RECEIVED

10:51 am, Jun 07, 2010

Alameda County Environmental Health



To:	Mr. Robert Cave	Environmental
Company:	Bay Area Air Quality Manag	gement 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, Haywa	ard, CA

Transmittal

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 Condi	tions					<250		<250	>1400	>1400		All I		>98.5%

Abbreviations and Notes:

acfin = 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

														TPHg		1	Benzene			MTBE			POC	
													TPHg	Cumulative	TPHg	Benzene	Cumulative	Benzene	MTBE	Cumulative	MTBE	POC	POC	POC
		Influent1	Concentratio	ons	<u>I</u> i	nfluent2 Co	ncentration	<u>n</u> s		Effluent Cor	ncentration	ş	Removal	TPHg	Emission	Removal	Benzene	Emission	Removal	MTBE	Emission	Removal	Emission	Destruction
	TPHg	Benzene	MTBE	POC	TPHg	Benzene	MTBE	POC	TPHg	Benzene	MTBE	POC	Rate	Removed	Rate	Rate	Removed	Rate	Rate	Removed	Rate	Rate	Rate	Efficiency
Date	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppd)	(pounds)	(ppd)	(ppd)	(pounds)	(ppd)	(ppd)	(pounds)	(ppd)	(ppd)	(ppd)	(%)
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 Pou		wed:											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)]

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
Emeryvine, CA 94006	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

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD PITTSBURG, CA 94565-1701

Website: www.necampbell.com Email: main@mccampbell.com Fax: (925) 252-9269 Telephone: (877) 252-9262

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RUSH 24 HR

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72 HR 5 DAY 48 HR

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McCampbell Analytical, Inc.

Emeryville, CA 94608

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

3 days

1534 Willow Pass Rd		V	0. 000		
Pittsburg, CA 94565-1701 (925) 252-9262		WorkOr	der: 0707329	Clier	ntID: CETE
	☑ EDF	Excel	Fax	✓ Email	HardCopy
		Bil	l t		R

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

mlundberg@craworld.com Email: (510) 420-070 TEL:

FAX: (510) 420-917

ProjectNo: #311915; 9-0260

Accounts Payable

Conestoga-Rovers & Associates 5900 Hollis St, Ste. A

Emeryville, CA 94608

Date Received 07/17/2007

☐ ThirdParty

Requested TAT:

Date Printed: 07/17/2007

				ĺ				Req	uested	Tests (See le	gend be	elow)			
Sample ID	mple ID ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0707329-001	INF	Air	7/17/2007		Α	Α										
0707329-002	MID	Air	7/17/2007		Α		L					<u> </u>				
0707329-003	EFF	Air	7/17/2007		Α							<u> </u>				<u> </u>

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.

Conestoga-Rovers & Associates

Client Name:

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

Date and Time Received: 7/17/2007 4:13:22 PM

Sample Receipt Checklist

Project Name: #	#311915; 9-0260					Check	list comple	ted and reviewed by:	Chloe Lam
WorkOrder N°:	0707329	Matrix	<u>Air</u>			Carrie	r: <u>Client</u>	t Drop-In	
			<u>Chair</u>	n of Cu	stody	(COC) Informa	ition		
Chain of custody p	present?			Yes	V	No 🗆			
Chain of custody s	signed when relinquis	shed and	d received?	Yes	V	No 🗆			
Chain of custody a	agrees with sample la	abels?		Yes	V	No 🗆			
Sample IDs noted to	by Client on COC?			Yes	V	No 🗆			
Date and Time of c	collection noted by Clie	ent on C	OC?	Yes	V	No 🗆			
Sampler's name no	oted on COC?			Yes	V	No 🗆			
			ş	Sample	Recei	ipt Information	1		
Custody seals inta	act on shipping contai	iner/cool		Yes		No 🗆	•	NA 🔽	
•	r/cooler in good condi			Yes	V	No 🗆			
Samples in proper	r containers/bottles?			Yes	v	No 🗆			
Sample containers	s intact?			Yes	V	No 🗆			
Sufficient sample	volume for indicated	test?		Yes	V	No 🗆			
		<u>Sa</u>	mple Prese	ervatio	n and	Hold Time (HT) Informat	tion_	
All samples receiv	ved within holding time	e?		Yes	✓	No 🗌			
Container/Temp B	slank temperature			Coole	er Temp	p:		NA 🗹	
•	s have zero headspac	ce / no b	oubbles?	Yes		No 🗆	No VOA v	vials submitted 🗹	
Sample labels che	ecked for correct pres	servatior	า?	Yes	V	No 🗌			
TTLC Metal - pH a	acceptable upon recei	pt (pH<2	2)?	Yes		No 🗆		NA 🗹	
		===		=	===				
Client contacted:			Date conta	cted:				Contacted by:	
Comments:									



