



**CONESTOGA-ROVERS  
& ASSOCIATES**

5900 Hollis Street, Suite A, Emeryville, California 94608  
Telephone: 510-420-0700 Facsimile: 510-420-9170  
www.CRAworld.com

Ro2082  
April 30, 2007

Mr. Paul Smith  
Livermore-Pleasanton Fire Department  
3560 Nevada Street  
Pleasanton, California 94566

Re: **Underground Storage Tank Removal Report**  
Shell-branded Service Station  
1801 Santa Rita Road  
Pleasanton, California  
SAP Code 135783  
CRA Project No. 201232-001

Dear Mr. Smith:

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document the recent underground storage tank (UST) removal activities at the referenced site. Under Livermore-Pleasanton Fire Department (LPFD) direction, Cambria Environmental Technology, Inc. (Cambria) performed soil sampling following the removal of one waste oil UST. Cambria performed the work in accordance with Alameda County Health Care Services Agency (ACHCSA) and San Francisco Bay Regional Water Quality Control Board (RWQCB) guidelines.

## **SITE DESCRIPTION**

The subject site is an active Shell-branded service station located on the northwest corner of the Santa Rita Road and Valley Avenue intersection in Pleasanton, California (Figure 1). Prior to the waste oil UST removal, the site layout included a station building, three gasoline USTs, one waste oil UST, and four dispenser islands. (Figure 2).

Equal  
Employment  
Opportunity Employer



## **SAMPLING ACTIVITIES AND SAMPLE ANALYSES**

On February 14, 2007, Wayne Perry, Inc. (Wayne Perry) of Sacramento, California removed one 550-gallon single-wall fiberglass waste oil UST. Attachment A presents CRA's standard tank removal sampling procedures.

### ***Personnel Present:***

- Paul Smith, Hazardous Materials Inspector, LPFD
- Chris Steadman, Construction Foreman, Wayne Perry
- Celina Hernandez, Senior Staff Geologist, CRA (formerly Cambria)

***Sampling Date:*** February 14, 2007

***UST Removal Observations:*** Cambria observed no cracks, holes, or corrosion in the UST upon removal.

***UST Excavation Soil Sampling:*** Cambria collected one soil sample (WO-1-12) from the bottom of the UST excavation at a depth of 12 feet below grade using an excavator. Figure 2 shows the sampling location. The soil was removed from the excavator bucket and packed into a clean brass sample tube; the tube ends were covered with Teflon<sup>®</sup> tape and plastic end caps. The soil sample was labeled, placed into a cooler with ice, entered onto a chain of custody record, and transported to a California-certified analytical laboratory.

***Chemical Analyses:*** State-certified laboratory TestAmerica Analytical Testing Corporation (TestAmerica) of Sacramento, California analyzed the sample for:

- Oil and grease by EPA Method 413.1 (Modified);
- Total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015 (Modified);
- Total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary-butyl ether (MTBE), ethyl tertiary-butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary-amyl methyl ether (TAME), tertiary-butanol (TBA), 1,2-dichloroethane (1,2-DCA), 1,2-dibromoethane (EDB), and chlorinated hydrocarbons by EPA Method 8260B;
- Cadmium, chromium, lead, nickel, and zinc by EPA Method 6010B;
- Polychlorinated biphenyls (PCBs) by EPA Method 3545/8082; and
- Polynuclear aromatics (PNAs) and pentachlorophenol (PCP) by EPA Method 8270C.

Attachment B includes the laboratory report.



**Soil Disposal:** No soil or pea gravel was removed from the site during the waste oil UST removal activities. Cambria collected one four-point composite sample from the pea gravel removed from the UST excavation during soil sampling activities. State-certified laboratory TestAmerica analyzed the composite sample for:

- Total recoverable petroleum hydrocarbons by EPA Method 418.1 (Modified);
- TPHd by EPA Method 8015B with silica gel clean-up;
- TPHg, BTEX, and toxicity characteristic leaching procedure (TCLP) volatile organic compounds by EPA Method 8260B;
- Antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc by EPA Method 6010B;
- Mercury by EPA Method 7471A;
- TCLP semi-volatile organic compounds by EPA Method 8270C;
- PCBs by EPA Method 3545/8082;
- Total cyanide EPA Method 9014; and
- Sulfide by EPA Method 9034.

With approval from ACHCSA staff, the pea gravel was placed back into the excavation. Attachment B includes the laboratory report.

## **ANALYTICAL RESULTS**

Table 1 summarizes soil analytical results, and Attachment B presents the laboratory analytical reports. A summary of these data is presented below.

The soil sample (WO-1-12) collected from the UST excavation contained 6.5 milligrams per kilogram (mg/kg) TPHd, 0.19 mg/kg TPHg, 62 mg/kg chromium, 6.2 mg/kg lead, 91 mg/kg nickel, and 42 mg/kg zinc.

Based on these concentrations, Shell submitted an Underground Storage Tank Unauthorized Release (Leak)/Site Contamination Report (Unauthorized Release Report) on March 7, 2007. Attachment C presents this report.



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Mr. Paul Smith  
April 30, 2007

## CONCLUSIONS

All the detections except chromium are below RWQCB environmental screening levels (ESLs) for deep soil (greater than 3 meters below grade) where groundwater is a current or potential drinking water source for residential land use areas.

## CLOSING

If you have any questions regarding the contents of this report, please call Aubrey Cool at (510) 420-3336.

Sincerely,  
**Conestoga-Rovers & Associates**

Aubrey K. Cool, PG  
Professional Geologist



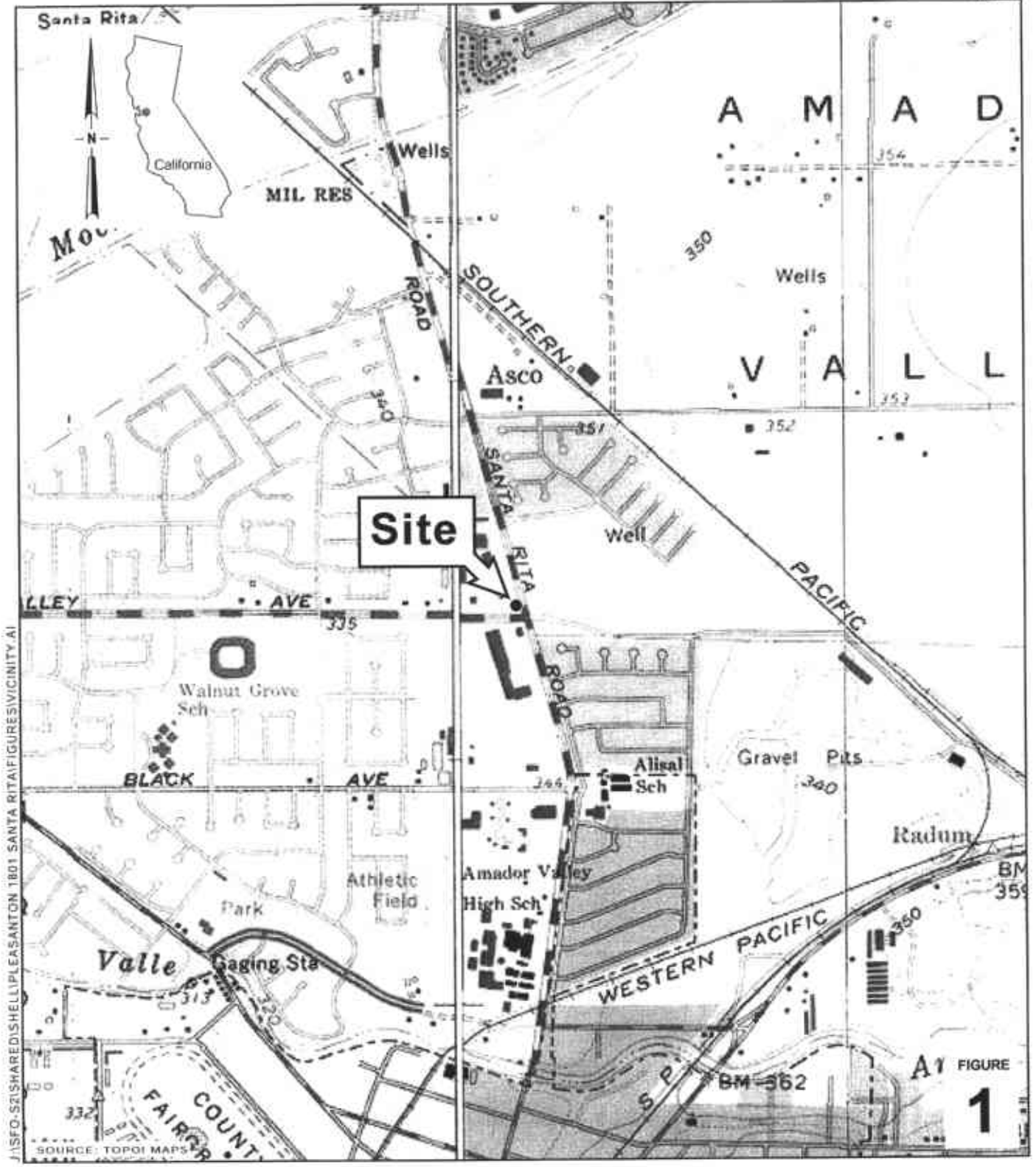
Figures:        1 – Vicinity Map  
                    2 – Site Plan

Table:            1 – Soil Analytical Data

Attachments:    A – Tank Removal Sampling Procedures  
                         B – Laboratory Analytical Reports  
                         C – Unauthorized Release Report

cc:    Bill Merchant, Shell Oil Products US, 4801 Laguna Boulevard, Suite 105-290, Elk Grove, CA 95758  
      Denis Brown, Shell Oil Products US, 20945 S. Wilmington Avenue, Carson, CA 90810  
      Jerry Wickham, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577  
      Eric Frohnapple, Delta Environmental Consultants, Inc., 175 Bernal Road, Suite 200, San Jose, CA 95119

J:\Shell\Pleasanton 1801 Santa Rita\2007 waste oil tank removal\Report\WOT Pull Report 2007.doc



J:\SFO-STISHARE\DISHELL\PLEASANTON 1801 SANTA RITA\FIGURE5\VICINITY.A1

SOURCE: TOPOI MAPS



SCALE : 1" = 1/4 MILE

### Shell-branded Service Station

1801 Santa Rita Road  
Pleasanton, California



**CONESTOGA-ROVERS  
& ASSOCIATES**

### Vicinity Map



EXPLANATION	
WO-1	◆ Soil sample location (2/14/07)

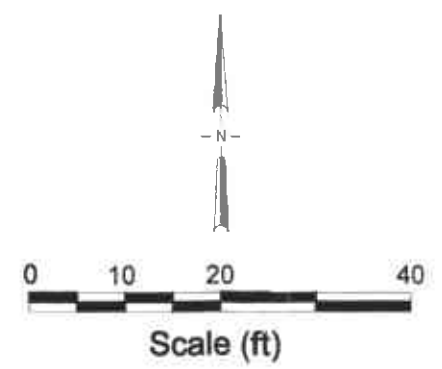


FIGURE  
**2**

Site Plan

**Shell-branded Service Station**

1801 Santa Rita Road  
Pleasanton, California



**CONESTOGA-ROVERS  
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**Table 1. Soil Analytical Data - Shell-branded Service Station, 1801 Santa Rita Road, Pleasanton, California**

Sample ID	Date Sampled	Depth (fbg)	O&G	TPHd	TPHg	BTEX	Chlorinated	OXYs	1,2-DCA	EDB	Cd	Cr	Pb	Ni	Zn	PNAs	PCP	PCBs
							Hydrocarbons											
							(mg/kg)											
WO-1-12	14-Feb-07	12	<500	6.5	0.19	ND	ND	ND	<0.0019	<0.0019	<0.50	<b>62</b>	6.2	91	42	ND	<0.83	<0.099
			<b>SFBRWQCB ESLs for deep soil where groundwater is a current or potential drinking water source (Residential Land Use)</b>															
			<b>1,000</b>	<b>100</b>	<b>100</b>	<b>Varies</b>	<b>Varies</b>	<b>Varies</b>	<b>0.0045</b>	<b>0.00033</b>	<b>38</b>	<b>58</b>	<b>750</b>	<b>1,000</b>	<b>2,500</b>	<b>Varies</b>	<b>5.3</b>	<b>6.3</b>

**Abbreviations and Notes:**

O&amp;G = Oil and grease by EPA Method 413.1 (Modified)

TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 (Modified)

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

BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8260B

Chlorinated hydrocarbons by EPA Method 5030B/8260B; see laboratory analytical report for a complete list of specific constituents

OXYs = Methyl tertiary-butyl ether, di-isopropyl ether, ethyl tertiary-butyl ether, tertiary-amyl methyl ether, and tertiary-butanol by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane by EPA Method 8260B

EDB = 1,2-Dibromoethane by EPA Method 8260B

Cd = Cadmium by EPA Method 6010B

Cr = Chromium by EPA Method 6010B

Pb = Lead by EPA Method 6010B

Ni = Nickel by EPA Method 6010B

Zn = Zinc by EPA Method 6010B

PNAs = Polynuclear aromatics by EPA Method 8270C; see laboratory analytical report for a complete list of specific constituents

PCP = Pentachlorophenol by EPA Method 8270C

PCBs = Polychlorinated biphenyls by EPA Method 8082; see laboratory analytical report for a complete list of specific constituents

fbg = Feet below grade

mg/kg = Milligrams per kilogram (parts per million)

&lt;x = Not detected at reporting limit x

ND = Not detected; see laboratory analytical report for constituent-specific reporting limits

-- = No applicable environmental screening level

All detected constituents tabulated. See laboratory report for complete results.

Data in **BOLD** equals or exceeds applicable San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) environmental screening level (ESL) value

**ATTACHMENT A**

Tank Removal Sampling Procedures



## TANK REMOVAL SAMPLING PROCEDURES

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

### Tank Removal Sampling

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

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

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

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

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

**ATTACHMENT B**

Laboratory Analytical Reports

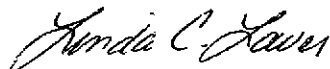
5 March, 2007

Aubrey Cool  
Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville, CA 94608

RE: 1801 Santa Rita Rd., Pleasanton  
Work Order: SQB0320

Enclosed are the results of analyses for samples received by the laboratory on 02/15/07 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Linda C. Laver  
Project Manager

CA ELAP Certificate # 2630

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WO-1-12	SQB0320-01	Soil	02/14/07 09:40	02/15/07 16:10

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WO-1-12 (SQB0320-01) Soil Sampled: 02/14/07 09:40 Received: 02/15/07 16:10</b>									
<b>DRO (C10-C28)</b>	<b>6.5</b>	<b>5.0</b>	<b>mg/kg</b>	<b>1</b>	<b>7B19077</b>	<b>02/19/07</b>	<b>02/20/07</b>	<b>EPA 8015 MOD.</b>	
<i>Surrogate: n-Octacosane</i>		<i>94 %</i>	<i>40-125</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)**

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WO-1-12 (SQB0320-01) Soil</b> Sampled: 02/14/07 09:40 Received: 02/15/07 16:10									
Volatile Fuel Hydrocarbons (C4-C12)	ND	0.19	mg/kg	1	7B16027	02/16/07	02/17/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		106 %	80-125		"	"	"	"	
Surrogate: Toluene-d8		105 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WO-1-12 (SQB0320-01) Soil Sampled: 02/14/07 09:40 Received: 02/15/07 16:10</b>									
Bromodichloromethane	ND	0.0019	mg/kg	1	7B16027	02/16/07	02/17/07 05:29	EPA 8260B	
Bromoform	ND	0.0048	"	"	"	"	"	"	
Bromomethane	ND	0.0048	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0048	"	"	"	"	"	"	
Chlorobenzene	ND	0.0019	"	"	"	"	"	"	
Chloroethane	ND	0.0048	"	"	"	"	"	"	
Chloroform	ND	0.0019	"	"	"	"	"	"	
Chloromethane	ND	0.0048	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0019	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0019	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0019	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0019	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0048	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0019	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0019	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0048	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0019	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0019	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0019	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0019	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0019	"	"	"	"	"	"	
Methylene chloride	ND	0.019	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0048	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0019	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0019	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0019	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0019	"	"	"	"	"	"	
Trichloroethene	ND	0.0019	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0048	"	"	"	"	"	"	
Vinyl chloride	ND	0.0048	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %	80-125	"	"	"	"	"	
Surrogate: Toluene-d8		105 %	80-120	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	80-120	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0019	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0019	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %	80-125	"	"	"	"	"	
Surrogate: Toluene-d8		105 %	80-120	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	80-120	"	"	"	"	"	

