

R0173

C A M B R I A

November 1, 2004

Mr. Keith L. Matthews
Hazardous Materials Inspector
Office of Emergency Services
City of Oakland, Fire Services Agency
1605 Martin Luther King, Jr. Way
Oakland, California 94612

RECEIVED
NOV 01 2004
Environmental Services

Re: **Dispenser Upgrade Sampling Report**
Shell-branded Service Station
2120 Montana Street
Oakland, California
Incident # 98995740
Cambria Project #206-0733-002



Dear Mr. Matthews:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US, Cambria Environmental Technology, Inc. (Cambria) is submitting this *Dispenser Upgrade Sampling Report* which presents the results of sampling conducted during fuel system upgrade activities at the referenced site. Presented below are a summary of site conditions, sampling activities and analytical results.

SITE CONDITIONS

Site Location: This operating Shell-branded service station is located at the Montana Street and Fruitvale Avenue intersection in Oakland, California (Figure 1). Commercial properties lie to the north and east of the site, and residential properties lie to the west. Montana Street, a freeway on-ramp, and Highway 580 are located south of the site.

Upgrade Activities: In May of 2004, Paradiso Mechanical of San Leandro, California upgraded the station's fuel dispensers and underground storage tank sumps.

SAMPLING ACTIVITIES AND SAMPLE ANALYSIS

Cambria
Environmental
Technology, Inc.


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

Personnel Present: Jason Gerke, Senior Staff Scientist, Cambria
Keith L. Matthews, Fire Inspector, City of Oakland

Sample Date: May 6, 2004.

Sampling Requirements: Based on a conversation between Jason Gerke and Keith Matthews during field activities on May 6, 2004, three soil samples were collected within 1 to 2 feet of native soil beneath each dispenser (Figure 2). As piping was not being replaced or exposed, no other samples were collected.

Dispenser Sampling: Under Mr. Matthew's direction, three soil samples were collected at depths of 4 feet below ground (fbg) with a hand auger (Figure 2). Groundwater was observed at 4.5 fbg. Cambria's standard procedures for dispenser and piping sampling are presented as Attachment A.



Sample Analyses: As requested by Mr. Matthews, State-certified laboratory Severn Trent Laboratories Inc. of Pleasanton, California analyzed the three samples for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethyl benzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method 8260B and for total lead. Table 1 summarizes laboratory analytical results, and Attachment B presents laboratory analytical reports and chain of custody records.

Soil Stockpile Disposal: Approximately 10 cubic yards of soil were generated from the upgrade activities. To characterize stockpiled soil for disposal, one four-point composite sample was collected and analyzed for TPHg, BTEX and MTBE by EPA Method 8260B and for total lead. The stockpile was hauled to Forward Landfill in Manteca, California for disposal on May 31, 2004. The soil disposal confirmation and the non-hazardous waste manifest are included as Attachment C.

ANALYTICAL RESULTS

TPHg was detected in two of the three soil samples at concentrations ranging from 110 parts per million (ppm) in sample D-3-4.0 to 1,900 ppm in sample D-2-4.0. Benzene was only detected in one sample at 1.7 ppm in D-2-4.0. Ethylbenzene was detected in two samples at concentrations ranging from 3.1 ppm in D-3-4.0 to 21 ppm in D-2-4.0. Xylenes were detected in two samples at concentrations ranging from 0.17 ppm in D-1-4.0 to 57 ppm in D-2-4.0. MTBE was detected in all samples at concentrations ranging from 0.65 ppm in sample D-3.4.0 to 5.8 ppm in sample D-2-4.0. Lead was detected in all samples at concentrations ranging from 7.3 ppm in sample D-2-4.0 to 8.7 ppm in sample D-3-4.0. Table 1 summarizes laboratory analytical results.

CONCLUSIONS

Current soil sampling results identified TPHg, benzene, ethylbenzene, xylenes, MTBE and lead in soil. Currently, this site is an active environmental case under Alameda Health Care Services Agency jurisdiction. Five wells are utilized in quarterly groundwater monitoring, and a groundwater extraction system is operating as active remediation. No modification to ongoing activities is warranted based on these sampling results.



CLOSING

Please call Dan Lescure at (510) 420-3306 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Dan Lescure
Senior Project Engineer

