CAMBRIA

September 20, 1999

Mr. Hernan Gomez
City of Oakland Fire Department
505 14th Street
Oakland, California 94612

Re: **Underground Storage Tank Closure Report**
Former Shell-branded service station
8930 Bancroft Avenue
Oakland, California
WIC # 20455081305
Incident # 98995742
SAP # 135678

Mr. Gomez:

Cambria Environmental Technology, Inc. (Cambria) is submitting the results of sampling activities performed at the above referenced site on behalf of Equiva Services LLC (Equiva). The sampling, directed by the City of Oakland Fire Department, was conducted in conjunction with removal of the gasoline underground storage tanks (USTs), dispensers, and associated product piping. Summarized below are the background, sampling activities, and laboratory analytical results.

BACKGROUND

Location: The site is located at the southeast corner of the intersection of Bancroft Avenue and 90th Avenue in Oakland, California. The area surrounding the site is primarily of mixed commercial and residential use. The site was formerly a Shell-branded service station with a station building, four dispenser islands, three USTs, and one hydraulic hoist.

Groundwater Monitoring Wells: Six groundwater monitoring wells exist on site. Analytical data for groundwater samples collected from these wells is presented in quarterly monitoring reports. The groundwater monitoring laboratory analytical data is presented as Attachment A.

Groundwater: Cambria observed groundwater in the excavation during the UST removal activities at approximately 14.5 feet bgs. Historically, groundwater depth on-site has ranged from approximately 7 feet below ground surface (ft bgs) to approximately 12 ft bgs.

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

TANK REMOVAL AND TANK EXCAVATION SAMPLING ACTIVITIES

Personnel Present	*Title*	*Organization*
Herman Gomez	Inspector	Oakland Fire Department
Bob Fisher	Foreman	Able Maintenance
Troy Buggle	Sr. Staff Scientist	Cambria

UST Excavation and Dispenser/Piping Trench Soil Sampling Date: July 8, 1999. Additional soil samples were collected from the sidewalls of the UST excavation on July 15, 1999.

Tanks Removed: Able Maintenance and Construction (Able) of Santa Rosa, California removed three 10,000-gallon fiberglass gasoline USTs on July 8, 1999. Gasoline dispensers and associated product piping were also removed in July, 1999.

Tank Removal Observations: No holes, cracks, or other failures were observed in the removed USTs.

Tank Pit and Dispenser Soil Sampling: Soil sampling was performed under the direction of Hernan Gomez of the City of Oakland Fire Department. On July 8, 1999 Cambria collected soil samples from the four corners of the UST excavation as well as from selected locations under the dispensers and in the product piping trenches. On July 15, 1999 Cambria collected four additional soil samples from the UST excavation sidewalls as directed by Hernan Gomez. The soil sampling locations are shown on Figure 2. Cambria's *Standard Tank Removal Sampling Procedures* are presented as Attachment B and our *Standard Piping and Dispenser Removal Sampling Procedures* are presented as Attachment C.

Soil Sampling Chemical Analyses: All soil samples collected from the corners of the UST excavation, and from underneath the piping and dispensers were sent by Cambria to McCampbell Analytical Services. Additional samples collected from the UST excavation sidewalls were sent to Columbia Analytical Services. Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015; benzene, toluene, ethyl benzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8020. Any MTBE detected in soil samples was confirmed by EPA method 8260. Laboratory analytical data for soil is summarized in Table 1. Laboratory analytical reports and chain of custody records are presented as Attachment D.

Groundwater Sampling: Groundwater samples were collected from the UST excavation on July 8, 1999 under the direction of Hernan Gomez. Groundwater sampling laboratory analytical data is summarized in Table 2. Groundwater sampling laboratory analytical reports and chain of custody are included in Attachment D.

UST Disposal: The removed USTs were transported by Ecology Control Industries, Inc. (ECI) to their facility for destruction under manifest numbers 98360194, 98360195, and 98360196. Copies of the manifests are included as Attachment E.

Soil Handling: On July, 15, 1999, 248 tons of stockpiled soil were removed from the site and transported by Manley Trucking Company of Sacramento, California (Manley) to Forward Landfill in Manteca, California (Forward) for disposal. On August 23, 1999, 505 tons of soil were removed from the site by Manley and transported to Forward for disposal. A soil disposal confirmation report is presented as Attachment F. Laboratory analytical reports and chain of custody for soil stockpile samples are included as Attachment G.

Hoist Abandonment: The hydraulic hoist located on site was pumped out in July, 1999 by ECI. The hoist was abandoned in place by Able Maintenance.

FINDINGS

UST Excavation Samples: All UST excavation soil samples were below detection limits for TPHg with the exception of sample T1-2-13' which contained 3.2 mg/kg TPHg. MTBE was detected and confirmed (by EPA method 8260) in UST excavation samples T1-1-13' at 6.10 mg/kg, T1-2-13' at 0.370 mg/kg, T3-1-13' at 6.20 mg/kg, SW-1-13.5' at 1.40 mg/kg, SW-2-13.5' at 1.50 mg/kg, SW-3-13.5' at 0.071 mg/kg, and SW-4-13.5' at 0.240 mg/kg.

Dispenser Samples: Results for TPHg, BTEX, and MTBE were below laboratory detection limits in all of the dispenser samples.

Product Piping Trench Samples: Sample P-5-4' contained 12 mg/kg TPHg, and 0.770 mg/kg MTBE (by EPA method 8260).

Groundwater Sample: Groundwater sample TW-1 contained 7,100 µg/L TPHg, 8.9 µg/L benzene, and 2,900 µg/L MTBE (by EPA method 8260).

CAMBRIA

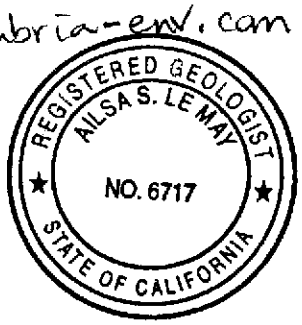
CLOSING

We appreciate the opportunity to work with you on this project. Please call Troy Buggle at (510) 420-3333 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Troy A. Buggle
Senior Staff Scientist
tbuggle@cambria-env.com

Ailsa Le May, R.G.
Senior Geologist



Figures:
1- Vicinity Map
2- UST, Dispenser, and Piping Soil Sampling Locations

Table:
1- Soil Analytical Data
2- Groundwater Analytical Data

Attachments:
A- Groundwater Monitoring Laboratory Analytical Data
B- Standard Tank Removal Sampling Procedures
C- Standard Piping and Dispenser Removal Sampling Procedures
D- Laboratory Analytical Reports for UST, Dispenser and Piping Soil Samples
E- UST and UST Rinsate Hazardous Waste Manifests
F- Soil Disposal Confirmation Reports
G- Soil Stockpile Laboratory Analytical Report

cc: Ms. Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California 90749-6249
Mr. Brett Hovland, Equiva Services LLC, 4464 Lone Tree Way, #710, Antioch, California 94509
Alameda County Case Officer, Regional Water Quality Control Board-S.F. Bay Region, 3443 Routier Rd., Sacramento, California 95827-3098

