

EXPLANATION	
MW-1	Monitoring well location
SB-1	Soil boring location
P-1	Soil sample location

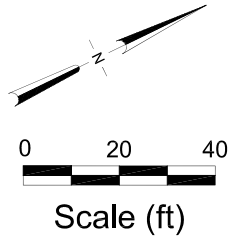


FIGURE
2

I:\9-4800 OAKLAND\FIGURES\SITEPLAN.DWG





McC Campbell Analytical, Inc.

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

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #9-4800	Date Sampled: 08/06/04
		Date Received: 08/06/04
	Client Contact: Tom Sparrowe	Date Reported: 08/10/04
	Client P.O.:	Date Completed: 08/10/04

WorkOrder: 0408106

August 10, 2004

Dear Tom:

Enclosed are:

- 1). the results of 1 analyzed sample from your #9-4800 project,
- 2). a QC report for the above sample
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0408106

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 12632		Spiked Sample ID: 0408090-002A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(bt _{ex}) [£]	ND	0.60	97.8	101	2.85	96.7	96.1	0.687	70	130
MTBE	ND	0.10	95.9	94.8	1.18	99.3	100	0.778	70	130
Benzene	ND	0.10	101	106	4.95	109	108	1.05	70	130
Toluene	ND	0.10	83.4	86.3	3.45	88	85.9	2.36	70	130
Ethylbenzene	ND	0.10	104	107	2.74	109	107	1.95	70	130
Xylenes	ND	0.30	91	95.7	5.00	95.7	95.3	0.349	70	130
%SS:	97.7	0.10	103	102	0.788	105	106	0.556	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(bt_{ex}) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0408106

EPA Method: 6010C		Extraction: SW3050B			BatchID: 12633		Spiked Sample ID: 0408090-002A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	7.56	50	96.5	72.1	24.5	99.2	102	2.69	80	120
%SS:	106	250	94.6	106	11.7	94.8	92.2	2.78	80	120

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.


% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

* Acceptance Criteria for MS / MSD is between 70% and 130%. MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0408106

ClientID: CETE

Report to:

Tom Sparrowe
 Cambria Env. Technology
 5900 Hollis St, Suite A
 Emeryville, CA 94608

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #9-4800
 PO:

Bill to:

Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT:

2 days

Date Received:

8/6/04

Date Printed:

8/6/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0408106-001	Comp	Soil	8/6/04 5:30:00 PM	<input type="checkbox"/>	A	A													

Test Legend:

1	G-MBTEX_S	2	PB_S	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Michelle Lopez

Comments: 48 hr rush

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



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Website: www.mccampbell.com E-mail: main@mccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #51E-1966; 9-4800 Oakland	Date Sampled: 04/12/04
		Date Received: 04/12/04
	Client Contact: Tom Sparrowe	Date Reported: 04/13/04
	Client P.O.:	Date Completed: 04/13/04

WorkOrder: 0404140

April 13, 2004

Dear Tom:

Enclosed are:

- 1). the results of 4 analyzed samples from your #51E-1966; 9-4800 Oakland project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager



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 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #51E-1966; 9-4800 Oakland	Date Sampled: 04/12/04
	Client Contact: Tom Sparrowe	Date Received: 04/12/04
	Client P.O.:	Date Extracted: 04/12/04
		Date Analyzed: 04/13/04

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404140

Lab ID	0404140-001A	0404140-002A	0404140-003A	0404140-004A	Reporting Limit for DF =1	
Client ID	T-8	T-6	T-9	T-4		
Matrix	S	S	S	S		
DF	2	2	2	2		

Compound	Concentration				µg/Kg	ug/L
tert-Amyl methyl ether (TAME)	11	13	ND<10	50	5.0	NA
t-Butyl alcohol (TBA)	160	240	ND<50	55	25	NA
Diisopropyl ether (DIPE)	ND<10	ND<10	ND<10	ND<10	5.0	NA
Ethyl tert-butyl ether (ETBE)	ND<10	ND<10	ND<10	ND<10	5.0	NA
Methyl-t-butyl ether (MTBE)	170	150	ND<10	92	5.0	NA

Surrogate Recoveries (%)

%SS:	95.4	96.3	97.9	94.2		
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Comments

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0404140

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 11080		Spiked Sample ID: 0404157-019A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	ND	0.60	102	101	1.33	101	95.3	5.44	70	130
MTBE	ND	0.10	91.6	91.7	0.0732	103	112	8.19	70	130
Benzene	ND	0.10	110	111	0.250	107	112	4.90	70	130
Toluene	ND	0.10	94.8	92.5	2.53	89.4	95.8	6.91	70	130
Ethylbenzene	ND	0.10	114	109	4.10	104	99.9	4.31	70	130
Xylenes	ND	0.30	100	99.7	0.334	95.7	96.7	1.04	70	130
%SS:	96.1	0.10	102	89.3	13.3	96.8	110	12.8	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404140

EPA Method: SW8015C		Extraction: SW3550C		BatchID: 11074			Spiked Sample ID: 0404132-012A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	98.9	99.2	0.285	101	101	0	70	130
%SS:	99.8	50	96	96.2	0.236	97.6	98.1	0.540	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.


% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer



QC SUMMARY REPORT FOR SW8260B

Matrix: S

WorkOrder: 0404140

EPA Method: SW8260B		Extraction: SW5030B		BatchID: 11081			Spiked Sample ID: 0404140-003A			
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND<10	50	105	104	0.883	96.6	94.1	2.65	70	130
Benzene	ND<10	50	111	112	0.687	108	107	1.65	70	130
t-Butyl alcohol (TBA)	ND<50	250	92.2	96.6	4.67	89.9	88.8	1.25	70	130
Chlorobenzene	ND<10	50	113	116	2.32	109	110	1.43	70	130
1,2-Dibromoethane (EDB)	ND<10	50	127	129	1.40	120	117	1.94	70	130
1,2-Dichloroethane (1,2-DCA)	ND<10	50	106	105	0.409	102	100	1.24	70	130
1,1-Dichloroethene	ND<10	50	106	107	1.46	106	103	3.74	70	130
Diisopropyl ether (DIPE)	ND<10	50	85.1	84	1.35	79.6	78.1	1.90	70	130
Ethyl tert-butyl ether (ETBE)	ND<10	50	93.5	91.4	2.25	86.4	83.2	3.79	70	130
Methyl-t-butyl ether (MTBE)	ND<10	50	98.8	93.8	5.21	91.9	85.4	7.34	70	130
Toluene	ND<10	50	109	111	1.97	105	103	2.28	70	130
Trichloroethene	ND<10	50	87.6	87.5	0.0588	86.7	84.5	2.64	70	130
%SS1:	97.9	50	98.7	97.2	1.51	101	98.6	2.82	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



McC Campbell Analytical, Inc.

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QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0404140

EPA Method: 6010C		Extraction: SW3050B			BatchID: 11076		Spiked Sample ID: 0404139-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	10.49	50	81.6	117	29.4	101	100	0.843	80	120
%SS:	106	250	103	108	4.91	99.3	101	1.90	80	120
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0404140

Report to:

Tom Sparrowe
 Cambria Env. Technology
 5900 Hollis St, Suite A
 Emeryville, CA 94608

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #51E-1966; 9-4800 Oakland
 PO:

Bill to:

Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT:

1 day

Date Received: 4/12/04

Date Printed: 4/12/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0404140-001	T-8	Soil	4/12/04 2:05:00 PM	<input type="checkbox"/>	A	A	A	A											
0404140-002	T-6	Soil	4/12/04 2:28:00 PM	<input type="checkbox"/>	A	A	A	A											
0404140-003	T-9	Soil	4/12/04 3:05:00 PM	<input type="checkbox"/>	A	A	A	A											
0404140-004	T-4	Soil	4/12/04 3:36:00 PM	<input type="checkbox"/>	A	A	A	A											

Test Legend:

1	5-OXYS_S	2	G-MBTX_S	3	PB_S	4	TPH(D)_S	5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

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

661e

040440

RUSH!

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH
 24 HR
 48 HR
 72 HR
 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: *Tom Sparrowe* Bill To: *Cambria Env.*
 Company: *Cambria Environmental*
5900 Hollis St. Ste A
Emeryville, CA E-Mail: *tsparrowe@cambria-env*
 Tele: *(510) 420-3316* Fax: *(510) 420-9170*
 Project #: *51E-1966* Project Name: *9-4800 Oakland*
 Project Location: *1700 Castro St, Oakland*
 Sampler Signature: *Knee*

Analysis Request

Other

Comments

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				BTEX TPH as Diesel (8015) Total Petroleum Oil & Grease (5520 E&F/B&F) Total Petroleum Hydrocarbons (418.1) EPA 601 / 8010 BTEX ONLY (EPA 602 / 8020) EPA 608 / 8080 EPA 608 / 8080 PCB's ONLY EPA 624 / 8240 / 8250 <i>MIBx + Oxigene</i> EPA 625 / 8270 PAH's / PNA's by EPA 625 / 8270 / 8310 CAM-17 Metals LUFT 5 Metals Lead (7240/7421/239.2/6010) RCI <i>TPH as gasoline 2015</i>	Other	Comments	
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other				
T-8	20'	4/12/04	1405	1			X											
T-6	20'	4/12/04	1428	1			X											
T-9	Stockpile	4/12/04	1505	4			X											
T-4	20'	4/12/04	15:36	1			X											

Relinquished By: *Nina Knisel* Date: *04.12.04* Time: *4:55* Received By: *[Signature]*
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/t°
 GOOD CONDITION
 HEAD SPACE ABSENT _____
 DECHLORINATED IN LAB _____
 PRESERVATION _____
 APPROPRIATE CONTAINERS
 PERSERVED IN LAB _____
 VOAS _____ O&G _____ METALS _____ OTHER _____



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Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #9-4800; Chevron	Date Sampled: 04/14/04
		Date Received: 04/15/04
	Client Contact: Tom Sparrowe	Date Reported: 04/16/04
	Client P.O.:	Date Completed: 04/16/04

WorkOrder: 0404205

April 16, 2004

Dear Tom:

Enclosed are:

- 1). the results of 1 analyzed sample from your **#9-4800; Chevron project**,
- 2). a QC report for the above sample
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager



QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0404205

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 11104		Spiked Sample ID: 0404175-001A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) ^E	0.12	0.60	78.8	80.7	1.89	99.6	99.7	0.109	70	130
MTBE	ND	0.10	94.6	93.2	1.49	96.5	93.1	3.54	70	130
Benzene	ND	0.10	100	117	15.1	111	108	2.80	70	130
Toluene	ND	0.10	85	98	14.2	95.5	93.6	2.04	70	130
Ethylbenzene	ND	0.10	106	115	8.01	115	113	1.67	70	130
Xylenes	ND	0.30	96.3	103	7.01	103	100	3.28	70	130
%SS:	110	0.10	83.4	97.6	15.7	103	95.3	7.77	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

^E TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404205

EPA Method: SW8015C		Extraction: SW3550C		BatchID: 11107		Spiked Sample ID: 0404186-001A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	103	97	5.95	97.6	98.8	1.22	70	130
%SS:	98.5	50	99	96.7	2.35	96.7	97.6	0.952	70	130
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

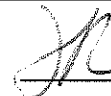
% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer



QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0404205

EPA Method: 6010C		Extraction: SW3050B			BatchID: 11111		Spiked Sample ID: 0404204-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	6.20	50	92.1	95.1	2.88	110	113	2.42	80	120
%SS:	107	250	106	101	5.01	118	114	2.93	80	120
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0404205

ClientID: CETE

Report to:

Tom Sparrowe
 Cambria Env. Technology
 5900 Hollis St, Suite A
 Emeryville, CA 94608

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #9-4800; Chevron
 PO:

Bill to:

Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT:

1 day

Date Received:

4/15/04

Date Printed:

4/15/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)															
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0404205-001	S-4	Soil	4/14/04 3:00:00 PM	<input type="checkbox"/>	A	A	A													

Test Legend:

1	G-MBTEX_S	2	PB_S	3	TPH(D)_S	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Maria Venegas

Comments: 24hr Rush

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



McC Campbell Analytical, Inc.

