

C A M B R I A

March 23, 2005

Mr. John Camp  
 Environmental Protection Specialist  
 Environmental Services Division  
 City of San Leandro  
 835 East 14<sup>th</sup> Street  
 San Leandro, California 94577

Alameda County

MAR 23 2005

Environmental Health

Re: **Dispenser Upgrade Sampling Report**  
 Shell-branded Service Station  
 1285 Bancroft Avenue  
 San Leandro, California  
 SAP #136017  
 Cambria Project #207-0504-001



Dear Mr. Camp:

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

## SITE CONDITIONS

**Site Location:** This active Shell-branded service station is located on the corner of Bancroft Avenue and Estudillo Avenue in San Leandro, California (Figure 1). Currently, the site consists of a station building, three underground storage tanks (USTs), and four dispenser islands (Figure 2). The surrounding area is commercial and residential.

**2005 Upgrade Activities:** During January and February of 2005, Armer/Norman & Associates, Inc. of Pacheco, California upgraded the station's fuel system, including the UST sumps and fuel dispensers. As described below, Cambria collected soil samples beneath the replaced dispensers.

## 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:** Ron Barone, Staff Geologist, Cambria  
 Andy Ellsmore, Staff Geologist, Cambria  
 John Camp, Environmental Protection Specialist, City of San Leandro

*Sampling Date:* January 31, 2005

*Sampling Requirements:* As directed by Mr. John Camp during field activities on January 31, 2005, one soil sample was required beneath each of the four dispensers.

*Dispenser Sampling:* Under Mr. Camp's direction, soil samples were collected at depths of 4.0 feet below grade (fbg) and 4.5 fbg (Figure 2). Field indications of hydrocarbons, including staining and odor, were not observed in the vicinity of the sampled areas. Attachment A presents Cambria's standard procedures for dispenser and piping sampling.



*Sample Analyses:* As directed by Mr. Camp, State-certified laboratory Severn Trent Laboratories Inc. of Pleasanton, California analyzed the soil 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. Table 1 summarizes laboratory analytical results. Attachment B presents the laboratory analytical reports and chain of custody records.

*Waste Handling:* The upgrade activities generated a total of 42.15 tons of soil. 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 TTLC lead. The stockpile was transported by Manley Trucking to Forward Landfill in Manteca, California, for disposal on February 18, 2005. The soil disposal confirmation is included as Attachment C. Mr. Camp did not require characterization of excavated pea gravel for reuse on site.

## **ANALYTICAL RESULTS**

TPHg and BTEX concentrations were below the laboratory detection limits in all dispenser soil samples. MTBE was detected in one soil sample (D-3-4.5) at a concentration of 0.0088 parts per million. No other analytes were detected. Table 1 summarizes laboratory analytical results. The laboratory analytical reports are included in Attachment B.


## **CONCLUSIONS**

Cambria compared the analytical results to the applicable San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs). None of the detected concentrations exceeded their respective ESL. As a result, Cambria recommends *no further investigation*.

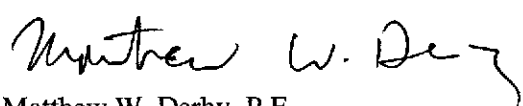
**CLOSING**

Please call Martin Wills (510) 420-3342 if you have any questions or comments.

Sincerely,  
**Cambria Environmental Technology, Inc.**



Martin A. Wills  
Project Geologist



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



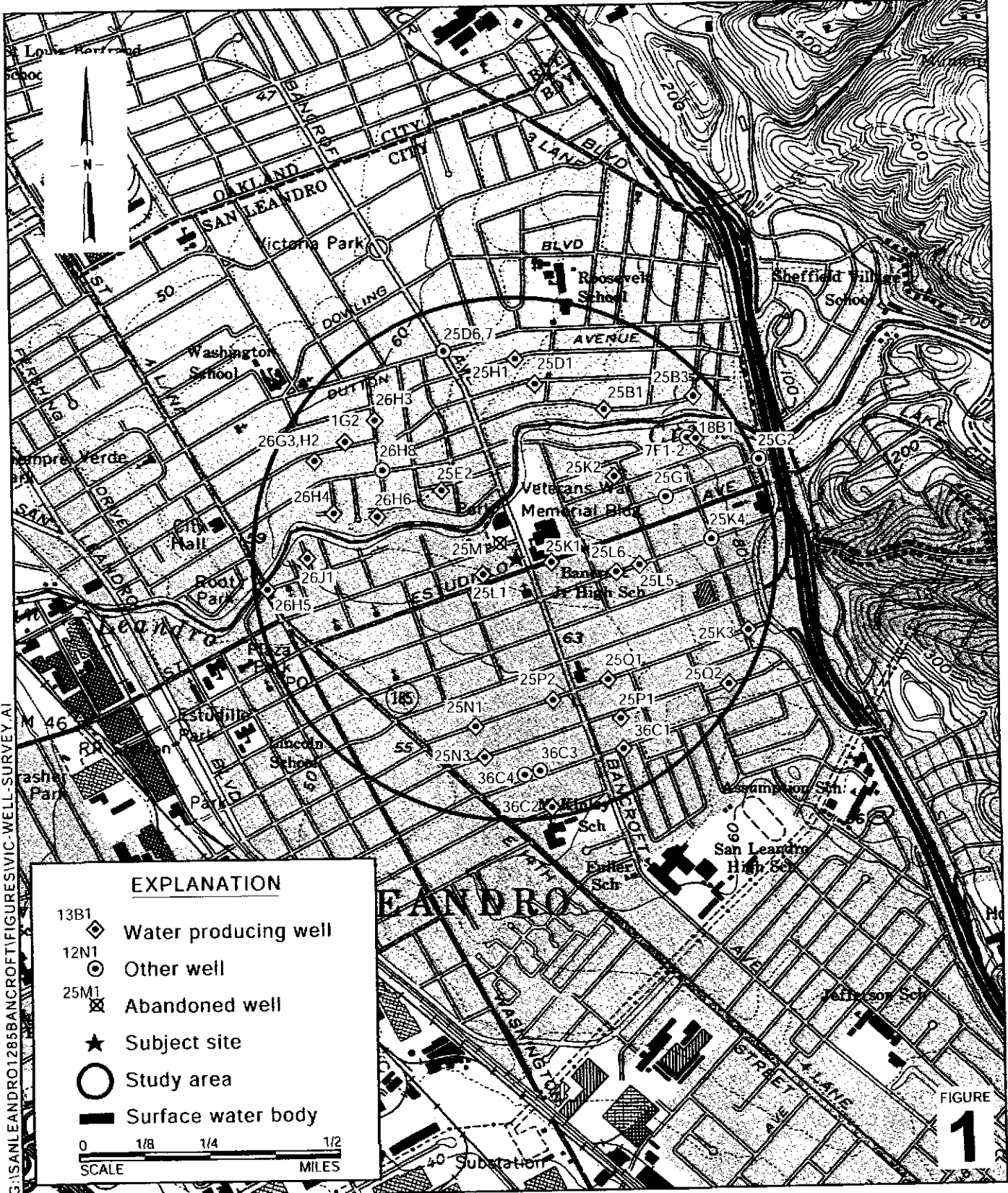
Figures:           1 - Vicinity/Well Survey Map  
                      2 - Site Plan