TestAmerica - Sacramento, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Cambria Env - 5900 Hollis, Emeryville (Shell)  
 5900 Hollis St., Ste. A  
 Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
 Project Number: SAP# 135783  
 Project Manager: Aubrey Cool

SQB0320  
 Reported:  
 03/05/07 09:54

## BTEX/OXYGENATES by GC/MS (EPA 8260B)

TestAmerica - Irvine, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>WO-1-12 (SQB0320-01) Soil Sampled: 02/14/07 09:40 Received: 02/15/07 16:10</b>										
Benzene	ND	0.00096		mg/kg	1	7B16027	02/16/07	02/17/07	EPA 8260B	
Ethylbenzene	ND	0.00096		"	"	"	"	"	"	
Toluene	ND	0.00096		"	"	"	"	"	"	
m,p-Xylenes	ND	0.0019		"	"	"	"	"	"	
o-Xylene	ND	0.00096		"	"	"	"	"	"	
Xylenes, Total	ND	0.0019		"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	0.0019		"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.0019		"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.0019		"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.0019		"	"	"	"	"	"	
tert-Butanol (TBA)	ND	0.019		"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %		80-125		"	"	"	"	
Surrogate: Toluene-d8		105 %		80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %		80-120		"	"	"	"	



Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)**

TestAmerica - Irvine, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>WO-1-12 (SQB0320-01) Soil Sampled: 02/14/07 09:40 Received: 02/15/07 16:10</b>										
1,2,4-Trichlorobenzene	ND	0.33		mg/kg	1	7B20056	02/20/07	02/20/07	EPA 8270C	
1,2-Dichlorobenzene	ND	0.33		"	"	"	"	"	"	
1,2-Diphenylhydrazine/Azobenzene	ND	0.33		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.33		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.33		"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.33		"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.33		"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.33		"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.33		"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.66		"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.33		"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.33		"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.33		"	"	"	"	"	"	
2-Chlorophenol	ND	0.33		"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.33		"	"	"	"	"	"	
2-Methylphenol	ND	0.33		"	"	"	"	"	"	
2-Nitroaniline	ND	0.33		"	"	"	"	"	"	
2-Nitrophenol	ND	0.33		"	"	"	"	"	"	
3,3-Dichlorobenzidine	ND	0.83		"	"	"	"	"	"	
3-Nitroaniline	ND	0.33		"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.42		"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.33		"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.33		"	"	"	"	"	"	
4-Chloroaniline	ND	0.33		"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.33		"	"	"	"	"	"	
4-Methylphenol	ND	0.33		"	"	"	"	"	"	
4-Nitroaniline	ND	0.83		"	"	"	"	"	"	
4-Nitrophenol	ND	0.83		"	"	"	"	"	"	
Acenaphthene	ND	0.33		"	"	"	"	"	"	
Acenaphthylene	ND	0.33		"	"	"	"	"	"	
Aniline	ND	0.42		"	"	"	"	"	"	
Anthracene	ND	0.33		"	"	"	"	"	"	
Benzenzidine	ND	0.66		"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.33		"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.33		"	"	"	"	"	"	L
Benzo(b)fluoranthene	ND	0.33		"	"	"	"	"	"	L
Benzo(g,h,i)perylene	ND	0.33		"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.33		"	"	"	"	"	"	
Benzoic acid	ND	0.83		"	"	"	"	"	"	
Benzyl alcohol	ND	0.33		"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
 5900 Hollis St., Ste. A  
 Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
 Project Number: SAP# 135783  
 Project Manager: Aubrey Cool

SQB0320  
 Reported:  
 03/05/07 09:54

## SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

TestAmerica - Irvine, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>WO-1-12 (SQB0320-01) Soil Sampled: 02/14/07 09:40 Received: 02/15/07 16:10</b>										
Bis(2-chloroethoxy)methane	ND	0.33	mg/kg	1		7B20056	02/20/07	02/20/07	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.17	"	"		"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.33	"	"		"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.33	"	"		"	"	"	"	
Butyl benzyl phthalate	ND	0.33	"	"		"	"	"	"	
Carbazole	ND	0.33	"	"		"	"	"	"	
Chrysene	ND	0.33	"	"		"	"	"	"	
Dibenz(a,h)anthracene	ND	0.42	"	"		"	"	"	"	
Dibenzofuran	ND	0.33	"	"		"	"	"	"	
Diethyl phthalate	ND	0.33	"	"		"	"	"	"	
Dimethyl phthalate	ND	0.33	"	"		"	"	"	"	
Di-n-butyl phthalate	ND	0.33	"	"		"	"	"	"	
Di-n-octyl phthalate	ND	0.33	"	"		"	"	"	"	
Fluoranthene	ND	0.33	"	"		"	"	"	"	
Fluorene	ND	0.33	"	"		"	"	"	"	
Hexachlorobenzene	ND	0.33	"	"		"	"	"	"	
Hexachlorobutadiene	ND	0.33	"	"		"	"	"	"	
Hexachlorocyclopentadiene	ND	0.83	"	"		"	"	"	"	
Hexachloroethane	ND	0.33	"	"		"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.33	"	"		"	"	"	"	
Isophorone	ND	0.33	"	"		"	"	"	"	
Naphthalene	ND	0.33	"	"		"	"	"	"	
Nitrobenzene	ND	0.33	"	"		"	"	"	"	
N-Nitrosodimethylamine	ND	0.33	"	"		"	"	"	"	
N-Nitroso-di-n-propylamine	ND	0.25	"	"		"	"	"	"	
N-Nitrosodiphenylamine	ND	0.33	"	"		"	"	"	"	
Pentachlorophenol	ND	0.83	"	"		"	"	"	"	
Phenanthrene	ND	0.33	"	"		"	"	"	"	
Phenol	ND	0.33	"	"		"	"	"	"	
Pyrene	ND	0.33	"	"		"	"	"	"	
Pyridine	ND	0.20	"	"		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		82 %		35-125		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		79 %		35-120		"	"	"	"	
Surrogate: 2-Fluorophenol		64 %		25-120		"	"	"	"	
Surrogate: Nitrobenzene-d5		69 %		30-120		"	"	"	"	
Surrogate: Phenol-d6		71 %		35-120		"	"	"	"	
Surrogate: Terphenyl-d14		88 %		40-135		"	"	"	"	

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**POLYCHLORINATED BIPHENYLS (EPA 3545/8082)**

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WO-1-12 (SQB0320-01) Soil</b> <b>Sampled: 02/14/07 09:40</b> <b>Received: 02/15/07 16:10</b> <b>RL1</b>									
Aroclor 1016	ND	0.099	mg/kg	1	7B19093	02/19/07	02/21/07	EPA 8082	
Aroclor 1221	ND	0.099	"	"	"	"	"	"	
Aroclor 1232	ND	0.099	"	"	"	"	"	"	
Aroclor 1242	ND	0.099	"	"	"	"	"	"	
Aroclor 1248	ND	0.099	"	"	"	"	"	"	
Aroclor 1254	ND	0.099	"	"	"	"	"	"	
Aroclor 1260	ND	0.099	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		98 %	45-120	"	"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd, Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

**SQB0320**  
**Reported:**  
03/05/07 09:54

**METALS**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>WO-1-12 (SQB0320-01) Soil Sampled: 02/14/07 09:40 Received: 02/15/07 16:10</b>										
Cadmium	ND	0.50		mg/kg	1	7B17042	02/17/07	02/19/07 11:58	EPA 6010B	
Chromium	62	1.0		"	"	"	"	"	"	
Lead	6.2	2.0		"	"	"	"	"	"	
Nickel	91	2.0		"	"	"	"	02/19/07 11:57	"	
Zinc	42	5.0		"	"	"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
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Project Manager: Aubrey Cool

SQB0320  
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03/05/07 09:54

**INORGANICS**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>WO-1-12 (SQB0320-01) Soil Sampled: 02/14/07 09:40 Received: 02/15/07 16:10</b>										
Oil & Grease	ND	500		mg/kg	1	7B20085	02/20/07	02/20/07	EPA 413.1 MOD.	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B19077 - CADHS LUFT / EPA 8015 MOD.**

<b>Blank (7B19077-BLK1)</b>		Prepared: 02/19/07 Analyzed: 02/20/07								
EFH (C8 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	6.40		"	6.67		96	40-125			
<b>Laboratory Control Sample (7B19077-BS1)</b>		Prepared: 02/19/07 Analyzed: 02/20/07								
EFH (C8 - C28)	26.2	5.0	mg/kg	33.3		79	40-115			
Surrogate: n-Octacosane	6.12		"	6.67		92	40-125			
<b>Matrix Spike (7B19077-MS1)</b>		Source: IQB1737-12		Prepared: 02/19/07 Analyzed: 02/20/07						
EFH (C8 - C28)	80.7	5.0	mg/kg	33.3	36	134	40-120			M1
Surrogate: n-Octacosane	6.27		"	6.67		94	40-125			
<b>Matrix Spike Dup (7B19077-MSD1)</b>		Source: IQB1737-12		Prepared: 02/19/07 Analyzed: 02/20/07						
EFH (C8 - C28)	85.9	5.0	mg/kg	33.3	36	150	40-120	6	30	M1
Surrogate: n-Octacosane	6.16		"	6.67		92	40-125			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd, Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 7B16027 - EPA 5030B GCMS / TPH by GC/MS</b>										
<b>Blank (7B16027-BLK1)</b>				Prepared & Analyzed: 02/16/07						
Volatile Fuel Hydrocarbons (C4-C12)	ND	0.20	mg/kg							
Surrogate: Dibromofluoromethane	0.0504		"	0.0500		101	80-125			
Surrogate: Toluene-d8	0.0525		"	0.0500		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.0524		"	0.0500		105	80-120			
<b>Laboratory Control Sample (7B16027-BS2)</b>				Prepared & Analyzed: 02/16/07						
Volatile Fuel Hydrocarbons (C4-C12)	0.774	0.20	mg/kg	1.00		77	60-135			
Surrogate: Dibromofluoromethane	0.0507		"	0.0500		101	80-125			
Surrogate: Toluene-d8	0.0527		"	0.0500		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.0532		"	0.0500		106	80-120			
<b>Matrix Spike (7B16027-MS1)</b>				Source: IQB1237-01		Prepared: 02/16/07 Analyzed: 02/17/07				
Volatile Fuel Hydrocarbons (C4-C12)	1.79	0.20	mg/kg	3.45	ND	52	55-140			M2
Surrogate: Dibromofluoromethane	0.0512		"	0.0500		102	80-125			
Surrogate: Toluene-d8	0.0530		"	0.0500		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.0511		"	0.0500		102	80-120			
<b>Matrix Spike Dup (7B16027-MSD1)</b>				Source: IQB1237-01		Prepared: 02/16/07 Analyzed: 02/17/07				
Volatile Fuel Hydrocarbons (C4-C12)	1.65	0.20	mg/kg	3.45	ND	48	55-140	8	25	M2
Surrogate: Dibromofluoromethane	0.0517		"	0.0500		103	80-125			
Surrogate: Toluene-d8	0.0528		"	0.0500		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.0501		"	0.0500		100	80-120			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
 5900 Hollis St., Ste. A  
 Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
 Project Number: SAP# 135783  
 Project Manager: Aubrey Cool

SQB0320  
 Reported:  
 03/05/07 09:54

**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**Batch 7B16027 - EPA 5030B GCMS / EPA 8260B**

**Blank (7B16027-BLK1)**

Prepared & Analyzed: 02/16/07

Bromodichloromethane	ND	0.0020	mg/kg							
Bromoform	ND	0.0050	"							
Bromomethane	ND	0.0050	"							
Carbon tetrachloride	ND	0.0050	"							
Chlorobenzene	ND	0.0020	"							
Chloroethane	ND	0.0050	"							
Chloroform	ND	0.0020	"							
Chloromethane	ND	0.0050	"							
Dibromochloromethane	ND	0.0020	"							
1,2-Dibromoethane (EDB)	ND	0.0020	"							
1,2-Dichlorobenzene	ND	0.0020	"							
1,3-Dichlorobenzene	ND	0.0020	"							
1,4-Dichlorobenzene	ND	0.0020	"							
Dichlorodifluoromethane	ND	0.0050	"							
1,1-Dichloroethane	ND	0.0020	"							
1,2-Dichloroethane	ND	0.0020	"							
1,2-Dichloroethane	ND	0.0020	"							
1,1-Dichloroethene	ND	0.0050	"							
cis-1,2-Dichloroethene	ND	0.0020	"							
trans-1,2-Dichloroethene	ND	0.0020	"							
1,2-Dichloropropane	ND	0.0020	"							
cis-1,3-Dichloropropene	ND	0.0020	"							
trans-1,3-Dichloropropene	ND	0.0020	"							
Methylene chloride	ND	0.020	"							
1,1,1,2-Tetrachloroethane	ND	0.0050	"							
1,1,2,2-Tetrachloroethane	ND	0.0020	"							
Tetrachloroethene	ND	0.0020	"							
1,1,1-Trichloroethane	ND	0.0020	"							
1,1,2-Trichloroethane	ND	0.0020	"							
Trichloroethene	ND	0.0020	"							
Trichlorofluoromethane	ND	0.0050	"							
Vinyl chloride	ND	0.0050	"							
Surrogate: Dibromofluoromethane	0.0504		"	0.0500		101	80-125			
Surrogate: Dibromofluoromethane	0.0504		"	0.0500		101	80-125			
Surrogate: Toluene-d8	0.0525		"	0.0500		105	80-120			

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B16027 - EPA 5030B GCMS / EPA 8260B**

**Blank (7B16027-BLK1)**

Prepared & Analyzed: 02/16/07

Surrogate: Toluene-d8	0.0525		mg/kg	0.0500		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.0524		"	0.0500		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.0524		"	0.0500		105	80-120			

**Laboratory Control Sample (7B16027-BS1)**

Prepared & Analyzed: 02/16/07

Bromodichloromethane	0.0496	0.0020	mg/kg	0.0500		99	70-135			
Bromoform	0.0561	0.0050	"	0.0500		112	55-135			
Bromomethane	0.0458	0.0050	"	0.0500		92	60-145			
Carbon tetrachloride	0.0446	0.0050	"	0.0500		89	65-140			
Chlorobenzene	0.0492	0.0020	"	0.0500		98	75-120			
Chloroethane	0.0413	0.0050	"	0.0500		83	60-140			
Chloroform	0.0446	0.0020	"	0.0500		89	70-130			
Chloromethane	0.0413	0.0050	"	0.0500		83	45-145			
Dibromochloromethane	0.0534	0.0020	"	0.0500		107	65-140			
1,2-Dibromoethane (EDB)	0.0495	0.0020	"	0.0500		99	70-130			
1,2-Dichlorobenzene	0.0507	0.0020	"	0.0500		101	75-120			
1,3-Dichlorobenzene	0.0494	0.0020	"	0.0500		99	75-125			
1,4-Dichlorobenzene	0.0499	0.0020	"	0.0500		100	75-120			
Dichlorodifluoromethane	0.0478	0.0050	"	0.0500		96	35-160			
1,1-Dichloroethane	0.0418	0.0020	"	0.0500		84	70-130			
1,2-Dichloroethane	0.0486	0.0020	"	0.0500		97	60-140			
1,2-Dichloroethane	0.0486	0.0020	"	0.0500		97	60-140			
1,1-Dichloroethene	0.0383	0.0050	"	0.0500		77	70-125			
cis-1,2-Dichloroethene	0.0465	0.0020	"	0.0500		93	70-125			
trans-1,2-Dichloroethene	0.0442	0.0020	"	0.0500		88	70-125			
1,2-Dichloropropane	0.0488	0.0020	"	0.0500		98	70-130			
cis-1,3-Dichloropropene	0.0476	0.0020	"	0.0500		95	75-125			
trans-1,3-Dichloropropene	0.0488	0.0020	"	0.0500		98	70-135			
Methylene chloride	0.0410	0.020	"	0.0500		82	55-135			
1,1,1,2-Tetrachloroethane	0.0507	0.0050	"	0.0500		101	70-130			
1,1,2,2-Tetrachloroethane	0.0450	0.0020	"	0.0500		90	55-140			
Tetrachloroethene	0.0496	0.0020	"	0.0500		99	70-125			
1,1,1-Trichloroethane	0.0417	0.0020	"	0.0500		83	65-135			
1,1,2-Trichloroethane	0.0521	0.0020	"	0.0500		104	65-135			
Trichloroethene	0.0504	0.0020	"	0.0500		101	70-125			
Trichlorofluoromethane	0.0424	0.0050	"	0.0500		85	60-145			