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Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #516-1966; 9-4800 Oakland	Date Sampled: 04/12/04
		Date Received: 04/13/04
	Client Contact: Tom Sparrowe	Date Reported: 04/14/04
	Client P.O.:	Date Completed: 04/14/04

WorkOrder: 0404159

April 14, 2004

Dear Tom:

Enclosed are:

- 1). the results of 5 analyzed samples from your #516-1966; 9-4800 Oakland project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #516-1966; 9-4800 Oakland	Date Sampled: 04/12/04-04/13/04
	Client Contact: Tom Sparrowe	Date Received: 04/13/04
	Client P.O.:	Date Analyzed: 04/14/04
		Date Extracted: 04/13/04

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404159

Lab ID	0404159-003A	0404159-004A	0404159-005A		Reporting Limit for DF =1
Client ID	P-3	P-10	P-11		
Matrix	S	S	S		
DF	20	10	4		

Compound	Concentration			µg/Kg	ug/L
tert-Amyl methyl ether (TAME)	ND<100	ND<50	ND<20	5.0	NA
t-Butyl alcohol (TBA)	ND<500	330	140	25	NA
Diisopropyl ether (DIPE)	ND<100	ND<50	ND<20	5.0	NA
Ethyl tert-butyl ether (ETBE)	ND<100	ND<50	ND<20	5.0	NA
Methyl-t-butyl ether (MTBE)	2200	620	470	5.0	NA

Surrogate Recoveries (%)

%SS:	95.0	93.3	93.9		
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Comments

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0404159

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 11080			Spiked Sample ID: 0404157-019A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	ND	0.60	102	101	1.33	101	95.3	5.44	70	130
MTBE	ND	0.10	91.6	91.7	0.0732	103	112	8.19	70	130
Benzene	ND	0.10	110	111	0.250	107	112	4.90	70	130
Toluene	ND	0.10	94.8	92.5	2.53	89.4	95.8	6.91	70	130
Ethylbenzene	ND	0.10	114	109	4.10	104	99.9	4.31	70	130
Xylenes	ND	0.30	100	99.7	0.334	95.7	96.7	1.04	70	130
%SS:	96.1	0.10	102	89.3	13.3	96.8	110	12.8	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404159

EPA Method: SW8015C		Extraction: SW3550C			BatchID: 11089		Spiked Sample ID: 0404157-008A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	101	101	0	101	101	0	70	130
%SS:	102	50	98.5	98.6	0.0663	97	97.4	0.407	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



QC SUMMARY REPORT FOR SW8260B

Matrix: S

WorkOrder: 0404159

EPA Method: SW8260B	Extraction: SW5030B			BatchID: 11081			Spiked Sample ID: 0404140-003A			
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND<10	50	105	104	0.883	96.6	94.1	2.65	70	130
Benzene	ND<10	50	111	112	0.687	108	107	1.65	70	130
t-Butyl alcohol (TBA)	ND<50	250	92.2	96.6	4.67	89.9	88.8	1.25	70	130
Chlorobenzene	ND<10	50	113	116	2.32	109	110	1.43	70	130
1,2-Dibromoethane (EDB)	ND<10	50	127	129	1.40	120	117	1.94	70	130
1,2-Dichloroethane (1,2-DCA)	ND<10	50	106	105	0.409	102	100	1.24	70	130
1,1-Dichloroethene	ND<10	50	106	107	1.46	106	103	3.74	70	130
Diisopropyl ether (DIPE)	ND<10	50	85.1	84	1.35	79.6	78.1	1.90	70	130
Ethyl tert-butyl ether (ETBE)	ND<10	50	93.5	91.4	2.25	86.4	83.2	3.79	70	130
Methyl-t-butyl ether (MTBE)	ND<10	50	98.8	93.8	5.21	91.9	85.4	7.34	70	130
Toluene	ND<10	50	109	111	1.97	105	103	2.28	70	130
Trichloroethene	ND<10	50	87.6	87.5	0.0588	86.7	84.5	2.64	70	130
%SS1:	97.9	50	98.7	97.2	1.51	101	98.6	2.82	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



McC Campbell Analytical, Inc.

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Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0404159

EPA Method: 6010C		Extraction: SW3050B			BatchID: 11087		Spiked Sample ID: N/A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	50	N/A	N/A	N/A	118	105	12.3	80	120
%SS:	N/A	250	N/A	N/A	N/A	103	96.8	5.76	80	120

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.


% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0404159

Report to:

Tom Sparrowe
 Cambria Env. Technology
 5900 Hollis St, Suite A
 Emeryville, CA 94608

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #516-1966; 9-4800 Oakland
 PO:

Bill to:

Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT: 1 day

Date Received: 4/13/04

Date Printed: 4/13/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0404159-001	S-10	Soil	4/13/04 4:00:00 PM	<input type="checkbox"/>		A	A	A											
0404159-002	S-11	Soil	4/13/04 4:00:00 PM	<input type="checkbox"/>		A	A	A											
0404159-003	P-3	Soil	4/13/04 4:50:00 PM	<input type="checkbox"/>	A	A	A	A											
0404159-004	P-10	Soil	4/12/04 5:20:00 PM	<input type="checkbox"/>	A	A	A	A											
0404159-005	P-11	Soil	4/12/04 5:25:00 PM	<input type="checkbox"/>	A	A	A	A											

Test Legend:

1	5-OXYS_S	2	G-MBTEX_S	3	PB_S	4	TPH(D)_S	5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

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



McC Campbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #51E-1966; 9-4800 Oakland	Date Sampled: 04/15/04
		Date Received: 04/15/04
	Client Contact: Tom Sparrowe	Date Reported: 04/16/04
	Client P.O.:	Date Completed: 04/16/04

WorkOrder: 0404204

April 16, 2004

Dear Tom:

Enclosed are:

- 1). the results of **3** analyzed samples from your **#51E-1966; 9-4800 Oakland project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #51E-1966; 9-4800	Date Sampled: 04/15/04
	Oakland	Date Received: 04/15/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/15/04
	Client P.O.:	Date Analyzed: 04/15/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404204

Lab ID	0404204-001A
Client ID	P-3
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	20	50	Acrolein (Propenal)	ND<1000	20	50
Acrylonitrile	ND<400	20	20	tert-Amyl methyl ether (TAME)	ND<100	20	5.0
Benzene	ND<100	20	5.0	Bromobenzene	ND<100	20	5.0
Bromochloromethane	ND<100	20	5.0	Bromodichloromethane	ND<100	20	5.0
Bromoform	ND<100	20	5.0	Bromomethane	ND<100	20	5.0
2-Butanone (MEK)	ND<200	20	10	t-Butyl alcohol (TBA)	ND<500	20	25
n-Butyl benzene	ND<100	20	5.0	sec-Butyl benzene	ND<100	20	5.0
tert-Butyl benzene	ND<100	20	5.0	Carbon Disulfide	ND<100	20	5.0
Carbon Tetrachloride	ND<100	20	5.0	Chlorobenzene	ND<100	20	5.0
Chloroethane	ND<100	20	5.0	2-Chloroethyl Vinyl Ether	ND<200	20	10
Chloroform	ND<100	20	5.0	Chloromethane	ND<100	20	5.0
2-Chlorotoluene	ND<100	20	5.0	4-Chlorotoluene	ND<100	20	5.0
Dibromochloromethane	ND<100	20	5.0	1,2-Dibromo-3-chloropropane	ND<100	20	5.0
1,2-Dibromoethane (EDB)	ND<100	20	5.0	Dibromomethane	ND<100	20	5.0
1,2-Dichlorobenzene	ND<100	20	5.0	1,3-Dichlorobenzene	ND<100	20	5.0
1,4-Dichlorobenzene	ND<100	20	5.0	Dichlorodifluoromethane	ND<100	20	5.0
1,1-Dichloroethane	ND<100	20	5.0	1,2-Dichloroethane (1,2-DCA)	ND<100	20	5.0
1,1-Dichloroethene	ND<100	20	5.0	cis-1,2-Dichloroethene	ND<100	20	5.0
trans-1,2-Dichloroethene	ND<100	20	5.0	1,2-Dichloropropane	ND<100	20	5.0
1,3-Dichloropropane	ND<100	20	5.0	2,2-Dichloropropane	ND<100	20	5.0
1,1-Dichloropropene	ND<100	20	5.0	cis-1,3-Dichloropropene	ND<100	20	5.0
trans-1,3-Dichloropropene	ND<100	20	5.0	Diisopropyl ether (DIPE)	ND<100	20	5.0
Ethylbenzene	ND<100	20	5.0	Ethyl tert-butyl ether (ETBE)	ND<100	20	5.0
Hexachlorobutadiene	ND<100	20	5.0	Hexachloroethane	ND<100	20	5.0
2-Hexanone	ND<100	20	5.0	Isopropylbenzene	ND<100	20	5.0
4-Isopropyl toluene	ND<100	20	5.0	Methyl-t-butyl ether (MTBE)	2800	20	5.0
Methylene chloride	ND<100	20	5.0	4-Methyl-2-pentanone (MIBK)	ND<100	20	5.0
Naphthalene	ND<100	20	5.0	Nitrobenzene	ND<2000	20	100
n-Propyl benzene	ND<100	20	5.0	Styrene	ND<100	20	5.0
1,1,1,2-Tetrachloroethane	ND<100	20	5.0	1,1,2,2-Tetrachloroethane	ND<100	20	5.0
Tetrachloroethene	ND<100	20	5.0	Toluene	ND<100	20	5.0
1,2,3-Trichlorobenzene	ND<100	20	5.0	1,2,4-Trichlorobenzene	ND<100	20	5.0
1,1,1-Trichloroethane	ND<100	20	5.0	1,1,2-Trichloroethane	ND<100	20	5.0
Trichloroethene	ND<100	20	5.0	Trichlorofluoromethane	ND<100	20	5.0
1,2,3-Trichloropropane	ND<100	20	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<2000	20	100
1,2,4-Trimethylbenzene	ND<100	20	5.0	1,3,5-Trimethylbenzene	ND<100	20	5.0
Vinyl Chloride	ND<100	20	5.0	Xylenes	ND<100	20	5.0

Surrogate Recoveries (%)

%SS1:	98.5	%SS2:	100
%SS3:	122		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #51E-1966; 9-4800	Date Sampled: 04/15/04
	Oakland	Date Received: 04/15/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/15/04
	Client P.O.:	Date Analyzed: 04/15/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404204