Matthew W. Derby, P.E.
Senior Project Engineer

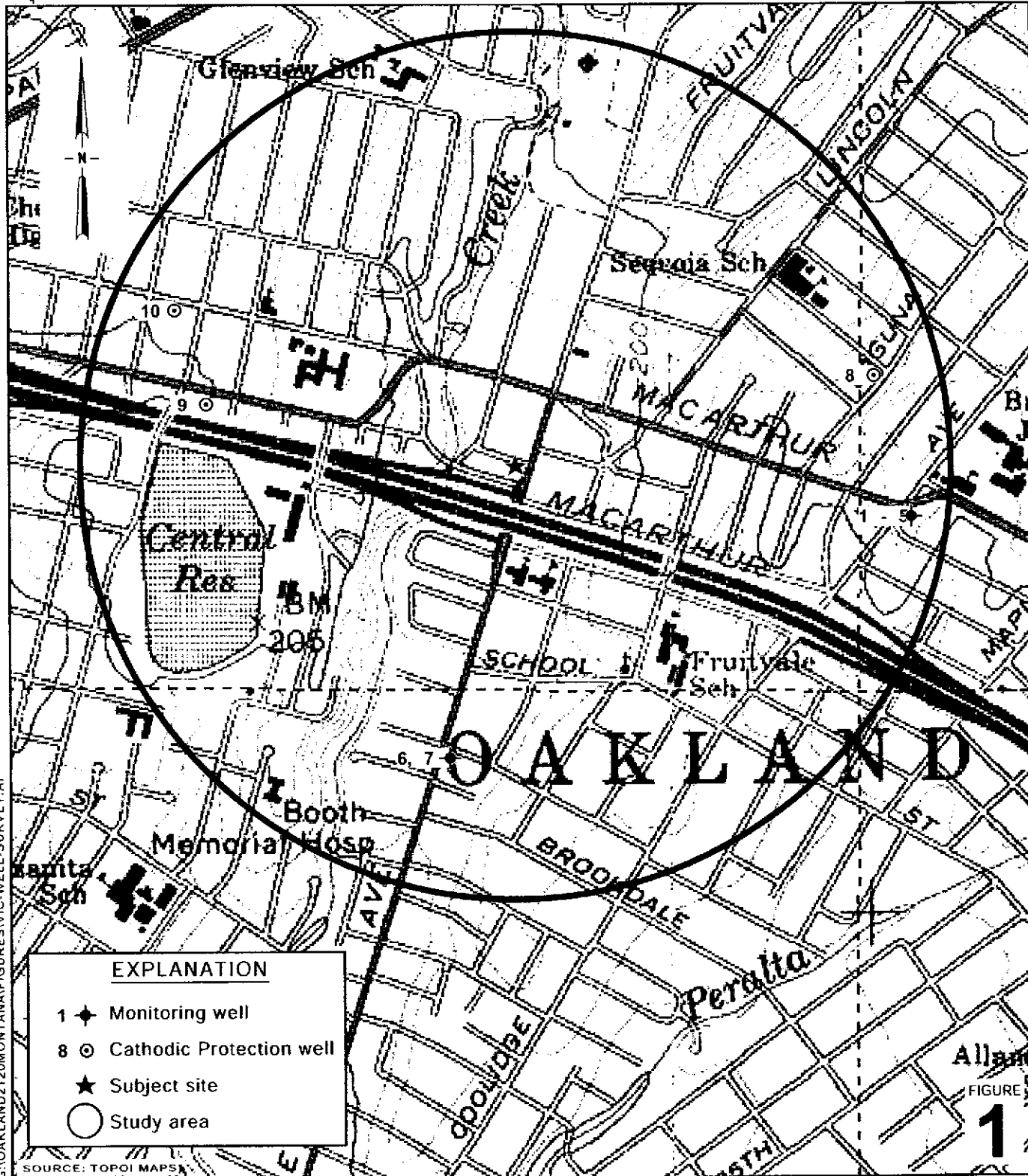


Figures: 1 - Vicinity/Area Well Survey Map
2 - Soil Sample Location Map

Table: 1 - Soil Analytical Results

Attachments: A - Standard Piping and Dispenser Removal Sampling Procedures
B - Laboratory Analytical Reports
C - Soil Disposal Confirmation and Non-Hazardous Waste Manifest

cc: Karen Petryna, Shell Oil Products US, 20945 S. Wilmington Ave, Carson CA 90810
Jim Martin, Shell Oil Products US, 418 Regal Lily Lane, San Ramon, CA 94583
Rosanna Garcia La-Grille, Alameda County Health Care Services Agency, 1131 Harbor
Bay Parkway, Suite 250, Alameda, California 94502-6577



G:\OAKLAND\2120MONTANA\FIGURES\VIC-WELL-SURVEY.A1

0 1/8 1/4 1/2 1
SCALE : 1" = 1/8 MILE

Shell-branded Service Station
2120 Montana Street
Oakland, California
Incident #98995740












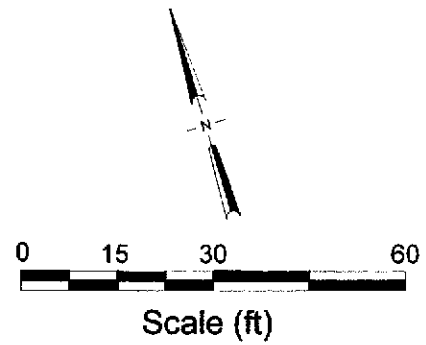
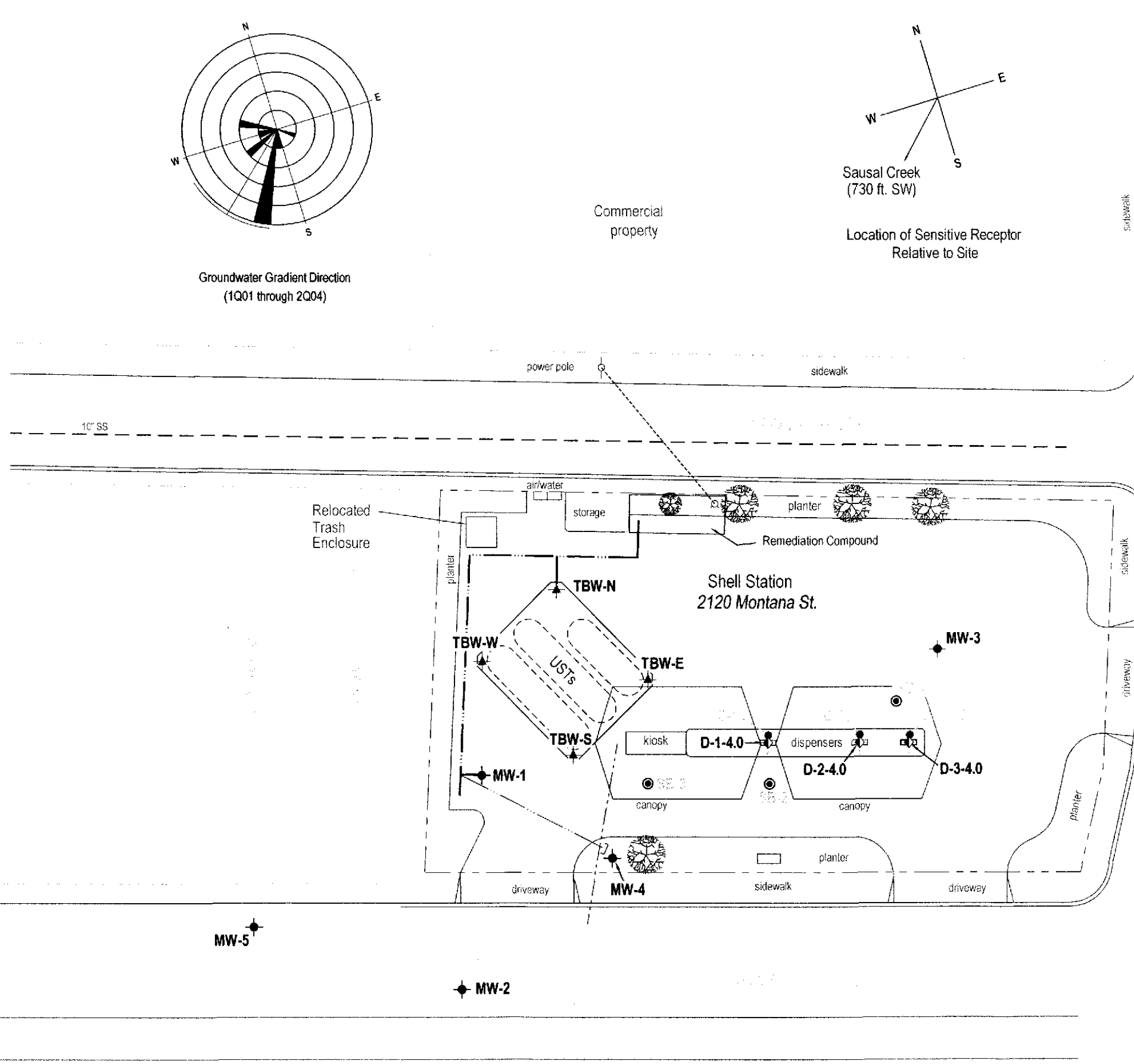
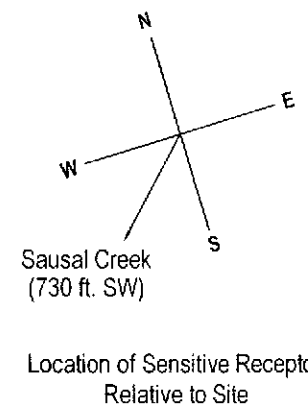
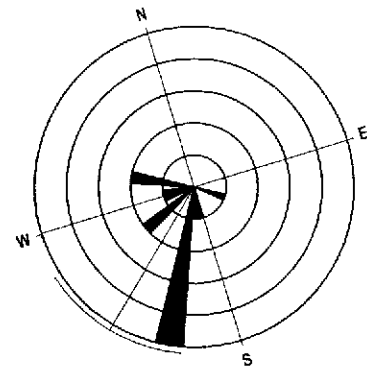
C A M B R I A