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
 5900 Hollis St., Ste. A  
 Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
 Project Number: SAP# 135783  
 Project Manager: Aubrey Cool

SQB0320  
 Reported:  
 03/05/07 09:54

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B) - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 7B16027 - EPA 5030B GCMS / EPA 8260B

#### Laboratory Control Sample (7B16027-BS1)

Prepared & Analyzed: 02/16/07

Vinyl chloride	0.0433	0.0050	mg/kg	0.0500		87	55-135			
Surrogate: Dibromofluoromethane	0.0509		"	0.0500		102	80-125			
Surrogate: Dibromofluoromethane	0.0509		"	0.0500		102	80-125			
Surrogate: Toluene-d8	0.0531		"	0.0500		106	80-120			
Surrogate: Toluene-d8	0.0531		"	0.0500		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.0529		"	0.0500		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.0529		"	0.0500		106	80-120			

#### Matrix Spike (7B16027-MS1)

Source: IQB1237-01

Prepared: 02/16/07 Analyzed: 02/17/07

Bromodichloromethane	0.0468	0.0020	mg/kg	0.0500	ND	94	65-145			
Bromoform	0.0488	0.0050	"	0.0500	ND	98	50-145			
Bromomethane	0.0432	0.0050	"	0.0500	ND	86	60-155			
Carbon tetrachloride	0.0413	0.0050	"	0.0500	ND	83	60-145			
Chlorobenzene	0.0483	0.0020	"	0.0500	ND	97	70-130			
Chloroethane	0.0391	0.0050	"	0.0500	ND	78	60-150			
Chloroform	0.0445	0.0020	"	0.0500	ND	89	65-135			
Chloromethane	0.0405	0.0050	"	0.0500	ND	81	40-145			
Dibromochloromethane	0.0499	0.0020	"	0.0500	ND	100	60-145			
1,2-Dibromoethane (EDB)	0.0468	0.0020	"	0.0500	ND	94	65-140			
1,2-Dichlorobenzene	0.0474	0.0020	"	0.0500	ND	95	70-130			
1,3-Dichlorobenzene	0.0471	0.0020	"	0.0500	ND	94	70-130			
1,4-Dichlorobenzene	0.0477	0.0020	"	0.0500	ND	95	70-130			
Dichlorodifluoromethane	0.0463	0.0050	"	0.0500	ND	93	30-160			
1,1-Dichloroethane	0.0421	0.0020	"	0.0500	ND	84	65-135			
1,2-Dichloroethane	0.0461	0.0020	"	0.0500	ND	92	60-150			
1,2-Dichloroethane	0.0461	0.0020	"	0.0500	ND	92	60-150			
1,1-Dichloroethene	0.0384	0.0050	"	0.0500	ND	77	65-135			
cis-1,2-Dichloroethene	0.0457	0.0020	"	0.0500	ND	91	65-135			
trans-1,2-Dichloroethene	0.0442	0.0020	"	0.0500	ND	88	70-135			
1,2-Dichloropropane	0.0479	0.0020	"	0.0500	ND	96	65-130			
cis-1,3-Dichloropropene	0.0431	0.0020	"	0.0500	ND	86	70-135			
trans-1,3-Dichloropropene	0.0432	0.0020	"	0.0500	ND	86	60-145			
Methylene chloride	0.0423	0.020	"	0.0500	ND	85	55-145			
1,1,1,2-Tetrachloroethane	0.0487	0.0050	"	0.0500	ND	97	65-145			
1,1,2,2-Tetrachloroethane	0.0459	0.0020	"	0.0500	ND	92	40-160			
Tetrachloroethene	0.0475	0.0020	"	0.0500	ND	95	65-135			

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B16027 - EPA 5030B GCMS / EPA 8260B**

Matrix Spike (7B16027-MS1)	Source: IQB1237-01	Prepared: 02/16/07	Analyzed: 02/17/07						
1,1,1-Trichloroethane	0.0414	0.0020	mg/kg	0.0500	ND	83	65-145		
1,1,2-Trichloroethane	0.0488	0.0020	"	0.0500	ND	98	65-140		
Trichloroethene	0.0487	0.0020	"	0.0500	ND	97	65-140		
Trichlorofluoromethane	0.0405	0.0050	"	0.0500	ND	81	55-155		
Vinyl chloride	0.0465	0.0050	"	0.0500	ND	93	55-140		
Surrogate: Dibromofluoromethane	0.0512		"	0.0500		102	80-125		
Surrogate: Dibromofluoromethane	0.0512		"	0.0500		102	80-125		
Surrogate: Toluene-d8	0.0530		"	0.0500		106	80-120		
Surrogate: Toluene-d8	0.0530		"	0.0500		106	80-120		
Surrogate: 4-Bromofluorobenzene	0.0511		"	0.0500		102	80-120		
Surrogate: 4-Bromofluorobenzene	0.0511		"	0.0500		102	80-120		
Matrix Spike Dup (7B16027-MSD1)	Source: IQB1237-01	Prepared: 02/16/07	Analyzed: 02/17/07						
Bromodichloromethane	0.0467	0.0020	mg/kg	0.0500	ND	93	65-145	0.2	20
Bromoform	0.0482	0.0050	"	0.0500	ND	96	50-145	1	30
Bromomethane	0.0438	0.0050	"	0.0500	ND	88	60-155	1	25
Carbon tetrachloride	0.0399	0.0050	"	0.0500	ND	80	60-145	3	25
Chlorobenzene	0.0460	0.0020	"	0.0500	ND	92	70-130	5	25
Chloroethane	0.0417	0.0050	"	0.0500	ND	83	60-150	6	25
Chloroform	0.0456	0.0020	"	0.0500	ND	91	65-135	2	20
Chloromethane	0.0410	0.0050	"	0.0500	ND	82	40-145	1	25
Dibromochloromethane	0.0495	0.0020	"	0.0500	ND	99	60-145	0.8	25
1,2-Dibromoethane (EDB)	0.0473	0.0020	"	0.0500	ND	95	65-140	1	25
1,2-Dichlorobenzene	0.0435	0.0020	"	0.0500	ND	87	70-130	9	25
1,3-Dichlorobenzene	0.0414	0.0020	"	0.0500	ND	83	70-130	13	25
1,4-Dichlorobenzene	0.0420	0.0020	"	0.0500	ND	84	70-130	13	25
Dichlorodifluoromethane	0.0405	0.0050	"	0.0500	ND	81	30-160	13	35
1,1-Dichloroethane	0.0438	0.0020	"	0.0500	ND	88	65-135	4	25
1,2-Dichloroethane	0.0464	0.0020	"	0.0500	ND	93	60-150	0.6	25
1,2-Dichloroethane	0.0464	0.0020	"	0.0500	ND	93	60-150	0.6	25
1,1-Dichloroethene	0.0379	0.0050	"	0.0500	ND	76	65-135	1	25
cis-1,2-Dichloroethene	0.0468	0.0020	"	0.0500	ND	94	65-135	2	25
trans-1,2-Dichloroethene	0.0428	0.0020	"	0.0500	ND	86	70-135	3	25
1,2-Dichloropropane	0.0486	0.0020	"	0.0500	ND	97	65-130	1	20
cis-1,3-Dichloropropene	0.0420	0.0020	"	0.0500	ND	84	70-135	3	25
trans-1,3-Dichloropropene	0.0414	0.0020	"	0.0500	ND	83	60-145	4	25

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B16027 - EPA 5030B GCMS / EPA 8260B**

Matrix Spike Dup (7B16027-MSD1)	Source: IQB1237-01	Prepared: 02/16/07	Analyzed: 02/17/07						
Methylene chloride	0.0437	0.020	mg/kg	0.0500	ND	87	55-145	3	25
1,1,1,2-Tetrachloroethane	0.0490	0.0050	"	0.0500	ND	98	65-145	0.6	20
1,1,2,2-Tetrachloroethane	0.0453	0.0020	"	0.0500	ND	91	40-160	1	30
Tetrachloroethene	0.0407	0.0020	"	0.0500	ND	81	65-135	15	25
1,1,1-Trichloroethane	0.0434	0.0020	"	0.0500	ND	87	65-145	5	20
1,1,2-Trichloroethane	0.0478	0.0020	"	0.0500	ND	96	65-140	2	30
Trichloroethene	0.0457	0.0020	"	0.0500	ND	91	65-140	6	25
Trichlorofluoromethane	0.0388	0.0050	"	0.0500	ND	78	55-155	4	25
Vinyl chloride	0.0441	0.0050	"	0.0500	ND	88	55-140	5	30
Surrogate: Dibromofluoromethane	0.0517		"	0.0500		103	80-125		
Surrogate: Dibromofluoromethane	0.0517		"	0.0500		103	80-125		
Surrogate: Toluene-d8	0.0528		"	0.0500		106	80-120		
Surrogate: Toluene-d8	0.0528		"	0.0500		106	80-120		
Surrogate: 4-Bromofluorobenzene	0.0501		"	0.0500		100	80-120		
Surrogate: 4-Bromofluorobenzene	0.0501		"	0.0500		100	80-120		

Cambria Env - 5900 Hollis, Emeryville (Shell) 5900 Hollis St., Ste. A Emeryville CA, 94608	Project: 1801 Santa Rita Rd., Pleasanton Project Number: SAP# 135783 Project Manager: Aubrey Cool	SQB0320 Reported: 03/05/07 09:54
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**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B16027 - EPA 5030B GCMS / EPA 8260B**

**Blank (7B16027-BLK1)**

Prepared & Analyzed: 02/16/07

Benzene	ND	0.0010	mg/kg							
Ethylbenzene	ND	0.0010	"							
Toluene	ND	0.0010	"							
m,p-Xylenes	ND	0.0020	"							
o-Xylene	ND	0.0010	"							
Xylenes, Total	ND	0.0020	"							
Methyl-tert-butyl Ether (MTBE)	ND	0.0020	"							
Di-isopropyl Ether (DIPE)	ND	0.0020	"							
Ethyl tert-Butyl Ether (ETBE)	ND	0.0020	"							
tert-Amyl Methyl Ether (TAME)	ND	0.0020	"							
tert-Butanol (TBA)	ND	0.020	"							
<i>Surrogate: Dibromofluoromethane</i>	<i>0.0504</i>		"	<i>0.0500</i>		<i>101</i>	<i>80-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0525</i>		"	<i>0.0500</i>		<i>105</i>	<i>80-120</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0524</i>		"	<i>0.0500</i>		<i>105</i>	<i>80-120</i>			

**Laboratory Control Sample (7B16027-BS1)**

Prepared & Analyzed: 02/16/07

Benzene	0.0480	0.0010	mg/kg	0.0500		96	65-120			
Ethylbenzene	0.0477	0.0010	"	0.0500		95	70-125			
Toluene	0.0487	0.0010	"	0.0500		97	70-125			
m,p-Xylenes	0.0982	0.0020	"	0.100		98	70-125			
o-Xylene	0.0500	0.0010	"	0.0500		100	70-125			
Xylenes, Total	0.148	0.0020	"	0.150		99	70-125			
Methyl-tert-butyl Ether (MTBE)	0.0492	0.0020	"	0.0500		98	60-140			
Di-isopropyl Ether (DIPE)	0.0445	0.0020	"	0.0500		89	60-140			
Ethyl tert-Butyl Ether (ETBE)	0.0489	0.0020	"	0.0500		98	60-140			
tert-Amyl Methyl Ether (TAME)	0.0514	0.0020	"	0.0500		103	60-145			
tert-Butanol (TBA)	0.231	0.020	"	0.250		92	70-135			
<i>Surrogate: Dibromofluoromethane</i>	<i>0.0509</i>		"	<i>0.0500</i>		<i>102</i>	<i>80-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0531</i>		"	<i>0.0500</i>		<i>106</i>	<i>80-120</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0529</i>		"	<i>0.0500</i>		<i>106</i>	<i>80-120</i>			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B16027 - EPA 5030B GCMS / EPA 8260B**

Matrix Spike (7B16027-MS1)	Source: IQB1237-01			Prepared: 02/16/07		Analyzed: 02/17/07	
Benzene	0.0474	0.0010	mg/kg	0.0500	ND	95	65-130
Ethylbenzene	0.0471	0.0010	"	0.0500	ND	94	70-135
Toluene	0.0474	0.0010	"	0.0500	ND	95	70-130
m,p-Xylenes	0.0971	0.0020	"	0.100	ND	97	70-130
o-Xylene	0.0483	0.0010	"	0.0500	ND	97	65-130
Xylenes, Total	0.145	0.0020	"	0.150	ND	97	70-125
Methyl-tert-butyl Ether (MTBE)	0.0477	0.0020	"	0.0500	ND	95	55-155
Di-isopropyl Ether (DIPE)	0.0452	0.0020	"	0.0500	ND	90	60-150
Ethyl tert-Butyl Ether (ETBE)	0.0484	0.0020	"	0.0500	ND	97	60-145
tert-Amyl Methyl Ether (TAME)	0.0500	0.0020	"	0.0500	ND	100	60-150
tert-Butanol (TBA)	0.225	0.020	"	0.250	ND	90	65-145
Surrogate: Dibromofluoromethane	0.0512		"	0.0500		102	80-125
Surrogate: Toluene-d8	0.0530		"	0.0500		106	80-120
Surrogate: 4-Bromofluorobenzene	0.0511		"	0.0500		102	80-120

Matrix Spike Dup (7B16027-MSD1)	Source: IQB1237-01			Prepared: 02/16/07		Analyzed: 02/17/07			
Benzene	0.0477	0.0010	mg/kg	0.0500	ND	95	65-130	0.6	20
Ethylbenzene	0.0447	0.0010	"	0.0500	ND	89	70-135	5	25
Toluene	0.0465	0.0010	"	0.0500	ND	93	70-130	2	20
m,p-Xylenes	0.0887	0.0020	"	0.100	ND	89	70-130	9	25
o-Xylene	0.0465	0.0010	"	0.0500	ND	93	65-130	4	25
Xylenes, Total	0.135	0.0020	"	0.150	ND	90	70-125	7	25
Methyl-tert-butyl Ether (MTBE)	0.0474	0.0020	"	0.0500	ND	95	55-155	0.6	35
Di-isopropyl Ether (DIPE)	0.0465	0.0020	"	0.0500	ND	93	60-150	3	25
Ethyl tert-Butyl Ether (ETBE)	0.0489	0.0020	"	0.0500	ND	98	60-145	1	30
tert-Amyl Methyl Ether (TAME)	0.0503	0.0020	"	0.0500	ND	101	60-150	0.6	25
tert-Butanol (TBA)	0.230	0.020	"	0.250	ND	92	65-145	2	30
Surrogate: Dibromofluoromethane	0.0517		"	0.0500		103	80-125		
Surrogate: Toluene-d8	0.0528		"	0.0500		106	80-120		
Surrogate: 4-Bromofluorobenzene	0.0501		"	0.0500		100	80-120		

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**Batch 7B20056 - EPA 3545 / EPA 8270C**