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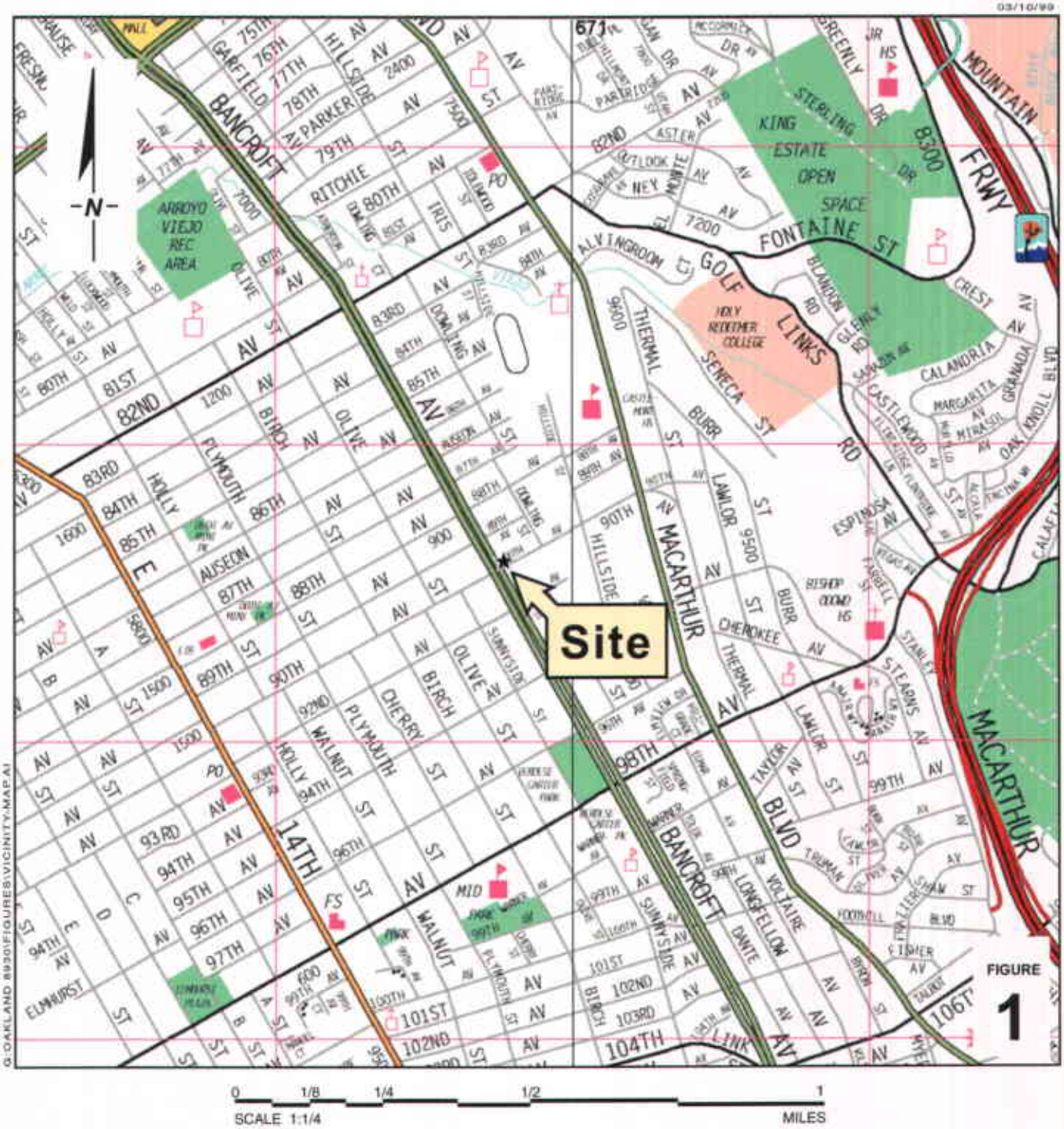