Table:             1 - Soil Analytical Results

Attachments:    A - Standard Piping and Dispenser Removal Sampling Procedures  
                      B - Certified Laboratory Analytical Reports  
                      C - Soil Disposal Confirmation

cc:                Denis Brown, Shell Oil Products US, 20945 S. Wilmington, Carson CA 90810  
                      Bill Merchant, Shell Oil Products US, 9141 E. Stockton Blvd., Suite 250-321, Elk  
                      Grove, CA 95624  
                      Roseanna Garcia-La Grille, Alameda County Health Care Services Agency,  
                      1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

G:\San Leandro 1285 Bancroft\2005 EVR Upgrades\Report\1285 Bancroft San Leandro. Upgrade RPT.doc



**Shell-branded Service Station**  
 1285 Bancroft Avenue  
 San Leandro, California  
 Incident #98996067



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

G:\SANLEANDRO\1285BANCROFT\FIGURES\VIC-WELL-SURVEY.A1

**EXPLANATION**

- D-1-4.0 ■ Dispenser soil sample location (1/31/05)
- MW-1 ● Monitoring well location
- IW-1 ⊕ Irrigation well location
- SB-9 ● Soil boring location (2/04)
- SB-1 ⊕ Soil boring location (8/03)
- SB-5 ⊕ Attempted soil boring location (8/03)
- B-1 ⊕ Soil vapor survey location (6/00)
- BH-D ⊕ Soil boring location (WA, 1994)