**Blank (7B20056-BLK1)**

Prepared & Analyzed: 02/20/07

1,2,4-Trichlorobenzene	ND	0.33	mg/kg							
1,2-Dichlorobenzene	ND	0.33	"							
1,2-Diphenylhydrazine/Azobenzene	ND	0.33	"							
1,3-Dichlorobenzene	ND	0.33	"							
1,4-Dichlorobenzene	ND	0.33	"							
2,4,5-Trichlorophenol	ND	0.33	"							
2,4,6-Trichlorophenol	ND	0.33	"							
2,4-Dichlorophenol	ND	0.33	"							
2,4-Dimethylphenol	ND	0.33	"							
2,4-Dinitrophenol	ND	0.66	"							
2,4-Dinitrotoluene	ND	0.33	"							
2,6-Dinitrotoluene	ND	0.33	"							
2-Chloronaphthalene	ND	0.33	"							
2-Chlorophenol	ND	0.33	"							
2-Methylnaphthalene	ND	0.33	"							
2-Methylphenol	ND	0.33	"							
2-Nitroaniline	ND	0.33	"							
2-Nitrophenol	ND	0.33	"							
3,3-Dichlorobenzidine	ND	0.83	"							
3-Nitroaniline	ND	0.33	"							
4,6-Dinitro-2-methylphenol	ND	0.42	"							
4-Bromophenyl phenyl ether	ND	0.33	"							
4-Chloro-3-methylphenol	ND	0.33	"							
4-Chloroaniline	ND	0.33	"							
4-Chlorophenyl phenyl ether	ND	0.33	"							
4-Methylphenol	ND	0.33	"							
4-Nitroaniline	ND	0.83	"							
4-Nitrophenol	ND	0.83	"							
Acenaphthene	ND	0.33	"							
Acenaphthylene	ND	0.33	"							
Aniline	ND	0.42	"							
Anthracene	ND	0.33	"							
Benzidine	ND	0.66	"							
Benzo(a)anthracene	ND	0.33	"							
Benzo(a)pyrene	ND	0.33	"							
Benzo(b)fluoranthene	ND	0.33	"							

TestAmerica - Sacramento, CA

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5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20056 - EPA 3545 / EPA 8270C**

**Blank (7B20056-BLK1)**

Prepared & Analyzed: 02/20/07

Benzo(g,h,i)perylene	ND	0.33	mg/kg							
Benzo(k)fluoranthene	ND	0.33	"							
Benzoic acid	ND	0.83	"							
Benzyl alcohol	ND	0.33	"							
Bis(2-chloroethoxy)methane	ND	0.33	"							
Bis(2-chloroethyl)ether	ND	0.17	"							
Bis(2-chloroisopropyl)ether	ND	0.33	"							
Bis(2-ethylhexyl)phthalate	ND	0.33	"							
Butyl benzyl phthalate	ND	0.33	"							
Carbazole	ND	0.33	"							
Chrysene	ND	0.33	"							
Dibenz(a,h)anthracene	ND	0.42	"							
Dibenzofuran	ND	0.33	"							
Diethyl phthalate	ND	0.33	"							
Dimethyl phthalate	ND	0.33	"							
Di-n-butyl phthalate	ND	0.33	"							
Di-n-octyl phthalate	ND	0.33	"							
Fluoranthene	ND	0.33	"							
Fluorene	ND	0.33	"							
Hexachlorobenzene	ND	0.33	"							
Hexachlorobutadiene	ND	0.33	"							
Hexachlorocyclopentadiene	ND	0.83	"							
Hexachloroethane	ND	0.33	"							
Indeno(1,2,3-cd)pyrene	ND	0.33	"							
Isophorone	ND	0.33	"							
Naphthalene	ND	0.33	"							
Nitrobenzene	ND	0.33	"							
N-Nitrosodimethylamine	ND	0.33	"							
N-Nitroso-di-n-propylamine	ND	0.25	"							
N-Nitrosodiphenylamine	ND	0.33	"							
Pentachlorophenol	ND	0.83	"							
Phenanthrene	ND	0.33	"							
Phenol	ND	0.33	"							
Pyrene	ND	0.33	"							
Pyridine	ND	0.20	"							

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5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20056 - EPA 3545 / EPA 8270C**

**Blank (7B20056-BLK1)**

Prepared & Analyzed: 02/20/07

Surrogate: 2,4,6-Tribromophenol	3.31		mg/kg	6.67		50	35-125			
Surrogate: 2-Fluorobiphenyl	1.86		"	3.33		56	35-120			
Surrogate: 2-Fluorophenol	3.37		"	6.67		51	25-120			
Surrogate: Nitrobenzene-d5	1.66		"	3.33		50	30-120			
Surrogate: Phenol-d6	3.47		"	6.67		52	35-120			
Surrogate: Terphenyl-d14	1.61		"	3.33		48	40-135			

**Laboratory Control Sample (7B20056-BS1)**

Prepared & Analyzed: 02/20/07

1,2,4-Trichlorobenzene	2.42	0.33	mg/kg	3.33		73	40-120			
1,2-Dichlorobenzene	2.33	0.33	"	3.33		70	40-120			
1,2-Diphenylhydrazine/Azobenzene	2.72	0.33	"	3.33		82	60-120			
1,3-Dichlorobenzene	2.38	0.33	"	3.33		71	35-120			
1,4-Dichlorobenzene	2.27	0.33	"	3.33		68	35-120			
2,4,5-Trichlorophenol	2.62	0.33	"	3.33		79	55-120			
2,4,6-Trichlorophenol	2.98	0.33	"	3.33		89	50-120			
2,4-Dichlorophenol	2.71	0.33	"	3.33		81	50-120			
2,4-Dimethylphenol	2.58	0.33	"	3.33		77	40-120			
2,4-Dinitrophenol	2.06	0.66	"	3.33		62	25-120			
2,4-Dinitrotoluene	2.99	0.33	"	3.33		90	60-120			
2,6-Dinitrotoluene	2.93	0.33	"	3.33		88	60-120			
2-Chloronaphthalene	2.86	0.33	"	3.33		86	50-120			
2-Chlorophenol	2.56	0.33	"	3.33		77	45-120			
2-Methylnaphthalene	2.67	0.33	"	3.33		80	50-120			
2-Methylphenol	2.55	0.33	"	3.33		77	45-120			
2-Nitroaniline	3.05	0.33	"	3.33		92	55-120			
2-Nitrophenol	2.49	0.33	"	3.33		75	50-120			
3,3-Dichlorobenzidine	1.74	0.83	"	3.33		52	20-135			
3-Nitroaniline	1.76	0.33	"	3.33		53	35-120			
4,6-Dinitro-2-methylphenol	3.12	0.42	"	3.33		94	45-120			
4-Bromophenyl phenyl ether	3.07	0.33	"	3.33		92	50-120			
4-Chloro-3-methylphenol	2.88	0.33	"	3.33		86	55-120			
4-Chloroaniline	1.24	0.33	"	3.33		37	20-120			
4-Chlorophenyl phenyl ether	3.09	0.33	"	3.33		93	60-120			
4-Methylphenol	2.66	0.33	"	3.33		80	50-120			
4-Nitroaniline	3.23	0.83	"	3.33		97	50-120			
4-Nitrophenol	3.16	0.83	"	3.33		95	45-120			

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
 5900 Hollis St., Ste. A  
 Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
 Project Number: SAP# 135783  
 Project Manager: Aubrey Cool

SQB0320  
 Reported:  
 03/05/07 09:54

## SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 7B20056 - EPA 3545 / EPA 8270C

#### Laboratory Control Sample (7B20056-BS1)

Prepared & Analyzed: 02/20/07

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	2.88	0.33	mg/kg	3.33		86	55-120			
Acenaphthylene	3.22	0.33	"	3.33		97	55-120			
Aniline	1.62	0.42	"	3.33		49	25-120			
Anthracene	3.27	0.33	"	3.33		98	60-120			
Benzidine	2.46	0.66	"	3.33		74	10-160			
Benzo(a)anthracene	3.15	0.33	"	3.33		95	60-120			
Benzo(a)pyrene	4.23	0.33	"	3.33		127	60-120			L
Benzo(b)fluoranthene	4.24	0.33	"	3.33		127	55-125			L
Benzo(g,h,i)perylene	4.19	0.33	"	3.33		126	40-130			
Benzo(k)fluoranthene	4.13	0.33	"	3.33		124	50-125			
Benzoic acid	1.17	0.83	"	3.33		35	25-120			
Benzyl alcohol	2.73	0.33	"	3.33		82	35-120			
Bis(2-chloroethoxy)methane	2.85	0.33	"	3.33		86	50-120			
Bis(2-chloroethyl)ether	2.48	0.17	"	3.33		74	40-120			
Bis(2-chloroisopropyl)ether	2.49	0.33	"	3.33		75	40-120			
Bis(2-ethylhexyl)phthalate	2.77	0.33	"	3.33		83	55-125			
Butyl benzyl phthalate	2.78	0.33	"	3.33		83	50-120			
Carbazole	3.75	0.33	"	3.33		113	55-125			
Chrysene	3.22	0.33	"	3.33		97	55-120			
Dibenz(a,h)anthracene	4.35	0.42	"	3.33		131	45-135			
Dibenzofuran	2.89	0.33	"	3.33		87	60-120			
Diethyl phthalate	3.10	0.33	"	3.33		93	55-120			
Dimethyl phthalate	2.92	0.33	"	3.33		88	55-120			
Di-n-butyl phthalate	3.03	0.33	"	3.33		91	55-120			
Di-n-octyl phthalate	2.93	0.33	"	3.33		88	50-130			
Fluoranthene	3.36	0.33	"	3.33		101	60-120			
Fluorene	2.90	0.33	"	3.33		87	60-120			
Hexachlorobenzene	3.04	0.33	"	3.33		91	55-120			
Hexachlorobutadiene	2.50	0.33	"	3.33		75	40-120			
Hexachlorocyclopentadiene	2.93	0.83	"	3.33		88	30-120			
Hexachloroethane	2.36	0.33	"	3.33		71	40-120			
Indeno(1,2,3-cd)pyrene	4.12	0.33	"	3.33		124	35-135			
Isophorone	2.37	0.33	"	3.33		71	45-120			
Naphthalene	2.69	0.33	"	3.33		81	50-120			
Nitrobenzene	2.45	0.33	"	3.33		74	45-120			
N-Nitrosodimethylamine	1.95	0.33	"	3.33		59	25-120			

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd, Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20056 - EPA 3545 / EPA 8270C**

**Laboratory Control Sample (7B20056-BS1)**

Prepared & Analyzed: 02/20/07

N-Nitroso-di-n-propylamine	2.65	0.25	mg/kg	3.33		80	45-120			
N-Nitrosodiphenylamine	3.05	0.33	"	3.33		92	50-120			
Pentachlorophenol	3.12	0.83	"	3.33		94	45-125			
Phenanthrene	3.42	0.33	"	3.33		103	55-120			
Phenol	2.59	0.33	"	3.33		78	40-120			
Pyrene	2.99	0.33	"	3.33		90	45-125			
Pyridine	1.65	0.20	"	3.33		50	25-130			
<i>Surrogate: 2,4,6-Tribromophenol</i>	6.24		"	6.67		94	35-125			
<i>Surrogate: 2-Fluorobiphenyl</i>	3.00		"	3.33		90	35-120			
<i>Surrogate: 2-Fluorophenol</i>	5.08		"	6.67		76	25-120			
<i>Surrogate: Nitrobenzene-d5</i>	2.59		"	3.33		78	30-120			
<i>Surrogate: Phenol-d6</i>	5.52		"	6.67		83	35-120			
<i>Surrogate: Terphenyl-d14</i>	2.38		"	3.33		71	40-135			

**Matrix Spike (7B20056-MS1)**

Source: IQB1731-04

Prepared & Analyzed: 02/20/07

1,2,4-Trichlorobenzene	2.16	0.33	mg/kg	3.33	ND	65	40-120			
1,2-Dichlorobenzene	2.14	0.33	"	3.33	ND	64	40-120			
1,2-Diphenylhydrazine/Azobenzene	2.69	0.33	"	3.33	ND	81	55-125			
1,3-Dichlorobenzene	2.09	0.33	"	3.33	ND	63	35-120			
1,4-Dichlorobenzene	2.07	0.33	"	3.33	ND	62	35-120			
2,4,5-Trichlorophenol	2.96	0.33	"	3.33	ND	89	50-120			
2,4,6-Trichlorophenol	2.76	0.33	"	3.33	ND	83	50-120			
2,4-Dichlorophenol	2.56	0.33	"	3.33	ND	77	50-120			
2,4-Dimethylphenol	1.53	0.33	"	3.33	ND	46	35-120			
2,4-Dinitrophenol	1.48	0.66	"	3.33	ND	44	35-120			
2,4-Dinitrotoluene	3.00	0.33	"	3.33	ND	90	50-120			
2,6-Dinitrotoluene	2.85	0.33	"	3.33	ND	86	55-120			
2-Chloronaphthalene	2.77	0.33	"	3.33	ND	83	45-120			
2-Chlorophenol	2.32	0.33	"	3.33	ND	70	40-120			
2-Methylnaphthalene	2.60	0.33	"	3.33	ND	78	45-120			
2-Methylphenol	2.04	0.33	"	3.33	ND	61	50-120			
2-Nitroaniline	2.81	0.33	"	3.33	ND	84	50-120			
2-Nitrophenol	2.39	0.33	"	3.33	ND	72	45-120			
3,3-Dichlorobenzidine	2.44	0.83	"	3.33	ND	73	15-120			
3-Nitroaniline	2.25	0.33	"	3.33	ND	68	30-120			
4,6-Dinitro-2-methylphenol	2.51	0.42	"	3.33	ND	75	40-120			

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
 5900 Hollis St., Ste. A  
 Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
 Project Number: SAP# 135783  
 Project Manager: Aubrey Cool

SQB0320  
 Reported:  
 03/05/07 09:54

## SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 7B20056 - EPA 3545 / EPA 8270C

Matrix Spike (7B20056-MS1)	Source: IQB1731-04			Prepared & Analyzed: 02/20/07						
4-Bromophenyl phenyl ether	2.94	0.33	mg/kg	3.33	ND	88	45-120			
4-Chloro-3-methylphenol	2.81	0.33	"	3.33	ND	84	55-120			
4-Chloroaniline	1.44	0.33	"	3.33	ND	43	10-120			
4-Chlorophenyl phenyl ether	2.97	0.33	"	3.33	ND	89	50-120			
4-Methylphenol	2.18	0.33	"	3.33	ND	65	50-120			
4-Nitroaniline	3.20	0.83	"	3.33	ND	96	40-120			
4-Nitrophenol	3.06	0.83	"	3.33	ND	92	40-120			
Acenaphthene	2.83	0.33	"	3.33	ND	85	45-120			
Acenaphthylene	3.11	0.33	"	3.33	ND	93	60-120			
Aniline	1.22	0.42	"	3.33	ND	37	40-110			M2
Anthracene	3.12	0.33	"	3.33	ND	94	60-120			
Benzidine	ND	0.66	"	3.33	ND		25-120			M2
Benzo(a)anthracene	3.14	0.33	"	3.33	ND	94	50-120			
Benzo(a)pyrene	4.13	0.33	"	3.33	ND	124	55-120			M7
Benzo(b)fluoranthene	3.98	0.33	"	3.33	ND	120	55-125			
Benzo(g,h,i)perylene	4.29	0.33	"	3.33	ND	129	30-120			M1
Benzo(k)fluoranthene	3.96	0.33	"	3.33	ND	119	55-120			
Benzoic acid	1.06	0.83	"	3.33	ND	32	25-120			
Benzyl alcohol	2.44	0.33	"	3.33	ND	73	40-120			
Bis(2-chloroethoxy)methane	2.80	0.33	"	3.33	ND	84	50-120			
Bis(2-chloroethyl)ether	2.16	0.17	"	3.33	ND	65	35-110			
Bis(2-chloroisopropyl)ether	2.32	0.33	"	3.33	ND	70	40-120			
Bis(2-ethylhexyl)phthalate	3.26	0.33	"	3.33	ND	98	50-125			
Butyl benzyl phthalate	3.09	0.33	"	3.33	ND	93	50-120			
Carbazole	3.23	0.33	"	3.33	ND	97	55-125			
Chrysene	3.17	0.33	"	3.33	ND	95	55-120			
Dibenz(a,h)anthracene	4.34	0.42	"	3.33	ND	130	25-135			
Dibenzofuran	2.89	0.33	"	3.33	ND	87	55-120			
Diethyl phthalate	3.06	0.33	"	3.33	ND	92	50-120			
Dimethyl phthalate	2.89	0.33	"	3.33	ND	87	25-120			
Di-n-butyl phthalate	3.45	0.33	"	3.33	ND	104	50-120			
Di-n-octyl phthalate	3.30	0.33	"	3.33	ND	99	55-120			
Fluoranthene	3.29	0.33	"	3.33	ND	99	45-120			
Fluorene	2.93	0.33	"	3.33	ND	88	50-120			
Hexachlorobenzene	2.98	0.33	"	3.33	ND	89	50-120			
Hexachlorobutadiene	2.25	0.33	"	3.33	ND	68	40-110			