FIGURE 1

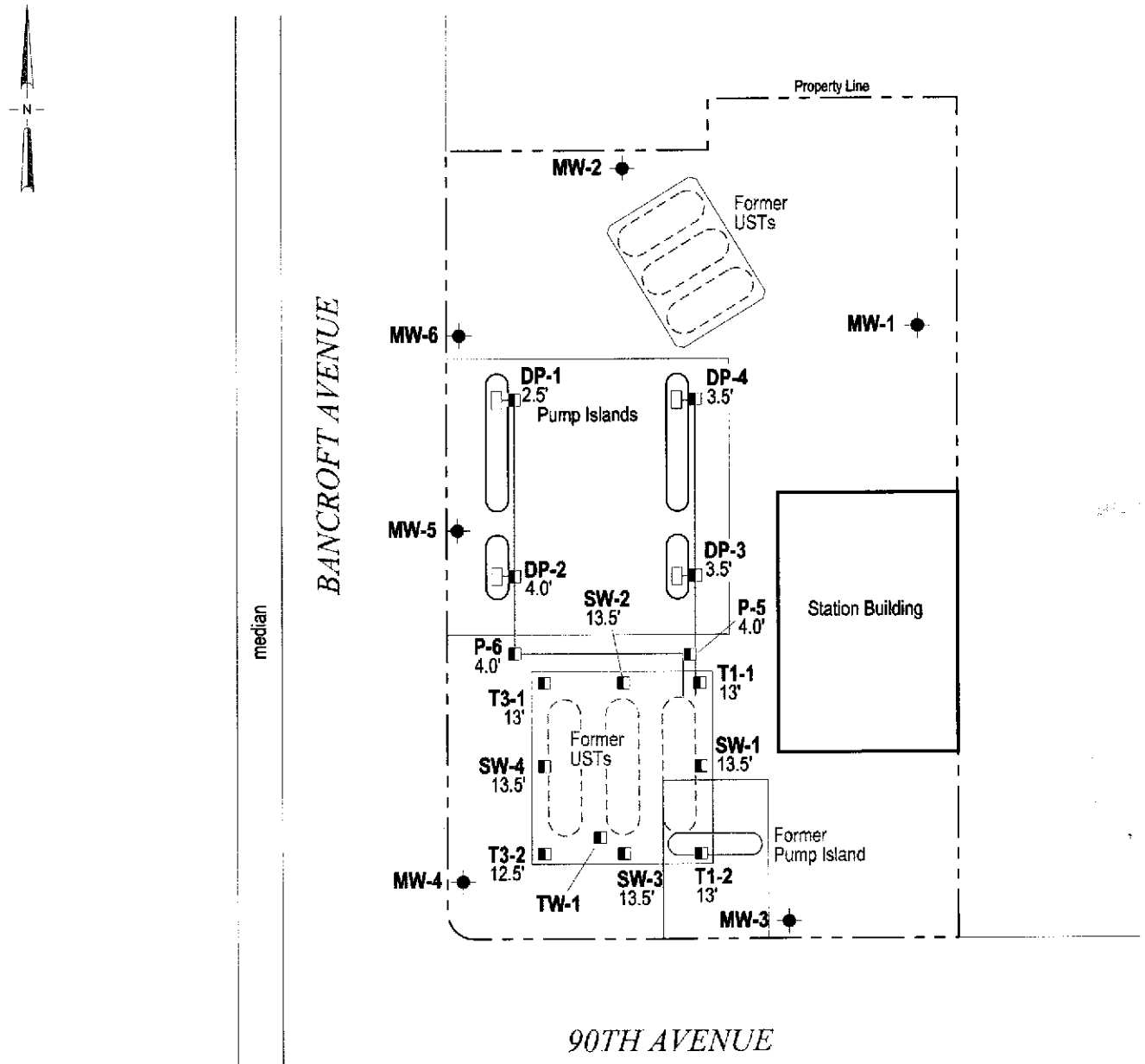
Shell-branded Service Station

8930 Bancroft Avenue

Oakland, California

CAMBRIA

Vicinity Map



EXPLANATION

MW-1 ⊕ Ground Water Monitoring Well

0 15 30

Scale (ft)

FIGURE

2

G:\OAK8930\FIGURES\SAMP-LOC.DWG

Shell-branded Service Station
8930 Bancroft Avenue
Oakland, California
Incident #98995742

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UST Removal Sample Locations

Table 1. Soil Analytical Data - Former Shell-branded Service Station, Incident #98995742, 8930 Bancroft Avenue, Oakland, California

Sample ID	Depth (ft)	Date Sampled	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
			(Concentrations reported in milligrams/kilogram)						
T1-1-13'	13	7/8/99	<1.0	6.6 (6.100)	<0.005	<0.005	<0.005	<0.005	8.9
T1-2-13'	13	7/8/99	3.2	0.67 (0.370)	<0.005	<0.005	<0.005	<0.005	9.1
T3-1-13'	11	7/8/99	<1.0	5.7 (6.200)	<0.005	<0.005	<0.005	<0.005	9.9
T3-2-12.5'	12.5	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	9.7
D/P-1-2.5'	2.5	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	10
D/P-2-4'	4	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	11
D/P-3-3.5'	3.5	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	9.5
D/P-4-3.5'	3.5	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	11
P-5-4'	4	7/8/99	12	0.92 (0.770)	<0.005	0.18	0.01	0.37	60
P-6-4'	4	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	9.4
SW-1-13.5'	13.5	7/15/99	<1.0	1.1 (1.400)	<0.005	<0.005	<0.005	<0.005	12
SW-2-13.5'	13.5	7/15/99	<1.0	1.2 (1.500)	<0.005	<0.005	<0.005	<0.005	11
SW-3-13.5'	13.5	7/15/99	<1.0	0.06 (0.071)	<0.005	<0.005	<0.005	<0.005	13
SW-4-13.5	13.5	7/15/99	<1.0	0.19 (0.240)	<0.005	<0.005	<0.005	<0.005	10

Notes and Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
MTBE = Methyl tert-butyl ether by EPA Method 8020.
(n) = MTBE by EPA method 8260 (converted from µg/kg to mg/kg)
Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8020
<n = Below detection limit of n mg/kg
NT = Not Tested

Table 2. Groundwater Analytical Data - Former Shell-branded Service Station, Incident #98995742, 8930 Bancroft Avenue, Oakland, California

Sample ID	Date Sampled	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
		← (Concentrations reported in micrograms/kilogram) →						
TW-1	7/8/99	7,100	2,000 (2,900)	8.9	8.2	25	17	7.8

Notes and Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
MTBE = Methyl ter-butyl ether by EPA method 8260
(n) = MTBE by EPA method 8260
BTEX = benzene, toluene, ethylbenzene, and xylenes by EPA Method 8020
<n = Below detection limit of n mg/kg

ATTACHMENT A

Groundwater Monitoring Laboratory Analytical Data

WELL CONCENTRATIONS
Shell-branded Service Station
8930 Bancroft Avenue
Oakland, California

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/17/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	53.19	11.87	41.32
MW-1	03/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	53.19	8.21	44.98
MW-2	12/17/1998	9900	NA	<5.0	37	22	47	48	<20	52.66	11.65	41.01
MW-2	03/09/1999	2760	NA	12.3	7.50	85.4	444	<50.0	NA	52.66	8.07	44.59
MW-3	12/17/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	10	11	51.30	11.85	39.45
MW-3	03/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	51.30	6.53	44.77
MW-4	12/17/1998	700	NA	4.3	0.88	<0.50	<0.50	21,000	26,000	50.73	10.80	39.93
MW-4	03/09/1999	83.9	NA	<0.500	<0.500	<0.500	<0.500	17,900	23,700	50.73	6.91	43.82
MW-5	12/17/1998	750	NA	<0.50	17	1.8	3.5	33	32	51.43	11.51	39.92
MW-5	03/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	51.43	7.15	44.28
MW-6	12/17/1998	940	NA	27	0.32	2.4	2.3	3.0	3.2	51.88	11.37	40.51
MW-6	03/09/1999	336	NA	7.78	1.60	2.40	6.36	<10.0	NA	51.88	8.10	43.78

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020
MTBE = methyl-tertiary-butyl ether by EPA Method 8020
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = parts per billion
msl = Mean sea level
ft = Feet
<n = Below detection limit

ATTACHMENT B

Standard Tank Removal Sampling Procedures

CAMBRIA

STANDARD TANK REMOVAL SAMPLING PROCEDURES

This document describes Cambria Environmental Technology's standard operating procedures for collecting soil and ground water samples during underground storage tank removal. These procedures ensure that the samples are collected, handled, and documented in compliance with California Administration Code Title 23: Waters; Chapter 3: Water Resources Control Board; Subchapter 16: Underground Storage Tank Regulations (Title 23). Cambria's sampling procedures are based on guidelines contained in the California State Regional Water Quality Control Board Tri-Regional Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites dated August 10, 1990.