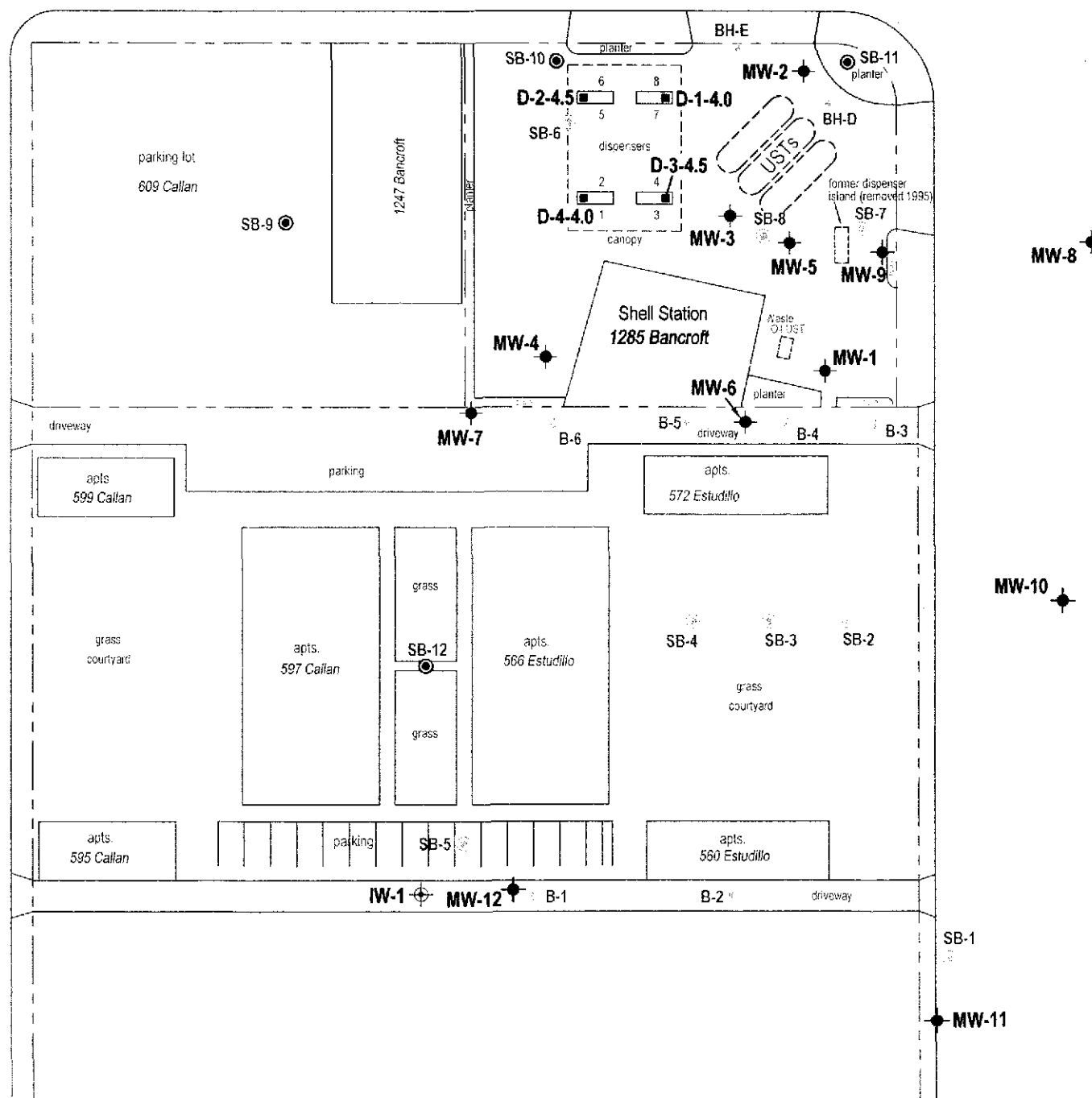
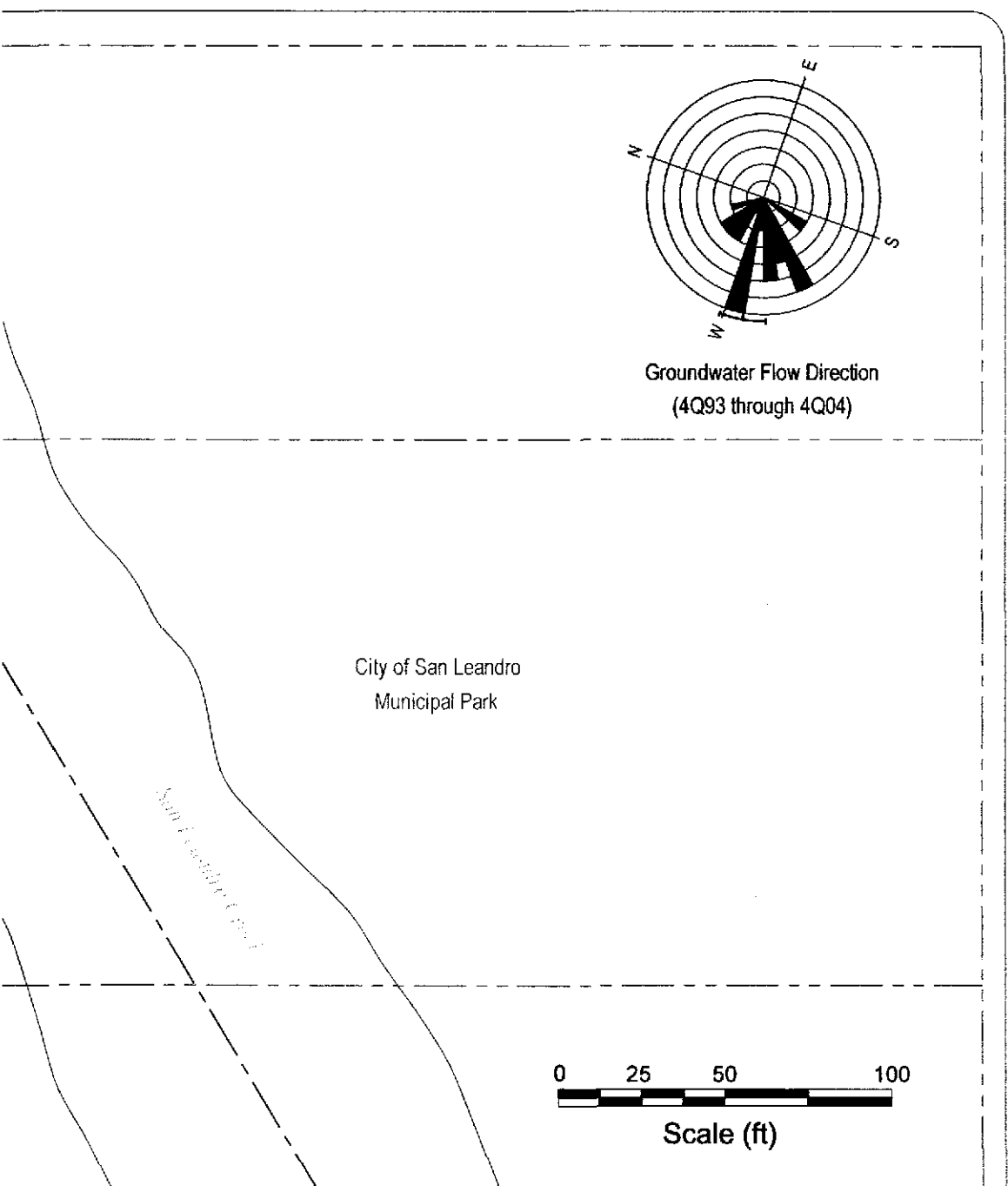
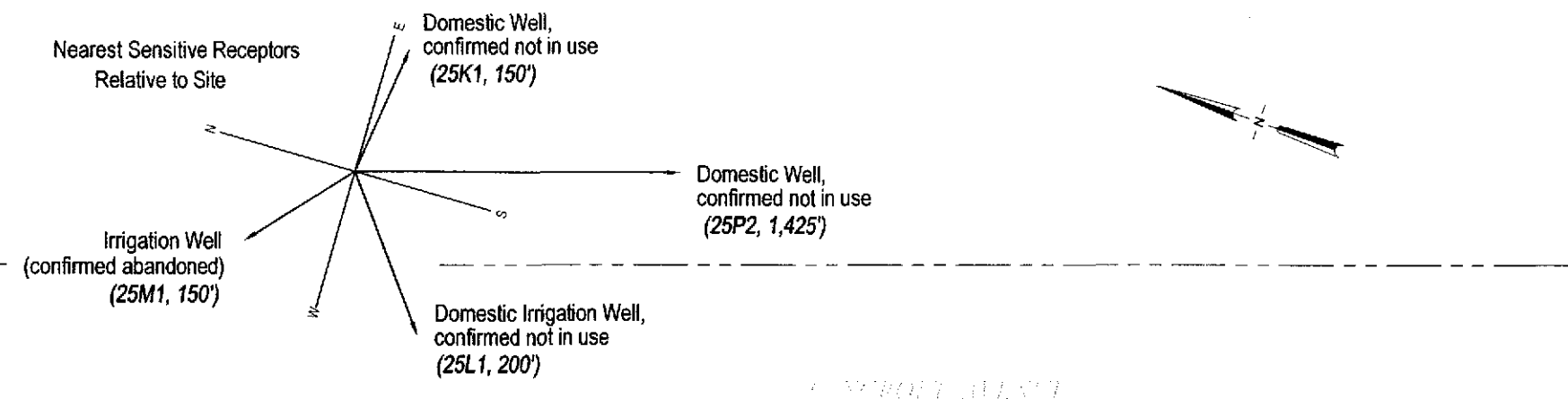


