CONESTOGA-ROVERS
& ASSOCIATES

Transmittal

To:	Mr. Robert Cave
Company:	Bay Area Air Quality Management District
Address:	Permit Services Division
	939 Ellis St, San Francisco, CA
Phone:	415.749.5048
From:	Matthew Lundberg
Phone:	510.420.3346
Date:	July 30, 2007
Re:	21995 Foothill Blvd, Hayward, CA
Project:	Former Chevron Station 9-0260 (Plant # 18218)

Dear Mr. Cave:

On behalf of Chevron Environmental Management Company (Chevron), Conestoga-Rovers & Associates (CRA) is submitting this start-up report for the dual-phase extraction (DPE) system at plant number 18218. A startup notification was sent to the BAAQMD on July 11, 2007. The DPE system was started on July 16, 2007. CRA collected air samples on July 17, 2007 and then shut off the system until the sample analytical results confirmed compliance. The DPE system was then briefly restarted on July 26, 2007 but was then shut down pending enhancements to the groundwater extraction system.

All operational and analytical results are in compliance with the Bay Area Air Quality Management District Authority-to-Construct Conditions 2 and 5.

Operational data and sample analytical results are presented in Tables 1 and 2. The laboratory analytical report is also enclosed.

Table 1: Soil Vapor Extraction - Operational Data - Chevron Project 9-0260, 21195 Foothill Blvd, Hayward, CA

Date	Hour Meter (hours)	Period Operation (hours)	Operating Pressure (inHg)	Operating Pressure (inH2O)	Influent Flow Rate (acfm)	Influent Flow Rate (scfm)	Effluent Flow Rate (acfm)	Effluent Flow Rate (scfm)	Pre-Cat Temp (F)	Post-Cat Temp (F)	Influent1 PID (ppmv)	Influent2 PID (ppmv)	Effluent PID (ppmv)	Destruction Efficiency (%)
07/16/07	0.0	0.0	13.0	176.7	122	69.1	120	68	1486	1476	17,000	1,670	2	99.9%
07/17/07	25	25.0	17	224.3	126	56.4	126	56	1486	1476	13,500	1,415	3	99.8%
07/17/07	2	2.0	15	197.1	162	83.6	162	84	1458	1453	12,250	1,385	3	99.8%
Permit Conditions						<250		<250	>1400	>1400				≥98.5%

Abbreviations and Notes:

acfm = Actual cubic feet per minute
Destruction efficiency (field calculated) = [(Influent2 PID, ppmv - Effluent PID, ppmv) / (Influent2 PID, ppmv)] x 100
F = Degrees farenheit
Influent1 = Pre-dilution field-measured vapor concentration
Influent2 = Post-dilution field-measured vapor concentration
inH2O = Inches of water
inHg = Inches of mercury
PID = Photo-ionization detector
ppmv = Parts per million by volume
scfm = acfm (absolute operating pressure, inH2O / standard pressure, 406.9 inH2O)
scfm = Standard cubic feet per minute
NM = Not measured

Table 2: Soil Vapor Extraction - Vapor-phase Mass Data - Chevron Project 9-0260, 21195 Foothill Blvd, Hayward, CA

	Influent1 Concentrations				Influent2 Concentrations				Effluent Concentrations				TPHg			Benzene			MTBE			POC		
Date	TPHg (ppmv)	Benzene (ppmv)	MTBE (ppmv)	POC (ppmv)	TPHg (ppmv)	Benzene (ppmv)	MTBE (ppmv)	POC (ppmv)	TPHg (ppmv)	Benzene (ppmv)	MTBE (ppmv)	POC (ppmv)	TPHg Removal Rate (ppd)	Cumulative TPHg Removed (pounds)	TPHg Emission Rate (ppd)	Benzene Removal Rate (ppd)	Cumulative Benzene Removed (pounds)	Benzene Emission Rate (ppd)	MTBE Removal Rate (ppd)	Cumulative MTBE Removed (pounds)	MTBE Emission Rate (ppd)	POC Removal Rate (ppd)	POC Emission Rate (ppd)	POC Destruction Efficiency (%)
07/17/07	3,400	9	< 0.68	3,401	750	2	< 0.68	750	< 7	<0.08	<0.07	7.1	16.6	0.000	0.152	0.040	0.000	0.002	0.015	0.000	0.001	16.6	0.154	99.1%
Total Pounds Removed:													**TPHg =**	**0**		**Benzene =**	**0.0**		**MTBE =**	**0.00**				**>98.5%**

Abbreviations and Notes:

TPHG, Benzene, and MTBE analyzed by EPA Method 8260B in 1 liter tedlar bag samples

VOC = Volatile Organic Compounds (ppmv)

ppd = pounds per day Influent1 = pre-dilution Influent2 = post-dilution ppmv = parts per million by volume

Removal/Emission Rate = C (ppmv) x Q (cfm) x (1lb-mole/386ft3) x MW (lb/lb-mole) x 60 min/hr x 24 hr/day x 10^{-6}

where; C = concentration, Q = flow, MW= molecular weight (86 lb/lb-mole for TPHg, 78 lb/lb-mole for benzene, 88 lb/lb-mole for MTBE, 86 lb/lb-mole for POC (=hexane))

If dilution air is utilized, then influent 2 concentration is used in mass calculation. If dilution air not utilized, then influent 2 is not sampled and influent 1 is used in mass calculation (influent 1 is assumed to be equal to influent 2).