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville, CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20056 - EPA 3545 / EPA 8270C**

<b>Matrix Spike (7B20056-MS1)</b>	<b>Source: IQB1731-04</b>			<b>Prepared &amp; Analyzed: 02/20/07</b>						
Hexachlorocyclopentadiene	2.47	0.83	mg/kg	3.33	ND	74	20-120			
Hexachloroethane	2.14	0.33	"	3.33	ND	64	35-120			
Indeno(1,2,3-cd)pyrene	4.08	0.33	"	3.33	ND	123	20-135			
Isophorone	2.21	0.33	"	3.33	ND	66	40-120			
Naphthalene	2.55	0.33	"	3.33	ND	77	40-120			
Nitrobenzene	2.19	0.33	"	3.33	ND	66	40-120			
N-Nitrosodimethylamine	2.05	0.33	"	3.33	ND	62	25-125			
N-Nitroso-di-n-propylamine	2.32	0.25	"	3.33	ND	70	35-120			
N-Nitrosodiphenylamine	2.77	0.33	"	3.33	ND	83	50-120			
Pentachlorophenol	3.14	0.83	"	3.33	ND	94	30-125			
Phenanthrene	3.02	0.33	"	3.33	ND	91	50-120			
Phenol	2.14	0.33	"	3.33	ND	64	45-120			
Pyrene	3.10	0.33	"	3.33	ND	93	45-120			
Pyridine	1.57	0.20	"	3.33	ND	47	25-130			
<i>Surrogate: 2,4,6-Tribromophenol</i>	5.86		"	6.66		88	35-125			
<i>Surrogate: 2-Fluorobiphenyl</i>	2.74		"	3.33		82	35-120			
<i>Surrogate: 2-Fluorophenol</i>	4.14		"	6.66		62	25-120			
<i>Surrogate: Nitrobenzene-d5</i>	2.29		"	3.33		69	30-120			
<i>Surrogate: Phenol-d6</i>	4.44		"	6.66		67	35-120			
<i>Surrogate: Terphenyl-d14</i>	3.04		"	3.33		91	40-135			

<b>Matrix Spike Dup (7B20056-MSD1)</b>	<b>Source: IQB1731-04</b>			<b>Prepared &amp; Analyzed: 02/20/07</b>						
1,2,4-Trichlorobenzene	2.32	0.33	mg/kg	3.33	ND	70	40-120	7	25	
1,2-Dichlorobenzene	2.34	0.33	"	3.33	ND	70	40-120	9	25	
1,2-Diphenylhydrazine/Azobenzene	2.69	0.33	"	3.33	ND	81	55-125	0	25	
1,3-Dichlorobenzene	2.25	0.33	"	3.33	ND	68	35-120	7	25	
1,4-Dichlorobenzene	2.29	0.33	"	3.33	ND	69	35-120	10	25	
2,4,5-Trichlorophenol	2.91	0.33	"	3.33	ND	87	50-120	2	20	
2,4,6-Trichlorophenol	2.88	0.33	"	3.33	ND	86	50-120	4	25	
2,4-Dichlorophenol	2.70	0.33	"	3.33	ND	81	50-120	5	25	
2,4-Dimethylphenol	1.54	0.33	"	3.33	ND	46	35-120	0.7	25	
2,4-Dinitrophenol	1.37	0.66	"	3.33	ND	41	35-120	8	25	
2,4-Dinitrotoluene	2.95	0.33	"	3.33	ND	89	50-120	2	25	
2,6-Dinitrotoluene	2.90	0.33	"	3.33	ND	87	55-120	2	20	
2-Chloronaphthalene	2.81	0.33	"	3.33	ND	84	45-120	1	20	
2-Chlorophenol	2.47	0.33	"	3.33	ND	74	40-120	6	20	

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell) 5900 Hollis St., Ste. A Emeryville CA, 94608	Project: 1801 Santa Rita Rd., Pleasanton Project Number: SAP# 135783 Project Manager: Aubrey Cool	SQB0320 Reported: 03/05/07 09:54
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**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20056 - EPA 3545 / EPA 8270C**

Matrix Spike Dup (7B20056-MSD1)	Source: IQB1731-04	Prepared & Analyzed: 02/20/07								
2-Methylnaphthalene	2.68	0.33 mg/kg	3.33	ND	80	45-120	3	20		
2-Methylphenol	2.13	0.33	"	3.33	ND	64	50-120	4	25	
2-Nitroaniline	2.94	0.33	"	3.33	ND	88	50-120	5	25	
2-Nitrophenol	2.58	0.33	"	3.33	ND	77	45-120	8	25	
3,3-Dichlorobenzidine	2.64	0.83	"	3.33	ND	79	15-120	8	25	
3-Nitroaniline	2.47	0.33	"	3.33	ND	74	30-120	9	25	
4,6-Dinitro-2-methylphenol	2.40	0.42	"	3.33	ND	72	40-120	4	25	
4-Bromophenyl phenyl ether	2.94	0.33	"	3.33	ND	88	45-120	0	20	
4-Chloro-3-methylphenol	2.77	0.33	"	3.33	ND	83	55-120	1	25	
4-Chloroaniline	1.54	0.33	"	3.33	ND	46	10-120	7	30	
4-Chlorophenyl phenyl ether	2.90	0.33	"	3.33	ND	87	50-120	2	25	
4-Methylphenol	2.26	0.33	"	3.33	ND	68	50-120	4	25	
4-Nitroaniline	3.25	0.83	"	3.33	ND	98	40-120	2	30	
4-Nitrophenol	3.21	0.83	"	3.33	ND	96	40-120	5	30	
Acenaphthene	2.81	0.33	"	3.33	ND	84	45-120	0.7	25	
Acenaphthylene	3.13	0.33	"	3.33	ND	94	60-120	0.6	20	
Aniline	1.40	0.42	"	3.33	ND	42	40-110	14	30	
Anthracene	3.08	0.33	"	3.33	ND	92	60-120	1	25	
Benzidine	ND	0.66	"	3.33	ND		25-120		30	M2
Benzo(a)anthracene	3.10	0.33	"	3.33	ND	93	50-120	1	25	
Benzo(a)pyrene	4.12	0.33	"	3.33	ND	124	55-120	0.2	25	M7
Benzo(b)fluoranthene	3.87	0.33	"	3.33	ND	116	55-125	3	30	
Benzo(g,h,i)perylene	4.29	0.33	"	3.33	ND	129	30-120	0	30	M1
Benzo(k)fluoranthene	4.07	0.33	"	3.33	ND	122	55-120	3	30	M1
Benzoic acid	1.02	0.83	"	3.33	ND	31	25-120	4	30	
Benzyl alcohol	2.59	0.33	"	3.33	ND	78	40-120	6	30	
Bis(2-chloroethoxy)methane	2.88	0.33	"	3.33	ND	86	50-120	3	25	
Bis(2-chloroethyl)ether	2.33	0.17	"	3.33	ND	70	35-110	8	25	
Bis(2-chloroisopropyl)ether	2.45	0.33	"	3.33	ND	74	40-120	5	25	
Bis(2-ethylhexyl)phthalate	3.28	0.33	"	3.33	ND	98	50-125	0.6	25	
Butyl benzyl phthalate	3.14	0.33	"	3.33	ND	94	50-120	2	25	
Carbazole	3.31	0.33	"	3.33	ND	99	55-125	2	20	
Chrysene	3.14	0.33	"	3.33	ND	94	55-120	1	25	
Dibenz(a,h)anthracene	4.28	0.42	"	3.33	ND	129	25-135	1	30	
Dibenzofuran	2.90	0.33	"	3.33	ND	87	55-120	0.3	25	
Diethyl phthalate	2.96	0.33	"	3.33	ND	89	50-120	3	25	

TestAmerica - Sacramento, CA

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Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20056 - EPA 3545 / EPA 8270C**

Matrix Spike Dup (7B20056-MSD1)	Source: IQB1731-04	Prepared & Analyzed: 02/20/07								
Dimethyl phthalate	2.85	0.33	mg/kg	3.33	ND	86	25-120	1	25	
Di-n-butyl phthalate	3.28	0.33	"	3.33	ND	98	50-120	5	25	
Di-n-octyl phthalate	3.34	0.33	"	3.33	ND	100	55-120	1	25	
Fluoranthene	3.29	0.33	"	3.33	ND	99	45-120	0	25	
Fluorene	2.97	0.33	"	3.33	ND	89	50-120	1	25	
Hexachlorobenzene	2.99	0.33	"	3.33	ND	90	50-120	0.3	25	
Hexachlorobutadiene	2.36	0.33	"	3.33	ND	71	40-110	5	25	
Hexachlorocyclopentadiene	2.55	0.83	"	3.33	ND	77	20-120	3	30	
Hexachloroethane	2.34	0.33	"	3.33	ND	70	35-120	9	30	
Indeno(1,2,3-cd)pyrene	4.09	0.33	"	3.33	ND	123	20-135	0.2	30	
Isophorone	2.31	0.33	"	3.33	ND	69	40-120	4	25	
Naphthalene	2.64	0.33	"	3.33	ND	79	40-120	3	25	
Nitrobenzene	2.31	0.33	"	3.33	ND	69	40-120	5	25	
N-Nitrosodimethylamine	2.25	0.33	"	3.33	ND	68	25-125	9	25	
N-Nitroso-di-n-propylamine	2.42	0.25	"	3.33	ND	73	35-120	4	25	
N-Nitrosodiphenylamine	2.76	0.33	"	3.33	ND	83	50-120	0.4	25	
Pentachlorophenol	3.10	0.83	"	3.33	ND	93	30-125	1	25	
Phenanthrene	3.08	0.33	"	3.33	ND	92	50-120	2	25	
Phenol	2.27	0.33	"	3.33	ND	68	45-120	6	25	
Pyrene	3.09	0.33	"	3.33	ND	93	45-120	0.3	30	
Pyridine	1.65	0.20	"	3.33	ND	50	25-130	5	30	
Surrogate: 2,4,6-Tribromophenol	5.83		"	6.65		88	35-125			
Surrogate: 2-Fluorobiphenyl	2.74		"	3.33		82	35-120			
Surrogate: 2-Fluorophenol	4.50		"	6.65		68	25-120			
Surrogate: Nitrobenzene-d5	2.43		"	3.33		73	30-120			
Surrogate: Phenol-d6	4.68		"	6.65		70	35-120			
Surrogate: Terphenyl-d14	2.99		"	3.33		90	40-135			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**POLYCHLORINATED BIPHENYLS (EPA 3545/8082) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B19093 - EPA 3545 / EPA 8082**

**Blank (7B19093-BLK1)**

Prepared: 02/19/07 Analyzed: 02/20/07

Aroclor 1016	ND	0.050	mg/kg							
Aroclor 1221	ND	0.050	"							
Aroclor 1232	ND	0.050	"							
Aroclor 1242	ND	0.050	"							
Aroclor 1248	ND	0.050	"							
Aroclor 1254	ND	0.050	"							
Aroclor 1260	ND	0.050	"							

Surrogate: Decachlorobiphenyl 0.0391 " 0.0333 117 45-120

**Laboratory Control Sample (7B19093-BS2)**

Prepared: 02/19/07 Analyzed: 02/20/07

Aroclor 1016	0.240	0.050	mg/kg	0.267		90	60-115			
Aroclor 1260	0.256	0.050	"	0.267		96	60-115			
Surrogate: Decachlorobiphenyl	0.0391		"	0.0333		117	45-120			

**Matrix Spike (7B19093-MS2)**

Source: IQB1140-15

Prepared: 02/19/07 Analyzed: 02/20/07

Aroclor 1016	0.344	0.050	mg/kg	0.266	ND	129	45-120			M1
Aroclor 1260	0.219	0.050	"	0.266	ND	82	45-120			

Surrogate: Decachlorobiphenyl 0.0174 " 0.0332 52 45-120

**Matrix Spike Dup (7B19093-MSD2)**

Source: IQB1140-15

Prepared: 02/19/07 Analyzed: 02/20/07

Aroclor 1016	0.290	0.050	mg/kg	0.266	ND	109	45-120	17	30	
Aroclor 1260	0.211	0.050	"	0.266	ND	79	45-120	4	30	

Surrogate: Decachlorobiphenyl 0.0195 " 0.0332 59 45-120



Cambria Env - 5900 Hollis, Emeryville (Shell) 5900 Hollis St., Ste. A Emeryville CA, 94608	Project: 1801 Santa Rita Rd., Pleasanton Project Number: SAP# 135783 Project Manager: Aubrey Cool	SQB0320 Reported: 03/05/07 09:54
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**METALS - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B17042 - EPA 3050B ICP / EPA 6010B**

**Blank (7B17042-BLK1)**

Prepared: 02/17/07 Analyzed: 02/19/07

Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	"							
Lead	ND	2.0	"							
Nickel	ND	2.0	"							
Zinc	ND	5.0	"							

**Laboratory Control Sample (7B17042-BS1)**

Prepared: 02/17/07 Analyzed: 02/19/07

Cadmium	47.2	0.50	mg/kg	50.0		94	80-120			
Chromium	48.5	1.0	"	50.0		97	80-120			
Lead	49.5	2.0	"	50.0		99	80-120			
Nickel	47.3	2.0	"	50.0		95	80-120			
Zinc	46.8	5.0	"	50.0		94	80-120			

**Matrix Spike (7B17042-MS1)**

Source: IQB1858-01

Prepared: 02/17/07 Analyzed: 02/19/07

Cadmium	43.7	0.50	mg/kg	50.0	ND	87	75-125			
Chromium	69.0	1.0	"	50.0	25	88	75-125			
Lead	46.1	2.0	"	50.0	1.6	89	75-125			
Nickel	53.6	2.0	"	50.0	9.4	88	75-125			
Zinc	100	5.0	"	50.0	56	88	75-125			

**Matrix Spike Dup (7B17042-MSD1)**

Source: IQB1858-01

Prepared: 02/17/07 Analyzed: 02/19/07

Cadmium	44.2	0.50	mg/kg	50.0	ND	88	75-125	1	20	
Chromium	71.0	1.0	"	50.0	25	92	75-125	3	20	
Lead	47.2	2.0	"	50.0	1.6	91	75-125	2	20	
Nickel	54.8	2.0	"	50.0	9.4	91	75-125	2	20	
Zinc	101	5.0	"	50.0	56	90	75-125	1	20	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**INORGANICS - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20085 - 413.1 / EPA 413.1 MOD.**

**Blank (7B20085-BLK1)**

Prepared & Analyzed: 02/20/07

Oil & Grease ND 500 mg/kg

**Laboratory Control Sample (7B20085-BS1)**

Prepared & Analyzed: 02/20/07

Oil & Grease 673 500 mg/kg 667 101 55-130

**Matrix Spike (7B20085-MS1)**

Source: SQB0320-01

Prepared & Analyzed: 02/20/07

Oil & Grease 680 500 mg/kg 667 ND 102 35-130

**Matrix Spike Dup (7B20085-MSD1)**

Source: SQB0320-01

Prepared & Analyzed: 02/20/07

Oil & Grease 650 500 mg/kg 667 ND 97 35-130 5 25

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0320  
Reported:  
03/05/07 09:54

**Notes and Definitions**

- RL1 Reporting limit raised due to sample matrix effects.
- M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

LAB:

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Sacramento, California
- TA - Nashville, Tennessee
- Calscience
- Other \_\_\_\_\_



# SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Bill Merchant

ENVIRONMENTAL SERVICES  
 NETWORK DEV./PE  
 COMPLIANCE  
 BILL CONSULTANT  
 RMT/GRMT

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (YES ONLY)

DATE: 2/14/07

PAGE: 1 of 1

SAMPLING COMPANY: Cambria Environmental Technology, Inc. LOG CODE: CETO  
 ADDRESS: 6900 Hollis Street, Suite A, Emeryville, CA 94608  
 PROJECT CONTACT (Hardcopy or PDF Report to): Aubrey Cool  
 TELEPHONE: 610-420-3336 FAX: 510-420-9170 E-MAIL: acool@cambria-env.com  
 TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):  STD  5 DAY  3 DAY  2 DAY  24 HOURS  
 LA - RWQCB REPORT FORMAT  UST AGENCY:

SITE ADDRESS: Street and City: 1801 Santa Rita Rd., Pleasanton State: CA GLOBAL ID NO.: TO800144714  
 EDI DELIVERABLE TO (Name, Company, Office Location): Brenda Carter PHONE NO.: (510) 420-0700 E-MAIL: shell.em.edf@cambria-env.com CONSULTANT PROJECT NO.: 207-1232-001  
 Celina Hernandez

LAB USE ONLY  
5060320

REQUESTED ANALYSIS

Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH gas - Purgeable (8260B)	TPH diesel - Extractable (801SM)	STEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	PNAs (8270)	PCP (8270)	Chlorinated Hydrocarbons (8260)	Oil & grease	Cam 5 Metals Cd, Cr, Pb, Zn, Ni	PCBs	Creosote (8270)	FIELD NOTES:
WO-1-12	2/14/07	940	Soil	2	X	X	X	X						X	X	X	X	X	X	X	X	X	
<del>WO-2-12</del>	<del>2/14/07</del>	<del>940</del>	<del>Soil</del>	<del>1</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>						<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	C.H.