Lab ID	0404204-002A
Client ID	P-10
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<5000	100	50	Acrolein (Propenal)	ND<5000	100	50
Acrylonitrile	ND<2000	100	20	tert-Amyl methyl ether (TAME)	ND<500	100	5.0
Benzene	ND<500	100	5.0	Bromobenzene	ND<500	100	5.0
Bromochloromethane	ND<500	100	5.0	Bromodichloromethane	ND<500	100	5.0
Bromoform	ND<500	100	5.0	Bromomethane	ND<500	100	5.0
2-Butanone (MEK)	ND<1000	100	10	t-Butyl alcohol (TBA)	ND<2500	100	25
n-Butyl benzene	ND<500	100	5.0	sec-Butyl benzene	ND<500	100	5.0
tert-Butyl benzene	ND<500	100	5.0	Carbon Disulfide	ND<500	100	5.0
Carbon Tetrachloride	ND<500	100	5.0	Chlorobenzene	ND<500	100	5.0
Chloroethane	ND<500	100	5.0	2-Chloroethyl Vinyl Ether	ND<1000	100	10
Chloroform	ND<500	100	5.0	Chloromethane	ND<500	100	5.0
2-Chlorotoluene	ND<500	100	5.0	4-Chlorotoluene	ND<500	100	5.0
Dibromochloromethane	ND<500	100	5.0	1,2-Dibromo-3-chloropropane	ND<500	100	5.0
1,2-Dibromoethane (EDB)	ND<500	100	5.0	Dibromomethane	ND<500	100	5.0
1,2-Dichlorobenzene	ND<500	100	5.0	1,3-Dichlorobenzene	ND<500	100	5.0
1,4-Dichlorobenzene	ND<500	100	5.0	Dichlorodifluoromethane	ND<500	100	5.0
1,1-Dichloroethane	ND<500	100	5.0	1,2-Dichloroethane (1,2-DCA)	ND<500	100	5.0
1,1-Dichloroethene	ND<500	100	5.0	cis-1,2-Dichloroethene	ND<500	100	5.0
trans-1,2-Dichloroethene	ND<500	100	5.0	1,2-Dichloropropane	ND<500	100	5.0
1,3-Dichloropropane	ND<500	100	5.0	2,2-Dichloropropane	ND<500	100	5.0
1,1-Dichloropropene	ND<500	100	5.0	cis-1,3-Dichloropropene	ND<500	100	5.0
trans-1,3-Dichloropropene	ND<500	100	5.0	Diisopropyl ether (DIPE)	ND<500	100	5.0
Ethylbenzene	ND<500	100	5.0	Ethyl tert-butyl ether (ETBE)	ND<500	100	5.0
Hexachlorobutadiene	ND<500	100	5.0	Hexachloroethane	ND<500	100	5.0
2-Hexanone	ND<500	100	5.0	Isopropylbenzene	ND<500	100	5.0
4-Isopropyl toluene	ND<500	100	5.0	Methyl-t-butyl ether (MTBE)	6300	100	5.0
Methylene chloride	ND<500	100	5.0	4-Methyl-2-pentanone (MIBK)	ND<500	100	5.0
Naphthalene	ND<500	100	5.0	Nitrobenzene	ND<10,000	100	100
n-Propyl benzene	ND<500	100	5.0	Styrene	ND<500	100	5.0
1,1,1,2-Tetrachloroethane	ND<500	100	5.0	1,1,2,2-Tetrachloroethane	ND<500	100	5.0
Tetrachloroethene	ND<500	100	5.0	Toluene	ND<500	100	5.0
1,2,3-Trichlorobenzene	ND<500	100	5.0	1,2,4-Trichlorobenzene	ND<500	100	5.0
1,1,1-Trichloroethane	ND<500	100	5.0	1,1,2-Trichloroethane	ND<500	100	5.0
Trichloroethene	ND<500	100	5.0	Trichlorofluoromethane	ND<500	100	5.0
1,2,3-Trichloropropane	ND<500	100	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<10,000	100	100
1,2,4-Trimethylbenzene	ND<500	100	5.0	1,3,5-Trimethylbenzene	ND<500	100	5.0
Vinyl Chloride	ND<500	100	5.0	Xylenes	ND<500	100	5.0

Surrogate Recoveries (%)

%SS1:	99.7	%SS2:	98.9
%SS3:	101		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #51E-1966; 9-4800	Date Sampled: 04/15/04
	Oakland	Date Received: 04/15/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/15/04
	Client P.O.:	Date Analyzed: 04/15/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404204

Lab ID	0404204-003A
Client ID	P-11
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	20	50	Acrolein (Propenal)	ND<1000	20	50
Acrylonitrile	ND<400	20	20	tert-Amyl methyl ether (TAME)	ND<100	20	5.0
Benzene	ND<100	20	5.0	Bromobenzene	ND<100	20	5.0
Bromochloromethane	ND<100	20	5.0	Bromodichloromethane	ND<100	20	5.0
Bromoform	ND<100	20	5.0	Bromomethane	ND<100	20	5.0
2-Butanone (MEK)	ND<200	20	10	t-Butyl alcohol (TBA)	ND<500	20	25
n-Butyl benzene	ND<100	20	5.0	sec-Butyl benzene	ND<100	20	5.0
tert-Butyl benzene	ND<100	20	5.0	Carbon Disulfide	ND<100	20	5.0
Carbon Tetrachloride	ND<100	20	5.0	Chlorobenzene	ND<100	20	5.0
Chloroethane	ND<100	20	5.0	2-Chloroethyl Vinyl Ether	ND<200	20	10
Chloroform	ND<100	20	5.0	Chloromethane	ND<100	20	5.0
2-Chlorotoluene	ND<100	20	5.0	4-Chlorotoluene	ND<100	20	5.0
Dibromochloromethane	ND<100	20	5.0	1,2-Dibromo-3-chloropropane	ND<100	20	5.0
1,2-Dibromoethane (EDB)	ND<100	20	5.0	Dibromomethane	ND<100	20	5.0
1,2-Dichlorobenzene	ND<100	20	5.0	1,3-Dichlorobenzene	ND<100	20	5.0
1,4-Dichlorobenzene	ND<100	20	5.0	Dichlorodifluoromethane	ND<100	20	5.0
1,1-Dichloroethane	ND<100	20	5.0	1,2-Dichloroethane (1,2-DCA)	ND<100	20	5.0
1,1-Dichloroethene	ND<100	20	5.0	cis-1,2-Dichloroethene	ND<100	20	5.0
trans-1,2-Dichloroethene	ND<100	20	5.0	1,2-Dichloropropane	ND<100	20	5.0
1,3-Dichloropropane	ND<100	20	5.0	2,2-Dichloropropane	ND<100	20	5.0
1,1-Dichloropropene	ND<100	20	5.0	cis-1,3-Dichloropropene	ND<100	20	5.0
trans-1,3-Dichloropropene	ND<100	20	5.0	Diisopropyl ether (DIPE)	ND<100	20	5.0
Ethylbenzene	ND<100	20	5.0	Ethyl tert-butyl ether (ETBE)	ND<100	20	5.0
Hexachlorobutadiene	ND<100	20	5.0	Hexachloroethane	ND<100	20	5.0
2-Hexanone	ND<100	20	5.0	Isopropylbenzene	ND<100	20	5.0
4-Isopropyl toluene	ND<100	20	5.0	Methyl-t-butyl ether (MTBE)	2600	20	5.0
Methylene chloride	ND<100	20	5.0	4-Methyl-2-pentanone (MIBK)	ND<100	20	5.0
Naphthalene	ND<100	20	5.0	Nitrobenzene	ND<2000	20	100
n-Propyl benzene	ND<100	20	5.0	Styrene	ND<100	20	5.0
1,1,1,2-Tetrachloroethane	ND<100	20	5.0	1,1,2,2-Tetrachloroethane	ND<100	20	5.0
Tetrachloroethene	ND<100	20	5.0	Toluene	ND<100	20	5.0
1,2,3-Trichlorobenzene	ND<100	20	5.0	1,2,4-Trichlorobenzene	ND<100	20	5.0
1,1,1-Trichloroethane	ND<100	20	5.0	1,1,2-Trichloroethane	ND<100	20	5.0
Trichloroethene	ND<100	20	5.0	Trichlorofluoromethane	ND<100	20	5.0
1,2,3-Trichloropropane	ND<100	20	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<2000	20	100
1,2,4-Trimethylbenzene	ND<100	20	5.0	1,3,5-Trimethylbenzene	ND<100	20	5.0
Vinyl Chloride	ND<100	20	5.0	Xylenes	ND<100	20	5.0

Surrogate Recoveries (%)

%SS1:	95.7	%SS2:	98.7
%SS3:	110		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0404204

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 11104			Spiked Sample ID: 0404175-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	0.12	0.60	78.8	80.7	1.89	99.6	99.7	0.109	70	130
MTBE	ND	0.10	94.6	93.2	1.49	96.5	93.1	3.54	70	130
Benzene	ND	0.10	100	117	15.1	111	108	2.80	70	130
Toluene	ND	0.10	85	98	14.2	95.5	93.6	2.04	70	130
Ethylbenzene	ND	0.10	106	115	8.01	115	113	1.67	70	130
Xylenes	ND	0.30	96.3	103	7.01	103	100	3.28	70	130
%SS:	110	0.10	83.4	97.6	15.7	103	95.3	7.77	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

$\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



McC Campbell Analytical, Inc.

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Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404204

EPA Method: SW8015C		Extraction: SW3550C			BatchID: 11107			Spiked Sample ID: 0404186-001A		
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	103	97	5.95	97.6	98.8	1.22	70	130
%SS:	98.5	50	99	96.7	2.35	96.7	97.6	0.952	70	130
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

SH QA/QC Officer



QC SUMMARY REPORT FOR SW8260B

Matrix: S

WorkOrder: 0404204

EPA Method: SW8260B		Extraction: SW5030B		BatchID: 11122			Spiked Sample ID: 0404223-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	92.5	93	0.615	104	111	6.24	70	130
Benzene	ND	50	114	114	0	118	125	5.46	70	130
t-Butyl alcohol (TBA)	ND	250	87	88.2	1.43	109	117	6.98	70	130
Chlorobenzene	ND	50	102	103	0.898	105	111	5.49	70	130
1,2-Dibromoethane (EDB)	ND	50	95.9	96.4	0.549	107	113	6.17	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	108	107	0.142	117	123	4.62	70	130
1,1-Dichloroethene	ND	50	96.1	99.3	3.30	115	121	4.49	70	130
Diisopropyl ether (DIPE)	ND	50	97.3	97.9	0.596	103	111	7.24	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	92.3	93.1	0.767	105	112	6.86	70	130
Methyl-t-butyl ether (MTBE)	ND	50	89.7	90.1	0.391	108	114	5.08	70	130
Toluene	ND	50	99.5	102	2.08	106	113	6.11	70	130
Trichloroethene	ND	50	81.8	82	0.258	90.5	95.9	5.87	70	130
%SS1:	94.0	50	97.6	97.6	0	104	103	1.17	70	130
%SS2:	105	50	98.3	100	2.06	100	101	0.493	70	130
%SS3:	108	50	102	103	0.728	104	102	2.14	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



McC Campbell Analytical, Inc.

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QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0404204

EPA Method: 6010C		Extraction: SW3050B			BatchID: 11111			Spiked Sample ID: 0404204-001A		
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	6.20	50	92.1	95.1	2.88	110	113	2.42	80	120
%SS:	107	250	106	101	5.01	118	114	2.93	80	120

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.


% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0404204

ClientID: CETE

Report to:

Tom Sparrowe
 Cambria Env. Technology
 5900 Hollis St, Suite A
 Emeryville, CA 94608

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #51E-1966; 9-4800 Oakland
 PO:

Bill to:

Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT: 1 day

Date Received: 4/15/04

Date Printed: 4/15/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0404204-001	P-3	Soil	4/15/04 9:15:00 AM	<input type="checkbox"/>	A	A	A	A											
0404204-002	P-10	Soil	4/15/04 9:25:00 AM	<input type="checkbox"/>	A	A	A	A											
0404204-003	P-11	Soil	4/15/04 9:35:00 AM	<input type="checkbox"/>	A	A	A	A											

Test Legend:

1	8260B_S	2	G-MBTX_S	3	PB_S	4	TPH(D)_S	5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

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

cel

RUSH!