**Vicinity / Area Well
Survey Map**
(1/2-Mile Radius)

Soil Sample Location Map

EXPLANATION

- MW-1  Monitoring well location
- TBW-N  Tank backfill well location
- D-1-4.0  Soil sampling location (Cambria, 5/04)
-  Soil boring location (Cambria, 10/99)
-  Soil sampling location (Cambria, 11/97)
-  Overhead electrical service
-  Remediation piping
-  Existing 10" Sanitary sewer (SS)
-  Discharge Pipe



C A M B R I A

FIGURE 2

Shell-branded Service Station
2120 Montana Street
Oakland, California
Incident #98995740

CAMBRIA

Table 1. Soil Analytical Results, Shell-branded Service Station, 2120 Montana Street, Oakland, CA, SAP # 135675

Sample	Depth (fbg)	Date Sampled	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl benzene (ppm)	Xylenes (ppm)	MTBE (ppm)	Lead (ppm)
D-1-4.0	4.0	5/6/2004	<4.8	<0.024	<0.024	<0.024	0.17	0.77	7.5
D-2-4.0	4.0	5/6/2004	1900	1.7	<1.0	21	57	5.80	7.3
D-3-4.0	4.0	5/6/2004	110	<0.50	<0.50	3.1	<0.50	0.65	8.7

Abbreviations and Notes:

fbg = Feet below grade

ppm = parts per million

<x = Not detected at detection limit x

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 88260b

Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B

MTBE = methyl tertiary butyl ether analyzed by EPA Method 8260B

Lead by EPA Method 6010B

ATTACHMENT A

Standard Piping and Dispenser Removal 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.

F:\TEMPLATE\SOPs\PIPING.doc

ATTACHMENT B

Laboratory Analytical Reports

Cambria Environmental Emeryville

May 13, 2004

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Dan Lescure

Project#: 206-0733

Project: Shell Incident Number-N/A

Site: 2120 Montana, Oakland

Dear Dan

Attached is our report for your samples received on 05/06/2004 17:45

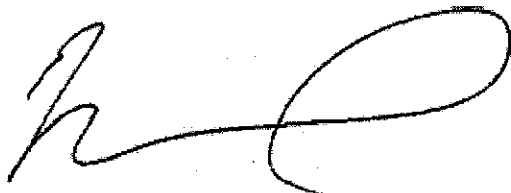
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 06/20/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
D-1-4.0	05/06/2004 09:35	Soil	2

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/13/2004 12:07

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	D-1-4.0	Lab ID:	2004-05-0190 - 2
Sampled:	05/06/2004 09:35	Extracted:	5/12/2004 10:51
Matrix:	Soil	QC Batch#:	2004/05/12-1A.69
Analysis Flag: 0 (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	4.8	mg/Kg	4.76	05/12/2004 10:51	
Benzene	ND	0.024	mg/Kg	4.76	05/12/2004 10:51	
Toluene	ND	0.024	mg/Kg	4.76	05/12/2004 10:51	
Ethyl benzene	ND	0.024	mg/Kg	4.76	05/12/2004 10:51	
Total xylenes	0.17	0.024	mg/Kg	4.76	05/12/2004 10:51	
Methyl tert-butyl ether (MTBE)	0.77	0.024	mg/Kg	4.76	05/12/2004 10:51	
Surrogate(s)						
1,2-Dichloroethane-d4	88.3	70-121	%	4.76	05/12/2004 10:51	
Toluene-d8	90.9	81-117	%	4.76	05/12/2004 10:51	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report		
Prep(s): 5030B		Test(s): 8260B
Method Blank	Soil	QC Batch # 2004/05/12-1A.69
MB: 2004/05/12-1A.69-011		Date Extracted: 05/12/2004 07:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.000	mg/Kg	05/12/2004 07:11	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	05/12/2004 07:11	
Benzene	ND	0.0050	mg/Kg	05/12/2004 07:11	
Toluene	ND	0.0050	mg/Kg	05/12/2004 07:11	
Ethyl benzene	ND	0.0050	mg/Kg	05/12/2004 07:11	
Total xylenes	ND	0.0050	mg/Kg	05/12/2004 07:11	
Surrogates(s)					
1,2-Dichloroethane-d4	88.8	70-121	%	05/12/2004 07:11	
Toluene-d8	99.1	81-117	%	05/12/2004 07:11	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/13/2004 12:07