Conestoga-Rovers & Associates	Client Pro	oject ID: #311915	5; 9-0260	Date Sampled:	07/17/07	
5900 Hollis St, Suite A				Date Received:	07/17/07	
T '11 CLA 04C00	Client Co	ontact: Matthew	Lundberg	Date Extracted:	07/18/07	
Emeryville, CA 94608	Client P.O	D.:		Date Analyzed	07/18/07	
	TPH(g) & 1	MBTEX by P&T	and GC/MS *			
Extraction Method: SW5030B	Anal	ytical Method: SW826	0B		Work Order:	0707329
Lab ID	0707329-001A	0707329-002A	0707329-003A			
Client ID	INF	MID	EFF			Limit for
Matrix	A	A	A			
DF	10	10	1		S	A
Compound		Conce	entration		ug/kg	μg/L
TPH(g)	12,000	2700	ND	0.0000000000000000000000000000000000000	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
	Surr	ogate Recoverie	s (%)			
%SS1:	103	102	104			
%SS2:	107	99	98	-		

91

91

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

93

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.

%SS3:

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.

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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Air

QC Matrix: Water

WorkOrder 0707329

EPA Method SW8260B	Extra	ction SW	5030B		Bat	tchID: 29	293	Sp	iked Samı	ole ID:	0707243-00	1B
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%))
Analyte	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				

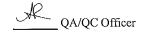
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% 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.



CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR

48 HR

72 HR 5 DAY

1534 WILLOW PASS ROAD PITTSBURG, CA 94565-1701

McCAMPBELL ANALYTICAL, INC.

Website: www.mccamphell.com Email: main@mccampbell.com Fax: (925) 252-9269 Telephone: (877) 252-9262

GeoTracker EDF X PDF X Excel Write On (DWQ

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Report To: Mait	hew Lundber		E	ill Te	ı: Ch	orr	on I	M	7		***********	0.0000000000000000000000000000000000000			···					(na	ysis	Re	jues	d.	·		egenomono			0	ther	Comments
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 Bivd, Hayward, CA Sampler Signature: SAMPLING C MATRIX PRESERVE						2000000		ANNOTOTICA TO THE THE CONTRACTOR CONTRACTOR AND A STATE OF THE STATE O	ADDITION OF THE PROPERTY OF TH	Total Permittum Off & Grown (1664 / 3320 L/1627)	scarbone (41H.1)	/ 8021 (TIV DCs)	1. E EEDERGES	EPA 649 / Bift PCB's ONLY; Arrelors / Cangeners	5. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	2. 2. Electrical (2.8.)	(SOS)	(SVQCs)	(FA11 / FFAX)	CAM 17 Metala (200.7 / 200.4 / 6010 / 6020)	1.Pr s Menk (201.7) 200.8 (0110 / 022)	10/6220)		**************************************	Filter Samples for Metals analysis: Yes / No							
		SAM	PLING		5		MA	TR	IX		ME. RES					1	8	Hydr	80.19	3) [8]	480	2	Acids	9978	34.23	8310	200.7	2.003	8			2
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Contract		Water.	a la company	AL.	Sinder.			ÓME	Other	MTHE (8260)	B:EX(6%0)	[PE 118 gir (620B)	Total Petrakum (Tour Perulan Nydrocae bons (418.1)	EPA 502.2 / 601 / 9010 / 8021 (01VDCs)	X7A 508/ 508/ 6081 (C.) Pericides)	EPA 648 / BIKI P	17.2.5.7.7.5141 (NP Postfoldes)	EPA 8187 (Acidis (3 Herineddes)	EPA 504.27 634 / 8269 (VQC)	WA 3262 / 625 / 8270 (SVCCs)	EPA & TO SIM / SOME (PARA / PRAS)	CAM 17 Mebit	347PT 5 Metalls (3	3.ead (200.2 / 240.8 / 6010 / 6020)		000000000000000000000000000000000000000	
INF	INF	7//7	10.05	1		T	ż	X					l	X	3	X	8 .															Tedlar
MID	MID	7/77	10:10	1				×						X	3	X	3															Tedlar
EFF	EFF	7/17	0:20					X		I				Х	X	X															aaaaanii	Tedlar
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Relinquished By:		Date:	Time:	Rec	dred B	yt			·		())))))))))		****		væ al	as V I	W P	()	»)AS	—	kG.	ME	/TAL	S	OTE	ŒŔ						
					200011-0000									PB	LESE	RY.	VIIO					рЮ«							 		*****************	

McCampbell Analytical, Inc.