0404204

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Tom Sparrowe Bill To: Cambria Env
 Company: Cambria Environmental
5900 Hollis St., Ste A.
Emeryville, CA E-Mail: tsparrowe@cambria-env.com
 Tele: (510) 420-3316 Fax: (510) 420-9170
 Project #: 51E-1966 Project Name: 9-4800 Oakland
 Project Location: 1700 Castro St., Oakland, CA
 Sampler Signature: [Signature]

Analysis Request

Other

Comments

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				Other	Comments	
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other			
P-3	14'	4/15/04	0905	1	DR23	X	X					X	X				
P-10	12'	↓	0925	1	↓	X	X					X	X				
P-11	12'	↓	0935	1	↓	X	X					X	X				

Analysis Request:
 Total Petroleum Oil & Grease (5520 E&F/B&F)
 Total Petroleum Hydrocarbons (418.1)
 EPA 601 / 8010
 BTEX ONLY (EPA 602 / 8020)
 EPA 608 / 8080
 EPA 608 / 8080 PCB's ONLY
 EPA 624 / 8240 (8260) MTBE + VOC's
 EPA 625 / 8270
 PAH's / PNA's by EPA 625 / 8270 / 8310
 CAM-17 Metals
 LUFT 5 Metals
 Lead (7240/7421/239 T/6010)
 RCI
 TPH as gasoline (8015)

Relinquished By: [Signature] Date: 4/15/04 Time: 1:39pm Received By: [Signature]
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/PC PRESERVATION
 GOOD CONDITION APPROPRIATE CONTAINERS
 HEAD SPACE ABSENT DECHLORINATED IN LAB PERSERVED IN LAB
 VOAS O&G METALS OTHER



McC Campbell Analytical, Inc.

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Website: www.mccampbell.com E-mail: main@mccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Reported: 04/09/04
	Client P.O.:	Date Completed: 04/09/04

WorkOrder: 0404098

April 09, 2004

Dear Tom:

Enclosed are:

- 1). the results of **8** analyzed samples from your **#31E-1966; 9-4800 project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

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 Website: www.mccampbell.com E-mail: main@mccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C

Analytical methods: SW8015C

Work Order: 0404098

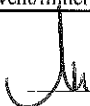
Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0404098-001A	T-1	S	1.3,a	1	94.9
0404098-002A	T-2	S	210,a	1	105
0404098-003A	T-3	S	710,a	1	107
0404098-004A	T-4	S	1100,a	10	99.6
0404098-005A	T-5	S	180,d,g,b	2	106
0404098-006A	T-6	S	490,d,g	10	84.7
0404098-007A	T-7	S	23,a	1	94.9
0404098-008A	T-8	S	1700,a	20	84.4

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404098

Lab ID	0404098-001A
Client ID	T-1
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	ND	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	82.2	%SS2:	98.8
%SS3:	111		

Comments:

* water and vapor samples and all TCLP & SPL extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404098

Lab ID	0404098-002A
Client ID	T-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	32	1.0	5.0	sec-Butyl benzene	29	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	7.6	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	84.3	%SS2:	97.2
%SS3:	105		

Comments:

* water and vapor samples and all TCLP & SPL extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404098

Lab ID	0404098-003A
Client ID	T-3
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	32	1.0	5.0	sec-Butyl benzene	22	1.0	5.0
tert-Butyl benzene	20	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	8.8	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	84.6	%SS2:	98.6
%SS3:	105		


Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

 Angela Rydelius, Lab Manager



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
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	Client P.O.:	Date Analyzed: 04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404098

Lab ID	0404098-004A
Client ID	T-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	80	1.0	5.0	sec-Butyl benzene	95	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	13	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	20	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	34	1.0	5.0	1,3,5-Trimethylbenzene	6.4	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	85.4	%SS2:	99.1
%SS3:	106		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404098

Lab ID	0404098-005A
Client ID	T-5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	20	50	Acrolein (Propenal)	ND<1000	20	50
Acrylonitrile	ND<400	20	20	tert-Amyl methyl ether (TAME)	ND<100	20	5.0
Benzene	ND<100	20	5.0	Bromobenzene	ND<100	20	5.0
Bromochloromethane	ND<100	20	5.0	Bromodichloromethane	ND<100	20	5.0
Bromoform	ND<100	20	5.0	Bromomethane	ND<100	20	5.0
2-Butanone (MEK)	ND<200	20	10	t-Butyl alcohol (TBA)	ND<500	20	25
n-Butyl benzene	2000	20	5.0	sec-Butyl benzene	690	20	5.0
tert-Butyl benzene	450	20	5.0	Carbon Disulfide	ND<100	20	5.0
Carbon Tetrachloride	ND<100	20	5.0	Chlorobenzene	ND<100	20	5.0
Chloroethane	ND<100	20	5.0	2-Chloroethyl Vinyl Ether	ND<200	20	10
Chloroform	ND<100	20	5.0	Chloromethane	ND<100	20	5.0
2-Chlorotoluene	ND<100	20	5.0	4-Chlorotoluene	ND<100	20	5.0
Dibromochloromethane	ND<100	20	5.0	1,2-Dibromo-3-chloropropane	ND<100	20	5.0
1,2-Dibromoethane (EDB)	ND<100	20	5.0	Dibromomethane	ND<100	20	5.0
1,2-Dichlorobenzene	ND<100	20	5.0	1,3-Dichlorobenzene	ND<100	20	5.0
1,4-Dichlorobenzene	ND<100	20	5.0	Dichlorodifluoromethane	ND<100	20	5.0
1,1-Dichloroethane	ND<100	20	5.0	1,2-Dichloroethane (1,2-DCA)	ND<100	20	5.0
1,1-Dichloroethene	ND<100	20	5.0	cis-1,2-Dichloroethene	ND<100	20	5.0
trans-1,2-Dichloroethene	ND<100	20	5.0	1,2-Dichloropropane	ND<100	20	5.0
1,3-Dichloropropane	ND<100	20	5.0	2,2-Dichloropropane	ND<100	20	5.0
1,1-Dichloropropene	ND<100	20	5.0	cis-1,3-Dichloropropene	ND<100	20	5.0
trans-1,3-Dichloropropene	ND<100	20	5.0	Diisopropyl ether (DIPE)	ND<100	20	5.0
Ethylbenzene	2100	20	5.0	Ethyl tert-butyl ether (ETBE)	ND<100	20	5.0
Hexachlorobutadiene	ND<100	20	5.0	Hexachloroethane	ND<100	20	5.0
2-Hexanone	ND<100	20	5.0	Isopropylbenzene	840	20	5.0
4-Isopropyl toluene	130	20	5.0	Methyl-t-butyl ether (MTBE)	ND<100	20	5.0
Methylene chloride	ND<100	20	5.0	4-Methyl-2-pentanone (MIBK)	ND<100	20	5.0
Naphthalene	2200	20	5.0	Nitrobenzene	ND<2000	20	100
n-Propyl benzene	4000	20	5.0	Styrene	ND<100	20	5.0
1,1,1,2-Tetrachloroethane	ND<100	20	5.0	1,1,2,2-Tetrachloroethane	ND<100	20	5.0
Tetrachloroethene	ND<100	20	5.0	Toluene	ND<100	20	5.0
1,2,3-Trichlorobenzene	ND<100	20	5.0	1,2,4-Trichlorobenzene	ND<100	20	5.0
1,1,1-Trichloroethane	ND<100	20	5.0	1,1,2-Trichloroethane	ND<100	20	5.0
Trichloroethene	ND<100	20	5.0	Trichlorofluoromethane	ND<100	20	5.0
1,2,3-Trichloropropane	ND<100	20	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<2000	20	100
1,2,4-Trimethylbenzene	700	20	5.0	1,3,5-Trimethylbenzene	ND<100	20	5.0
Vinyl Chloride	ND<100	20	5.0	Xylenes	ND<100	20	5.0

Surrogate Recoveries (%)

%SS1:	97.8	%SS2:	95.8
%SS3:	98.9		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404098

Lab ID	0404098-006A
Client ID	T-6
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<20,000	400	50	Acrolein (Propenal)	ND<20,000	400	50
Acrylonitrile	ND<8000	400	20	tert-Amyl methyl ether (TAME)	ND<2000	400	5.0
Benzene	ND<2000	400	5.0	Bromobenzene	ND<2000	400	5.0
Bromochloromethane	ND<2000	400	5.0	Bromodichloromethane	ND<2000	400	5.0
Bromoform	ND<2000	400	5.0	Bromomethane	ND<2000	400	5.0
2-Butanone (MEK)	ND<4000	400	10	t-Butyl alcohol (TBA)	ND<10,000	400	25
n-Butyl benzene	7000	400	5.0	sec-Butyl benzene	2200	400	5.0
tert-Butyl benzene	ND<2000	400	5.0	Carbon Disulfide	ND<2000	400	5.0
Carbon Tetrachloride	ND<2000	400	5.0	Chlorobenzene	ND<2000	400	5.0
Chloroethane	ND<2000	400	5.0	2-Chloroethyl Vinyl Ether	ND<4000	400	10
Chloroform	ND<2000	400	5.0	Chloromethane	ND<2000	400	5.0
2-Chlorotoluene	ND<2000	400	5.0	4-Chlorotoluene	ND<2000	400	5.0
Dibromochloromethane	ND<2000	400	5.0	1,2-Dibromo-3-chloropropane	ND<2000	400	5.0
1,2-Dibromoethane (EDB)	ND<2000	400	5.0	Dibromomethane	ND<2000	400	5.0
1,2-Dichlorobenzene	ND<2000	400	5.0	1,3-Dichlorobenzene	ND<2000	400	5.0
1,4-Dichlorobenzene	ND<2000	400	5.0	Dichlorodifluoromethane	ND<2000	400	5.0
1,1-Dichloroethane	ND<2000	400	5.0	1,2-Dichloroethane (1,2-DCA)	ND<2000	400	5.0
1,1-Dichloroethene	ND<2000	400	5.0	cis-1,2-Dichloroethene	ND<2000	400	5.0
trans-1,2-Dichloroethene	ND<2000	400	5.0	1,2-Dichloropropane	ND<2000	400	5.0
1,3-Dichloropropane	ND<2000	400	5.0	2,2-Dichloropropane	ND<2000	400	5.0
1,1-Dichloropropene	ND<2000	400	5.0	cis-1,3-Dichloropropene	ND<2000	400	5.0
trans-1,3-Dichloropropene	ND<2000	400	5.0	Diisopropyl ether (DIPE)	ND<2000	400	5.0
Ethylbenzene	16,000	400	5.0	Ethyl tert-butyl ether (ETBE)	ND<2000	400	5.0
Hexachlorobutadiene	ND<2000	400	5.0	Hexachloroethane	ND<2000	400	5.0
2-Hexanone	ND<2000	400	5.0	Isopropylbenzene	3300	400	5.0
4-Isopropyl toluene	ND<2000	400	5.0	Methyl-t-butyl ether (MTBE)	ND<2000	400	5.0
Methylene chloride	ND<2000	400	5.0	4-Methyl-2-pentanone (MIBK)	ND<2000	400	5.0
Naphthalene	12,000	400	5.0	Nitrobenzene	ND<40,000	400	100
n-Propyl benzene	13,000	400	5.0	Styrene	ND<2000	400	5.0
1,1,1,2-Tetrachloroethane	ND<2000	400	5.0	1,1,2,2-Tetrachloroethane	ND<2000	400	5.0
Tetrachloroethene	ND<2000	400	5.0	Toluene	ND<2000	400	5.0
1,2,3-Trichlorobenzene	ND<2000	400	5.0	1,2,4-Trichlorobenzene	ND<2000	400	5.0
1,1,1-Trichloroethane	ND<2000	400	5.0	1,1,2-Trichloroethane	ND<2000	400	5.0
Trichloroethene	ND<2000	400	5.0	Trichlorofluoromethane	ND<2000	400	5.0
1,2,3-Trichloropropane	ND<2000	400	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<40,000	400	100
1,2,4-Trimethylbenzene	95,000	400	5.0	1,3,5-Trimethylbenzene	19,000	400	5.0
Vinyl Chloride	ND<2000	400	5.0	Xylenes	10,000	400	5.0