FIGURE 2

Shell-branded Service Station

1285 Bancroft Avenue  
San Leandro, California  
Incident #98996067

C A M B R I A

GISAN LEANDRO 1285 BANCROFT FIGURE SITE PLAN 1-05.DWG

# CAMBRIA

**Table 1. Soil Analytical Results, Shell-branded Service Station, 1285 Bancroft Avenue, San Leandro, CA, SAP #136017**

Sample	Depth (fbg)	Date Sampled	TPHg	ppm				
				Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE
D-1-4.0	4.0	1/31/2005	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
D-2-4.5	4.5	1/31/2005	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
D-3-4.5	4.5	1/31/2005	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
D-4-4.0	4.0	1/31/2005	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<b>0.0088</b>

Abbreviations and Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B

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

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

fbg = feet below grade

parts per million = ppm

<x = Not detected at detection limit x

**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.



**ATTACHMENT B**

Certified Laboratory Analytical Reports

**Cambria Environmental Emeryville**

February 01, 2005

5900 Hollis Street, Ste. A  
Emeryville, CA 94608

Attn.: Martin Wills

Project#: 207-0504-001

Project: Shell SAP Number 136017

Site: 1285 Bancroft Avenue, San Leandro, CA

Attached is our report for your samples received on 01/31/2005 16:45

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 03/17/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

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

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Shell SAP Number 136017

Received: 01/31/2005 16:45

Site: 1285 Bancroft Avenue, San Leandro, CA

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
D-1-4.0	01/31/2005 14:20	Soil	1
D-2-4.5	01/31/2005 14:25	Soil	2
D-3-4.5	01/31/2005 14:34	Soil	3
D-4-4.0	01/31/2005 14:40	Soil	4

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

02/01/2005 16:08

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

Cambria Environmental Emeryville  
Attn.: Martin Wills

5900 Hollis Street, Ste. A  
Emeryville, CA 94608  
Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001  
Shell SAP Number 136017

Received: 01/31/2005 16:45

Site: 1285 Bancroft Avenue, San Leandro, CA

Prep(s): 5030B Test(s): 8260B  
Sample ID: D-1-4.0 Lab ID: 2005-01-0829 - 1  
Sampled: 01/31/2005 14:20 Extracted: 2/1/2005 12:18  
Matrix: Soil QC Batch#: 2005/02/01-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	02/01/2005 12:18	
Benzene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:18	
Toluene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:18	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:18	
Total xylenes	ND	0.0050	mg/Kg	1.00	02/01/2005 12:18	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	02/01/2005 12:18	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	106.5	76-124	%	1.00	02/01/2005 12:18	
Toluene-d8	105.0	75-116	%	1.00	02/01/2005 12:18	

Severn Trent Laboratories, Inc.

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

02/01/2005 16:08

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

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5900 Hollis Street, Ste. A  
Emeryville, CA 94608  
Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001  
Shell SAP Number 136017

Received: 01/31/2005 16:45

Site: 1285 Bancroft Avenue, San Leandro, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: D-2-4.5	Lab ID: 2005-01-0829 - 2
Sampled: 01/31/2005 14:25	Extracted: 2/1/2005 12:36
Matrix: Soil	QC Batch#: 2005/02/01-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	02/01/2005 12:36	
Benzene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:36	
Toluene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:36	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:36	
Total xylenes	ND	0.0050	mg/Kg	1.00	02/01/2005 12:36	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	02/01/2005 12:36	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	112.7	76-124	%	1.00	02/01/2005 12:36	
Toluene-d8	101.7	75-116	%	1.00	02/01/2005 12:36	

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

Cambria Environmental Emeryville

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Project: 207-0504-001

Shell SAP Number 136017

Received: 01/31/2005 16:45

Site: 1285 Bancroft Avenue, San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	D-3-4.5	Lab ID:	2005-01-0829 - 3
Sampled:	01/31/2005 14:34	Extracted:	2/1/2005 12:55
Matrix:	Soil	QC Batch#:	2005/02/01-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	02/01/2005 12:55	
Benzene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:55	
Toluene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:55	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/01/2005 12:55	
Total xylenes	ND	0.0050	mg/Kg	1.00	02/01/2005 12:55	
Methyl tert-butyl ether (MTBE)	0.0088	0.0050	mg/Kg	1.00	02/01/2005 12:55	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	114.4	76-124	%	1.00	02/01/2005 12:55	
Toluene-d8	100.3	75-116	%	1.00	02/01/2005 12:55	

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

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A  
Emeryville, CA 94608  
Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001  
Shell SAP Number 136017

Received: 01/31/2005 16:45

Site: 1285 Bancroft Avenue, San Leandro, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: <b>D-4-4.0</b>	Lab ID: 2005-01-0829 - 4
Sampled: 01/31/2005 14:40	Extracted: 2/1/2005 13:14
Matrix: Soil	QC Batch#: 2005/02/01-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	02/01/2005 13:14	
Benzene	ND	0.0050	mg/Kg	1.00	02/01/2005 13:14	
Toluene	ND	0.0050	mg/Kg	1.00	02/01/2005 13:14	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/01/2005 13:14	
Total xylenes	ND	0.0050	mg/Kg	1.00	02/01/2005 13:14	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	02/01/2005 13:14	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	107.2	76-124	%	1.00	02/01/2005 13:14	
Toluene-d8	102.7	75-116	%	1.00	02/01/2005 13:14	