Tank Removal Sampling

The objective of sample collection during routine underground storage tank removals is to determine whether hydrocarbons or other stored chemicals have leaked to the subsurface. If no ground water is encountered within the tank excavation, Cambria will sample native soil 1 to 2 ft beneath the removed tank. Additional soil samples may also be collected at locations of obvious spillage to determine maximum concentrations in the surrounding soils. For underground storage tanks with a capacity of less than 1,000 gallons, one soil sample is collected beneath the fill end of the tank. For tanks with a capacity of between 1,000 and 10,000 gallons, one soil sample is collected beneath each end of the tank. For tanks larger than 10,000 gallons, 3 or more soil samples are collected beneath the removed tank. We also collect one soil sample for every 20 ft of product piping.

In cases where ground water is encountered within underground storage tank excavations, Cambria will collect confirmatory soil samples from the excavation sidewalls just above the soil/ground water interface and a representative ground water sample from the excavation. The excavation is typically purged and allowed to recover prior to collecting the water sample. For tanks with capacities of 10,000 gallons or less, one soil sample is collected from the wall at each end of the tank excavation. For tanks with capacities greater than 10,000 gallons, or tank clusters, at least four soil samples are collected from the excavation walls next to the tank ends. Piping samples are collected in native soil 1 to 2 ft beneath the removed piping. One sample is typically collected for every 20 linear ft of piping unless regulatory agencies approve of different sampling requirements.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe. When a backhoe is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the split-spoon sampler or the backhoe, the samples are trimmed flush, capped with Teflon sheets and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

The ground water sample is collected using steam cleaned Teflon or PVC bailers, decanted into a volatile organic analysis (VOA) bottle or other appropriate clean sample container, refrigerated and transported under chain of custody to a State certified analytic laboratory.

ATTACHMENT C

Standard Piping and Dispenser Sampling Procedures

CAMBRIA

STANDARD PIPING AND DISPENSER REMOVAL SAMPLING PROCEDURES

Cambria Environmental Technology, Inc. (Cambria) has developed standard operating procedures for collecting soil samples during petroleum dispenser and piping removal. These procedures ensure that the samples are collected, handled, and documented in compliance with California Administration Code Title 23: Waters; Chapter 3: Water Resources Control Board; Subchapter 16: Underground Storage Tank Regulations (Title 23). Cambria's sampling procedures are based on guidelines contained in the California State Regional Water Quality Control Board Tri-Regional Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites dated August 10, 1990.

Piping and Dispenser Removal Sampling

The objective of sample collection during routine dispenser and piping removals is to determine whether hydrocarbons or other stored chemicals have leaked to the subsurface. We collect one soil sample from the native soil beneath each dispenser unit, at each piping elbow, and at every 20 ft of product piping, as applicable.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe. When a backhoe is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the split-spoon sampler or the backhoe, the samples are trimmed flush, capped with Teflon sheets and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

ATTACHMENT D

Laboratory Analytical Reports For UST Excavation, Dispenser and Piping Soil Samples

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

Cambria Environmental Technology 1144 65th Street, Suite C Oakland, CA 94608	Client Project ID: #98995742; 8930 Bancroft, Oakland	Date Sampled: 07/08/99
		Date Received: 07/09/99
	Client Contact: Troy Buggle	Date Extracted: 07/09/99
	Client P.O:	Date Analyzed: 07/09/99

07/16/99

Dear Troy:

Enclosed are:

1). the results of **11** samples from your **#98995742; 8930 Bancroft, Oakland** 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,

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
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Cambria Environmental Technology 1144 65th Street, Suite C Oakland, CA 94608	Client Project ID: #98995742; 8930 Bancroft, Oakland	Date Sampled: 07/08/99
		Date Received: 07/09/99
	Client Contact: Troy Buggle	Date Extracted: 07/09/99
	Client P.O:	Date Analyzed: 07/09/99

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
15143	TW-1	W	7100,a,h	2000	8.9	8.2	25	17	113
15144	T1-1-13'	S	ND	5.5	ND	ND	ND	ND	101
15145	T1-2-13'	S	3.2,g	0.67	ND	ND	ND	ND	101
15146	T3-1-13'	S	ND	5.7	ND	ND	ND	ND	92
15147	T3-2-12.5'	S	ND	ND	ND	ND	ND	ND	98
15148	D/P-1-2.5'	S	ND	ND	ND	ND	ND	ND	100
15149	D/P-2-4'	S	ND	ND	ND	ND	ND	ND	95
15150	D/P-3-3.5'	S	ND	ND	ND	ND	ND	ND	99
15151	D/P-4-3.5'	S	ND	ND	ND	ND	ND	ND	95
15152	P-5-4'	S	12,g	0.92	ND	0.018	0.01	0.37	94
15153	P-6-4'	S	ND	ND	ND	ND	ND	ND	98
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/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 (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
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Cambria Environmental Technology 1144 65th Street, Suite C Oakland, CA 94608	Client Project ID: #98995742; 8930 Bancroft, Oakland	Date Sampled: 07/08/99
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	Client Contact: Troy Buggle	Date Extracted: 07/09/99
	Client P.O:	Date Analyzed: 07/09/99

Methyl tert-Butyl Ether *

EPA method 8260 modified

Lab ID	Client ID	Matrix	MTBE*	% Recovery Surrogate
15143	TW-1	W	2900,h	108
15144	T1-1-13'	S	6100	93
15145	T1-2-13'	S	370	93
15146	T3-1-13'	S	6200	99
15152	P-5-4'	S	770	90
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	1.0 ug/l.	
		S	5.0 ug/kg	

* water samples are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe and all TCLP / STLC / SPLP extracts in ug/L

h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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Cambria Environmental Technology 1144 65th Street, Suite C Oakland, CA 94608	Client Project ID: #98995742; 8930 Bancroft, Oakland	Date Sampled: 07/08/99
		Date Received: 07/09/99
	Client Contact: Troy Buggle	Date Extracted: 07/09/99
	Client P.O:	Date Analyzed: 07/09/99

Lead*

EPA analytical methods 6010/200.7, 239.2"

Lab ID	Client ID	Matrix	Extraction °	Lead*	% Recovery Surrogate
15143	TW-1	W	TTLC	0.0078	NA
15144	T1-1-13'	S	TTLC	8.9	99
15145	T1-2-13'	S	TTLC	9.1	98
15146	T3-1-13'	S	TTLC	9.9	99
15147	T3-2-12.5'	S	TTLC	9.7	98
15148	D/P-1-2.5'	S	TTLC	10	99
15149	D/P-2-4'	S	TTLC	11	99
15150	D/P-3-3.5'	S	TTLC	9.5	98
15151	D/P-4-3.5'	S	TTLC	11	96
15152	P-5-4'	S	TTLC	60	96
15153	P-6-4'	S	TTLC	9.4	96
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		S	TTLC	3.0 mg/kg	
		W	TTLC	0.005 mg/L	
		---	STLC,TCLP	0.2 mg/L	