Surrogate Recoveries (%)

%SS1:	93.4	%SS2:	92.0
%SS3:	108		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404098

Lab ID	0404098-007A
Client ID	T-7
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	10	1.0	5.0	sec-Butyl benzene	5.5	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	8.2	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	26	1.0	5.0	1,3,5-Trimethylbenzene	5.5	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	85.9	%SS2:	100
%SS3:	107		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

Angela Rydelius, Lab Manager



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404098

Lab ID	0404098-008A
Client ID	T-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	97	1.0	5.0	sec-Butyl benzene	130	1.0	5.0
tert-Butyl benzene	14	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	58	1.0	5.0
4-Isopropyl toluene	17	1.0	5.0	Methyl-t-butyl ether (MTBE)	21	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	90	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	140	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	96.6	%SS2:	102
%SS3:	110		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



McC Campbell Analytical, Inc.

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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Lead by ICP*

Extraction method: SW3050B

Analytical methods: 6010C

Work Order: 0404098

Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0404098-001A	T-1	S	TTLC	ND	1	104
0404098-002A	T-2	S	TTLC	ND	1	104
0404098-003A	T-3	S	TTLC	ND	1	108
0404098-004A	T-4	S	TTLC	ND	1	99.2
0404098-005A	T-5	S	TTLC	5.9	1	109
0404098-006A	T-6	S	TTLC	5.3	1	106
0404098-007A	T-7	S	TTLC	ND	1	103
0404098-008A	T-8	S	TTLC	ND	1	104

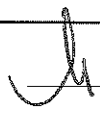
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	mg/L
	S	TTLC	5.0	mg/Kg

*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate recovery outside of acceptance range due to matrix interference; & means surrogate diluted out of acceptance range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water/liquid- Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipe/filter - As, Se, Tl); 7471B (Hg).

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; j) reporting limit raised due to insufficient sample amount; k) results are reported by dry weight; y) estimated values due to low surrogate recovery; z) reporting limit raised due to matrix interference.

 Angela Rydelius, Lab Manager



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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0404098

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 11049			Spiked Sample ID: 0404091-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	ND	0.60	99.8	99.7	0.0107	102	97.7	4.30	70	130
MTBE	ND	0.10	97.7	97.9	0.207	98.3	98.6	0.321	70	130
Benzene	ND	0.10	100	103	3.02	101	102	0.364	70	130
Toluene	ND	0.10	86.6	89.2	2.94	87.4	88.4	1.19	70	130
Ethylbenzene	ND	0.10	106	108	2.12	107	109	1.73	70	130
Xylenes	ND	0.30	95.7	96	0.348	95.7	96.3	0.694	70	130
%SS:	98.2	0.10	94.5	80.5	16.0	84.3	89.3	5.76	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
 NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

JR QA/QC Officer



QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0404098

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 11053			Spiked Sample ID: 0404099-004A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	ND	0.60	101	102	0.899	99.6	100	0.527	70	130
MTBE	ND	0.10	94.1	94.9	0.823	98.6	104	4.97	70	130
Benzene	ND	0.10	105	108	2.08	102	110	7.61	70	130
Toluene	ND	0.10	89.9	93.2	3.67	88.2	94.5	6.97	70	130
Ethylbenzene	ND	0.10	110	112	1.94	107	112	4.93	70	130
Xylenes	ND	0.30	100	100	0	95.7	100	4.43	70	130
%SS:	95.8	0.10	93.4	99.5	6.32	83.8	87.1	3.86	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404098

EPA Method: SW8015C		Extraction: SW3550C		BatchID: 11050			Spiked Sample ID: 0404091-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	96.2	94.7	1.53	98.6	101	1.91	70	130
%SS:	88.4	50	96.1	94.8	1.44	94.3	96.1	1.96	70	130
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

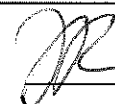
% Recovery = $100 * (MS - Sample) / (Amount\ Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer



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QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404098

EPA Method: SW8015C		Extraction: SW3550C		BatchID: 11054		Spiked Sample ID: 0404098-001A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	1.31	150	105	107	1.22	102	102	0	70	130
%SS:	94.9	50	95.7	97	1.36	98.7	98.5	0.166	70	130
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer



QC SUMMARY REPORT FOR SW8260B

Matrix: S

WorkOrder: 0404098

EPA Method: SW8260B		Extraction: SW5030B		BatchID: 11056		Spiked Sample ID: 0404098-001A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	94.8	95.1	0.273	88.9	87.5	1.65	70	130
Benzene	ND	50	106	107	0.904	113	111	2.25	70	130
t-Butyl alcohol (TBA)	ND	250	91.3	93	1.82	85.9	84.6	1.51	70	130
Chlorobenzene	ND	50	108	108	0	112	112	0	70	130
1,2-Dibromoethane (EDB)	ND	50	120	119	0.695	113	112	1.08	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	103	102	0.382	96.5	94	2.68	70	130
1,1-Dichloroethene	ND	50	96.7	103	5.88	114	111	3.01	70	130
Diisopropyl ether (DIPE)	ND	50	78.2	80.2	2.49	81.7	80.7	1.18	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	84.1	85	1.12	85	82.9	2.55	70	130
Methyl-t-butyl ether (MTBE)	ND	50	90.7	90.6	0.188	86.6	83.1	4.17	70	130
Toluene	ND	50	102	102	0	114	111	2.62	70	130
Trichloroethene	ND	50	82.9	83.6	0.841	90.4	88.8	1.78	70	130
%SS1:	82.2	50	102	102	0	98.5	97.3	1.27	70	130
%SS2:	98.8	50	99.6	99.4	0.170	105	103	1.92	70	130
%SS3:	111	50	104	105	1.66	101	102	0.783	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



QC SUMMARY REPORT FOR SW8260B

Matrix: S

WorkOrder: 0404098

EPA Method: SW8260B	Extraction: SW5030B		BatchID: 11051			Spiked Sample ID: 0404091-001A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	107	104	2.76	96.8	98.2	1.47	70	130
Benzene	ND	50	122	118	2.70	127	128	0.900	70	130
t-Butyl alcohol (TBA)	ND	250	110	104	5.24	78.1	83.1	6.18	70	130
Chlorobenzene	ND	50	112	108	3.71	106	106	0	70	130
1,2-Dibromoethane (EDB)	ND	50	122	121	1.15	96.2	98.6	2.44	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	114	111	2.98	109	112	2.94	70	130
1,1-Dichloroethene	ND	50	117	115	1.12	108	107	0.641	70	130
Diisopropyl ether (DIPE)	ND	50	95.7	92.2	3.78	105	107	1.75	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	99	94.9	4.19	96.7	97.4	0.673	70	130
Methyl-t-butyl ether (MTBE)	ND	50	107	103	3.18	95.9	96.7	0.823	70	130
Toluene	ND	50	109	107	2.33	102	103	0.407	70	130
Trichloroethene	ND	50	92.3	89.7	2.94	83.9	86	2.57	70	130
%SS1:	91.8	50	104	103	1.15	99.1	98.8	0.306	70	130
%SS2:	97.0	50	97.8	97.8	0	94	93.2	0.824	70	130
%SS3:	96.1	50	100	101	0.873	98.7	97.9	0.775	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
 NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

$\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



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QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0404098

EPA Method: 6010C		Extraction: SW3050B		BatchID: 11046			Spiked Sample ID: 0404094-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	54.55	50	NR	NR	NR	84.4	84	0.416	80	120
%SS:	109	250	105	104	0.961	100	98.6	1.61	80	120
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.


% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

 QA/QC Officer



QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0404098

EPA Method: 6010C		Extraction: SW3050B		BatchID: 11057		Spiked Sample ID: 0404097-054A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	5.39	50	105	99.7	4.73	108	104	4.20	80	120
%SS:	0	250	104	104	0	93.6	97.7	4.29	80	120
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

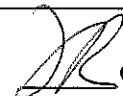
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

 QA/QC Officer

McC Campbell Analytical, Inc.



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 Pacheco, CA 94553-5560
 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0404098

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

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #31E-1966; 9-4800
 PO:

Bill to:
 Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT: 1 day
 Date Received: 4/8/04
 Date Printed: 4/8/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0404098-001	T-1	Soil	4/8/04 12:10:00 PM	<input type="checkbox"/>	A	A	A												
0404098-002	T-2	Soil	4/8/04 12:15:00 PM	<input type="checkbox"/>	A	A	A												
0404098-003	T-3	Soil	4/8/04 12:20:00 PM	<input type="checkbox"/>	A	A	A												
0404098-004	T-4	Soil	4/8/04 12:20:00 PM	<input type="checkbox"/>	A	A	A												
0404098-005	T-5	Soil	4/8/04 12:40:00 PM	<input type="checkbox"/>	A	A	A												
0404098-006	T-6	Soil	4/8/04 12:40:00 PM	<input type="checkbox"/>	A	A	A												
0404098-007	T-7	Soil	4/8/04 12:45:00 PM	<input type="checkbox"/>	A	A	A												
0404098-008	T-8	Soil	4/8/04 12:45:00 PM	<input type="checkbox"/>	A	A	A												

Test Legend:

1	8260B_S	2	G-MBTEX_S	3	PB_S	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

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



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Website: www.mccampbell.com E-mail: main@mccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Reported: 04/09/04
	Client P.O.:	Date Completed: 04/09/04

WorkOrder: 0404096

April 09, 2004

Dear Tom:

Enclosed are:

- 1). the results of 10 analyzed samples from your #31E-1966; 9-4800 project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager



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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline *

Extraction method: SW5030B

Analytical methods: SW8015Cm

Work Order: 0404096

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	P-1	S	3.1,a	1	94.7
002A	P-2	S	ND	1	95.7
003A	P-3 5'	S	200,a	20	82.7
004A	P-3 10'	S	110,a	20	93.5
005A	P-4	S	ND	1	90.1
006A	P-5	S	ND	1	83.3
007A	P-6	S	ND	1	82.4
008A	P-7	S	ND	1	90.4
009A	P-8	S	8.3,g,m	1	89.7
010A	P-9	S	ND	1	92.8

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.