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report			
Prep(s): 5030B		Test(s): 8260B	
Laboratory Control Spike		Soil	QC Batch # 2004/05/12-1A.69
LCS	2004/05/12-1A.69-035	Extracted: 05/12/2004	Analyzed: 05/12/2004 06:35
LCSD	2004/05/12-1A.69-053	Extracted: 05/12/2004	Analyzed: 05/12/2004 06:53

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	0.0453	0.0461	0.05	90.6	92.2	1.8	65-165	20		
Benzene	0.0465	0.0480	0.05	93.0	96.0	3.2	69-129	20		
Toluene	0.0506	0.0509	0.05	101.2	101.8	0.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	399	423	500	79.8	84.6		70-121			
Toluene-d8	479	496	500	95.8	99.2		81-117			

Sewern Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/13/2004 12:07

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Legend and Notes

Analysis Flag

0

Reporting limits were raised due to high level of analyte present in the sample.

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
D-3-4.0	05/06/2004 09:15	Soil	1
D-2-4.0	05/06/2004 09:55	Soil	3

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.st-inc.com * CA DHS ELAP# 2496

05/13/2004 15:26

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	D-3-4.0	Lab ID:	2004-05-0190 - 1
Sampled:	05/06/2004 09:15	Extracted:	5/12/2004 20:11
Matrix:	Soil	QC Batch#:	2004/05/12-3A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	110	50	mg/Kg	1.00	05/12/2004 20:11	
Benzene	ND	0.50	mg/Kg	1.00	05/12/2004 20:11	
Toluene	ND	0.50	mg/Kg	1.00	05/12/2004 20:11	
Ethyl benzene	3.1	0.50	mg/Kg	1.00	05/12/2004 20:11	
Total xylenes	ND	0.50	mg/Kg	1.00	05/12/2004 20:11	
Methyl tert-butyl ether (MTBE)	0.65	0.50	mg/Kg	1.00	05/12/2004 20:11	
Surrogate(s)						
1,2-Dichloroethane-d4	92.0	70-121	%	1.00	05/12/2004 20:11	
Toluene-d8	92.3	81-117	%	1.00	05/12/2004 20:11	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/13/2004 15:26

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: D-2-4.0	Lab ID: 2004-05-0190 - 3
Sampled: 05/06/2004 09:55	Extracted: 5/13/2004 10:02
Matrix: Soil	QC Batch#: 2004/05/12-3A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1900	100	mg/Kg	2.00	05/13/2004 10:02	
Benzene	1.7	1.0	mg/Kg	2.00	05/13/2004 10:02	
Toluene	ND	1.0	mg/Kg	2.00	05/13/2004 10:02	
Ethyl benzene	21	1.0	mg/Kg	2.00	05/13/2004 10:02	
Total xylenes	57	1.0	mg/Kg	2.00	05/13/2004 10:02	
Methyl tert-butyl ether (MTBE)	5.8	1.0	mg/Kg	2.00	05/13/2004 10:02	
Surrogate(s)						
1,2-Dichloroethane-d4	NA	70-121	%	2.00	05/13/2004 10:02	sd
Toluene-d8	NA	81-117	%	2.00	05/13/2004 10:02	sd

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/13/2004 15:26

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report		
Prep(s): 5030B		Test(s): 8260B
Method Blank	Soil	QC Batch # 2004/05/12-3A 69
MB: 2004/05/12-3A:69-015		Date Extracted: 05/12/2004 10:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	mg/Kg	05/12/2004 10:15	
Benzene	ND	0.50	mg/Kg	05/12/2004 10:15	
Toluene	ND	0.50	mg/Kg	05/12/2004 10:15	
Ethyl benzene	ND	0.50	mg/Kg	05/12/2004 10:15	
Total xylenes	ND	0.50	mg/Kg	05/12/2004 10:15	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	05/12/2004 10:15	
Surrogates(s)					
1,2-Dichloroethane-d4	74.0	70-121	%	05/12/2004 10:15	
Toluene-d8	84.0	81-117	%	05/12/2004 10:15	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

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Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report										
Prep(s): 5030B						Test(s): 8260B				
Laboratory Control Spike				Soil			QC Batch # 2004/05/12-3A.69			
LCS	2004/05/12-3A.69-039			Extracted: 05/12/2004			Analyzed: 05/12/2004 09:39			
LCSD	2004/05/12-3A.69-057			Extracted: 05/12/2004			Analyzed: 05/12/2004 09:57			
Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	8.07	8.50	10	80.7	85.0	5.2	69-129	20		
Toluene	8.68	9.12	10	86.8	91.2	4.9	70-130	20		
Methyl tert-butyl ether (MTBE)	7.95	7.81	10	79.5	78.1	1.8	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	182	186	250	72.8	74.4		70-121			
Toluene-d8	219	224	250	87.6	89.6		81-117			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/13/2004 15:26

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Legend and Notes

Result Flag

sd

Surrogate recovery not reportable due to required dilution.

