					
	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.***					

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-4	9/28/2004	22.72	10.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
33.64	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**
MW-5	9/28/2004	23.70	9.86	ND<50	ND<0.5	ND<0.5	ND<0.5	1.5	ND<5.0
33.56	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**
MW-6	9/28/2004	24.00	9.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
33.98	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**

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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 →					

Abbreviations:

ND<5.0 = Not detected above detection limit.

-- = Not available, not analyzed, or does not apply

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.

+ = 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

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: 3/10/2006 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	10:55		20.34		33.33	
MW-2	9:15		20.05		34.36	
MW-3		Inaccessable				
MW-4	9:00		19.81		33.64	
MW-5	9:05		21.11		34.58	
MW-6	9:10		21.46		32.84	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/10/2006
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:	33.33
Depth to Water:	20.34
Water Column Height:	12.99
Gallons/ft:	0.16
1 Casing Volume (gal):	2.08
3 Casing Volumes (gal):	6.24

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

COMMENTS:

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS/cm)
11:05	2.1	19.2	7.13	398
11:10	4.2	19.4	7.20	417
11:15	6.2	19.5	7.12	424

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-1	3/10/2006	11:20	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/10/2006
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:	34.36
Depth to Water:	20.05
Water Column Height:	14.31
Gallons/ft:	0.16
1 Casing Volume (gal):	2.29
3 Casing Volumes (gal):	6.87

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

COMMENTS:
sheen, odor, turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS/cm)
12:05	2.3	19.7	6.92	645
12:10	4.6	20.5	6.84	671
12:15	6.9	20.4	6.88	632

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-2	3/10/2006	12:20	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/10/2006
Client:	Cambria Environmental Technology Inc.
Site Address:	800 Franklin Street Oakland, CA
Well ID:	MW-3
Well Diameter:	2"
Purging Device:	
Sampling Method:	
Total Well Depth:	
Depth to Water:	
Water Column Height:	
Gallons/ft:	
1 Casing Volume (gal):	
3 Casing Volumes (gal):	

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

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

COMMENTS:
Inaccessable

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

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/10/2006
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:	33.64
Depth to Water:	19.81
Water Column Height:	13.83
Gallons/ft:	0.16
1 Casing Volume (gal):	2.21
3 Casing Volumes (gal):	6.64

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

COMMENTS:

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS/cm)
10:05	2.2	20.8	7.30	613
10:10	4.4	20.5	7.28	639
10:15	6.6	20.5	7.26	651

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-4	3/10/2006	10:20	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/10/2006
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:	34.58	**Fe=**	**mg/L**
Depth to Water:	21.11	**ORP=**	**mV**
Water Column Height:	13.47	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	2.16	**COMMENTS:**	
3 Casing Volumes (gal):	6.47		

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS/cm)
10:35	2.2	19.6	7.40	409
10:40	4.3	19.1	7.44	378
10:45	6.5	19.4	7.37	380

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-5	3/10/2006	10:50	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/10/2006
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:	32.84
Depth to Water:	21.46
Water Column Height:	11.38
Gallons/ft:	0.16
1 Casing Volume (gal):	1.82
3 Casing Volumes (gal):	5.46

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

COMMENTS:

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS/cm)
11:35	1.8	20.9	7.07	604
11:37	3.6	20.9	6.98	604
11:40	5.5	21.0	6.99	599

Sample ID:	Date:	Time	Container Type	Preservative	Analytes	Method
MW-6	3/10/2006	11:45	Voa	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021

Signature:

APPENDIX B

Laboratory Analytical Report

COPY

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: 03/10/06
5900 Hollis St, Suite A		Date Received: 03/10/06
Emeryville, CA 94608	Client Contact: Matt Meyers	Date Reported: 03/14/06
	Client P.O.:	Date Completed: 03/14/06

WorkOrder: 0603168

March 14, 2006

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.

Best regards,

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: 03/10/06
5900 Hollis St, Suite A		Date Received: 03/10/06
Emeryville, CA 94608	Client Contact: Matt Meyers	Date Extracted: 03/10/06-03/13/06
	Client P.O.:	Date Analyzed: 03/10/06-03/13/06

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0603168

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	ND	ND	0.60	ND	ND	ND	1	101
002A	MW-2	W	20,000,a	ND<400	460	1900	440	2400	10	115
003A	MW-4	W	ND	ND	ND	ND	ND	ND	1	107
004A	MW-5	W	ND	ND	ND	ND	ND	ND	1	108
005A	MW-6	W	2200,a	ND<50	240	10	20	87	10	114

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: 0603168

EPA Method: SW8021B/8015Cm	Extraction: SW5030B				BatchID: 20689			Spiked Sample ID: 0603167-006B		
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	111	108	2.64	103	109	5.73	70 - 130	70 - 130
MTBE	ND	10	103	104	0.819	105	105	0	70 - 130	70 - 130
Benzene	ND	10	91	93	2.11	105	101	4.73	70 - 130	70 - 130
Toluene	ND	10	93.2	94.6	1.46	97.6	95	2.67	70 - 130	70 - 130
Ethylbenzene	ND	10	93.7	95.3	1.69	103	101	1.08	70 - 130	70 - 130
Xylenes	ND	30	95.3	96	0.697	95.3	96.3	1.04	70 - 130	70 - 130
%SS:	107	10	96	97	0.624	106	98	7.39	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 20689 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0603168-001A	3/10/06 11:20 AM	3/13/06	3/13/06 9:03 PM	0603168-002A	3/10/06 12:20 PM	3/10/06	3/10/06 9:54 PM
0603168-003A	3/10/06 10:20 AM	3/11/06	3/11/06 5:34 AM	0603168-004A	3/10/06 10:50 AM	3/11/06	3/11/06 6:06 AM
0603168-005A	3/10/06 11:45 AM	3/10/06	3/10/06 10:27 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

0603168

McCAMPBELL ANALYTICAL, INC.