* soil and sludge samples are reported in mg/kg, wipe samples in ug/wipe, and water samples and all STLC / SPLP / TCLP extracts in mg/L

"Lead is analysed using EPA method 6010 (ICP)for soils, sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

° EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

& reporting limit raised due matrix interference

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/09/99-07/10/99 Matrix: WATER

Analyte	Concentration (ug/L) Sample (#14880)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	105.2	105.1	100.0	105.2	105.1	0.1
Benzene	0.0	9.7	9.7	10.0	97.0	97.0	0.0
Toluene	0.0	9.9	9.8	10.0	99.0	98.0	1.0
Ethyl Benzene	0.0	10.0	10.0	10.0	100.0	100.0	0.0
Xylenes	0.0	30.1	30.1	30.0	100.3	100.3	0.0
TPH(diesel)	0.0	6941	6976	7500	93	93	0.5
TRPH (oil & grease)	0	26400	25300	23700	111	107	4.3

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/09/99-07/10/99 Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#00684)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	2.154	2.118	2.03	106	104	1.7
Benzene	0.000	0.202	0.204	0.2	101	102	1.0
Toluene	0.000	0.208	0.212	0.2	104	106	1.9
Ethylbenzene	0.000	0.212	0.216	0.2	106	108	1.9
Xylenes	0.000	0.616	0.628	0.6	103	105	1.9
TPH(diesel)	0	281	282	300	94	94	0.3
TRPH (oil and grease)	0.0	20.8	21.0	20.8	100	101	1.0

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR VOCs (EPA 8240/8260)

Date: 07/08/99-07/09/99 Matrix: WATER

Analyte	Concentration (ug/kg,u Sample (#14082)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
1,1-Dichloroethe	0	83	94	100	83	94	12.4
Trichloroethene	0	83	92	100	83	92	10.3
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	76	88	100	76	88	14.6
Benzene	0	75	82	100	75	82	8.9
Toluene	0	77	88	100	77	88	13.3

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR VOCs (EPA 8240/8260)

Date: 07/09/99-07/10/99 Matrix: SOIL

Analyte	Concentration (ug/kg,u Sample (#09037)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
1,1-Dichloroethe	0	87	92	100	87	92	5.6
Trichloroethene	0	89	92	100	89	92	3.3
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	84	83	100	84	83	1.2
Benzene	0	79	83	100	79	83	4.9
Toluene	0	85	85	100	85	85	0.0

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR ICP and/or AA METALS

Date: 07/09/99-07/10/99 Matrix: WATER

Extraction: TTLC

Analyte	Concentration (mg/L)			Amount	% Recovery		RPD
	Sample	MS	MSD		MS	MSD	
Total Lead	0.00	5.00	5.00	5.00	100	100	0.1
Total Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Chromium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nickel	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Organic Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR ICP and/or AA METALS

Date: 07/09/99-07/10/99 Matrix: SOIL

Extraction: TTLC

Analyte	Concentration (mg/kg,mg/L) Sample	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
Total Lead	0.0	5.00	5.01	5.0	100	100	0.2
Total Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Chromium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nickel	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Cobalt	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A
STLC Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

SHELL OIL COMPANY 15881-ZC37
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No:

Date: [illegible]
Page 1 of 2

Site Address: 8930 Bancroft, Oakland, CA

WIC#: Incident # 98995742

Shell Engineer: Brett Hovland
Phone No.: 925 766-3187
Fax #: 778-7743

Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1144 65th St. Suite C, Oakland, CA 94608

Consultant Contact: TROY BUGGLE
Phone No.: 510 420-0700
Fax #: 420-9170

Comments:

Sampled by: TROY BUGGLE

Printed Name: [signature]

LAB: McCampbell

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
G.W. Monitoring	[ ] 4461	24 hours [X] (circled) — 24 hr!
Site Investigation	[ ] 4441	48 hours [ ]
Soil Classify/Disposal	[ ] 4442	16 days [ ] (Normal)
Water Classify/Disposal	[ ] 4443	Other [ ]
Soil/Air Rem. or Sys. O & M	[ ] 4452	NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.
Water Rem. or Sys. O & M	[ ] 4453	
Other	[ ]	

UST AGENCY:

Analysis Required

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602) + MTBE	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020	Total lead	Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
TW-1	7.8.99			X		5	X		X				X					Confirm	[redacted]
T1-1 - 13'	7/8		X			1	X		X				X					any MTBE	
T1-2 - 13'	7/8		X			1	X		X				X					Hits w/	
T3-1 - 13'	7/8	ID changed per T.B. 7-20-99	X			1	X		X				X					EPA 8260	
T3-2 - 12.5'	7/8		X			1	X		X				X						
D/P-1 - 2.5'	7/8		X			1	X		X				X						
D/P-2 - 4'	7/8		X			1	X		X				X						

Relinquished By (signature):	Printed Name:	Date/Time	Received (signature):	Printed Name:	Date/Time
[signature]	TROY BUGGLE	Date: 7.9.99 Time: 9:30	David Mora	David Mora	Date: 7/9/99 Time: 9:55
David Mora	David Mora	Date: 7/9/99 Time: 11:00	[signature]	H. Ricca	Date: 7-9-99 Time: 11:00
		Date: Time:			Date:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
PRESERVATION ✓ VOAS O&G METALS OTHER
APPROPRIATE CONTAINERS ✓

SHELL OIL COMPANY / 5881ZC37
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 7/8/99
Page 2 of 2

Site Address: 8930 Bancroft, Oakland, CA

Project: Incident # 98995742

Shell Engineer: Brett Hovland
Phone No.: 925 766-3189
Fax #: 778-7443

Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1144 65th St. Suite C, Oakland, CA 94608

Consultant Contact: Troy BUGGLE
Phone No.: 510 420-0700
Fax #: 420-9170

Comments:

Sampled by: Troy BUGGLE

Printed Name: Troy A Bugle

LAB: McCampbell

CHECK ONE (1) BOX ONLY — C/D?

G.W. Monitoring	☐	4461
Site Investigation	☐	4441
Soil Classify/Disposal	☐	4442
Water Classify/Disposal	☐	4443
Soil/Air Rem. or Sys. O & M	☐	4452
Water Rem. or Sys. O & M	☐	4453
Other	☐	

TURN AROUND TIME

- 24 hours ☑ (24 hrs)
- 48 hours ☐
- 96 hours ☐ (Normal)
- Other ☐ _____

NOTE: Notify Lab as soon as Possible of 24/48 hr. TAT.