1534 Willow Pass Rd

Emeryville, CA 94608

Report

CHAIN-OF-CUSTODY RECORD

Emeryville, CA 94608

Date Printed: 07/17/2007

Pittsburg, CA 94565-1701 (925) 252-9262					Work	Order	: 0707329	Clier	ntID: CETE		
			~	EDF	Excel		Fax	✓ Email	HardCo	py ThirdPa	arty
port to:						Bill t				Requested T	AT: 3 days
Matthew Lundberg	Email:	mlundberg@craw	orld.c	om		Ac	counts Pay	/able			
Conestoga-Rovers & Associates 5900 Hollis St, Suite A	TEL: ProjectNo:	(510) 420-070 : #311915; 9-0260		(510) 420	0-917		nestoga-R 00 Hollis S	lovers & Assoc t, Ste. A	ciates	Date Receiv	ed 07/17/2007

				Γ	Requested Tests (See legend below)													
Sample ID	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7_	8	9	10	11	12		
0707329-001	INF	Air	7/17/2007		Α	Α												
0707329-002	MID	Air	7/17/2007		Α	L												
0707220 002	FFE	Air	7/17/2007		Α									1				

Test Legend:

103t Edgona				
1 GMBTEX8260 A	2 PREDF REPORT	3	4	5
I GWIDT EXOZOU_A	Z TREDITIES OUT			40
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.

 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

Sample Receipt Checklist

Client Name:	Conestoga-Rovers & A	ssociates		Date a	nd Time Received:	7/17/2007	4:13:22 PM
Project Name:	#311915; 9-0260			Check	list completed and r	reviewed by:	Chloe Lam
WorkOrder N°:	0707329 Matrix	<u>Air</u>		Carrie	r: <u>Client Drop-In</u>		
		Chain of Cu	stody (COC) Informa	tion		
Chain of custody	present?	Yes	V	No 🗆			
Chain of custody	/ signed when relinquished ar	nd received? Yes	V	No 🗆			
Chain of custody	y agrees with sample labels?	Yes	V	No 🗌			
Sample IDs noted	d by Client on COC?	Yes	V	No 🗆			
Date and Time o	f collection noted by Client on (COC? Yes	Y	No 🗆			
Sampler's name	noted on COC?	Yes	V	No 🗆			
		Sample	Receir	ot Information	!		
Custody seals in	ntact on shipping container/co	oler? Yes		No 🗆		NA 🗹	
Shipping contain	ner/cooler in good condition?	Yes	V	No 🗆			
Samples in prop	er containers/bottles?	Yes	V	No \square			
Sample containe	ers intact?	Yes	V	No \square			
Sufficient sample	e volume for indicated test?	Yes	V	No 🗆			
	<u>s</u>	ample Preservatio	n and F	Hold Time (HT) Information		
All samples rece	eived within holding time?	Yes	V	No 🗆			
Container/Temp	Blank temperature	Cool	er Temp	c		NA 🗹	
Water - VOA via	als have zero headspace / no	bubbles? Yes		No 🗆	No VOA vials subn	nitted 🗹	-
Sample labels c	hecked for correct preservation	on? Yes	V	No 🗌			
TTLC Metal - pH	I acceptable upon receipt (pH<	(2)? Yes		No 🗆		NA 🗹	
Client contacted	:	Date contacted:			Contacte	d by:	
Comments:							

Conestoga-Rovers & Associates

Client Project ID: #311915; 9-0260

Date Sampled: 07/17/07

Date Received: 07/17/07

Client Contact: Matthew Lundberg

Emeryville, CA 94608

Client P.O.:

Date Analyzed 07/18/07

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

Extraction Method: SW 5030B Analytical Method: SW 8260B Work Order: 0707

Extraction Method: SW5030B	Anal	lytical Method: SW826	0B	W	ork Order:	0707329
Lab ID	0707329-001A	0707329-002A	0707329-003A			
Client ID	INF	MID	EFF		Reporting DF	
Matrix	A	A	A			
DF	10	10	1		S	A
Compound		Conc	entration		ug/kg	μg/L
ТРН(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
	Surr	ogate Recoverie	s (%)			
%SS1:	103	102	104			
%SS2:	107	99	98			
%SS3:	93	91	91			-
Comments	<u> </u>					•

^{*} 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.



Client Project ID: #311915; 9-0260 Date Sampled: 07/17/07 Conestoga-Rovers & Associates Date Received: 07/17/07 5900 Hollis St, Suite A Date Extracted: 07/18/07 Client Contact: Matthew Lundberg Emeryville, CA 94608 Date Analyzed: 07/18/07 Client P.O.: TPH(g) & MBTEX by P&T and GC/MS * Analytical Method: SW8260B Work Order: 0707329 Extraction Method: SW5030B 0707329-001A 0707329-002A 0707329-003A Lab ID INF MID **EFF** Client ID Reporting Limit for DF = 1Matrix Α Α Α 10 DF 10 S Α Compound Concentration ug/kg uL/L 3400 750 ND NA 7.0 TPH(g) 0.077 ND NA Benzene 9.4 2.0 0.057 Ethylbenzene 11 2.0 ND NA ND<0.68 ND<0.68 ND NA 0.068 Methyl-t-butyl ether (MTBE) NA 0.065 4.0 0.78 ND Toluene 0.057 ND NA 23 3.8 Xylenes 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.

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