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

CHAIN OF CUSTODY RECORD

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

EDF Required? Yes / No

Report To: Matt Meyers Bill To: Cambria Environmental Technology
Company: Cambria Environmental Technology
5900 Hollis St. Ste A
Emeryville, CA 94608 E-Mail: mmeyers@cambria-env.com
Tele: 510-420-3314 Fax: (510) 420-9170
Project #: 589-1000 Project Name: Chiu
Project Location: 800 Franklin Rd. 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
+	MW-1		3-10-06	11:20	3	VOA	X					X	X		
+	MW-2			12:20											
+	MW-4			10:20											
+	MW-5			10:50											
+	MW-6			11:45	X										
✓	TB		↓		1	↓	X					X	X		

Analysis Request	Other	Comments
MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)		Filter Samples for Metals analysis: Yes / No
MTBE / BTEX ONLY (EPA 602 / 8021)		
TPH as Diesel / Motor Oil (8015)		
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)		
X		Mold

Relinquished By:	Date:	Time:	Received By:
	3/10/06	1400	
Relinquished By:	Date:	Time:	Received By:

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

PRESERVATION	VOAS	O&G	METALS	OTHER
	✓			

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0603168 **ClientID: CETE** **EDF: YES**

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

TEL: (510) 420-0700
FAX: (510) 420-9170
ProjectNo: #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: 03/10/2006
Date Printed: 03/10/2006

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0603168-001	MW-1	Water	3/10/06 11:20:00	☐	A	A										
0603168-002	MW-2	Water	3/10/06 12:20:00	☐	A											
0603168-003	MW-4	Water	3/10/06 10:20:00	☐	A											
0603168-004	MW-5	Water	3/10/06 10:50:00	☐	A											
0603168-005	MW-6	Water	3/10/06 11:45:00	☐	A											

Test Legend:

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

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

APPENDIX C

Non-Hazardous Waste Manifests

NON-HAZARDOUS WASTE MANIFEST

EES19

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. EXEMPT	Manifest Document No. NH 3716	2. Page 1 of 1

3. Generator's Name and Mailing Address: CAMBRIA ENVIRONMENTAL 5900 HOLLIS ST, SUITE A, EMERYVILLE CA 94608

4. Generator's Phone: (510) 420-3314

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
EVERGREEN OIL, INC. 6880 Smith Avenue Newark, CA 94560	CAD980887418	F. Facility's Phone 510 795-4400

11. WASTE DESCRIPTION	12 Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste, liquid purge H2O	1	DM	45	G
b.				
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above: 1@ PURGE H2O

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: 307307
Sales Order:

SITE: 800 FRANKLIN ST, OAKLAND

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
Malcolm Smith	Malcolm Smith	12	16	05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Malcolm Smith	Malcolm Smith	12	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

WR#46807

NON-HAZARDOUS WASTE MANIFEST

COPY

EES20

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: EXEMPT

Manifest Document No.: NH 1893

2. Page 1 of 1

3. Generator's Name and Mailing Address: CAMBRIA ENVIRONMENTAL 5900 HOLLIS ST SUITE A EMERYVILLE CA 94608

4. Generator's Phone (510) 420-3314

5. Transporter 1 Company Name: EVERGREEN ENVIRONMENTAL

6. US EPA ID Number: CAD982413262

A. State Transporter's ID

B. Transporter 1 Phone: 510-795-4400

7. Transporter 2 Company Name: Philip Transportation & Remediation

8. US EPA ID Number: CAD063547996

C. State Transporter's ID

D. Transporter 2 Phone: 405-663-0447

9. Designated Facility Name and Site Address: EVERGREEN OIL INC * 6880 SMITH AVE NEWARK CA 94560

10. US EPA ID Number: CAD980887418

E. State Facility's ID: NVD980895338

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)	1	DM	30	G
b.				
c.				
d.				

GENERATOR

NON-HAZARDOUS WASTE

G. Additional Descriptions for Materials Listed Above: a PURGE WATER 12186

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: WEAR PROPER PROTECTIVE GEAR 510-795-4400 24 HRS * to Alternate Facility: 2155 Century Emi 2045 Newkirk St E. Fernley NV 89408 P.O. 589-1000-015 SITE LOCATION: 800 FRANKLIN ST OAKLAND CA

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. SPEIR FOR CAMBRIA		03/10/06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Malcolm Smith	Malcolm Smith	03/10/06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
M. McBeen		03/15/06

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)
DEBRA L CURRIER	Debra L Currier	03/22/06