Cumulative TPHg / Benzene / MTBE removal = Previous removal rate multiplied by the interval of operation plus the previous total

Destruction Efficiency = (100)[(Mass Extracted - Mass Emitted)/(Mass Extracted)]

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #311915; 9-0260	Date Sampled: 07/17/07
5900 Hollis St, Suite A		Date Received: 07/17/07
Emeryville, CA 94608	Client Contact: Matthew Lundberg	Date Reported: 07/19/07
	Client P.O.:	Date Completed: 07/19/07

WorkOrder: 0707329

July 19, 2007

Dear Matthew:

Enclosed are:

1). the results of **3** analyzed samples from your **#311915; 9-0260 project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

0707329

CETK

RUSH

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY

GeoTracker EDF ☒ PDF ☒ Excel ☐ Write On (DW) ☐

Report To: Matthew Lundberg	Bill To: Chevron EMC
Company: Conestoga-Rovers & Associates	
	E-Mail: mlundberg@craworld.com
Tele: (510) 420 3346	Fax: (510) 420 9170
Project #: 311915	Project Name: 9-0260
Project Location: 21995 Foothill Blvd, Hayward, CA	
Sampler Signature: Mark Johnson	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: MTBE (8260)	BTEX (8260)	TPH as gas (8260)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
INF	INF	7/17	10:05	1				X							X	X	X															Tedlar
MID	MID	7/17	10:10	1				X							X	X	X															Tedlar
EFF	EFF	7/17	10:20	1				X							X	X	X															Tedlar

Relinquished By: Mark Johnson	Date: 7/17/07	Time: 3:40	Received By:
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° _____
GOOD CONDITION _____
HEAD SPACE ABSENT _____
DECHLORINATED IN LAB _____
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB _____

VOAS O&G METALS OTHER
PRESERVATION _____ pH<2

COMMENTS:

Filter Samples for Metals analysis: Yes / No

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707329 **ClientID: CETE**

☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Requested TAT: 3 days

Report to:
Matthew Lundberg
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: mlundberg@craworld.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #311915; 9-0260
PO:

Bill t
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Date Received 07/17/2007
Date Printed: 07/17/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0707329-001	INF	Air	7/17/2007	☐	A	A										
0707329-002	MID	Air	7/17/2007	☐	A											
0707329-003	EFF	Air	7/17/2007	☐	A											

Test Legend:

1	GMBTEX8260_A	2	PREDF REPORT	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Chloe Lam

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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Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **7/17/2007 4:13:22 PM**

Project Name: **#311915; 9-0260**
Checklist completed and reviewed by: Chloe Lam

WorkOrder N°: **0707329** Matrix Air
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

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Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #311915; 9-0260	Date Sampled: 07/17/07
5900 Hollis St, Suite A		Date Received: 07/17/07
Emeryville, CA 94608	Client Contact: Matthew Lundberg	Date Extracted: 07/18/07
	Client P.O.:	Date Analyzed 07/18/07

TPH(g) & MBTEX by P&T and GC/MS *

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0707329

Lab ID	0707329-001A	0707329-002A	0707329-003A		Reporting Limit for DF =1	
Client ID	INF	MID	EFF			
Matrix	A	A	A			
DF	10	10	1		S	A
Compound	**Concentration**				ug/kg	µg/L
TPH(g)	12,000	2700	ND		NA	50
Benzene	31	6.3	ND		NA	0.25
Ethylbenzene	49	8.8	ND		NA	0.25
Methyl-t-butyl ether (MTBE)	ND<2.5	ND<2.5	ND		NA	0.25
Toluene	15	3.0	ND		NA	0.25
Xylenes	100	17	ND		NA	0.25
Surrogate Recoveries (%)						
%SS1:	103	102	104			
%SS2:	107	99	98			
%SS3:	93	91	91			
Comments						

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Air QC Matrix: Water WorkOrder 0707329