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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C

Analytical methods: SW8015C

Work Order: 0404096


Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0404096-001A	P-1	S	1.5,d,f	1	91.1
0404096-002A	P-2	S	ND	1	90.8
0404096-003A	P-3 5'	S	93,d,b	1	106
0404096-004A	P-3 10'	S	45,d	1	98.1
0404096-005A	P-4	S	ND	1	95.0
0404096-006A	P-5	S	ND	1	97.7
0404096-007A	P-6	S	1.9,a	1	96.9
0404096-008A	P-7	S	ND	1	103
0404096-009A	P-8	S	54,a	1	89.9
0404096-010A	P-9	S	ND	1	89.4

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

 Angela Rydelius, Lab Manager



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-001A
Client ID	P-1
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	20	50	Acrolein (Propenal)	ND<1000	20	50
Acrylonitrile	ND<400	20	20	tert-Amyl methyl ether (TAME)	ND<100	20	5.0
Benzene	ND<100	20	5.0	Bromobenzene	ND<100	20	5.0
Bromochloromethane	ND<100	20	5.0	Bromodichloromethane	ND<100	20	5.0
Bromoform	ND<100	20	5.0	Bromomethane	ND<100	20	5.0
2-Butanone (MEK)	ND<200	20	10	t-Butyl alcohol (TBA)	1200	20	25
n-Butyl benzene	ND<100	20	5.0	sec-Butyl benzene	ND<100	20	5.0
tert-Butyl benzene	ND<100	20	5.0	Carbon Disulfide	ND<100	20	5.0
Carbon Tetrachloride	ND<100	20	5.0	Chlorobenzene	ND<100	20	5.0
Chloroethane	ND<100	20	5.0	2-Chloroethyl Vinyl Ether	ND<200	20	10
Chloroform	ND<100	20	5.0	Chloromethane	ND<100	20	5.0
2-Chlorotoluene	ND<100	20	5.0	4-Chlorotoluene	ND<100	20	5.0
Dibromochloromethane	ND<100	20	5.0	1,2-Dibromo-3-chloropropane	ND<100	20	5.0
1,2-Dibromoethane (EDB)	ND<100	20	5.0	Dibromomethane	ND<100	20	5.0
1,2-Dichlorobenzene	ND<100	20	5.0	1,3-Dichlorobenzene	ND<100	20	5.0
1,4-Dichlorobenzene	ND<100	20	5.0	Dichlorodifluoromethane	ND<100	20	5.0
1,1-Dichloroethane	ND<100	20	5.0	1,2-Dichloroethane (1,2-DCA)	ND<100	20	5.0
1,1-Dichloroethene	ND<100	20	5.0	cis-1,2-Dichloroethene	ND<100	20	5.0
trans-1,2-Dichloroethene	ND<100	20	5.0	1,2-Dichloropropane	ND<100	20	5.0
1,3-Dichloropropane	ND<100	20	5.0	2,2-Dichloropropane	ND<100	20	5.0
1,1-Dichloropropene	ND<100	20	5.0	cis-1,3-Dichloropropene	ND<100	20	5.0
trans-1,3-Dichloropropene	ND<100	20	5.0	Diisopropyl ether (DIPE)	ND<100	20	5.0
Ethylbenzene	ND<100	20	5.0	Ethyl tert-butyl ether (ETBE)	ND<100	20	5.0
Hexachlorobutadiene	ND<100	20	5.0	Hexachloroethane	ND<100	20	5.0
2-Hexanone	ND<100	20	5.0	Isopropylbenzene	ND<100	20	5.0
4-Isopropyl toluene	ND<100	20	5.0	Methyl-t-butyl ether (MTBE)	2600	20	5.0
Methylene chloride	ND<100	20	5.0	4-Methyl-2-pentanone (MIBK)	ND<100	20	5.0
Naphthalene	ND<100	20	5.0	Nitrobenzene	ND<2000	20	100
n-Propyl benzene	ND<100	20	5.0	Styrene	ND<100	20	5.0
1,1,1,2-Tetrachloroethane	ND<100	20	5.0	1,1,2,2-Tetrachloroethane	ND<100	20	5.0
Tetrachloroethene	ND<100	20	5.0	Toluene	ND<100	20	5.0
1,2,3-Trichlorobenzene	ND<100	20	5.0	1,2,4-Trichlorobenzene	ND<100	20	5.0
1,1,1-Trichloroethane	ND<100	20	5.0	1,1,2-Trichloroethane	ND<100	20	5.0
Trichloroethene	ND<100	20	5.0	Trichlorofluoromethane	ND<100	20	5.0
1,2,3-Trichloropropane	ND<100	20	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<2000	20	100
1,2,4-Trimethylbenzene	200	20	5.0	1,3,5-Trimethylbenzene	ND<100	20	5.0
Vinyl Chloride	ND<100	20	5.0	Xylenes	280	20	5.0

Surrogate Recoveries (%)

%SS1:	94.0	%SS2:	96.8
%SS3:	110		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-002A
Client ID	P-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	5.6	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	39	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	ND	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	85.5	%SS2:	100
%SS3:	109		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.





Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-003A
Client ID	P-3 5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<5000	100	50	Acrolein (Propenal)	ND<5000	100	50
Acrylonitrile	ND<2000	100	20	tert-Amyl methyl ether (TAME)	ND<500	100	5.0
Benzene	1900	100	5.0	Bromobenzene	ND<500	100	5.0
Bromochloromethane	ND<500	100	5.0	Bromodichloromethane	ND<500	100	5.0
Bromoform	ND<500	100	5.0	Bromomethane	ND<500	100	5.0
2-Butanone (MEK)	ND<1000	100	10	t-Butyl alcohol (TBA)	ND<2500	100	25
n-Butyl benzene	1300	100	5.0	sec-Butyl benzene	ND<500	100	5.0
tert-Butyl benzene	ND<500	100	5.0	Carbon Disulfide	ND<500	100	5.0
Carbon Tetrachloride	ND<500	100	5.0	Chlorobenzene	ND<500	100	5.0
Chloroethane	ND<500	100	5.0	2-Chloroethyl Vinyl Ether	ND<1000	100	10
Chloroform	ND<500	100	5.0	Chloromethane	ND<500	100	5.0
2-Chlorotoluene	ND<500	100	5.0	4-Chlorotoluene	ND<500	100	5.0
Dibromochloromethane	ND<500	100	5.0	1,2-Dibromo-3-chloropropane	ND<500	100	5.0
1,2-Dibromoethane (EDB)	ND<500	100	5.0	Dibromomethane	ND<500	100	5.0
1,2-Dichlorobenzene	ND<500	100	5.0	1,3-Dichlorobenzene	ND<500	100	5.0
1,4-Dichlorobenzene	ND<500	100	5.0	Dichlorodifluoromethane	ND<500	100	5.0
1,1-Dichloroethane	ND<500	100	5.0	1,2-Dichloroethane (1,2-DCA)	ND<500	100	5.0
1,1-Dichloroethene	ND<500	100	5.0	cis-1,2-Dichloroethene	ND<500	100	5.0
trans-1,2-Dichloroethene	ND<500	100	5.0	1,2-Dichloropropane	ND<500	100	5.0
1,3-Dichloropropane	ND<500	100	5.0	2,2-Dichloropropane	ND<500	100	5.0
1,1-Dichloropropene	ND<500	100	5.0	cis-1,3-Dichloropropene	ND<500	100	5.0
trans-1,3-Dichloropropene	ND<500	100	5.0	Diisopropyl ether (DIPE)	ND<500	100	5.0
Ethylbenzene	5500	100	5.0	Ethyl tert-butyl ether (ETBE)	ND<500	100	5.0
Hexachlorobutadiene	ND<500	100	5.0	Hexachloroethane	ND<500	100	5.0
2-Hexanone	ND<500	100	5.0	Isopropylbenzene	ND<500	100	5.0
4-Isopropyl toluene	ND<500	100	5.0	Methyl-t-butyl ether (MTBE)	12,000	100	5.0
Methylene chloride	ND<500	100	5.0	4-Methyl-2-pentanone (MIBK)	ND<500	100	5.0
Naphthalene	2200	100	5.0	Nitrobenzene	ND<10,000	100	100
n-Propyl benzene	2300	100	5.0	Styrene	ND<500	100	5.0
1,1,1,2-Tetrachloroethane	ND<500	100	5.0	1,1,2,2-Tetrachloroethane	ND<500	100	5.0
Tetrachloroethene	ND<500	100	5.0	Toluene	2300	100	5.0
1,2,3-Trichlorobenzene	ND<500	100	5.0	1,2,4-Trichlorobenzene	ND<500	100	5.0
1,1,1-Trichloroethane	ND<500	100	5.0	1,1,2-Trichloroethane	ND<500	100	5.0
Trichloroethene	ND<500	100	5.0	Trichlorofluoromethane	ND<500	100	5.0
1,2,3-Trichloropropane	ND<500	100	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<10,000	100	100
1,2,4-Trimethylbenzene	14,000	100	5.0	1,3,5-Trimethylbenzene	4600	100	5.0
Vinyl Chloride	ND<500	100	5.0	Xylenes	25,000	100	5.0

Surrogate Recoveries (%)

%SS1:	94.3	%SS2:	95.5
%SS3:	107		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-004A
Client ID	P-3 10'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<5000	100	50	Acrolein (Propenal)	ND<5000	100	50
Acrylonitrile	ND<2000	100	20	tert-Amyl methyl ether (TAME)	ND<500	100	5.0
Benzene	1200	100	5.0	Bromobenzene	ND<500	100	5.0
Bromochloromethane	ND<500	100	5.0	Bromodichloromethane	ND<500	100	5.0
Bromoform	ND<500	100	5.0	Bromomethane	ND<500	100	5.0
2-Butanone (MEK)	ND<1000	100	10	t-Butyl alcohol (TBA)	ND<2500	100	25
n-Butyl benzene	690	100	5.0	sec-Butyl benzene	ND<500	100	5.0
tert-Butyl benzene	ND<500	100	5.0	Carbon Disulfide	ND<500	100	5.0
Carbon Tetrachloride	ND<500	100	5.0	Chlorobenzene	ND<500	100	5.0
Chloroethane	ND<500	100	5.0	2-Chloroethyl Vinyl Ether	ND<1000	100	10
Chloroform	ND<500	100	5.0	Chloromethane	ND<500	100	5.0
2-Chlorotoluene	ND<500	100	5.0	4-Chlorotoluene	ND<500	100	5.0
Dibromochloromethane	ND<500	100	5.0	1,2-Dibromo-3-chloropropane	ND<500	100	5.0
1,2-Dibromoethane (EDB)	ND<500	100	5.0	Dibromomethane	ND<500	100	5.0
1,2-Dichlorobenzene	ND<500	100	5.0	1,3-Dichlorobenzene	ND<500	100	5.0
1,4-Dichlorobenzene	ND<500	100	5.0	Dichlorodifluoromethane	ND<500	100	5.0
1,1-Dichloroethane	ND<500	100	5.0	1,2-Dichloroethane (1,2-DCA)	ND<500	100	5.0
1,1-Dichloroethene	ND<500	100	5.0	cis-1,2-Dichloroethene	ND<500	100	5.0
trans-1,2-Dichloroethene	ND<500	100	5.0	1,2-Dichloropropane	ND<500	100	5.0
1,3-Dichloropropane	ND<500	100	5.0	2,2-Dichloropropane	ND<500	100	5.0
1,1-Dichloropropene	ND<500	100	5.0	cis-1,3-Dichloropropene	ND<500	100	5.0
trans-1,3-Dichloropropene	ND<500	100	5.0	Diisopropyl ether (DIPE)	ND<500	100	5.0
Ethylbenzene	3100	100	5.0	Ethyl tert-butyl ether (ETBE)	ND<500	100	5.0
Hexachlorobutadiene	ND<500	100	5.0	Hexachloroethane	ND<500	100	5.0
2-Hexanone	ND<500	100	5.0	Isopropylbenzene	ND<500	100	5.0
4-Isopropyl toluene	ND<500	100	5.0	Methyl-t-butyl ether (MTBE)	19,000	100	5.0
Methylene chloride	ND<500	100	5.0	4-Methyl-2-pentanone (MIBK)	ND<500	100	5.0
Naphthalene	1200	100	5.0	Nitrobenzene	ND<10,000	100	100
n-Propyl benzene	1100	100	5.0	Styrene	ND<500	100	5.0
1,1,1,2-Tetrachloroethane	ND<500	100	5.0	1,1,2,2-Tetrachloroethane	ND<500	100	5.0
Tetrachloroethene	ND<500	100	5.0	Toluene	3200	100	5.0
1,2,3-Trichlorobenzene	ND<500	100	5.0	1,2,4-Trichlorobenzene	ND<500	100	5.0
1,1,1-Trichloroethane	ND<500	100	5.0	1,1,2-Trichloroethane	ND<500	100	5.0
Trichloroethene	ND<500	100	5.0	Trichlorofluoromethane	ND<500	100	5.0
1,2,3-Trichloropropane	ND<500	100	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<10,000	100	100
1,2,4-Trimethylbenzene	7000	100	5.0	1,3,5-Trimethylbenzene	2400	100	5.0
Vinyl Chloride	ND<500	100	5.0	Xylenes	15,000	100	5.0