UST AGENCY: _____

Analysis Required

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/8021) + MTBE	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020	Total Lead	Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION / COMMENTS
D/P-3-3.5'	7/8		X			1	X		X				X					Confirm any MTBE hits w/ EPA 8260	15150
D/P-4-3.5'	7/8		X			1	X		X				X						15151
P-5-4'	7/8		X			1	X		X				X						15152
P-6-4'	7/8		X			1	X		X				X						15153

ICE/ ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
PRESERVATION APPROPRIATE ✓
CONTAINERS ✓
VOAS | O&G | METALS | OTHER

Relinquished By (signature):	Printed Name: Troy BUGGLE	Date: 7.9.99 Time: 5:30	Received (signature):	Printed Name:	Date: 7/9/99 Time: 10:00
Relinquished By (signature):	Printed Name: David Moss	Date: 7/9/99 Time: 11:00	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Columbia Analytical Services INC.
An Employee-Owned Company

July 28, 1999

Service Request No.: S9902125

Mr. Troy Buggle
Cambria Environmental Technology, Inc.
1144 65th Street Suite C
Oakland, CA 94608

RE: **Incident# 98995742**

Dear Mr. Buggle:

Enclosed are the results of the sample(s) submitted to our laboratory on July 16, 1999. All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply to the sample(s) analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Signature of this CAS Analytical Report confirms that pages 2 through 21, following, have been thoroughly reviewed and approved for release.

Columbia Analytical Services is certified for environmental analyses by the California Department of Health Services (certificate number: 1496, expiration: January 31, 2001).

If you have any question, please call me at (408) 748-9700.

Respectfully submitted,

Columbia Analytical Services, Inc.

Lori Tyler
Project Chemist

COLUMBIA ANALYTICAL SERVICES, Inc.
Acronyms

A2LA	American Association for Laboratory Accreditation
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAM	California Assessment Metals
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
COD	Chemical Oxygen Demand
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
J	Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding.
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MCL	Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the paper industry for Air and Stream Improvement
ND	Not Detected at or above the method reporting/detection limit (MRL/MDL)
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992
STLC	Solubility Threshold Limit Concentration
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
tr	Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding.
TRPH	Total Recoverable Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	7/15/99
Sample Matrix:	Soil	**Date Received:**	7/16/99

EPA Method 8260
Volatile Organic Compounds

Sample Name:	SW-1 - 13.5'	Units:	ug/Kg (ppb)
Lab Code:	S9902125-001	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Methyl tert-Butyl Ether	EPA 5030A	8260	5	2	7/16/99	7/27/99	1400	

Approved By: Lori Taylor Date: 7-28-99

1544\02139\p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	7/15/99
Sample Matrix:	Soil	**Date Received:**	7/16/99

EPA Method 8260
Volatile Organic Compounds

Sample Name:	SW-2 - 13.5'	Units:	ug/Kg (ppb)
Lab Code:	S9902125-002	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Methyl tert-Butyl Ether	EPA 5030A	8260	5	2	7/16/99	7/27/99	1500	

Approved By: Lori Zyl Date: 7-28-99

1344/021397p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident# 98995742
Sample Matrix: Soil

Service Request: S9902125
Date Collected: 7/15/99
Date Received: 7/16/99

EPA Method 8260
Volatile Organic Compounds

Sample Name: SW-3 - 13.5'
Lab Code: S9902125-003
Test Notes:

Units: ug/Kg (ppb)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Methyl tert-Butyl Ether	EPA 5030A	8260	5	1	7/16/99	7/27/99	71	

Approved By: [signature] Date: 7-28-99

1S44/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	7/15/99
Sample Matrix:	Soil	**Date Received:**	7/16/99

EPA Method 8260
Volatile Organic Compounds

Sample Name:	SW-4 - 13.5'	Units:	ug/Kg (ppb)
Lab Code:	S9902125-004	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Methyl tert-Butyl Ether	EPA 5030A	8260	5	1	7/16/99	7/27/99	240	

Approved By: Lori Zyl Date: 7-28-99

1544\021597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA

EPA Method 8260
Volatile Organic Compounds

Sample Name:	Method Blank	Units:	ug/Kg (ppb)
Lab Code:	S990716-SB1	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Methyl tert-Butyl Ether	EPA 5030A	8260	5	1	7/16/99	7/27/99	ND	

Approved By: [signature] Date: 7-28-99

1S44/020139/p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident# 98995742
Sample Matrix: Soil

Service Request: S9902125
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: NA

Surrogate Recovery Summary
Volatile Organic Compounds

Prep Method: EPA 5030A
Analysis Method: 8260

Units: PERCENT
Basis: NA

Sample Name	Lab Code	Test Notes	Percent Recovery		
			Dibromofluoromethane	Toluene-D8	4-Bromofluorobenzene
SW-1 - 13.5'	S9902125-001		101	103	101
SW-2 - 13.5'	S9902125-002		101	104	101
SW-3 - 13.5'	S9902125-003		98	104	102
SW-4 - 13.5'	S9902125-004		98	103	103
BATCH QC	S9902052-004MS		96	103	104
BATCH QC	S9902052-004DMS		97	102	103
Method Blank	S990716-SB1		100	104	103
EPA Acceptance Limits:			80-120	81-117	74-121

Approved By: Lori Zyk Date: 7-28-99

SUR3/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	7/16/99
		Date Analyzed:	7/16/99

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds

Sample Name:	BATCH QC	Units:	ug/Kg (ppb)
Lab Code:	S9902052-004MS, S9902052-004DMS	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Percent Recovery MS	Percent Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
1,1-Dichloroethene	NONE	8260	5	100	100	ND	71	64	71	64	61-145	10	
Benzene	NONE	8260	5	100	100	ND	110	100	110	100	76-127	10	
Trichloroethene	NONE	8260	5	100	100	ND	110	99	110	99	71-120	11	
Toluene	NONE	8260	5	100	100	ND	110	100	110	100	76-125	10	
Chlorobenzene	NONE	8260	5	100	100	ND	110	100	110	100	75-130	10	
1,2-Dichlorobenzene	NONE	8260	5	100	100	ND	110	100	110	100	18-190	10	
Naphthalene	NONE	8260	20	100	100	ND	100	97	100	97	40-160	3	

Approved By: Lori Taylor Date: 7-28-99

DMS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	7/15/99
Sample Matrix:	Soil	**Date Received:**	7/16/99

Lead

Prep Method:	EPA 3050BM	Units:	mg/Kg (ppm)
Analysis Method:	6010A	Basis:	Wet
Test Notes:			

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
SW-1 - 13.5'	S9902125-001	5	1	7/20/99	7/22/99	12	
SW-2 - 13.5'	S9902125-002	5	1	7/20/99	7/22/99	11	
SW-3 - 13.5'	S9902125-003	5	1	7/20/99	7/22/99	13	
SW-4 - 13.5'	S9902125-004	5	1	7/20/99	7/22/99	10	
Method Blank	S990720-MB	5	1	7/20/99	7/22/99	ND	