EPA Method SW8260B	Extraction SW5030B				BatchID: 29293				Spiked Sample ID: 0707243-001B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Benzene	ND	10	108	107	0.550	107	104	2.32	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	111	113	1.74	111	109	1.82	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	116	116	0	112	115	2.54	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	86.8	90.9	4.64	87.7	84.8	3.32	70 - 130	30	70 - 130	30
Toluene	ND	10	112	114	1.81	112	108	4.07	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	90.6	91.5	0.934	90.1	88.4	1.88	70 - 130	30	70 - 130	30
%SS1:	106	10	116	115	0.815	112	113	0.794	70 - 130	30	70 - 130	30
%SS2:	95	10	104	105	1.48	104	102	1.49	70 - 130	30	70 - 130	30
%SS3:	95	10	120	121	0.583	119	118	1.08	70 - 130	30	70 - 130	30

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

NONE

BATCH 29293 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707329-001A	07/17/07 10:05 AM	07/18/07	07/18/07 6:31 PM	0707329-002A	07/17/07 10:10 AM	07/18/07	07/18/07 7:32 PM
0707329-003A	07/17/07 10:20 AM	07/18/07	07/18/07 5:46 PM				

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.

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.

0709329

CRA

RUSH

McCAMPBELL ANALYTICAL, INC.

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PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY

GeoTracker EDF ☒ PDF ☒ Excel ☐ Write On (DW) ☐

Report To: Matthew Lundberg	Bill To: Chevron EMC
Company: Conestoga-Rovers & Associates	
	E-Mail: mlundberg@craworld.com
Tele: (510) 420 3346	Fax: (510) 420 9170
Project #: 311915	Project Name: 9-0260
Project Location: 21995 Foothill Blvd, Hayward, CA	
Sampler Signature: Mark Johnson	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	Analysis Request: MTBE (8260)	BTEX (8260)	TPH as gas (8260)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
INF	INF	7/17	10:05	1				X							X	X	X															Tedlar
MID	MID	7/17	10:10	1				X							X	X	X															Tedlar
EFF	EFF	7/17	10:20	1				X							X	X	X															Tedlar

Relinquished By: Mark Johnson	Date: 7/17/07	Time: 3:40	Received By:
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t°
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS: Filter Samples for Metals analysis: Yes / No

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707329 **ClientID: CETE**

☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Matthew Lundberg
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: mlundberg@craworld.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #311915; 9-0260
PO:

Bill t
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 3 days

Date Received 07/17/2007
Date Printed: 07/17/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0707329-001	INF	Air	7/17/2007	☐	A	A										
0707329-002	MID	Air	7/17/2007	☐	A											
0707329-003	EFF	Air	7/17/2007	☐	A											

Test Legend:

1	GMBTEX8260_A	2	PREDF REPORT	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Chloe Lam

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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Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **7/17/2007 4:13:22 PM**

Project Name: **#311915; 9-0260**
Checklist completed and reviewed by: Chloe Lam

WorkOrder N°: **0707329** Matrix Air
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #311915; 9-0260	Date Sampled: 07/17/07
5900 Hollis St, Suite A		Date Received: 07/17/07
Emeryville, CA 94608	Client Contact: Matthew Lundberg	Date Extracted: 07/18/07
	Client P.O.:	Date Analyzed 07/18/07

TPH(g) & MBTEX by P&T and GC/MS *

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0707329

Lab ID	0707329-001A	0707329-002A	0707329-003A		Reporting Limit for DF =1	
Client ID	INF	MID	EFF			
Matrix	A	A	A			
DF	10	10	1		S	A
Compound	**Concentration**				ug/kg	µg/L
TPH(g)	12,000	2700	ND		NA	50
Benzene	31	6.3	ND		NA	0.25
Ethylbenzene	49	8.8	ND		NA	0.25
Methyl-t-butyl ether (MTBE)	ND<2.5	ND<2.5	ND		NA	0.25
Toluene	15	3.0	ND		NA	0.25
Xylenes	100	17	ND		NA	0.25
Surrogate Recoveries (%)						
%SS1:	103	102	104			
%SS2:	107	99	98			
%SS3:	93	91	91			
Comments						

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #311915; 9-0260	Date Sampled: 07/17/07
		Date Received: 07/17/07
5900 Hollis St, Suite A	Client Contact: Matthew Lundberg	Date Extracted: 07/18/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 07/18/07

TPH(g) & MBTEX by P&T and GC/MS *

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0707329

Lab ID	0707329-001A	0707329-002A	0707329-003A		Reporting Limit for DF =1	
Client ID	INF	MID	EFF			
Matrix	A	A	A			
DF	10	10	1		S	A
Compound	**Concentration**				ug/kg	uL/L
TPH(g)	3400	750	ND		NA	7.0
Benzene	9.4	2.0	ND		NA	0.077
Ethylbenzene	11	2.0	ND		NA	0.057
Methyl-t-butyl ether (MTBE)	ND<0.68	ND<0.68	ND		NA	0.068
Toluene	4.0	0.78	ND		NA	0.065
Xylenes	23	3.8	ND		NA	0.057
Surrogate Recoveries (%)						
%SS1:	103	102	104			
%SS2:	107	99	98			
%SS3:	93	91	91			
Comments						

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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