TEMPERATURE ON RECEIPT C°

No partial lab reports, send final PDF report only.

EDD NOT NEEDED  
 SHELL CONTRACT RATE APPLIES  
 STATE REIMB RATE APPLIES  
 RECEIPT VERIFICATION REQUESTED

SPECIAL INSTRUCTIONS OR NOTES:  
 Irvine  
 Lab only received 1 container for WO1-12, not 2, per Trevor Bremner 02/16/07. LCL  
 - Sacramento received the 2nd core. 02/20/07 LCL

Relinquished by (Signature): <i>Celina Hernandez</i>	Received by (Signature): <i>Scanned Location</i>	Date: 2/14/07	Time: 1430
Relinquished by (Signature): <i>Aubrey Cool</i>	Received by (Signature): <i>Fields</i>	Date: 2-15-07	Time: 08:45
Relinquished by (Signature): <i>Janet Yarnall</i>	Received by (Signature): <i>Janet Yarnall (TA)</i>	Date: 2-15-07	Time: 1610
		2/15/07	1900

05/02/08 Revision

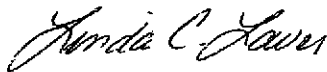
7 March, 2007

Aubrey Cool  
Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville, CA 94608

RE: 1801 Santa Rita Rd., Pleasanton  
Work Order: SQB0319

Enclosed are the results of analyses for samples received by the laboratory on 02/15/07 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Linda C. Laver  
Project Manager

CA ELAP Certificate # 2630

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PG-1	SQB0319-01	Soil	02/14/07 00:00	02/15/07 16:10

Cambria Env - 5900 Hollis, Emeryville (Shell) 5900 Hollis St., Ste. A Emeryville CA, 94608	Project: 1801 Santa Rita Rd., Pleasanton Project Number: SAP# 135783 Project Manager: Aubrey Cool	SQB0319 Reported: 03/07/07 10:54
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**TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>PG-1 (SQB0319-01) Soil    Sampled: 02/14/07 00:00    Received: 02/15/07 16:10</b>									
<b>Total Recoverable Hydrocarbons</b>	<b>92</b>	<b>5.0</b>	<b>mg/kg</b>	<b>1</b>	<b>7B20086</b>	<b>02/20/07</b>	<b>02/20/07</b>	<b>EPA 418.1</b>	<b>MHA</b>

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**EXTRACTABLE FUEL HYDROCARBONS (EPA 8015B w/ Silica Gel Clean-up)**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>PG-1 (SQB0319-01) Soil</b> <b>Sampled: 02/14/07 00:00</b> <b>Received: 02/15/07 16:10</b>										
<b>DRO (C10-C28)</b>	<b>30</b>	<b>5.0</b>		<b>mg/kg</b>	<b>1</b>	<b>7B19098</b>	<b>02/19/07</b>	<b>02/20/07</b>	<b>EPA 8015 MOD.</b>	
<i>Surrogate: n-Octacosane</i>		<i>95 %</i>		<i>40-125</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: n-Octacosane</i>		<i>95 %</i>		<i>40-125</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>EPA 8015B MOD.</i>	



Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)**

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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PG-1 (SQB0319-01) Soil Sampled: 02/14/07 00:00 Received: 02/15/07 16:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Fuel Hydrocarbons (C4-C12)	ND	0.20	mg/kg	1	7B16027	02/16/07	02/17/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		105 %	80-125		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**BTEX by GC/MS (EPA 5030B/8260B)**

TestAmerica - Irvine, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>PG-1 (SQB0319-01) Soil Sampled: 02/14/07 00:00 Received: 02/15/07 16:10</b>										
Benzene	ND	0.0020		mg/kg	1	7B16027	02/16/07	02/17/07 04:32	EPA 8260B	
Ethylbenzene	ND	0.0020		"	"	"	"	"	"	
Toluene	ND	0.0020		"	"	"	"	"	"	
o-Xylene	ND	0.0020		"	"	"	"	"	"	
m,p-Xylenes	ND	0.0020		"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		105 %		80-125		"	"	"	"	
Surrogate: Toluene-d8		95 %		80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		80-120		"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell) 5900 Hollis St., Ste. A Emeryville CA, 94608	Project: 1801 Santa Rita Rd., Pleasanton Project Number: SAP# 135783 Project Manager: Aubrey Cool	SQB0319 Reported: 03/07/07 10:54
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**TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)**

TestAmerica - Irvine, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>PG-1 (SQB0319-01) Soil Sampled: 02/14/07 00:00 Received: 02/15/07 16:10</b>										
Cresol	ND	0.10		mg/l	1	7B20127	02/20/07	02/22/07	EPA 8270C	
1,4-Dichlorobenzene	ND	0.050		"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.050		"	"	"	"	"	"	
Hexachlorobenzene	ND	0.050		"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.050		"	"	"	"	"	"	
Hexachloroethane	ND	0.050		"	"	"	"	"	"	
Nitrobenzene	ND	0.20		"	"	"	"	"	"	
Pentachlorophenol	ND	0.20		"	"	"	"	"	"	L
Pyridine	ND	0.050		"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.10		"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.10		"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		78 %		35-120		"	"	"	"	
Surrogate: Phenol-d6		84 %		45-120		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		105 %		40-125		"	"	"	"	
Surrogate: Nitrobenzene-d5		94 %		40-120		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		85 %		45-120		"	"	"	"	
Surrogate: Terphenyl-d14		85 %		45-135		"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
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Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**POLYCHLORINATED BIPHENYLS (EPA 3545/8082)**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>PG-1 (SQB0319-01) Soil Sampled: 02/14/07 00:00 Received: 02/15/07 16:10</b>										
Aroclor 1016	ND	0.050		mg/kg	1	7B19093	02/19/07	02/21/07	EPA 8082	
Aroclor 1221	ND	0.050		"	"	"	"	"	"	
Aroclor 1232	ND	0.050		"	"	"	"	"	"	
Aroclor 1242	ND	0.050		"	"	"	"	"	"	
Aroclor 1248	ND	0.050		"	"	"	"	"	"	
Aroclor 1254	ND	0.050		"	"	"	"	"	"	
Aroclor 1260	ND	0.050		"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		63 %		45-120		"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)**

TestAmerica - Irvine, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>PG-1 (SQB0319-01) Soil    Sampled: 02/14/07 00:00    Received: 02/15/07 16:10</b>										
Benzene	ND	0.020		mg/l	1	7B20019	02/19/07	02/21/07	8260B-TCLP	
2-Butanone (MEK)	ND	0.10		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.050		"	"	"	"	"	"	
Chlorobenzene	ND	0.020		"	"	"	"	"	"	
Chloroform	ND	0.020		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.020		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020		"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.050		"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.050		"	"	"	"	"	"	
Tetrachloroethene	ND	0.020		"	"	"	"	"	"	
Trichloroethene	ND	0.020		"	"	"	"	"	"	
Vinyl chloride	ND	0.050		"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		109 %		80-120		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99 %		80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		105 %		80-120		"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
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Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**METALS**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>PG-1 (SQB0319-01) Soil Sampled: 02/14/07 00:00 Received: 02/15/07 16:10</b>									
Antimony	ND	10	mg/kg	1	7B17042	02/17/07	02/19/07 11:47	EPA 6010B	
Arsenic	2.0	2.0	"	"	"	"	"	"	
Barium	57	1.0	"	"	"	"	02/19/07 11:46	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	02/19/07 11:47	"	
Chromium	16	1.0	"	"	"	"	"	"	
Cobalt	6.8	1.0	"	"	"	"	"	"	
Copper	12	2.0	"	"	"	"	02/19/07 11:46	"	
Lead	2.5	2.0	"	"	"	"	02/19/07 11:47	"	
Mercury	0.095	0.020	"	"	7B19065	02/19/07	02/19/07 13:24	EPA 7471A	
Molybdenum	ND	2.0	"	"	7B17042	02/17/07	02/19/07 11:47	EPA 6010B	
Nickel	35	2.0	"	"	"	"	02/19/07 11:46	"	
Selenium	ND	2.0	"	"	"	"	02/19/07 11:47	"	
Silver	ND	1.0	"	"	"	"	02/19/07 11:46	"	
Thallium	ND	10	"	"	"	"	02/19/07 11:47	"	
Vanadium	10	1.0	"	"	"	"	02/19/07 11:46	"	
Zinc	28	5.0	"	"	"	"	"	"	

Cambria Env - 5900 Hollis, Emeryville (Shell) 5900 Hollis St., Ste. A Emeryville CA, 94608	Project: 1801 Santa Rita Rd., Pleasanton Project Number: SAP# 135783 Project Manager: Aubrey Cool	SQB0319 Reported: 03/07/07 10:54
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**INORGANICS**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>PG-1 (SQB0319-01) Soil    Sampled: 02/14/07 00:00    Received: 02/15/07 16:10</b>									
Total Cyanide	ND	0.50	mg/kg	1	7B19101	02/19/07	02/19/07 20:38	EPA 9014	
Sulfide	ND	10	"	"	7B21125	02/21/07	02/21/07 20:22	EPA 9034	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

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**TCLP EXTRACTION - Zero Headspace (ZHE)**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>PG-1 (SQB0319-01) Soil    Sampled: 02/14/07 00:00    Received: 02/15/07 16:10</b>										
Extraction	DET	1.0		N/A	1	7B19113	02/19/07	02/20/07	EPA 1311-ZHE	



Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

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Reported:  
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**TCLP EXTRACTION - Semi Volatiles**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**PG-1 (SQB0319-01) Soil**    **Sampled: 02/14/07 00:00**    **Received: 02/15/07 16:10**

Extraction	DET	1.0	N/A	1	7B19114	02/19/07	02/20/07	EPA 1311-SV	
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Cambria Env - 5900 Hollis, Emeryville (Shell) 5900 Hollis St., Ste. A Emeryville CA, 94608	Project: 1801 Santa Rita Rd., Pleasanton Project Number: SAP# 135783 Project Manager: Aubrey Cool	SQB0319 Reported: 03/07/07 10:54
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**TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 7B20086 - 413.2/418.1 / EPA 418.1</b>										
<b>Blank (7B20086-BLK1)</b>				Prepared & Analyzed: 02/20/07						
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
<b>Laboratory Control Sample (7B20086-BS1)</b>				Prepared & Analyzed: 02/20/07						
Total Recoverable Hydrocarbons	16.6	5.0	mg/kg	20.0		83	55-130			
<b>Matrix Spike (7B20086-MS1)</b>				Prepared & Analyzed: 02/20/07						
Total Recoverable Hydrocarbons	107	5.0	mg/kg	20.0	92	75	35-130			MHA
<b>Matrix Spike Dup (7B20086-MSD1)</b>				Prepared & Analyzed: 02/20/07						
Total Recoverable Hydrocarbons	109	5.0	mg/kg	20.0	92	85	35-130	2	25	MHA

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

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**EXTRACTABLE FUEL HYDROCARBONS (EPA 8015B w/ Silica Gel Clean-up) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B19098 - CADHS LUFT+SilicaGel / EPA 8015 MOD.**

**Blank (7B19098-BLK1)**

Prepared & Analyzed: 02/19/07

EFH (C8 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	6.07		"	6.67		91	40-125			

**Laboratory Control Sample (7B19098-BS1)**

Prepared & Analyzed: 02/19/07

EFH (C8 - C28)	29.4	5.0	mg/kg	33.3		88	40-115			
Surrogate: n-Octacosane	6.20		"	6.67		93	40-125			

**Matrix Spike (7B19098-MS1)**

Source: SQB0319-01

Prepared & Analyzed: 02/19/07

EFH (C8 - C28)	57.6	5.0	mg/kg	33.3	30	83	40-120			
Surrogate: n-Octacosane	6.55		"	6.67		98	40-125			

**Matrix Spike Dup (7B19098-MSD1)**

Source: SQB0319-01

Prepared & Analyzed: 02/19/07

EFH (C8 - C28)	59.7	5.0	mg/kg	33.3	30	89	40-120	4	30	
Surrogate: n-Octacosane	6.55		"	6.67		98	40-125			

**Batch 7B19098 - CADHS LUFT+SilicaGel / EPA 8015B MOD.**

**Blank (7B19098-BLK1)**

Prepared & Analyzed: 02/19/07

EFH (C10 - C36)	ND	5.0	mg/kg							
EFH (C8 - C40)	ND	5.0	"							
Surrogate: n-Octacosane	6.07		"	6.67		91	40-125			

**Laboratory Control Sample (7B19098-BS1)**

Prepared & Analyzed: 02/19/07

EFH (C8 - C40)	29.4	5.0	mg/kg	33.3		88	40-115			
Surrogate: n-Octacosane	6.20		"	6.67		93	40-125			

**Matrix Spike (7B19098-MS1)**

Source: SQB0319-01

Prepared & Analyzed: 02/19/07

EFH (C8 - C40)	81.0	5.0	mg/kg	33.3	50	93	40-120			
Surrogate: n-Octacosane	6.55		"	6.67		98	40-125			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**EXTRACTABLE FUEL HYDROCARBONS (EPA 8015B w/ Silica Gel Clean-up) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B19098 - CADHS LUFT+SilicaGel / EPA 8015B MOD.**

Matrix Spike Dup (7B19098-MSD1)	Source: SQB0319-01			Prepared & Analyzed: 02/19/07						
EFH (C8 - C40)	83.1	5.0	mg/kg	33.3	50	99	40-120	3	30	
Surrogate: n-Octacosane	6.55		"	6.67		98	40-125			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 7B16027 - EPA 5030B GCMS / TPH by GC/MS</b>										
<b>Blank (7B16027-BLK1)</b>					Prepared & Analyzed: 02/16/07					
Volatile Fuel Hydrocarbons (C4-C12)	ND	0.20	mg/kg							
Surrogate: Dibromofluoromethane	0.0504		"	0.0500		101	80-125			
Surrogate: Toluene-d8	0.0525		"	0.0500		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.0524		"	0.0500		105	80-120			
<b>Laboratory Control Sample (7B16027-BS2)</b>					Prepared & Analyzed: 02/16/07					
Volatile Fuel Hydrocarbons (C4-C12)	0.774	0.20	mg/kg	1.00		77	60-135			
Surrogate: Dibromofluoromethane	0.0507		"	0.0500		101	80-125			
Surrogate: Toluene-d8	0.0527		"	0.0500		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.0532		"	0.0500		106	80-120			
<b>Matrix Spike (7B16027-MS1)</b>					Source: IQB1237-01		Prepared: 02/16/07 Analyzed: 02/17/07			
Volatile Fuel Hydrocarbons (C4-C12)	1.79	0.20	mg/kg	3.45	ND	52	55-140			M2
Surrogate: Dibromofluoromethane	0.0512		"	0.0500		102	80-125			
Surrogate: Toluene-d8	0.0530		"	0.0500		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.0511		"	0.0500		102	80-120			
<b>Matrix Spike Dup (7B16027-MSD1)</b>					Source: IQB1237-01		Prepared: 02/16/07 Analyzed: 02/17/07			
Volatile Fuel Hydrocarbons (C4-C12)	1.65	0.20	mg/kg	3.45	ND	48	55-140	8	25	M2
Surrogate: Dibromofluoromethane	0.0517		"	0.0500		103	80-125			
Surrogate: Toluene-d8	0.0528		"	0.0500		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.0501		"	0.0500		100	80-120			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