1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1619 (925) 484-1095 fax

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRIME INVESTOR

Bill Merchant

2004-05-0190

INCIDENT NUMBER (SAE ONLY)

SAP-CRMT NUMBER (TS/CEMT)

DATE: 5/6/04

PAGE: 1 of 1

CONTRACT SUMMARY		SITE ADDRESS (State and City)	
CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.		2120 Montana, Oakland	
ADDRESS		PROJECT (SAP-CRMT) Identifier	
5900 HOLLIS ST., Suite A		COMMITTEE PROJECT NO. 208-0733	
CITY		CONTACT NAME (SAP-CRMT)	
EMERYVILLE, CA 94606		Dan Lescurie	
TELEPHONE	FAX	LAB REFERENCE	
510-420-0700	510-420-9170		
E-MAIL			
dlescurie@cambria-env.com		Jason Gerke - 510-420-3320	
TURNAROUND TIME (BUSINESS DAYS)			
<input type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS			

<input type="checkbox"/> LA - RWQCE REPORT FORMAT <input type="checkbox"/> USE AGENCY:		REQUESTED ANALYSIS	
CCMS MTRC CONFIRMATION: HIGHEST _____ HIGHEST per BOFING _____ ALL _____		FIELD NOTES: Contaminant/Preservative or PID Readings or Laboratory Notes <p style="text-align: center; font-size: 2em;">2.0°C</p>	
SPECIAL INSTRUCTIONS OR NOTES:			
TEMPERATURE ON RECEIPT: _____			

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (60/15m)	BTEX	MTBE	18A	5 Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	TCLP VOCs by 8289	TCLP Semi-Volatiles 8278	Lead <input type="checkbox"/> SLC <input type="checkbox"/> TCLP	Mercury <input type="checkbox"/> SLC <input type="checkbox"/> TCLP	Mercury <input type="checkbox"/> SLC <input type="checkbox"/> TCLP	Test for Disposal (46)	Ignitability, EPA 1030	Corrosivity, EPA 9000	PCBs 8020	
		DATE	TIME																					
	D-3-4.0	5/6/04	9:15	Soil	1	X		X	X															
	D-1-4.0	↓	9:35	↓	↓	X		X	X															
	D-2-4.0	↓	9:55	↓	↓	X		X	Y															

RUSH

Requested by (Signature): <i>Tom Meehan</i>	Received by (Signature): <i>[Signature]</i>	Date:	Time:
Requested by (Signature): <i>[Signature]</i>	Requested by (Signature): <i>[Signature]</i>	Date: 5/6/04	Time: 15:00
Requested by (Signature): <i>[Signature]</i>	Requested by (Signature): <i>Debbie Harrison / STL-SF</i>	Date: 5/6/04	Time: 17:45

Total Lead

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
D-3-4.0	05/06/2004 09:15	Soil	1
D-1-4.0	05/06/2004 09:35	Soil	2
D-2-4.0	05/06/2004 09:55	Soil	3

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/11/2004 13:21

Total Lead

Cambria Environmental Emeryville
Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Prep(s): 3050B	Test(s): 6010B
Sample ID: D-3-4.0	Lab ID: 2004-05-0190-1
Sampled: 05/06/2004 09:15	Extracted: 5/6/2004 19:32
Matrix: Soil	QC Batch#: 2004/05/07-06:15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	8.7	1.0	mg/Kg	1.00	05/10/2004 10:42	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/11/2004 13:21

Total Lead

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Prep(s): 3050B	Test(s): 6010B
Sample ID: D-1-4.0	Lab ID: 2004-05-0190 - 2
Sampled: 05/06/2004 09:35	Extracted: 5/6/2004 19:32
Matrix: Soil	QC Batch#: 2004/05/07-06.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.5	1.0	mg/Kg	1.00	05/10/2004 10:52	

Total Lead

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Prep(s):	3050B	Test(s):	6010B
Sample ID:	D-2-4.0	Lab ID:	2004-05-0190 - 3
Sampled:	05/06/2004 09:55	Extracted:	5/6/2004 19:32
Matrix:	Soil	QC Batch#:	2004/05/07-06.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.3	1.0	mg/Kg	1.00	05/10/2004 10:55	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/11/2004 13:21

Total Lead

Cambria Environmental Emeryville
Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report			
Prep(s): 3050B			Test(s): 6010B
Method Blank		Soil	QC Batch # 2004/05/07-06.15
MB: 2004/05/07-06.15-043			Date Extracted: 05/06/2004 19:32

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	05/10/2004 09:29	

Total Lead

Cambria Environmental Emeryville
Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report			
Prep(s): 3050B		Test(s): 6010B	
Laboratory Control Spike		Soil	QC Batch # 2004/05/07-06.15
LCS	2004/05/07-06.15-044	Extracted: 05/06/2004	Analyzed: 05/10/2004 09:33
LCSD	2004/05/07-06.15-047	Extracted: 05/06/2004	Analyzed: 05/10/2004 09:48

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	97.7	98.2	100.0	97.7	98.2	0.5	80-120	20		

Total Lead

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report			
Prep(s): 3050B			Test(s): 6010B
Matrix Spike (MS / MSD)	Soil		QC Batch # 2004/05/07-06.15
D-3-4.0 >> MS			Lab ID: 2004-05-0190-001
MS: 2004/05/07-06.15-061	Extracted: 05/06/2004	Analyzed: 05/10/2004 10:45	Dilution: 1.00
MSD: 2004/05/07-06.15-062	Extracted: 05/06/2004	Analyzed: 05/10/2004 10:48	Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level mg/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Lead	86.8	81.7	8.75	98.0	79.6	75.1	5.8	75-125	20		

Cambria Environmental Emeryville

May 12, 2004

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Dan Lescure

Project#: 206-0733

Project: Shell Incident Number-N/A

Site: 2120 Montana, Oakland

Dear Dan

Attached is our report for your samples received on 05/06/2004 17:45

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 06/20/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Total Lead

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SP-1A,B,C,D	05/06/2004 11:00	Soil	1

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.st-inc.com * CA DHS ELAP# 2496

05/11/2004 13:19

Total Lead

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Prep(s):	3050B	Test(s):	6010B
Sample ID:	SP-1A,B,C,D	Lab ID:	2004-05-0189 - 1
Sampled:	05/06/2004 11:00	Extracted:	5/6/2004 19:32
Matrix:	Soil	QC Batch#:	2004/05/07-06.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	22	1.0	mg/Kg	1.00	05/10/2004 10:39	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/11/2004 13:19