Surrogate Recoveries (%)

%SS1:	95.2	%SS2:	94.3
%SS3:	111		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-005A
Client ID	P-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	73	1.0	25
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	200	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	ND	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	87.5	%SS2:	99.3
%SS3:	109		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-006A
Client ID	P-5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<250	5.0	50	Acrolein (Propenal)	ND<250	5.0	50
Acrylonitrile	ND<100	5.0	20	tert-Amyl methyl ether (TAME)	ND<25	5.0	5.0
Benzene	ND<25	5.0	5.0	Bromobenzene	ND<25	5.0	5.0
Bromochloromethane	ND<25	5.0	5.0	Bromodichloromethane	ND<25	5.0	5.0
Bromoform	ND<25	5.0	5.0	Bromomethane	ND<25	5.0	5.0
2-Butanone (MEK)	ND<50	5.0	10	t-Butyl alcohol (TBA)	270	5.0	25
n-Butyl benzene	ND<25	5.0	5.0	sec-Butyl benzene	ND<25	5.0	5.0
tert-Butyl benzene	ND<25	5.0	5.0	Carbon Disulfide	ND<25	5.0	5.0
Carbon Tetrachloride	ND<25	5.0	5.0	Chlorobenzene	ND<25	5.0	5.0
Chloroethane	ND<25	5.0	5.0	2-Chloroethyl Vinyl Ether	ND<50	5.0	10
Chloroform	ND<25	5.0	5.0	Chloromethane	ND<25	5.0	5.0
2-Chlorotoluene	ND<25	5.0	5.0	4-Chlorotoluene	ND<25	5.0	5.0
Dibromochloromethane	ND<25	5.0	5.0	1,2-Dibromo-3-chloropropane	ND<25	5.0	5.0
1,2-Dibromoethane (EDB)	ND<25	5.0	5.0	Dibromomethane	ND<25	5.0	5.0
1,2-Dichlorobenzene	ND<25	5.0	5.0	1,3-Dichlorobenzene	ND<25	5.0	5.0
1,4-Dichlorobenzene	ND<25	5.0	5.0	Dichlorodifluoromethane	ND<25	5.0	5.0
1,1-Dichloroethane	ND<25	5.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND<25	5.0	5.0
1,1-Dichloroethene	ND<25	5.0	5.0	cis-1,2-Dichloroethene	ND<25	5.0	5.0
trans-1,2-Dichloroethene	ND<25	5.0	5.0	1,2-Dichloropropane	ND<25	5.0	5.0
1,3-Dichloropropane	ND<25	5.0	5.0	2,2-Dichloropropane	ND<25	5.0	5.0
1,1-Dichloropropene	ND<25	5.0	5.0	cis-1,3-Dichloropropene	ND<25	5.0	5.0
trans-1,3-Dichloropropene	ND<25	5.0	5.0	Diisopropyl ether (DIPE)	ND<25	5.0	5.0
Ethylbenzene	ND<25	5.0	5.0	Ethyl tert-butyl ether (ETBE)	ND<25	5.0	5.0
Hexachlorobutadiene	ND<25	5.0	5.0	Hexachloroethane	ND<25	5.0	5.0
2-Hexanone	ND<25	5.0	5.0	Isopropylbenzene	ND<25	5.0	5.0
4-Isopropyl toluene	ND<25	5.0	5.0	Methyl-t-butyl ether (MTBE)	700	5.0	5.0
Methylene chloride	ND<25	5.0	5.0	4-Methyl-2-pentanone (MIBK)	ND<25	5.0	5.0
Naphthalene	ND<25	5.0	5.0	Nitrobenzene	ND<500	5.0	100
n-Propyl benzene	ND<25	5.0	5.0	Styrene	ND<25	5.0	5.0
1,1,1,2-Tetrachloroethane	ND<25	5.0	5.0	1,1,2,2-Tetrachloroethane	ND<25	5.0	5.0
Tetrachloroethene	ND<25	5.0	5.0	Toluene	ND<25	5.0	5.0
1,2,3-Trichlorobenzene	ND<25	5.0	5.0	1,2,4-Trichlorobenzene	ND<25	5.0	5.0
1,1,1-Trichloroethane	ND<25	5.0	5.0	1,1,2-Trichloroethane	ND<25	5.0	5.0
Trichloroethene	ND<25	5.0	5.0	Trichlorofluoromethane	ND<25	5.0	5.0
1,2,3-Trichloropropane	ND<25	5.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<500	5.0	100
1,2,4-Trimethylbenzene	ND<25	5.0	5.0	1,3,5-Trimethylbenzene	ND<25	5.0	5.0
Vinyl Chloride	ND<25	5.0	5.0	Xylenes	ND<25	5.0	5.0

Surrogate Recoveries (%)

%SS1:	99.9	%SS2:	95.7
%SS3:	99.0		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-007A
Client ID	P-6
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	ND	1.0	25
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	46	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	ND	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	94.9	%SS2:	97.6
%SS3:	95.0		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-008A
Client ID	P-7
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<500	10	50	Acrolein (Propenal)	ND<500	10	50
Acrylonitrile	ND<200	10	20	tert-Amyl methyl ether (TAME)	ND<50	10	5.0
Benzene	ND<50	10	5.0	Bromobenzene	ND<50	10	5.0
Bromochloromethane	ND<50	10	5.0	Bromodichloromethane	ND<50	10	5.0
Bromoform	ND<50	10	5.0	Bromomethane	ND<50	10	5.0
2-Butanone (MEK)	ND<100	10	10	t-Butyl alcohol (TBA)	ND<250	10	25
n-Butyl benzene	ND<50	10	5.0	sec-Butyl benzene	ND<50	10	5.0
tert-Butyl benzene	ND<50	10	5.0	Carbon Disulfide	ND<50	10	5.0
Carbon Tetrachloride	ND<50	10	5.0	Chlorobenzene	ND<50	10	5.0
Chloroethane	ND<50	10	5.0	2-Chloroethyl Vinyl Ether	ND<100	10	10
Chloroform	ND<50	10	5.0	Chloromethane	ND<50	10	5.0
2-Chlorotoluene	ND<50	10	5.0	4-Chlorotoluene	ND<50	10	5.0
Dibromochloromethane	ND<50	10	5.0	1,2-Dibromo-3-chloropropane	ND<50	10	5.0
1,2-Dibromoethane (EDB)	ND<50	10	5.0	Dibromomethane	ND<50	10	5.0
1,2-Dichlorobenzene	ND<50	10	5.0	1,3-Dichlorobenzene	ND<50	10	5.0
1,4-Dichlorobenzene	ND<50	10	5.0	Dichlorodifluoromethane	ND<50	10	5.0
1,1-Dichloroethane	ND<50	10	5.0	1,2-Dichloroethane (1,2-DCA)	ND<50	10	5.0
1,1-Dichloroethene	ND<50	10	5.0	cis-1,2-Dichloroethene	ND<50	10	5.0
trans-1,2-Dichloroethene	ND<50	10	5.0	1,2-Dichloropropane	ND<50	10	5.0
1,3-Dichloropropane	ND<50	10	5.0	2,2-Dichloropropane	ND<50	10	5.0
1,1-Dichloropropene	ND<50	10	5.0	cis-1,3-Dichloropropene	ND<50	10	5.0
trans-1,3-Dichloropropene	ND<50	10	5.0	Diisopropyl ether (DIPE)	ND<50	10	5.0
Ethylbenzene	ND<50	10	5.0	Ethyl tert-butyl ether (ETBE)	ND<50	10	5.0
Hexachlorobutadiene	ND<50	10	5.0	Hexachloroethane	ND<50	10	5.0
2-Hexanone	ND<50	10	5.0	Isopropylbenzene	ND<50	10	5.0
4-Isopropyl toluene	ND<50	10	5.0	Methyl-t-butyl ether (MTBE)	600	10	5.0
Methylene chloride	ND<50	10	5.0	4-Methyl-2-pentanone (MIBK)	ND<50	10	5.0
Naphthalene	ND<50	10	5.0	Nitrobenzene	ND<1000	10	100
n-Propyl benzene	ND<50	10	5.0	Styrene	ND<50	10	5.0
1,1,1,2-Tetrachloroethane	ND<50	10	5.0	1,1,2,2-Tetrachloroethane	ND<50	10	5.0
Tetrachloroethene	ND<50	10	5.0	Toluene	ND<50	10	5.0
1,2,3-Trichlorobenzene	ND<50	10	5.0	1,2,4-Trichlorobenzene	ND<50	10	5.0
1,1,1-Trichloroethane	ND<50	10	5.0	1,1,2-Trichloroethane	ND<50	10	5.0
Trichloroethene	ND<50	10	5.0	Trichlorofluoromethane	ND<50	10	5.0
1,2,3-Trichloropropane	ND<50	10	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<1000	10	100
1,2,4-Trimethylbenzene	ND<50	10	5.0	1,3,5-Trimethylbenzene	ND<50	10	5.0
Vinyl Chloride	ND<50	10	5.0	Xylenes	ND<50	10	5.0

Surrogate Recoveries (%)

%SS1:	98.2	%SS2:	94.1
%SS3:	99.0		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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		Date Received: 04/08/04
	Client Contact: Tom Sparrow	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-009A
Client ID	P-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Acrolein (Propenal)	ND	1.0	50
Acrylonitrile	ND	1.0	20	tert-Amyl methyl ether (TAME)	ND	1.0	5.0
Benzene	ND	1.0	5.0	Bromobenzene	ND	1.0	5.0
Bromochloromethane	ND	1.0	5.0	Bromodichloromethane	ND	1.0	5.0
Bromoform	ND	1.0	5.0	Bromomethane	ND	1.0	5.0
2-Butanone (MEK)	ND	1.0	10	t-Butyl alcohol (TBA)	120	1.0	25
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Diisopropyl ether (DIPE)	ND	1.0	5.0
Ethylbenzene	ND	1.0	5.0	Ethyl tert-butyl ether (ETBE)	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	Hexachloroethane	ND	1.0	5.0
2-Hexanone	ND	1.0	5.0	Isopropylbenzene	ND	1.0	5.0
4-Isopropyl toluene	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	45	1.0	5.0
Methylene chloride	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	Nitrobenzene	ND	1.0	100
n-Propyl benzene	ND	1.0	5.0	Styrene	ND	1.0	5.0
1,1,1,2-Tetrachloroethane	ND	1.0	5.0	1,1,2,2-Tetrachloroethane	ND	1.0	5.0
Tetrachloroethene	ND	1.0	5.0	Toluene	ND	1.0	5.0
1,2,3-Trichlorobenzene	ND	1.0	5.0	1,2,4-Trichlorobenzene	ND	1.0	5.0
1,1,1-Trichloroethane	ND	1.0	5.0	1,1,2-Trichloroethane	ND	1.0	5.0
Trichloroethene	ND	1.0	5.0	Trichlorofluoromethane	ND	1.0	5.0
1,2,3-Trichloropropane	ND	1.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	100
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Chloride	ND	1.0	5.0	Xylenes	ND	1.0	5.0