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

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Shell SAP Number 136017

Received: 01/31/2005 16:45

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2005/02/01-1A.69-009

Test(s): 8260B

QC Batch # 2005/02/01-1A.69

Date Extracted: 02/01/2005 09:09

Soil

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.000	mg/Kg	02/01/2005 09:09	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	02/01/2005 09:09	
Benzene	ND	0.0050	mg/Kg	02/01/2005 09:09	
Toluene	ND	0.0050	mg/Kg	02/01/2005 09:09	
Ethyl benzene	ND	0.0050	mg/Kg	02/01/2005 09:09	
Total xylenes	ND	0.0050	mg/Kg	02/01/2005 09:09	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	107.6	76-124	%	02/01/2005 09:09	
Toluene-d8	105.2	75-116	%	02/01/2005 09:09	

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

02/01/2005 16:08



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

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A  
Emeryville, CA 94608  
Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001  
Shell SAP Number 136017

Received: 01/31/2005 16:45

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2005/02/01-1A.69**

LCS: 2005/02/01-1A.69-050

Extracted: 02/01/2005

Analyzed: 02/01/2005 08:50

LCSD

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	0.0537		0.05	107.4			65-165	20		
Benzene	0.0471		0.05	94.2			69-129	20		
Toluene	0.0516		0.05	103.2			70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	519		500	103.8			76-124			
Toluene-d8	532		500	106.4			75-116			

Severn Trent Laboratories, Inc.

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02/01/2005 16:08

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

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Shell SAP Number 136017

Received: 01/31/2005 16:45

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2005/02/01-1A.69**

MS/MSD

Lab ID: 2005-01-0778 - 001

MS: 2005/02/01-1A.69-040

Extracted: 02/01/2005

Analyzed: 02/01/2005 11:40

Dilution: 1.00

MSD: 2005/02/01-1A.69-059

Extracted: 02/01/2005

Analyzed: 02/01/2005 11:59

Dilution: 1.00

Compound	Conc. mg/Kg		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	0.0480	0.0472	ND	0.05	96.0	94.4	1.7	65-165	20		
Benzene	0.0492	0.0527	ND	0.05	98.4	105.4	6.9	69-129	20		
Toluene	0.0515	0.0541	ND	0.05	103.0	108.2	4.9	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	492	468		500	98.4	93.6		76-124			
Toluene-d8	538	555		500	107.6	111.0		75-116			

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

02/01/2005 16:08

STL-San Francisco

# SHELL Chain Of Custody Record

97906

1229 Query Lane  
Pleasanton, CA 94566

Shell Project Manager to be invoiced:

- SERVICE & ENGINEERING
- TECHNICAL SERVICES
- TESTING/ANALYSIS

## 2005-01-0829

Oil Merchant

INCIDENT NUMBER (SSE ONLY)						
SAP or CRMT NUMBER (TO CRMT)						

DATE: 01/31/05  
PAGE: 1 of 1

(925) 424-1919 (S25) 424-1036 fax

**CAMBRIA ENVIRONMENTAL TECHNOLOGY INC.**

1285 Bancroft Avenue, San Leandro, CA

3800 HOLLIS ST, Suite A, Emeryville, CA 94608

Marty Weiss

(510) 420-3342

(510) 420-9170

mweiss@cambria-env.com

Ron Barrios

- 10 DAYS
- 5 DAYS
- 2 WEEKS
- 48 HOURS
- 24 HOURS
- LESS THAN 24 HOURS

### REQUESTED ANALYSIS

- GC - AROMS (SEMI-QUANT)
- GC - AROMS (QUANT)

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF NOT MARKED

cc: aellismore@Cambria-env.com

FIELD NOTES:  
Containers/Preservatives  
or PID Readings  
or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING		ANALYZE	NO. OF BOTTLS	TSS - Filtrable	TSS - Extractable (60129)	PTX	MTBE	IPA	D. Oxygenates	1,2 DCA and ECE	BTEXes	Methanol	YOSs by 82610	Semi-Volatiles by 82702	Lead <input type="checkbox"/> Van <input type="checkbox"/> SAC <input type="checkbox"/> HAF	CUMPS <input type="checkbox"/> TMS <input type="checkbox"/> S10 <input type="checkbox"/> HAF	CART <input type="checkbox"/> TMS <input type="checkbox"/> S10 <input type="checkbox"/> TGP	Test for Disposal (see attached)	FIELD NOTES	
		DATE	TIME																			
✓	D-1-4.0	1/31	1425	50	1	X		X	X													
✓	D-2-4.5	11	1425	50	1	X		X	X													
✓	D-3-4.5	11	1431	50	1	X		X	X													
✓	D-4-4.0	11	1430	50	1	X		X	X													

# RUSH

Signature: *[Handwritten Signature]*  
 Title: *[Handwritten Title]*

Location: *Garage location, Foster*  
 Signature: *[Handwritten Signature]*

Date: 1/31/05  
 Time: 1/31/05  
 Time: 1/31/05

Time: 3:45  
 Time: 4:45  
 Time: 1950

**Cambria Environmental Emeryville**

February 10, 2005

5900 Hollis Street, Ste. A  
Emeryville, CA 94608

Attn.: Martin Wills

Project#: 207-0504-001

Site: 1285 Bancroft Avenue, San Leandro, CA

Attached is our report for your samples received on 02/09/2005 11:16

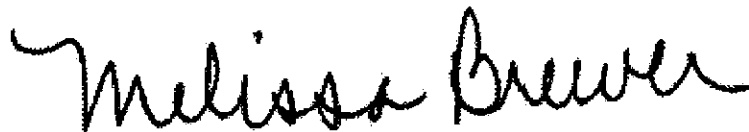
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/26/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
SP-3	02/09/2005 09:00	Soil	1

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	SP-3	Lab ID:	2005-02-0231 - 1
Sampled:	02/09/2005 09:00	Extracted:	2/10/2005 09:22
Matrix:	Soil	QC Batch#:	2005/02/10-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	02/10/2005 09:22	
Benzene	ND	0.0050	mg/Kg	1.00	02/10/2005 09:22	
Toluene	ND	0.0050	mg/Kg	1.00	02/10/2005 09:22	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/10/2005 09:22	
Total xylenes	ND	0.0050	mg/Kg	1.00	02/10/2005 09:22	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	100.5	76-124	%	1.00	02/10/2005 09:22	
Toluene-d8	98.5	75-116	%	1.00	02/10/2005 09:22	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2005/02/10-1A.62