Total Lead

Cambria Environmental Emeryville
Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report					
Prep(s): 3050B				Test(s): 6010B	
Method Blank		Soil		QC Batch # 2004/05/07-06.15	
MB: 2004/05/07-06.15-043				Date Extracted: 05/06/2004 19:32	
Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	05/10/2004 09:29	

Total Lead

Cambria Environmental Emeryville
Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report										
Prep(s): 3050B					Test(s): 6010B					
Laboratory Control Spike			Soil			QC Batch # 2004/05/07-06.15				
LCS	2004/05/07-06.15-044		Extracted: 05/06/2004			Analyzed: 05/10/2004 09:33				
LCSD	2004/05/07-06.15-047		Extracted: 05/06/2004			Analyzed: 05/10/2004 09:48				
Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	97.7	98.2	100.0	97.7	98.2	0.5	80-120	20		

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SP-1A,B,C,D	05/06/2004 11:00	Soil	1

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/12/2004 16:35

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733

Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	SP-1A,B,C,D	Lab ID:	2004-05-0189 - 1
Sampled:	05/06/2004 11:00	Extracted:	5/12/2004 15:23
Matrix:	Soil	QC Batch#:	2004/05/12-3A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	580	50	mg/Kg	1.00	05/12/2004 15:23	
Benzene	ND	0.50	mg/Kg	1.00	05/12/2004 15:23	
Toluene	ND	0.50	mg/Kg	1.00	05/12/2004 15:23	
Ethyl benzene	2.8	0.50	mg/Kg	1.00	05/12/2004 15:23	
Total xylenes	1.3	0.50	mg/Kg	1.00	05/12/2004 15:23	
Surrogate(s)						
1,2-Dichloroethane-d4	89.0	70-121	%	1.00	05/12/2004 15:23	
Toluene-d8	95.0	81-117	%	1.00	05/12/2004 15:23	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/12/2004 16:35

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Soil		QC Batch # 2004/05/12-3A.69	
MB: 2004/05/12-3A.69-015				Date Extracted: 05/12/2004 10:15	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	mg/Kg	05/12/2004 10:15	
Benzene	ND	0.50	mg/Kg	05/12/2004 10:15	
Toluene	ND	0.50	mg/Kg	05/12/2004 10:15	
Ethyl benzene	ND	0.50	mg/Kg	05/12/2004 10:15	
Total xylenes	ND	0.50	mg/Kg	05/12/2004 10:15	
Surrogates(s)					
1,2-Dichloroethane-d4	74.0	70-121	%	05/12/2004 10:15	
Toluene-d8	84.0	81-117	%	05/12/2004 10:15	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/12/2004 16:35

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville
Attn.: Dan Lescure

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3306 Fax: (510) 420-9170

Project: 206-0733
Shell Incident Number-N/A

Received: 05/06/2004 17:45

Site: 2120 Montana, Oakland

Batch QC Report			
Prep(s): 5030B		Test(s): 8260B	
Laboratory Control Spike		Soil	
QC Batch # 2004/05/12-3A.69			
LCS	2004/05/12-3A.69-039	Extracted: 05/12/2004	Analyzed: 05/12/2004 09:39
LCSD	2004/05/12-3A.69-057	Extracted: 05/12/2004	Analyzed: 05/12/2004 09:57

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	8.07	8.50	10	80.7	85.0	5.2	69-129	20		
Toluene	8.68	9.12	10	86.8	91.2	4.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	182	186	250	72.8	74.4		70-121			
Toluene-d8	219	224	250	87.6	89.6		81-117			

Calscience
Environmental
Laboratories, Inc.

May 21, 2004

Vincent Vancil
Severn Trent Laboratories
1220 Quarry Lane
Pleasanton, CA 94566-4756

Subject: **Calscience Work Order No.:** 04-05-0804
Client Reference: 2004-05-0189 / 206-0733

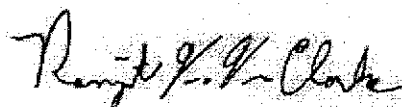
Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/14/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

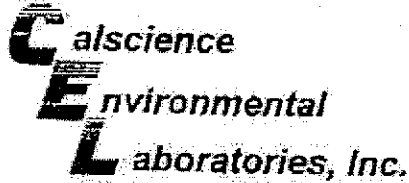
Sincerely,



Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager



Michael J. Crisostomo
Quality Assurance Manager



Analytical Report

Severn Trent Laboratories
 1220 Quarry Lane
 Pleasanton, CA 94566-4756

Date Received: 05/14/04
 Work Order No: 04-05-0804
 Preparation: DHS LUFT
 Method: DHS LUFT

Project: 2004-05-0189 / 206-0733

Page 1 of 1

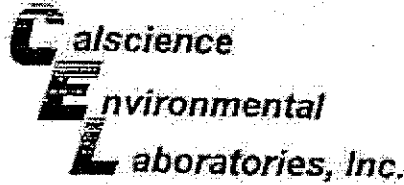
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	GC Batch ID
SP-1A,B,C,D	04-05-0804-1	06/06/04	Solid	05/17/04	05/17/04	040517L07

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	GC Batch ID
Method Blank	089-10-020-197	N/A	Solid	05/17/04	05/17/04	040517L07

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers



Quality Control - Spike/Spike Duplicate

Severn Trent Laboratories
1220 Quarry Lane
Pleasanton, CA 94566-4756

Date Received: 05/14/04
Work Order No: 04-05-0804
Preparation: DHS LUFT
Method: DHS LUFT

Project: 2004-05-0189 / 206-0733

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
04-05-0627-1	Solid	FLAA	05/17/04	05/17/04	040517507

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Organic Lead	88	90	50-130	2	0-20	



Environmental Quality Control - Laboratory Control Sample
Laboratories, Inc.