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Reported:  
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**BTEX by GC/MS (EPA 5030B/8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B16027 - EPA 5030B GCMS / EPA 8260B**

**Blank (7B16027-BLK1)**

Prepared & Analyzed: 02/16/07

Benzene	ND	0.0020	mg/kg							
Ethylbenzene	ND	0.0020	"							
Toluene	ND	0.0020	"							
o-Xylene	ND	0.0020	"							
m,p-Xylenes	ND	0.0020	"							
Surrogate: Dibromofluoromethane	0.0504		"	0.0500		101	80-125			
Surrogate: Toluene-d8	0.0525		"	0.0500		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.0524		"	0.0500		105	80-120			

**Laboratory Control Sample (7B16027-BS1)**

Prepared & Analyzed: 02/16/07

Benzene	0.0480	0.0020	mg/kg	0.0500		96	65-120			
Ethylbenzene	0.0477	0.0020	"	0.0500		95	70-125			
Toluene	0.0487	0.0020	"	0.0500		97	70-125			
o-Xylene	0.0500	0.0020	"	0.0500		100	70-125			
m,p-Xylenes	0.0982	0.0020	"	0.100		98	70-125			
Surrogate: Dibromofluoromethane	0.0509		"	0.0500		102	80-125			
Surrogate: Toluene-d8	0.0531		"	0.0500		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.0529		"	0.0500		106	80-120			

**Matrix Spike (7B16027-MS1)**

Source: IQB1237-01

Prepared: 02/16/07 Analyzed: 02/17/07

Benzene	0.0474	0.0020	mg/kg	0.0500	ND	95	65-130			
Ethylbenzene	0.0471	0.0020	"	0.0500	ND	94	70-135			
Toluene	0.0474	0.0020	"	0.0500	ND	95	70-130			
o-Xylene	0.0483	0.0020	"	0.0500	ND	97	65-130			
m,p-Xylenes	0.0971	0.0020	"	0.100	ND	97	70-130			
Surrogate: Dibromofluoromethane	0.0512		"	0.0500		102	80-125			
Surrogate: Toluene-d8	0.0530		"	0.0500		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.0511		"	0.0500		102	80-120			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**BTEX by GC/MS (EPA 5030B/8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B16027 - EPA 5030B GCMS / EPA 8260B**

Matrix Spike Dup (7B16027-MSD1)	Source: IQB1237-01	Prepared: 02/16/07	Analyzed: 02/17/07						
Benzene	0.0477	0.0020	mg/kg	0.0500	ND	95	65-130	0.6	20
Ethylbenzene	0.0447	0.0020	"	0.0500	ND	89	70-135	5	25
Toluene	0.0465	0.0020	"	0.0500	ND	93	70-130	2	20
o-Xylene	0.0465	0.0020	"	0.0500	ND	93	65-130	4	25
m,p-Xylenes	0.0887	0.0020	"	0.100	ND	89	70-130	9	25
Surrogate: Dibromofluoromethane	0.0517		"	0.0500		103	80-125		
Surrogate: Toluene-d8	0.0528		"	0.0500		106	80-120		
Surrogate: 4-Bromofluorobenzene	0.0501		"	0.0500		100	80-120		

Cambria Env - 5900 Hollis, Emeryville (Shell)  
 5900 Hollis St., Ste. A  
 Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
 Project Number: SAP# 135783  
 Project Manager: Aubrey Cool

SQB0319  
 Reported:  
 03/07/07 10:54

## TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C) - Quality Control

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 7B20127 - EPA 1311/3520C / EPA 8270C

Blank (7B20127-BLK1) Prepared: 02/20/07 Analyzed: 02/22/07

Cresol	ND	0.10	mg/l							
1,4-Dichlorobenzene	ND	0.050	"							
2,4-Dinitrotoluene	ND	0.050	"							
Hexachlorobenzene	ND	0.050	"							
Hexachlorobutadiene	ND	0.050	"							
Hexachloroethane	ND	0.050	"							
Nitrobenzene	ND	0.20	"							
Pentachlorophenol	ND	0.20	"							
Pyridine	ND	0.050	"							
2,4,5-Trichlorophenol	ND	0.10	"							
2,4,6-Trichlorophenol	ND	0.10	"							

Surrogate: 2-Fluorophenol	0.962		"	1.00		96	35-120			
Surrogate: Phenol-d6	0.994		"	1.00		99	45-120			
Surrogate: 2,4,6-Tribromophenol	1.12		"	1.00		112	40-125			
Surrogate: Nitrobenzene-d5	0.516		"	0.500		103	40-120			
Surrogate: 2-Fluorobiphenyl	0.495		"	0.500		99	45-120			
Surrogate: Terphenyl-d14	0.561		"	0.500		112	45-135			

#### Laboratory Control Sample (7B20127-BS1) Prepared: 02/20/07 Analyzed: 02/22/07

1,4-Dichlorobenzene	0.361	0.050	mg/l	0.500		72	35-120			
2,4-Dinitrotoluene	0.514	0.050	"	0.500		103	60-120			
Hexachlorobenzene	0.561	0.050	"	0.500		112	55-120			
Hexachlorobutadiene	0.439	0.050	"	0.500		88	40-120			
Hexachloroethane	0.357	0.050	"	0.500		71	35-120			
Nitrobenzene	0.472	0.20	"	0.500		94	50-120			
Pentachlorophenol	0.649	0.20	"	0.500		130	45-125			L
Pyridine	0.326	0.050	"	0.500		65	30-120			
2,4,5-Trichlorophenol	0.537	0.10	"	0.500		107	50-120			
2,4,6-Trichlorophenol	0.556	0.10	"	0.500		111	50-120			

Surrogate: 2-Fluorophenol	0.838		"	1.00		84	35-120			
Surrogate: Phenol-d6	0.924		"	1.00		92	45-120			
Surrogate: 2,4,6-Tribromophenol	1.20		"	1.00		120	40-125			
Surrogate: Nitrobenzene-d5	0.497		"	0.500		99	40-120			
Surrogate: 2-Fluorobiphenyl	0.507		"	0.500		101	45-120			
Surrogate: Terphenyl-d14	0.533		"	0.500		107	45-135			

TestAmerica - Sacramento, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20127 - EPA 1311/3520C / EPA 8270C**

**Matrix Spike (7B20127-MS1)**      **Source: IQB1798-01**      **Prepared: 02/20/07**      **Analyzed: 02/22/07**

1,4-Dichlorobenzene	0.295	0.050	mg/l	0.500	ND	59	35-120			
2,4-Dinitrotoluene	0.469	0.050	"	0.500	ND	94	60-120			
Hexachlorobenzene	0.499	0.050	"	0.500	ND	100	50-120			
Hexachlorobutadiene	0.384	0.050	"	0.500	ND	77	40-120			
Hexachloroethane	0.271	0.050	"	0.500	ND	54	35-120			
Nitrobenzene	0.449	0.20	"	0.500	ND	90	50-120			
Pentachlorophenol	0.570	0.20	"	0.500	ND	114	45-125			
Pyridine	0.330	0.050	"	0.500	ND	66	30-120			
2,4,5-Trichlorophenol	0.506	0.10	"	0.500	ND	101	50-120			
2,4,6-Trichlorophenol	0.508	0.10	"	0.500	ND	102	50-120			
<i>Surrogate: 2-Fluorophenol</i>	<i>0.820</i>		<i>"</i>	<i>1.00</i>		<i>82</i>	<i>35-120</i>			
<i>Surrogate: Phenol-d6</i>	<i>0.860</i>		<i>"</i>	<i>1.00</i>		<i>86</i>	<i>45-120</i>			
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>1.08</i>		<i>"</i>	<i>1.00</i>		<i>108</i>	<i>40-125</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.467</i>		<i>"</i>	<i>0.500</i>		<i>93</i>	<i>40-120</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.464</i>		<i>"</i>	<i>0.500</i>		<i>93</i>	<i>45-120</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>0.524</i>		<i>"</i>	<i>0.500</i>		<i>105</i>	<i>45-135</i>			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**POLYCHLORINATED BIPHENYLS (EPA 3545/8082) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B19093 - EPA 3545 / EPA 8082**

**Blank (7B19093-BLK1)**

Prepared: 02/19/07 Analyzed: 02/20/07

Aroclor 1016	ND	0.050	mg/kg							
Aroclor 1221	ND	0.050	"							
Aroclor 1232	ND	0.050	"							
Aroclor 1242	ND	0.050	"							
Aroclor 1248	ND	0.050	"							
Aroclor 1254	ND	0.050	"							
Aroclor 1260	ND	0.050	"							

Surrogate: Decachlorobiphenyl 0.0391 " 0.0333 117 45-120

**Laboratory Control Sample (7B19093-BS2)**

Prepared: 02/19/07 Analyzed: 02/20/07

Aroclor 1016	0.240	0.050	mg/kg	0.267	ND	90	60-115			
Aroclor 1260	0.256	0.050	"	0.267	ND	96	60-115			

Surrogate: Decachlorobiphenyl 0.0391 " 0.0333 117 45-120

**Matrix Spike (7B19093-MS2)**

Source: IQB1140-15

Prepared: 02/19/07 Analyzed: 02/20/07

Aroclor 1016	0.344	0.050	mg/kg	0.266	ND	129	45-120			MI
Aroclor 1260	0.219	0.050	"	0.266	ND	82	45-120			

Surrogate: Decachlorobiphenyl 0.0174 " 0.0332 52 45-120

**Matrix Spike Dup (7B19093-MSD2)**

Source: IQB1140-15

Prepared: 02/19/07 Analyzed: 02/20/07

Aroclor 1016	0.290	0.050	mg/kg	0.266	ND	109	45-120	17	30	
Aroclor 1260	0.211	0.050	"	0.266	ND	79	45-120	4	30	

Surrogate: Decachlorobiphenyl 0.0195 " 0.0332 59 45-120

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20019 - EPA 1311/5030B-MSV / 8260B-TCLP**

**Blank (7B20019-BLK1)**

Prepared: 02/19/07 Analyzed: 02/21/07

Benzene	ND	0.020	mg/l							
2-Butanone (MEK)	ND	0.10	"							
Carbon tetrachloride	ND	0.050	"							
Chlorobenzene	ND	0.020	"							
Chloroform	ND	0.020	"							
1,4-Dichlorobenzene	ND	0.020	"							
1,2-Dichloroethane	ND	0.020	"							
1,1-Dichloroethene	ND	0.050	"							
Hexachlorobutadiene	ND	0.050	"							
Tetrachloroethene	ND	0.020	"							
Trichloroethene	ND	0.020	"							
Vinyl chloride	ND	0.050	"							
<i>Surrogate: Dibromofluoromethane</i>	0.281		"	0.250		112	80-120			
<i>Surrogate: Toluene-d8</i>	0.261		"	0.250		104	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.247		"	0.250		99	80-120			

**Laboratory Control Sample (7B20019-BS1)**

Prepared: 02/19/07 Analyzed: 02/21/07

Benzene	0.249	0.020	mg/l	0.250		100	70-120			
2-Butanone (MEK)	0.219	0.10	"	0.250		88	40-140			
Carbon tetrachloride	0.217	0.050	"	0.250		87	65-140			
Chlorobenzene	0.246	0.020	"	0.250		98	75-120			
Chloroform	0.242	0.020	"	0.250		97	70-130			
1,4-Dichlorobenzene	0.238	0.020	"	0.250		95	75-120			
1,2-Dichloroethane	0.219	0.020	"	0.250		88	60-140			
1,1-Dichloroethene	0.206	0.050	"	0.250		82	70-125			
Hexachlorobutadiene	0.196	0.050	"	0.250		78	65-135			
Tetrachloroethene	0.225	0.020	"	0.250		90	70-125			
Trichloroethene	0.225	0.020	"	0.250		90	70-125			
Vinyl chloride	0.301	0.050	"	0.250		120	55-135			
<i>Surrogate: Dibromofluoromethane</i>	0.275		"	0.250		110	80-120			
<i>Surrogate: Toluene-d8</i>	0.262		"	0.250		105	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.278		"	0.250		111	80-120			

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B20019 - EPA 1311/5030B-MSV / 8260B-TCLP**

Matrix Spike (7B20019-MS1)	Source: IQA2566-02	Prepared: 02/19/07	Analyzed: 02/21/07				
Benzene	0.248	0.020	mg/l	0.250	0.0089	96	65-125
2-Butanone (MEK)	0.245	0.10	"	0.250	ND	98	30-145
Carbon tetrachloride	0.211	0.050	"	0.250	ND	84	65-140
Chlorobenzene	0.254	0.020	"	0.250	ND	102	75-125
Chloroform	0.232	0.020	"	0.250	ND	93	65-135
1,4-Dichlorobenzene	0.257	0.020	"	0.250	ND	103	75-125
1,2-Dichloroethane	0.252	0.020	"	0.250	ND	101	60-140
1,1-Dichloroethene	0.217	0.050	"	0.250	ND	87	60-130
Hexachlorobutadiene	0.265	0.050	"	0.250	ND	106	60-135
Tetrachloroethene	0.254	0.020	"	0.250	ND	102	65-130
Trichloroethene	0.241	0.020	"	0.250	ND	96	65-125
Vinyl chloride	0.286	0.050	"	0.250	ND	114	45-140
Surrogate: Dibromofluoromethane	0.248		"	0.250		99	80-120
Surrogate: Toluene-d8	0.275		"	0.250		110	80-120
Surrogate: 4-Bromofluorobenzene	0.255		"	0.250		102	80-120

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**METALS - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B17042 - EPA 3050B ICP / EPA 6010B**

**Blank (7B17042-BLK1)**

Prepared: 02/17/07 Analyzed: 02/19/07

Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	"							
Barium	ND	1.0	"							
Beryllium	ND	0.50	"							
Cadmium	ND	0.50	"							
Chromium	ND	1.0	"							
Cobalt	ND	1.0	"							
Copper	ND	2.0	"							
Lead	ND	2.0	"							
Molybdenum	ND	2.0	"							
Nickel	ND	2.0	"							
Selenium	ND	2.0	"							
Silver	ND	1.0	"							
Thallium	ND	10	"							
Vanadium	ND	1.0	"							
Zinc	ND	5.0	"							

**Laboratory Control Sample (7B17042-BS1)**

Prepared: 02/17/07 Analyzed: 02/19/07

Antimony	52.7	10	mg/kg	50.0	105	80-120
Arsenic	48.4	2.0	"	50.0	97	80-120
Barium	46.8	1.0	"	50.0	94	80-120
Beryllium	48.0	0.50	"	50.0	96	80-120
Cadmium	47.2	0.50	"	50.0	94	80-120
Chromium	48.5	1.0	"	50.0	97	80-120
Cobalt	47.4	1.0	"	50.0	95	80-120
Copper	46.5	2.0	"	50.0	93	80-120
Lead	49.5	2.0	"	50.0	99	80-120
Molybdenum	46.9	2.0	"	50.0	94	80-120
Nickel	47.3	2.0	"	50.0	95	80-120
Selenium	46.3	2.0	"	50.0	93	80-120
Silver	24.9	1.0	"	25.0	100	80-120
Thallium	48.1	10	"	50.0	96	80-120
Vanadium	48.1	1.0	"	50.0	96	80-120
Zinc	46.8	5.0	"	50.0	94	80-120

Cambria Env - 5900 Hollis, Emeryville (Shell)  
 5900 Hollis St., Ste. A  
 Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
 Project Number: SAP# 135783  
 Project Manager: Aubrey Cool

SQB0319  
 Reported:  
 03/07/07 10:54

## METALS - Quality Control

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 7B17042 - EPA 3050B ICP / EPA 6010B