MB: 2005/02/10-1A.62-048

Date Extracted: 02/10/2005 08:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	02/10/2005 08:48	
Benzene	ND	0.0050	mg/Kg	02/10/2005 08:48	
Toluene	ND	0.0050	mg/Kg	02/10/2005 08:48	
Ethyl benzene	ND	0.0050	mg/Kg	02/10/2005 08:48	
Total xylenes	ND	0.0050	mg/Kg	02/10/2005 08:48	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	105.6	76-124	%	02/10/2005 08:48	
Toluene-d8	99.2	75-116	%	02/10/2005 08:48	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A  
Emeryville, CA 94608  
Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2005/02/10-1A.62

LCS 2005/02/10-1A.62-022

Extracted: 02/10/2005

Analyzed: 02/10/2005 08:22

LCSD

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.0504		0.05	100.8			69-129	20		
Toluene	0.0519		0.05	103.8			70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	490		500	98.0			76-124			
Toluene-d8	517		500	103.4			75-116			



**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2005/02/10-1A.62**

SP-3 >> MS

Lab ID: 2005-02-0231 - 001

MS: 2005/02/10-1A.62-047

Extracted: 02/10/2005

Analyzed: 02/10/2005 09:47

Dilution: 1.00

MSD: 2005/02/10-1A.62-013

Extracted: 02/10/2005

Analyzed: 02/10/2005 10:13

Dilution: 1.00

Compound	Conc. mg/Kg		Spk.Level mg/Kg	Recovery %			Limits %		Flags		
	MS	MSD		Sample	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	0.0485	0.0523	ND	0.049115	98.7	105.0	6.2	69-129	20		
Toluene	0.0493	0.0531	ND	0.049115	100.4	106.6	6.0	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	498	497		500	99.6	99.4		76-124			
Toluene-d8	501	496		500	100.2	99.2		75-116			

**Total Lead**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
SP-3	02/09/2005 09:00	Soil	1

**Total Lead**

Cambria Environmental Emeryville  
Attn.: Martin Wills

5900 Hollis Street, Ste. A  
Emeryville, CA 94608  
Phone: (510) 420-3342 Fax: (510) 420-9170  
Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 3050B

Test(s): 6010B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2005/02/10-03.15**

LCS 2005/02/10-03.15-002

Extracted: 02/10/2005

Analyzed: 02/10/2005 10:29

LCSD 2005/02/10-03.15-003

Extracted: 02/10/2005

Analyzed: 02/10/2005 10:38

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	102	100	100.0	102.0	100.0	2.0	80-120	20		

**TLCP Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
SP-3	02/09/2005 09:00	Soil	1

**TLCP Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

Prep(s): 1311/3010A	Test(s): 6020
Sample ID: SP-3	Lab ID: 2005-02-0231 - 1
Sampled: 02/09/2005 09:00	Extracted: 2/11/2005 09:48
Matrix: Soil	QC Batch#: 2005/02/11-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	10.00	02/14/2005 11:36	

**TLCP Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): CA W.E.T./3005A

Test(s): 6010B

Method Blank

Soil

QC Batch # 2005/02/11-02.15

MB: 2005/02/11-02.15-001

Date Extracted: 02/11/2005 09:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	0.1	mg/L	02/14/2005 11:28	

**TLCP Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 3010A

Test(s): 6020

**Laboratory Control Spike**

**Soil**

**QC Batch # 2005/02/11-02.15**

LCS 2005/02/11-02.15-002

Extracted: 02/11/2005

Analyzed: 02/14/2005 11:31

LCSD 2005/02/11-02.15-003

Extracted: 02/11/2005

Analyzed: 02/14/2005 11:33

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	4.49	4.75	5.0	89.8	95.0	5.6	80-120	20		

**CAM W.E.T. (STLC) Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
SP-3	02/09/2005 09:00	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

02/14/2005 17:33



**CAM W.E.T. (STLC) Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

Prep(s):	CA W.E.T./3005A	Test(s):	6020
Sample ID:	SP-3	Lab ID:	2005-02-0231 - 1
Sampled:	02/09/2005 09:00	Extracted:	2/11/2005 09:48
Matrix:	Soil	QC Batch#:	2005/02/11-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	10.00	02/14/2005 12:58	

**CAM W.E.T. (STLC) Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): CA W.E.T./3005A

Test(s): 6010B

Method Blank

Soil

QC Batch # 2005/02/11-02.15

MB: 2005/02/11-02.15-001

Date Extracted: 02/11/2005 09:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	0.1	mg/L	02/14/2005 11:28	

**CAM W.E.T. (STLC) Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 3010A

Test(s): 6020

**Laboratory Control Spike**

**Soil**

**QC Batch # 2005/02/11-02.15**

LCS 2005/02/11-02.15-002

Extracted: 02/11/2005

Analyzed: 02/14/2005 11:31

LCSD 2005/02/11-02.15-003

Extracted: 02/11/2005

Analyzed: 02/14/2005 11:33

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	4.49	4.75	5.0	89.8	95.0	5.6	80-120	20		

**CAM W.E.T. (STLC) Metals**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

SAP 136017

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 3010A

Test(s): 6020

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2005/02/11-02.15**

SP-3 >> MS

Lab ID: 2005-02-0231 - 001

MS: 2005/02/11-02.15-005

Extracted: 02/11/2005

Analyzed: 02/14/2005 11:39

Dilution: 10.00

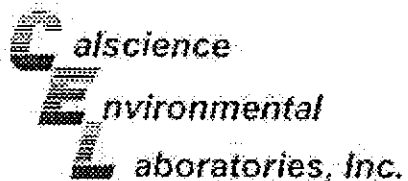
MSD: 2005/02/11-02.15-006

Extracted: 02/11/2005

Analyzed: 02/14/2005 11:41

Dilution: 10.00

Compound	Conc. mg/L			Spk.Level mg/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Lead	0.531	0.505	ND	0.5	106.2	101.0	5.0	75-125	20		



February 14, 2005

Melissa Brewer  
Severn Trent Laboratories, Inc.  
1220 Quarry Lane  
Pleasanton, CA 94566-4756

Subject: Calscience Work Order No.: 05-02-0633  
Client Reference: 2005-02-0231 / 207-0504-001 / SAP 136017

Dear Client:

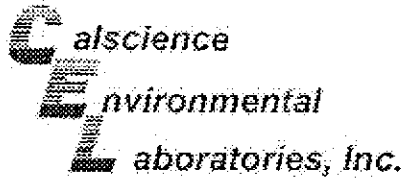
Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/11/2005 and analyzed in accordance with the attached chain-of-custody.