Approved By: Lori Taylor Date: 7-28-99

1A/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	7/20/99
		Date Analyzed:	7/20/99

Matrix Spike/Duplicate Matrix Spike Summary
Lead

Sample Name:	BATCH QC	Units:	mg/Kg (ppm)
Lab Code:	S9902135-001MS, S9902135-001DMS	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Percent Recovery MS	Percent Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Lead	EPA 3050BM	6010A	5	100	100	12	100	110	88	98	75-125	10	

Approved By: Lori Taylor Date: 7-28-99

DMS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	NA
LCS Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	7/20/99
		Date Analyzed:	7/22/99

Laboratory Control Sample Summary
Lead

Sample Name:	Lab Control Sample	Units:	mg/Kg (ppm)
Lab Code:	S990720-LCS	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Lead	EPA 3050BM	6010A	100	97	97	75-125	

Approved By: Lori Hyl Date: 7-28-99

LCS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	7/15/99
Sample Matrix:	Soil	**Date Received:**	7/16/99

BTEX, MTBE and TPH as Gasoline

Sample Name:	SW-1 - 13.5'	Units:	mg/Kg (ppm)
Lab Code:	S9902125-001	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	7/16/99	7/22/99	ND	
Benzene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Toluene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	7/16/99	7/22/99	1.1	

Approved By: _____ Date: 7-28-99

1S22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	7/15/99
Sample Matrix:	Soil	**Date Received:**	7/16/99

BTEX, MTBE and TPH as Gasoline

Sample Name:	SW-2 - 13.5'	Units:	mg/Kg (ppm)
Lab Code:	S9902125-002	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	7/16/99	7/22/99	ND	
Benzene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Toluene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	7/16/99	7/22/99	1.2	

Approved By: Lori Iyer Date: 7-28-99

1S22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	7/15/99
Sample Matrix:	Soil	**Date Received:**	7/16/99

BTEX, MTBE and TPH as Gasoline

Sample Name:	SW-3 - 13.5'	Units:	mg/Kg (ppm)
Lab Code:	S9902125-003	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	7/16/99	7/22/99	ND	
Benzene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Toluene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	7/16/99	7/22/99	0.06	

Approved By: Lori Hyde Date: 7-28-99

1S22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	7/15/99
Sample Matrix:	Soil	**Date Received:**	7/16/99

BTEX, MTBE and TPH as Gasoline

Sample Name:	SW-4 - 13.5'	Units:	mg/Kg (ppm)
Lab Code:	S9902125-004	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	7/16/99	7/22/99	ND	
Benzene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Toluene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	7/16/99	7/22/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	7/16/99	7/22/99	0.19	

Approved By: Lori Zyk Date: 7-28-99

1S22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA

BTEX, MTBE and TPH as Gasoline

Sample Name:	Method Blank	Units:	mg/Kg (ppm)
Lab Code:	S990716-SB1	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	7/16/99	7/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	7/16/99	7/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	7/16/99	7/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	7/16/99	7/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	7/16/99	7/16/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	7/16/99	7/16/99	ND	

Approved By: Lori Zyr Date: 7-28-99

1S22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident# 98995742
Sample Matrix: Soil

Service Request: S9902125
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: NA

Surrogate Recovery Summary
BTEX and TPH as Gasoline

Prep Method: EPA 5030
Analysis Method: 8020 CA/LUFT

Units: PERCENT
Basis: NA

Sample Name	Lab Code	Test Notes	Percent Recovery 4-Bromofluorobenzene	Percent Recovery a,a,a-Trifluorotoluene
SW-1 - 13.5'	S9902125-001		98	99
SW-2 - 13.5'	S9902125-002		97	99
SW-3 - 13.5'	S9902125-003		106	90
SW-4 - 13.5'	S9902125-004		104	92
BATCH QC	S9902078-002MS		96	103
BATCH QC	S9902078-002DMS		94	102
BATCH QC	S9902078-002MS		97	103
BATCH QC	S9902078-002DMS		98	104
Method Blank	S990716-SB1		92	105
CAS Acceptance Limits:			51-137	51-137

Approved By: Lori Iglesias Date: 7-28-99

SUR2/020397p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Equiva Services	**Service Request:**	S9902125
Project:	Incident# 98995742	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	7/16/99
		Date Analyzed:	7/19/99

Matrix Spike/Duplicate Matrix Spike Summary
BTE

Sample Name:	BATCH QC	Units:	mg/Kg (ppm)
Lab Code:	S9902078-002MS, S9902078-002DMS	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Percent Recovery MS	Percent Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Benzene	EPA 5030	8020	0.005	0.5	0.5	ND	0.47	0.48	94	96	57-154	2	
Toluene	EPA 5030	8020	0.005	0.5	0.5	ND	0.48	0.48	96	96	60-142	<1	
Ethylbenzene	EPA 5030	8020	0.005	0.5	0.5	ND	0.46	0.47	92	94	46-150	2	

Approved By: Lori Zyl Date: 7-28-99

DMS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident# 98995742
Sample Matrix: Soil

Service Request: S9902125
Date Collected: NA
Date Received: NA
Date Extracted: 7/16/99
Date Analyzed: 7/19/99

Matrix Spike/Duplicate Matrix Spike Summary
TPH as Gasoline

Sample Name: BATCH QC
Lab Code: S9902078-002MS, S9902078-002DMS
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Percent Recovery MS	Percent Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Gasoline	EPA 5030	CA/LUFT	1	10	10	ND	9	10	90	100	67-121	11	

Approved By: Lori Zyl Date: 7-28-99

DMS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident# 98995742

Service Request: S9902125
Date Analyzed: 7/22/99

Initial Calibration Verification (ICV) Summary
BTEX, MTBE and TPH as Gasoline

Sample Name: ICV
Lab Code: ICV1
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

ICV Source:

Analyte	Prep Method	Analysis Method	True Value	Result	CAS Percent Recovery Acceptance Limits	Percent Recovery	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	25	24	90-110	96	
Benzene	EPA 5030	8020	2.5	2.7	85-115	108	
Toluene	EPA 5030	8020	2.5	2.8	85-115	112	
Ethylbenzene	EPA 5030	8020	2.5	2.7	85-115	108	
Xylenes, Total	EPA 5030	8020	7.5	7.7	85-115	103	
Methyl *tert*-Butyl Ether	EPA 5030	8020	2.5	2.4	85-115	96	