Matrix Spike (7B17042-MS1)	Source: IQB1858-01	Prepared: 02/17/07	Analyzed: 02/19/07							
Antimony	14.9	10	mg/kg	50.0	ND	30	75-125			M2
Arsenic	46.3	2.0	"	50.0	2.1	88	75-125			
Barium	203	1.0	"	50.0	160	86	75-125			
Beryllium	45.2	0.50	"	50.0	0.25	90	75-125			
Cadmium	43.7	0.50	"	50.0	ND	87	75-125			
Chromium	69.0	1.0	"	50.0	25	88	75-125			
Cobalt	49.6	1.0	"	50.0	6.1	87	75-125			
Copper	61.4	2.0	"	50.0	16	91	75-125			
Lead	46.1	2.0	"	50.0	1.6	89	75-125			
Molybdenum	42.7	2.0	"	50.0	0.86	84	75-125			
Nickel	53.6	2.0	"	50.0	9.4	88	75-125			
Selenium	44.2	2.0	"	50.0	1.8	85	75-125			
Silver	24.5	1.0	"	25.0	ND	98	75-125			
Thallium	46.2	10	"	50.0	2.0	88	75-125			
Vanadium	110	1.0	"	50.0	65	90	75-125			
Zinc	100	5.0	"	50.0	56	88	75-125			

Matrix Spike Dup (7B17042-MSD1)	Source: IQB1858-01	Prepared: 02/17/07	Analyzed: 02/19/07							
Antimony	14.8	10	mg/kg	50.0	ND	30	75-125	0.7	20	M2
Arsenic	47.7	2.0	"	50.0	2.1	91	75-125	3	20	
Barium	205	1.0	"	50.0	160	90	75-125	1	20	
Beryllium	46.2	0.50	"	50.0	0.25	92	75-125	2	20	
Cadmium	44.2	0.50	"	50.0	ND	88	75-125	1	20	
Chromium	71.0	1.0	"	50.0	25	92	75-125	3	20	
Cobalt	51.3	1.0	"	50.0	6.1	90	75-125	3	20	
Copper	62.0	2.0	"	50.0	16	92	75-125	1	20	
Lead	47.2	2.0	"	50.0	1.6	91	75-125	2	20	
Molybdenum	43.9	2.0	"	50.0	0.86	86	75-125	3	20	
Nickel	54.8	2.0	"	50.0	9.4	91	75-125	2	20	
Selenium	45.6	2.0	"	50.0	1.8	88	75-125	3	20	
Silver	24.8	1.0	"	25.0	ND	99	75-125	1	20	
Thallium	47.0	10	"	50.0	2.0	90	75-125	2	20	
Vanadium	111	1.0	"	50.0	65	92	75-125	0.9	20	
Zinc	101	5.0	"	50.0	56	90	75-125	1	20	

TestAmerica - Sacramento, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**METALS - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 7B19065 - EPA 7471A Hg / EPA 7471A</b>										
<b>Blank (7B19065-BLK1)</b>				Prepared & Analyzed: 02/19/07						
Mercury	ND	0.020	mg/kg							
<b>Laboratory Control Sample (7B19065-BS1)</b>				Prepared & Analyzed: 02/19/07						
Mercury	0.792	0.020	mg/kg	0.800	0.049	99	85-120			
<b>Matrix Spike (7B19065-MS1)</b>				Source: IQB1654-12 Prepared & Analyzed: 02/19/07						
Mercury	0.818	0.020	mg/kg	0.800	0.049	96	65-135			
<b>Matrix Spike Dup (7B19065-MSD1)</b>				Source: IQB1654-12 Prepared & Analyzed: 02/19/07						
Mercury	0.823	0.020	mg/kg	0.800	0.049	97	65-135	0.6	20	

Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**INORGANICS - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B19101 - General Prep / EPA 9014**

<b>Blank (7B19101-BLK1)</b>				Prepared & Analyzed: 02/19/07						
Total Cyanide	ND	0.50	mg/kg							
<b>Laboratory Control Sample (7B19101-BS1)</b>				Prepared & Analyzed: 02/19/07						
Total Cyanide	4.97	0.50	mg/kg	5.00	99	90-110				
<b>Matrix Spike (7B19101-MS1)</b>				Source: IQB1423-01 Prepared & Analyzed: 02/19/07						
Total Cyanide	6.31	0.50	mg/kg	5.00	5.6	14	70-115			M2
<b>Matrix Spike Dup (7B19101-MSD1)</b>				Source: IQB1423-01 Prepared & Analyzed: 02/19/07						
Total Cyanide	6.36	0.50	mg/kg	5.00	5.6	15	70-115	0.8	15	M2

**Batch 7B21125 - General Prep / EPA 9034**

<b>Blank (7B21125-BLK1)</b>				Prepared & Analyzed: 02/21/07						
Sulfide	ND	1.0	mg/kg							
<b>Laboratory Control Sample (7B21125-BS1)</b>				Prepared & Analyzed: 02/21/07						
Sulfide	10.8	1.0	mg/kg	11.2	96	80-120				
<b>Matrix Spike (7B21125-MS1)</b>				Source: IQB1809-01 Prepared & Analyzed: 02/21/07						
Sulfide	96.0	10	mg/kg	112	ND	86	70-130			
<b>Matrix Spike Dup (7B21125-MSD1)</b>				Source: IQB1809-01 Prepared & Analyzed: 02/21/07						
Sulfide	88.0	10	mg/kg	112	ND	79	70-130	9	30	



Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**TCLP EXTRACTION - Zero Headspace (ZHE) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B19113 - EPA 1311 - ZHE / EPA 1311-ZHE**

**Blank (7B19113-BLK1)**

Prepared: 02/19/07 Analyzed: 02/20/07

Extraction	ND	1.0	N/A							
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Cambria Env - 5900 Hollis, Emeryville (Shell) 5900 Hollis St., Ste. A Emeryville CA, 94608	Project: 1801 Santa Rita Rd., Pleasanton Project Number: SAP# 135783 Project Manager: Aubrey Cool	SQB0319 Reported: 03/07/07 10:54
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**TCLP EXTRACTION - Semi Volatiles - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B19114 - EPA 1311 - SV / EPA 1311-SV**

Blank (7B19114-BLK1)

Prepared: 02/19/07 Analyzed: 02/20/07

Extraction	ND	1.0	N/A							
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Cambria Env - 5900 Hollis, Emeryville (Shell)  
5900 Hollis St., Ste. A  
Emeryville CA, 94608

Project: 1801 Santa Rita Rd., Pleasanton  
Project Number: SAP# 135783  
Project Manager: Aubrey Cool

SQB0319  
Reported:  
03/07/07 10:54

**Notes and Definitions**

MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

**LAB:**

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Sacramento, California
- TA - Nashville, Tennessee
- CalScience
- Other \_\_\_\_\_



**SHELL Chain Of Custody Record**

**NAME OF PERSON TO BILL:** Bill Merchant

**INCIDENT # (ES ONLY)**

- ENVIRONMENTAL SERVICES
- NETWORK DEV / FE
- COMPLIANCE
- BILL CONSULTANT
- SMT/CRMT

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

**DATE:** 2/14/07

**PAGE:** 1 of 1

PG #	SAP or CRMT #
1 3 5 7 8 3	

<b>SAMPLING COMPANY:</b> Cambria Environmental Technology, Inc.	<b>LOG CODE:</b> CETO	<b>SITE ADDRESS: Street and City:</b> 1801 Santa Rita Rd., Pleasanton	<b>STATE:</b> CA	<b>GLOBAL ID NO.:</b> T0600144714
<b>ADDRESS:</b> 5900 Hollis Street, Suite A, Emeryville, CA 94608	<b>EDF DELIVERABLE TO (Name, Company, Office Location):</b> Brenda Carter	<b>PHONE NO.:</b> (510) 420-0700	<b>E-MAIL:</b> shell.em.edi@cambria-env.com	<b>CONSULTANT PROJECT NO.:</b> 207-1742-001
<b>PRODUCT CONTACT (Agency or PDF Report to):</b> Aubrey Cool	<b>TELEPHONE:</b> 510-420-3336	<b>FAX:</b> (510) 420-3384	<b>E-MAIL:</b> acool@cambria-env.com	<b>SAMPLER NAME(S) (Print):</b> Celina Hernandez

**TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):**

STD  
 5 DAY  
 3 DAY  
 2 DAY  
 24 HOURS

RESULTS NEEDED ON WEEKEND

**REQUESTED ANALYSIS**

LA - RWQCB REPORT FORMAT    LIST AGENCY:

**SPECIAL INSTRUCTIONS OR NOTES:**

- EDD NOT NEEDED
- SHELL CONTRACT RATE APPLIES
- STATE REIMB RATE APPLIES
- RECEIPT VERIFICATION REQUESTED

cc: Daviya Saleme, dsaleme@cambria-env.com

Call composite sample ID and field point name: PG-1

LAB USE ONLY	Field Sample Identification		MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M) w/SGC	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	TRPH	Reactive Sulfide & Cyanide	PCBs by EPA 8082	TCLP VOCs by 8260B	TCLP Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	LUFTS <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	Test for Disposal (see attached)	TEMPERATURE ON RECEIPT C*	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	DATE	TIME																	
0	PG-1A	2/14/2007	soil	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Please call
	PG-1B			1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	composite
	PG-1C			1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	sample
	PG-1D			1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	PG-1

<b>Relinquished by (Signature):</b> <i>Celina Hernandez</i>	<b>Received by (Signature):</b> <i>Scorped Location</i>	<b>Date:</b> 2/14/07	<b>Time:</b> 1430
<b>Relinquished by (Signature):</b> <i>Aubrey Cool</i>	<b>Received by (Signature):</b> <i>[Signature]</i>	<b>Date:</b> 2-15-07	<b>Time:</b> 08:45
<b>Relinquished by (Signature):</b> <i>[Signature]</i>	<b>Received by (Signature):</b> <i>John Youell / TA</i>	<b>Date:</b> 2-15-07	<b>Time:</b> 1610
	<i>John Youell / TA</i>	<b>Date:</b> 2/15/07	<b>Time:</b> 1900

ISSUED DATE: 05/23/97  
CANCELS ISSUE: 03/05/97  
ISSUED BY: RLG

**MATERIAL: SOIL CONTAMINATED WITH WASTE OIL**

**USE FOR ARIZONA , CALIFORNIA AND NEVADA WASTE ONLY!!!**

**MINIMUM REQUIRED TESTING**

**TPHd, TPHg**

TRPH = TOTAL RECOVERABLE PETROLEUM HYDROCARBONS = EPA 418.1

~~BTX/E - EPA 8020~~

CAM METALS = TTLC ALL: 17

STLC ON ALL TTLC METALS 10 X STLC MAXIMUM:

TTLC LEAD => 13 MG/KG REQUIRES ORGANIC ANALYSIS

TCLP EXTRACTION = EPA 1311 AND

VOC ON EXTRACT = EPA ~~8240~~ 8260

SVOC ON EXTRACT = EPA 8270

~~METALS ON EXTRACT - EPA 6010, (USE 7470 FOR Hg)~~

NOTE: IF PESTICIDES = EPA 8080 (ON EXTRACT)

IF HERBICIDES = EPA 8150 (ON EXTRACT)

PCBs = EPA METHOD 8080 (NOT ON EXTRACT)

HYDROGEN SULFIDE = SW-846 (7.3.4.2) (REACTIVITY)

HYDROGEN CYANIDE = SW-846 (7.3.3.2) (REACTIVITY)

~~pH (CORROSIVITY)~~

**IF TPH > 5000 ppm,**

AQUATIC BIOASSAY (FISH TOX) = PART 800 OF "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER (15TH EDITION)"

**LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)**

~~TRPH REQUIRED ON ALL SAMPLES~~

- ALL OTHER TESTS REQUIRED TO BE RUN ON COMPOSITE(S). MAXIMUM 4 SAMPLES PER COMPOSITE.
- STLC REQUIRED FOR METALS WITH TTLC VALUE 10 X STLC MAXIMUM.
- ORGANIC ANALYSIS REQUIRED FOR TTLC LEAD OF 13 MG/KG OR GREATER.
- LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS.
- ~~- MAIL OR FAX ALL ANALYSIS TO PERSON REQUESTING ANALYSIS.~~

PROCEDURE ORIGINAL DATE: 07/10/90  
PROCEDURE REVISED DATE: 03/05/97

**ATTACHMENT C**

Unauthorized Release Report

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT			
EMERGENCY <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> Yes <input type="checkbox"/> No	
REPORT DATE 3/7/2007		CASE #	
FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 2150.7 OF THE HEALTH AND SAFETY CODE. <i>Signature</i> DATE <i>3/7/07</i>			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Ausa Sibley		PHONE (916) 240-1610
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> REGIONAL BOARD <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Shell Oil Products US
	ADDRESS 20945 S. Wilmington Avenue STREET Carson CA 90810 CITY STATE ZIP		
RESPONSIBLE PARTY	NAME Shell Oil Products US <input type="checkbox"/> Unknown		CONTACT PERSON Denis Brown
	ADDRESS 20945 S. Wilmington Avenue STREET Carson CA 90810 CITY STATE ZIP		PHONE (707) 865-0251
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Shell-branded Service Station		OPERATOR Thanh Duong & Hoe Tran
	ADDRESS 1801 Santa Rita Road STREET Pleasanton Alameda 94566 CITY COUNTY ZIP		PHONE (925) 484-0150
	CROSS STREET Valley Avenue		
SUPERVISING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Health Care Services Agency		PHONE (510) 567-6791
	REGIONAL BOARD San Francisco Bay		PHONE (510) 622-2300
SUBSTANCES INVOLVED	(1) TPH diesel - 6.5 mg/kg (WO-1-12)		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> Unknown
	(2) Chromium - 62 mg/kg (WO-1-12)		<input checked="" type="checkbox"/> Unknown
DISCOVERY/REPORT	DATE DISCOVERED 3/5/2007	HOW DISCOVERED <input type="checkbox"/> Tank Test <input checked="" type="checkbox"/> Tank Removal <input type="checkbox"/> Nuisance Conditions <input type="checkbox"/> Inventory Control <input type="checkbox"/> Subsurface Monitoring <input type="checkbox"/> Other	
	DATE DISCHARGE BEGAN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> Remove Contents <input checked="" type="checkbox"/> Close Tank <input type="checkbox"/> Repair Tank <input type="checkbox"/> Change Procedure <input type="checkbox"/> Plug/Seal Tank <input type="checkbox"/> Other <input type="checkbox"/> Repair Piping	
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 2/14/2007	<input checked="" type="checkbox"/> UNKNOWN	
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> Tank Leak <input type="checkbox"/> Piping Leak <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Other		CAUSE(S) <input type="checkbox"/> Overfill <input type="checkbox"/> Corrosion <input type="checkbox"/> Rupture/Failure <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Spill <input type="checkbox"/> Other
	CHECK ONE ONLY <input checked="" type="checkbox"/> Undetermined <input type="checkbox"/> Soil Only <input type="checkbox"/> Groundwater <input type="checkbox"/> Drinking Water - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)		
CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> No Action Taken <input type="checkbox"/> Case Closed (Cleanup Completed or Unnecessary) <input type="checkbox"/> Leak Being Confirmed <input type="checkbox"/> Pollution Characterization <input type="checkbox"/> Remediation Plan <input type="checkbox"/> Post Cleanup Monitoring In Progress <input type="checkbox"/> Preliminary Site Assessment Workplan Submitted <input type="checkbox"/> Cleanup Underway <input type="checkbox"/> Preliminary Site Assessment Underway		
	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> Cap Site (CD) <input type="checkbox"/> Excavate & Treat (ET) <input type="checkbox"/> Treatment At Hookup (HU) <input checked="" type="checkbox"/> Other - pending agency evaluation <input type="checkbox"/> Contamination Barrier (CB) <input type="checkbox"/> No Action Required (NA) <input type="checkbox"/> Enhanced Bio Degradation (IT) <input type="checkbox"/> Vacuum Extract (VE) <input type="checkbox"/> Remove Free Product (FP) <input type="checkbox"/> Replace Supply (RS) <input type="checkbox"/> Excavate & Dispose (ED) <input type="checkbox"/> Pump & Treat Groundwater (GT) <input type="checkbox"/> Vent Bore (VB)		
COMMENTS	Soil concentrations were found during waste oil tank removal activities including TPH diesel, chromium, lead, nickel, and zinc. Cambria Environmental Technology, Inc. notified the Livermore-Pleasanton Fire Department on 3/6/2007 at 11:15 AM. Cambria left a voice mail for inspector Paul Smith. A report documenting the reported findings will be submitted to the agency within 60 days.		