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.

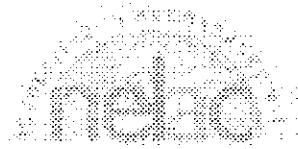
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental  
Laboratories, Inc.  
Ranjit Clarke  
Project Manager



## Analytical Report



Savern Trent Laboratories, Inc.  
1220 Quarry Lane  
Pleasanton, CA 94568-4758

Date Received: 02/11/05  
Work Order No: 05-02-0633  
Preparation: DHS LUFT  
Method: DHS LUFT

Project: 2005-02-0231 / 207-0504-001 / SAP 136017

Page 1 of 1

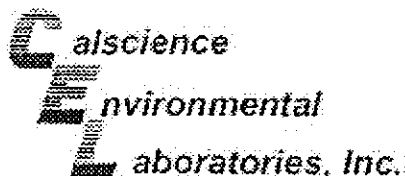
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	GC Batch ID
SP-3	05-02-0633-1	02/09/05	Solid	02/14/05	02/14/05	050214L06

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

Method Blank	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	GC Batch ID
	099-10-020-296	N/A	Solid	02/14/05	02/14/05	050214L05

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

RL - Reporting Limit    DF - Dilution Factor    Qual - Qualifying



Quality Control - Spike/Spike Duplicate



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

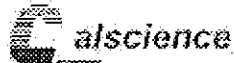
Date Received: 02/11/05  
Work Order No: 05-02-0633  
Preparation: DHS LUFT  
Method: DHS LUFT

Project: 2005-02-0231 / 207-0504-001 / SAP 136017

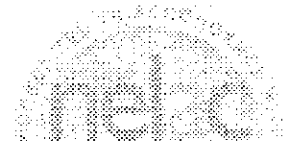
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-02-0448-2	Solid	FLAA	02/14/05	02/14/05	659214S06

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Organic Lead	81	62	22.148	2	0.18	

RPD - Relative Percent Difference      CL - Control Limit



**Environmental Quality Control - Laboratory Control Sample**  
**Laboratories, Inc.**



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

Data Received: N/A  
 Work Order No: 05-02-0633  
 Preparation: DHS LUFT  
 Method: DHS LUFT

Project: 2005-02-0231 / 207-0504-001 / SAP 136017

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
039-10-020-288	Solid	FLAA	02/14/05	NONE	050214L06

Parameter	Date Actual	Date Recycled	LCS Refs	Lab File	Quality
Organic Load	25.8	26.8	105	72-138	

RPO - Relative Percent Difference CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92641-1427 • TEL: (714) 895-8494 • FAX: (714) 894-7501





Work Order Number: 05-02-0633

<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.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the 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	Non-target 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 laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



Chain of Custody

Date Shipped: 2/10/2005  
2005-02-0231 - 1

From: STL San Francisco (CL)  
1220 Quarry Lane  
Pleasanton, CA 94558-4758

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

Project Manager: Melissa Brewer  
Phone: Ext.  
Fax: (925) 484-1096  
Email: mbrewer@stl-inc.com

Phone: (714) 895-5494 Ext.  
Fax: 0 -  
Contact: Sample Control  
Phone: (714) 895-5494 Ext.

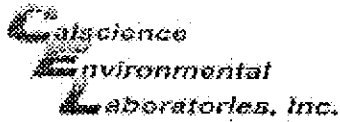
CL Submission #:	2005-02-0231	Project #:	207-0504-001
CL PO #:		Project Name:	SAP-136017
Client Sample ID:	SP-3	Sample:	Subcontract - Organic Lead
Analysis:		Date/Time:	2/9/2005 9:00:00AM
		Soil:	LOFT
		Day:	1

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

Due:  
2-14-05  
Monday

**RUSH**

<p>RELINQUISHED BY: 1</p> <p>Signature: <i>[Signature]</i> Time: 16:32</p> <p>Printed Name: T. Bullock Date: 2/10/05</p> <p>Company: STL SF</p>	<p>RELINQUISHED BY: 2</p> <p>Signature: _____ Time: _____</p> <p>Printed Name: FED EX Date: _____</p> <p>Company: _____</p>	<p>RELINQUISHED BY: 3</p> <p>Signature: _____ Time: _____</p> <p>Printed Name: _____ Date: _____</p> <p>Company: _____</p>
<p>RECEIVED BY: 1</p> <p>Signature: _____ Time: _____</p> <p>Printed Name: _____ Date: _____</p> <p>Company: _____</p>	<p>RECEIVED BY: 2</p> <p>Signature: <i>[Signature]</i> Time: 10:20</p> <p>Printed Name: MARLON CORDEIRO Date: 2/10/05</p> <p>Company: CALSCIENCE</p>	<p>RECEIVED BY: 3</p> <p>Signature: _____ Time: _____</p> <p>Printed Name: _____ Date: _____</p> <p>Company: _____</p>



WORK ORDER #: 05 - 02 - 0633

Cooler 1 of 1

### SAMPLE RECEIPT FORM

CLIENT: STL SAN FRANCISCO

DATE: 2/11/05

**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.
- °C IR thermometer.
- Ambient temperature.

Initial: dlc

**CUSTODY SEAL INTACT:**

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

Initial: dlc

**SAMPLE CONDITION:**

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

Initial: dlc

**COMMENTS:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

1220 Quarry Lane

Pleasanton, CA 94568

(925) 484-1919 (925) 484-1098 fax

Shell Project Manager to be involved:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- COMPLIANCE