Approved By: Lori Zyl Date: 7-28-99

ICV/032196

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: S9902125

Date: /
Page 1 of 1

Site Address: 8930 Bancroft Av., Oakland, CA
~~WIC#~~: Incident # 98995742
Shell Engineer: ~~Alex Perez~~ Karen Petryna
Phone No.: 415 348 1171
Fax #: 348 9657
Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1144 65th St. Suite C, Oakland, CA 94608
Consultant Contact: TROY BUGGLE
Phone No.: 510 420-0700
Fax #: 420-9170
Comments:
Sampled by: [signature]
Printed Name: TROY BUGGLE

LAB: Columbia

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
G.W. Monitoring [ ]	4461	24 hours [ ]
Site Investigation [ ]	4441	48 hours [ ]
Soil Classify/Disposal [ ]	4442	16 days [ ] (Normal)
Water Classify/Disposal [ ]	4443	Other [ ]
Soil/Air Rem. or Sys. O & M [ ]	4452	NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.
Water Rem. or Sys. O & M [ ]	4453	Standard TAT
Other [ ]		

UST AGENCY:

Analysis Required

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602) + MTBE	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020	Total Lead		Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SW1-13.5'	7/15	①	X			1	X		X				X						Confirm	
SW2-13.5'	7/15	②	X			1	X		X				X						MTBE Hits	
SW3-13.5'	7/15	③	X			1	X		X				X						with EPA	
SW4-13.5'	7/15	④	X			1	X		X				X						Method 8260.	
																			DUE: 7/30/99	
																			R3	

Relinquished By (signature):	Printed Name:	Date/Time	Received (signature):	Printed Name:	Date/Time
[signature]	D. [illegible] for T. Buggle	Date: 7/16/99 Time: 1220	[signature]	Brian Fuller	Date: 7/16/99 Time: 12:20
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

ATTACHMENT E

UST Disposal Hazardous Waste Manifests

AUG. 6.1999 10:31AM NO.958 P.2

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See instructions on back of page 6. 520932

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD981402985	12263		

3. Generator's Name and Mailing Address
EQUILON ENTERPRISES LLC
NORA CORTEZ, TSP1389K-1
P. O. BOX 2099
HOUSTON, TX 77252-2099

4. Generator's Phone (713)241-8673

A. State Manifest Document Number 98360195

B. State Generator's ID

5. Transporter 1 Company Name: ECOLOGY CONTROL INDUSTRIES
6. US EPA ID Number: CAD982030173

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number

E.

F.

9. Designated Facility Name and Site Address
ECOLOGY CONTROL INDUSTRIES
255 PARR BLVD.
RICHMOND, CA 94801
10. US EPA ID Number: CAD009466392

G.

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID	001	TP	04000	P	State / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
a. EMPTY TANK(S) AND FIBERGLASS/STEEL PIPE
26915

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY PHONE NUMBER (800) 424-9300
ACCUMULATION DATE: 07/08/1999
TANK #1

Facility:
SERVICE STATION
8930 BANCROFT
OAKLAND, CA
94605

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature		Month	Day	Year
Lawrence Olson Employed by EEI	Lawrence Olson	ON BEHALF OF EQUILON ENT.	07	08	99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ROBERT STULAC	Robert Stulac	07	08	99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	07	08	99

135678/NC000044 BH DO NOT WRITE BELOW THIS LINE.

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

98360195

JOB # 204321

DTSC 8022A (4/97)
EPA 8700-22

White To: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS. P.O. Box 7000, Sacramento, CA 95812

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6 5209321

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD981022851	22622		

3. Generator's Name and Mailing Address
EBUILON ENTERPRISES LLC
NORA CORTEZ, TSP1389K-1
P. O. BOX 2099
HOUSTON, TX 77252-2099

4. Generator's Phone (713/241-8675)

A. State Manifest Document Number: 98360194

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone

E.

F.

G.

H. Facility's Phone

5. Transporter 1 Company Name: ECOLOGY CONTROL INDUSTRIES
6. US EPA ID Number: CAD982030173

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
ECOLOGY CONTROL INDUSTRIES
255 PARR BLVD.
RICHMOND, CA 94801
10. US EPA ID Number: CAD009466392

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID	001	TP	04000	P	State
b.					State
c.					State
d.					State

J. Additional Descriptions for Materials Listed Above
a. EMPTY TANK(S) AND FIBERGLASS/STEEL PIPE
24916

K. Handling Codes for Wastes Listed Above
a. 94
b.
c.
d.

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY PHONE NUMBER (800) 424-9300
ACCUMULATION DATE: 07/08/1999
TANK #:

Facility:
SERVICE STATION
8930 BANCROFT
OAKLAND, CA
94605

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Lawrence Olson Employed by ECI	ON BEHALF OF EBUILON ENT.	07	08	99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Fred Toensmeyer	Fred Toensmeyer	07	08	99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	07	08	99

GENERATOR
TRANSPORTER
FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

98360194

135678/NC000044 BH DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700—22

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To P O Box 3000, Sacramento, CA 95812

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6. 52094

Department of Toxic Substances Control
Sacramento, California

98360196

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981402985 — Manifest Document No. 122641 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
EQUILON ENTERPRISES LLC
NORA CORTEZ, TSP1389K-1
P. O. BOX 2099
HOUSTON, TX 77252-2099

4. Generator's Phone (713/241-8673

5. Transporter 1 Company Name: ECOLOGY CONTROL INDUSTRIES — 6. US EPA ID Number: CAD982030173

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
ECOLOGY CONTROL INDUSTRIES
235 PARR BLVD.
RICHMOND, CA 94801 — 10. US EPA ID Number: CAD009466392

A. State Manifest Document Number: 98360196
B. State Generator's ID: HYH035911017
C. State Transporter's ID
D. Transporter's Phone: 510-235-1575
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID: CAD009466392
H. Facility's Phone: 510-235-1395

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Numbers
a. NON-RCRA HAZARDOUS WASTE SOLID	001	TP	04000	P	State 902 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
*EMPTY TANK(S) AND FIBERGLASS/STEEL PIPE
26917

K. Handling Codes for Wastes Listed Above
a. 99 — b. — c. — d.

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY PHONE NUMBER (800) 424-9300
ACCUMULATION DATE: 07/08/1999
TANK #:

Facility:
SERVICE STATION
8930 BANCROFT
OAKLAND, CA
94605

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: Lawrence Olson Employed by EQI — Signature: ON BEHALF OF EQUILON ENT. — Month 07 Day 08 Year 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Christopher Rice — Signature — Month 07 Day 08 Year 99

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month — Day — Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVID SATO — Signature: DAVE SATO — Month 07 Day 08 Year 99

135678/NC000044 BH DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700-22

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 3000, Sacramento, CA 95812

ATTACHMENT F

Soil Disposal Confirmation Report