Surrogate Recoveries (%)

%SS1:	90.4	%SS2:	90.9
%SS3:	87.9		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/08/04-04/09/04

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0404096

Lab ID	0404096-010A
Client ID	P-9
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<200	4.0	50	Acrolein (Propenal)	ND<200	4.0	50
Acrylonitrile	ND<80	4.0	20	tert-Amyl methyl ether (TAME)	ND<20	4.0	5.0
Benzene	ND<20	4.0	5.0	Bromobenzene	ND<20	4.0	5.0
Bromochloromethane	ND<20	4.0	5.0	Bromodichloromethane	ND<20	4.0	5.0
Bromoform	ND<20	4.0	5.0	Bromomethane	ND<20	4.0	5.0
2-Butanone (MEK)	ND<40	4.0	10	t-Butyl alcohol (TBA)	ND<100	4.0	25
n-Butyl benzene	ND<20	4.0	5.0	sec-Butyl benzene	ND<20	4.0	5.0
tert-Butyl benzene	ND<20	4.0	5.0	Carbon Disulfide	ND<20	4.0	5.0
Carbon Tetrachloride	ND<20	4.0	5.0	Chlorobenzene	ND<20	4.0	5.0
Chloroethane	ND<20	4.0	5.0	2-Chloroethyl Vinyl Ether	ND<40	4.0	10
Chloroform	ND<20	4.0	5.0	Chloromethane	ND<20	4.0	5.0
2-Chlorotoluene	ND<20	4.0	5.0	4-Chlorotoluene	ND<20	4.0	5.0
Dibromochloromethane	ND<20	4.0	5.0	1,2-Dibromo-3-chloropropane	ND<20	4.0	5.0
1,2-Dibromoethane (EDB)	ND<20	4.0	5.0	Dibromomethane	ND<20	4.0	5.0
1,2-Dichlorobenzene	ND<20	4.0	5.0	1,3-Dichlorobenzene	ND<20	4.0	5.0
1,4-Dichlorobenzene	ND<20	4.0	5.0	Dichlorodifluoromethane	ND<20	4.0	5.0
1,1-Dichloroethane	ND<20	4.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND<20	4.0	5.0
1,1-Dichloroethene	ND<20	4.0	5.0	cis-1,2-Dichloroethene	ND<20	4.0	5.0
trans-1,2-Dichloroethene	ND<20	4.0	5.0	1,2-Dichloropropane	ND<20	4.0	5.0
1,3-Dichloropropane	ND<20	4.0	5.0	2,2-Dichloropropane	ND<20	4.0	5.0
1,1-Dichloropropene	ND<20	4.0	5.0	cis-1,3-Dichloropropene	ND<20	4.0	5.0
trans-1,3-Dichloropropene	ND<20	4.0	5.0	Diisopropyl ether (DIPE)	ND<20	4.0	5.0
Ethylbenzene	ND<20	4.0	5.0	Ethyl tert-butyl ether (ETBE)	ND<20	4.0	5.0
Hexachlorobutadiene	ND<20	4.0	5.0	Hexachloroethane	ND<20	4.0	5.0
2-Hexanone	ND<20	4.0	5.0	Isopropylbenzene	ND<20	4.0	5.0
4-Isopropyl toluene	ND<20	4.0	5.0	Methyl-t-butyl ether (MTBE)	270	4.0	5.0
Methylene chloride	ND<20	4.0	5.0	4-Methyl-2-pentanone (MIBK)	ND<20	4.0	5.0
Naphthalene	ND<20	4.0	5.0	Nitrobenzene	ND<400	4.0	100
n-Propyl benzene	ND<20	4.0	5.0	Styrene	ND<20	4.0	5.0
1,1,1,2-Tetrachloroethane	ND<20	4.0	5.0	1,1,2,2-Tetrachloroethane	ND<20	4.0	5.0
Tetrachloroethene	ND<20	4.0	5.0	Toluene	ND<20	4.0	5.0
1,2,3-Trichlorobenzene	ND<20	4.0	5.0	1,2,4-Trichlorobenzene	ND<20	4.0	5.0
1,1,1-Trichloroethane	ND<20	4.0	5.0	1,1,2-Trichloroethane	ND<20	4.0	5.0
Trichloroethene	ND<20	4.0	5.0	Trichlorofluoromethane	ND<20	4.0	5.0
1,2,3-Trichloropropane	ND<20	4.0	5.0	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<400	4.0	100
1,2,4-Trimethylbenzene	ND<20	4.0	5.0	1,3,5-Trimethylbenzene	ND<20	4.0	5.0
Vinyl Chloride	ND<20	4.0	5.0	Xylenes	ND<20	4.0	5.0

Surrogate Recoveries (%)

%SS1:	99.6	%SS2:	95.1
%SS3:	96.5		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #31E-1966; 9-4800	Date Sampled: 04/08/04
		Date Received: 04/08/04
	Client Contact: Tom Sparrowe	Date Extracted: 04/08/04
	Client P.O.:	Date Analyzed: 04/09/04

Lead by ICP*

Extraction method: SW3050B

Analytical methods: 6010C

Work Order: 0404096

Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0404096-001A	P-1	S	TTLC	5.2	1	102
0404096-002A	P-2	S	TTLC	5.5	1	100
0404096-003A	P-3 5'	S	TTLC	5.6	1	104
0404096-004A	P-3 10'	S	TTLC	ND	1	101
0404096-005A	P-4	S	TTLC	5.3	1	105
0404096-006A	P-5	S	TTLC	ND	1	103
0404096-007A	P-6	S	TTLC	5.7	1	102
0404096-008A	P-7	S	TTLC	ND	1	107
0404096-009A	P-8	S	TTLC	6.1	1	103
0404096-010A	P-9	S	TTLC	7.4	1	103

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	mg/L
	S	TTLC	5.0	mg/Kg

*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate recovery outside of acceptance range due to matrix interference; & means surrogate diluted out of acceptance range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water/liquid- Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipe/filter - As, Se, Tl); 7471B (Hg).

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; j) reporting limit raised due to insufficient sample amount; k) results are reported by dry weight; y) estimated values due to low surrogate recovery; z) reporting limit raised due to matrix interference.



QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0404096

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 11049			Spiked Sample ID: 0404091-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	ND	0.60	99.8	99.7	0.0107	102	97.7	4.30	70	130
MTBE	ND	0.10	97.7	97.9	0.207	98.3	98.6	0.321	70	130
Benzene	ND	0.10	100	103	3.02	101	102	0.364	70	130
Toluene	ND	0.10	86.6	89.2	2.94	87.4	88.4	1.19	70	130
Ethylbenzene	ND	0.10	106	108	2.12	107	109	1.73	70	130
Xylenes	ND	0.30	95.7	96	0.348	95.7	96.3	0.694	70	130
%SS:	98.2	0.10	94.5	80.5	16.0	84.3	89.3	5.76	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404096

EPA Method: SW8015C		Extraction: SW3550C			BatchID: 11050		Spiked Sample ID: 0404091-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	96.2	94.7	1.53	98.6	101	1.91	70	130
%SS:	88.4	50	96.1	94.8	1.44	94.3	96.1	1.96	70	130
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

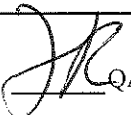
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

 QA/QC Officer

QC SUMMARY REPORT FOR SW8260B

Matrix: S

WorkOrder: 0404096

EPA Method: SW8260B		Extraction: SW5030B		BatchID: 11051			Spiked Sample ID: 0404091-001A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	107	104	2.76	96.8	98.2	1.47	70	130
Benzene	ND	50	122	118	2.70	127	128	0.900	70	130
t-Butyl alcohol (TBA)	ND	250	110	104	5.24	78.1	83.1	6.18	70	130
Chlorobenzene	ND	50	112	108	3.71	106	106	0	70	130
1,2-Dibromoethane (EDB)	ND	50	122	121	1.15	96.2	98.6	2.44	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	114	111	2.98	109	112	2.94	70	130
1,1-Dichloroethene	ND	50	117	115	1.12	108	107	0.641	70	130
Diisopropyl ether (DIPE)	ND	50	95.7	92.2	3.78	105	107	1.75	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	99	94.9	4.19	96.7	97.4	0.673	70	130
Methyl-t-butyl ether (MTBE)	ND	50	107	103	3.18	95.9	96.7	0.823	70	130
Toluene	ND	50	109	107	2.33	102	103	0.407	70	130
Trichloroethene	ND	50	92.3	89.7	2.94	83.9	86	2.57	70	130
%SS1:	91.8	50	104	103	1.15	99.1	98.8	0.306	70	130
%SS2:	97.0	50	97.8	97.8	0	94	93.2	0.824	70	130
%SS3:	96.1	50	100	101	0.873	98.7	97.9	0.775	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
 NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0404096

EPA Method: 6010C		Extraction: SW3050B			BatchID: 11046			Spiked Sample ID: 0404094-001A		
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	54.55	50	NR	NR	NR	84.4	84	0.416	80	120
%SS:	109	250	105	104	0.961	100	98.6	1.61	80	120
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE										

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

McCampbell Analytical, Inc.

CHAIN-OF-CUSTODY RECORD



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

WorkOrder: 0404096

Report to:

Tom Sparrowe
 Cambria Env. Technology
 5900 Hollis St, Suite A
 Emeryville, CA 94608

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #31E-1966; 9-4800
 PO:

Bill to:

Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT:

1 day

Date Received:

4/8/04

Date Printed:

4/8/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0404096-001	P-1	Soil	4/8/04 11:00:00 AM	<input type="checkbox"/>	A	A	A	A											
0404096-002	P-2	Soil	4/8/04 11:10:00 AM	<input type="checkbox"/>	A	A	A												
0404096-003	P-3 5'	Soil	4/8/04 11:35:00 AM	<input type="checkbox"/>	A	A	A												
0404096-004	P-3 10'	Soil	4/8/04 11:30:00 AM	<input type="checkbox"/>	A	A	A												
0404096-005	P-4	Soil	4/8/04 11:40:00 AM	<input type="checkbox"/>	A	A	A												
0404096-006	P-5	Soil	4/8/04 11:45:00 AM	<input type="checkbox"/>	A	A	A												
0404096-007	P-6	Soil	4/8/04 11:55:00 PM	<input type="checkbox"/>	A	A	A												
0404096-008	P-7	Soil	4/8/04 12:00:00 PM	<input type="checkbox"/>	A	A	A												
0404096-009	P-8	Soil	4/8/04 12:05:00 PM	<input type="checkbox"/>	A	A	A												
0404096-010	P-9	Soil	4/8/04 12:50:00 PM	<input type="checkbox"/>	A	A	A												

Test Legend:

1	8260B_S	2	G-MBTEX_S	3	PB_S	4	PREFD REPORT	5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

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