Bill Merchant

2005-02-0231

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (TS/CRMT)

1 3 6 0 1 7

DATE 2/9/05

PAGE 1 of 1

CAMERIX ENVIRONMENTAL TECHNOLOGY INC		1285 Bancroft Avenue, San Leandro, CA	
5066 HOLLIS ST, Suite A, Emeryville, CA 94608		207-8804-081	
Marty Wilk		LAB USE ONLY	
(510) 420-1312	(510) 420-9178	Ray Belone	

- 01 BULK
- 02 DRUMS
- 03 TANKS
- 04 BARGE
- 05 TANKER
- 06 PIPE LINE

- US - EPCOS REPORT FORMAT
- USE AGENCY

SPECIAL INSTRUCTIONS OR NOTES:  
 SP-3A-D → Compare SP-3  
 cc: rbarone@camerix-env.com

REQUESTED ANALYSIS

FIELD NOTES:  
 Container Preservative or PID Readings or Laboratory Notes

On Ice  
 6  
 SP-3

SAP/CRMT	Field Sample Identification		SAMPLING		METHOD	QA/QC	TVA - Pulpable	TVA - Extractable (API/2m)	MTEK	MIRE	IPA	Cyanide	S 2 HCL Acid ELIS	Ethane	Methanol	VOCs by GC/MS	Semi-Volatiles by GC/MS	SWP	LAPTS	CAMP	Test for Disposal (see attached)	
	DATE	TIME	DATE	TIME																		
✓	SP-3	A	2/9/05	9:00	Soil	1	X	X	X													X
✓	SP-3	B	↓	9:05	Soil	1																
✓	SP-3	C	↓	9:10	Soil	1																
✓	SP-3	D	↓	9:15	Soil	1																

Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Location: <i>Source Location</i>	Date: <i>2/9/05</i>	Time: <i>10:05</i>
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Date: <i>2/9/05</i>	Time: <i>11:05</i>	

This information is business proprietary and confidential and must not be disclosed or shared outside the company. The use of this information is strictly for the purpose of being followed 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: IRE

SIGNAL STREAM: SOIL WITH UNLEADED GASOLINE  
NOOR: ALLIED-IRI  
LOCATION: ALLIED WASTE - MANTECA  
2529 SOUTH AUGER ROAD  
MANTECA, CA 95335

ELIQUIMA - TRANSPORTATION AND RETAIL

EX - EPA 8021B/W/008 (IF BENZENE IS > OR = TO 10 MG/KG THEN TCLP BENZENE IS REQUIRED)

M METALS - TCLP METALS - LEAD ONLY  
STLC ON ALL TCLP METALS 10 TIMES STLC MAXIMUM  
TCLP LEAD - 11 MG/KG REQUIRES ORGANIC LEAD ANALYSIS  
IF ANY TCLP TOTAL METAL IS > OR = TO 20 TIMES TCLP REGULATORY LEVELS, TCLP IS REQUIRED

TOTAL PETROLEUM HYDROCARBONS, METHOD 413, 1 OF 3015 - GASOLINE

TCLP METHOD 8260B (GC/MS)

JUSTIC BIOASSAY (FISH TOX) IS ONLY TO BE RUN ON SAMPLES > OR = TO 5000 PPM TPH. AQUATIC GASSAY (FISH TOX) - PART 550 OF STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER (15TH EDITION)

LABORATORY INSTRUCTIONS (MINIMUM CRITERIA ONLY)  
USE EPA APPROVED TEST METHODS PER SW846 ARE ALSO ACCEPTABLE  
ALL REQUIRED TESTS OR COMPOSITE (max 4:1)  
LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS  
CALL OR FAX ALL ANALYSIS TO THE CENTRALIZED RESIDUAL MANAGEMENT TEAM

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

2005-01-07

**Total Lead**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

Prep(s):	3050B	Test(s):	6010B
Sample ID:	SP-3	Lab ID:	2005-02-0231 - 1
Sampled:	02/09/2005 09:00	Extracted:	2/10/2005 05:51
Matrix:	Soil	QC Batch#:	2005/02/10-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	300	1.0	mg/Kg	1.00	02/10/2005 11:18	

**Total Lead**

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0504-001

Received: 02/09/2005 11:16

Site: 1285 Bancroft Avenue, San Leandro, CA

**Batch QC Report**

Prep(s): 3050B

Test(s): 6010B

Method Blank

Soil

QC Batch # 2005/02/10-03.15

MB: 2005/02/10-03.15-001

Date Extracted: 02/10/2005 05:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	02/10/2005 10:26	

**ATTACHMENT C**

Soil Disposal Confirmation





**FAXED**

Hazardous Waste Hauler (Registration #2843)

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

### Disposal Confirmation

Request for Transportation Received: 02/15/05

### Consultant Information

Company: Cambria  
Contact: Ron Barone  
Phone: 510-420-3308  
Fax: 510-420-9170

### Site Information

Station #: \_\_\_\_\_  
Street Address: 1285 Bancroft  
City, State, ZIP: San Leandro, Ca

Customer: Shell Oil Company RESA-0023-LDC  
RIPR #: 42367  
SAP # / Location: 136017  
Incident #: N/A  
Location / WIC #: N/A  
Environmental Engineer: Bill Merchant

Material Description: Soil  
Estimated Quantity: 15 cy  
Service Requested Date: ASAP

Disposal Facility: Forward Landfill  
Contact: Scott  
Phone: 800 204-4242  
Approval #: 5260  
Date of Disposal: 02/18/05  
Actual Tonnage: 42.15 tons

Transporter: Manley & Sons Trucking, Inc.  
Contact: Alayna A Rowe  
Phone: 916 381-6864  
Fax: 916 381-1573  
Invoice: 200502-20  
Date of Invoice: 02/21/05