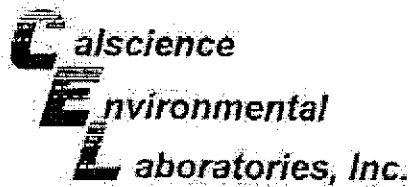
Severn Trent Laboratories
1220 Quarry Lane
Pleasanton, CA 94566-4756

Date Received: N/A
Work Order No: 04-05-0804
Preparation: DHS LUFT
Method: DHS LUFT

Project: 2004-05-0189 / 206-0733

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
009-10-020-197	Solid	FLAA	05/17/04	+	040517L07

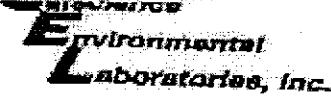
Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec Cl	Qualifier
Organic Lead	25.0	23.4	94	50-130	



Glossary of Terms and Qualifiers

Work Order Number: 04-05-0804

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	Sample was analyzed past recommended holding time.
H	Sample analyzed past recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed on confirmation column.



WORK ORDER #:

04-05-0804

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: STL

DATE: 5/19/04

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- 32 °C IR thermometer.
- Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact): _____ Not Applicable (N/A): _____

Initial: _____

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	✓		
Sample container label(s) consistent with custody papers.....	✓		
Sample container(s) intact and good condition.....	✓		
Correct containers for analyses requested.....	✓		
Proper preservation noted on sample label(s).....	✓		
VOA vial(s) free of headspace.....			✓
Tedlar bag(s) free of condensation.....			✓

Initial: [Signature]

COMMENTS:

0804



Chain of Custody

Date Shipped: 5/13/2004

2004-05-0189 - 1

From: STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

To: CalScience Analytical Laboratory
7440 Lincoln Way
Garden Grove, CA 92841

Project Manager: Vincent Vanci
Phone: (925) 464-1919 Ext:
Fax: (925) 484-1036
Email: vvanci@stl-inc.com

Phone: (714) 895-5494 Ext:
Fax: () -
Contact: Jody McInerney
Phone: (714) 895-5494 Ext:

CL Submission #: 2004-05-0189

Project #: 206-0733

CL PO #:

Project Name: Shell Incident Number-N/A

Table with columns: Client Sample ID, Analysis, CL#, Sampled, Matrix, Method, TAT. Row 1: SP-1A,B,C,D, Subcontract - Organic Lead, 1, 5/5/2004 11:00:00AM, Soil, LUFT, 5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1. Signature, Time 12:55, Printed Name: J. McInerney, Date: 5/13/04, Company: STL-SF

RELINQUISHED BY: 2. Signature, Time, Printed Name, Date, Company

RELINQUISHED BY: 3. Signature, Time, Printed Name, Date, Company

RECEIVED BY: 1. Signature, Time 12:40, Printed Name: MICHAEL, Date: 5/14/04, Company: CEL

RECEIVED BY: 2. Signature, Time, Printed Name, Date, Company

RECEIVED BY: 3. Signature, Time, Printed Name, Date, Company

***** -COMM. JOURNAL- ***** DATE MAY-21-2004 TIME 13:28

MODE = MEMORY TRANSMISSION

START-MAY-21 13:27

END-MAY-21 13:28

FILE NO. -151

STN NO.	COMM.	ONE-TOUCH/ ADDR NO.	STATION NAME/TEL NO.	PAGES	DURATION
001	OK	*	12129490350	003/003	00:00:36

-STL SAN FRANCISCO -

***** -STL SF - ***** 925 484 1090- *****

STL-San Francisco

Shell Oil Products US Chain Of Custody Record

85584

1220 Quarry Lane
Pleasanton, CA 94568

(925) 484-1919 (925) 484-1096-fax

Shell Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Bill Merchant

2004-05-0189

INCIDENT NUMBER (ISAE ONLY)

SAP or CRMT NUMBER (IS/CRMT)

DATE: 5/6/04

PAGE: 1 of 2

CLIENT NAME (MANDATORY): CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC			DATE ADDRESS (State and City): 2120 Montana, Oakland		
ADDRESS: 5900 HOLLIS ST., Suite A.			PROJECT CONTACT (Report to): Dan Lesoure		
CITY: EMERYVILLE, CA 94508			CONTACTAN PROJECT NO.: 205-0733		
TELEPHONE: 510-420-0700	FAX: 510-420-9170	E-MAIL: d.lesoure@cambria-env.com	LAB USE ONLY		
TURNAROUND TIME (BUSINESS DAYS): <input type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS			REQUESTED ANALYSIS:		
<input type="checkbox"/> LA - RWCCR REPORT FORMAT <input type="checkbox"/> USE AGENCY:			FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes		
GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST PER BOILING _____ ALL _____			2.00C		
SPECIAL INSTRUCTIONS OR NOTES:			cc Report to jgerke@cambria-env.com		

LAB USE ONLY	Field Sample Identification	SAMPLING		MATHC	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (B015m)	BTEX	MTBE	BA	S Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	TPLP VOCs by 800	TCLP Semi-Volatiles 827D	Lead	Copper	Mercur	Metals	Metals	Test for Disposal	Probability: EPA 101D	Corrosivity: EPA 9020	PC 820	FIELD NOTES
		DATE	TIME																							
	SP-1A, B, C, D	5/6/04	1100	50114																						

RUSH

Requested by (Signature): 	Requested by (Signature): 	Date: 5/6/04	Time: 1510J
Requested by (Signature): 	Requested by (Signature): Nurse/Harrington / STL-SF	Date: 5/6/04	Time: 1714D

CRMT/STL-SF: All reports must report Chain of Custody to the Customer (Client or Other)

Requested Reviews

This information is business proprietary and confidential and must not be divulged or shared outside the company. The use of this information is strictly for the purpose of doing business with the Centralized Residual Management Team (CRMT). Upon termination of the relationship with the CRMT, this information is not to be forwarded, duplicated, shared or used for any purpose other than for the documentation of past actions.

RESIDUAL MANAGEMENT PROCEDURE

ISSUED DATE: 08/01/01
CANCELS ISSUE:
ISSUED BY: LRR

RESIDUAL STREAM: SOIL WITH UNLEADED GASOLINE
VENDOR: ALLIED-BFI
LOCATION: ALLIED WASTE - MANTECA
9999 SOUTH AUSTIN ROAD
MANTECA, CA 95336

CALIFORNIA - TRANSPORTATION AND RETAIL

BTEX - EPA 80218/82608 (IF BENZENE IS > OR = TO 10 MG/KG THEN TCLP BENZENE IS REQUIRED)

CAM METALS = TTLC METALS - LEAD ONLY

STLC ON ALL TTLC METALS 10 TIMES STLC MAXIMUM

TTLC LEAD => 13 MG/KG REQUIRES ORGANIC LEAD ANALYSIS

IF ANY TTLC TOTAL METAL IS > OR = TO 20 TIMES TCLP REGULATORY LEVELS, TCLP IS REQUIRED

TOTAL PETROLEUM HYDROCARBONS, METHOD 418.1 OR 8015 - GASOLINE

~~MTBE METHOD 82608 (GC/MS)~~

AQUATIC BIOASSAY (FISH TOX) IS ONLY TO BE RUN ON SAMPLES > OR = TO 5000 PPM TPH. AQUATIC BIOASSAY (FISH TOX) = PART 800 OF STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER (15TH EDITION)

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)

-ALTERNATE APPROVED TEST METHODS PER SW846 ARE ALSO ACCEPTABLE

-ALL REQUIRED TESTS ON COMPOSITE (MAX 4-1)

-LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS

~~MAIL OR FAX ALL ANALYSIS TO THE CENTRALIZED RESIDUAL MANAGEMENT TEAM~~

PROCEDURE ORIGINAL DATE: 08/01/01
PROCEDURE REVISED DATE: 08/01/01

2004-05-0189

ATTACHMENT C

Soil Disposal Confirmation and Non-Hazardous Waste Manifest



FAXED
6/18/04

Hazardous Waste Hauler (Registration #2843)

8896 Elder Creek Rd. • Sacramento, CA 95828 • FAX (916) 381-1573

Disposal Confirmation

Request for Transportation Received: _____

5/27/04

Consultant Information

Company: Cambria Environmental
 Contact: Jason Gerke
 Phone: 510-420-3320
 Fax: 510-420-9170

Site Information

Station #: N/A
 Street Address: 2120 Montana
 City, State, ZIP: Oakland, CA

Customer: Shell Oil Company RESA-0023-LDC
 RIPR #: 35217
 SAP # / Location: 135675
 Incident #: _____
 Location / WIC #: N/A
 Environmental Engineer: Bill Merchant

Material Description: Contaminated Soil
 Estimated Quantity: 10 yards
 Service Requested Date: _____

Disposal Facility: Forward Landfill
 Contact: Joe Griffith
 Phone: 800 204-4242
 Approval #: 4523
 Date of Disposal: 05/31/04
 Actual Tonnage: 7.27

Transporter: Manley & Sons Trucking, Inc.
 Contact: Lora Cardenas
 Phone: 916 381-6864
 Fax: 916 381-1573
 Invoice: 52213-A
 Date of Invoice: 06/11/04

Sanitary Landfill
 901 Bailey Road
 Pittsburg, CA 94565
 Phone (925) 458-9800
 Fax (925) 458-9891

Sanitary Landfill
 12310 San Mateo Road
 Half Moon Bay, CA 94019
 Phone (650) 726-1819
 Fax (650) 726-9183

Sanitary Landfill
 1601 Dixon Landing Road
 Milpitas, CA 95035
 Phone (408) 945-2800
 Fax (408) 262-2871

Landfill
 9999 S. Austin Road
 Manteca, CA 95336
 Phone (209) 982-4298
 Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC		WASTE ACCEPTANCE NO. 4523	
MAILING ADDRESS P.O. Box 7889		REQUIRED PERSONAL PROTECTIVE EQUIPMENT <input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT <input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER	
CITY, STATE, ZIP Burbank, CA 91510		SPECIAL HANDLING PROCEDURES:	
PHONE 510-420-3320		RECEIVING FACILITY:	
CONTACT PERSON Jason Cerke		RIPR # 35217 SAP# 135675 Incident # 98995863 WIC #	
SIGNATURE OF AUTHORIZED AGENT / TITLE * <i>Jason Muly</i>		DATE 5/31/10	
<small>GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.</small>			
WASTE TYPE: <input type="checkbox"/> DISPOSAL <input type="checkbox"/> SLUDGE <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> WOOD <input type="checkbox"/> DEBRIS <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL WASTE		GENERATING FACILITY: 2120 Montana, Oakland	
TRANSPORTER Manley & Sons Trucking, Inc.		NOTES:	
ADDRESS: 8896 Elder Creek Rd.		VEHICLE LICENSE NUMBER: 5V59716 TRUCK NUMBER: 55	
CITY, STATE, ZIP Sacramento, CA 95828		<input type="checkbox"/> END DUMP <input type="checkbox"/> BOTTOM DUMP <input type="checkbox"/> TRANSFER	
PHONE 916-381-6864		<input type="checkbox"/> ROLL-OFF(S) <input checked="" type="checkbox"/> FLAT-BED <input type="checkbox"/> VAN <input type="checkbox"/> DRUMS	
SIGNATURE OF AUTHORIZED AGENT OR DRIVER * <i>R. Ryan</i>		DATE 5/31/10	
REMARKS:		CUBIC YARDS: 10 cubic yards	
FACILITY TICKET NUMBER:		DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)	
SIGNATURE OF AUTHORIZED AGENT * <i>[Signature]</i>		<input type="checkbox"/> SOIL <input type="checkbox"/> DISPOSE <input type="checkbox"/> OTHER	
DATE:		<input type="checkbox"/> CONSTRUCTION DEBRIS	
DATE:		<input type="checkbox"/> NON-FRIABLE ASBESTOS	
DATE:		<input type="checkbox"/> WOOD	
DATE:		<input type="checkbox"/> ASH	
DATE:		<input type="checkbox"/> SPECIAL OTHER	

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE
 GENERATOR COPY MANIFEST # 52608