Detterman, Mark, Env. Health

From: Lee, Nathan [nlee@craworld.com]
Sent: Monday, January 10, 2011 9:50 AM
To: Detterman, Mark, Env. Health

Cc: Patten, David R.

Subject: RE: 9-0020 Debris Pit Stock Pile Samples

Attachments: 311956-Analyticals by McCampbell(4).pdf; 311956-McCambell TP-1 2011-1-7.pdf

Mark,

I have attached the analytical results from the samples collected last week from the debris pit soil stockpile. I have also attached the results from sample collected underneath the piping (Sample TP-1).

In the stockpile sample only TPHd was detected with the highest detected concentration was at 57 mg/Kg. All stockpile samples were below ESL's as was TP-1.

Nathan Lee, P.G. Conestoga-Rovers & Associates (CRA)

5900 Hollis Street, Suite A Emeryville, CA 94608

Phone: 510.420.3333 Fax: 510.420.9170 Cell: 510.385.2499

Email: nlee@CRAworld.com

McCampbell Ar	•	Web: www.mccampbell.c	Road, Pittsburg, CA 94565-1701 com E-mail: main@mccampbell.com 52-9262 Fax: 925-252-9269
Conestoga-Rovers & Associates	Client Project ID: #9-0020;	1633 Harrison St. Oakland	Date Sampled: 01/06/11
			Date Received: 01/06/11

Conestoga-Rovers & Associates	Client Project ID: #9-0020; 1633 Harrison St. Oakland	Date Sampled: 01/06/11
5900 Hollis St, Suite A		Date Received: 01/06/11
	Client Contact: Nathan Lee	Date Reported: 01/07/11
Emeryville, CA 94608	Client P.O.:	Date Completed: 01/07/11

WorkOrder: 1101102

January 07, 2011

Dear	Nat	han:
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Enclosed within are:

- 1) The results of the 20 analyzed samples from your project: #9-0020; 1633 Harrison St. Oakland,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice 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 or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager

McCampbell Analytical, Inc.

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We	bsite: www.mo		RG, CA 94 Leom Em			mcc	amp	bel	l.com	i i				1												Н				48 H		72 H	
Tel	ephone: (877) 252-92	62		Fax:										G	eoT	ra	cke	er E	EDF	X	_											(W)
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Report To: n/e.														╀	_		_			A	nal	ysis	Rec	lues	t						0	ther	Comments
Company: CON	ESTOGA	ROU	ERS A	ND	A:	550	04	A	TES	_				4						0												0	**Indicate
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	LOCUMENT			S.	Fype Containers					Ť	T		Т	1	8 62	TPH as Diesel (8015)	0	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (6994 602 / 8021).	EPA 505/ 608 / 8081 (CI Pesticides)	PCB	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 (380 2 - 200 8 (6010) 5028)	Filter sample for DISSOLVED metals analysis	THAR	
SAMPLE ID	LOCATION/ Field Point			Containers	ıtai					ı				1	H	sel (8	enm	leum	109	EX	98/80	082	3141	3151	624	625	SIM	etals	tals	1	le fo	17	
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				Col	,pe	Water	Soil	<u>.</u>	Sludge	3 3	3 2	HCL	Other		BIEX	Has	tal P	tal P	A 50	LBE	A 50	7 60	A 50	A 51	A 52	A 52	A 8	N	FT	The state of	ter s	AF	
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RESULTS ALSO TO byifto@crawovld.com

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Report To: n/ee	@crawo	rld-co	m B	ill To	: 3	110	756	5							0				A	naly	_								Т		her	Comments
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Project Location: 1633 HARRISON ST OAKAAND CA							M		\dashv	Gas (60248021 + 8015) MTBE	WITH	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX GNLY (EPA 402-48024)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	3	EPA 515 / 8151 (Acidic Cl Herbicides)	8	(3)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	5 Metals (200.7 / 200.8 / 6010 / 6020)	1	Filter sample for DISSOLVED metals analysis	PHTMALENE	I I I I I I I I I I I I I I I I I I I				
SAMPLING MATRIX N							1ET	HOI	D	109	23	Grea	carb	8021	EPA	Pest	ONE	sticid	0	00	SVO	PAH	200.	200.8	層	LVI	N					
, and a		SAMI	LING		LS	1	VIAI	KL)		PR	ESE	RV	ED	3as (6		18	ydro	010	LY	0	B's	P Pe	cidic	260 (270 (310 (7.00	0.7	3)	ISSC	A.Z	
SAMPLE ID	LOCATION/			ers	Fype Containers								- 1	133	TPH as Diesel (8015)	0 11	H	8/10	X G.	/ 808	2 PC	EPA 507 / 8141 (NP Pesticides)	S1 (A	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525,2 / 625 / 8270 (SVOCs)	M/8	ls (2	Is (20	8	for D	A	
SAMI LE ID	Field Point Name	Date	Time	tain	ont									TPH)iesel	roles	roles	2/6	BTE	809/	/ 808	81	8	2/6	2/6	10 SI	Meta	Meta	41	nple	HT	
	Name	Date	Time	Containers	be C	Water	= ,	Sludge	Other	Ξ	7	HNO3	Other	BTEX-& TPH	lasi	l Pet	l Pet	502	BE/	505	809	1 507	515	524	525	827	M 17	5		er sar	4	
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RESULTS ALSO TO byitru@ craworld.com

McCampbell Analytical, Inc.

1534 Willow Pass Rd Pittsburg, CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252	-9262					Work	Order:	: 11011	.02	Client	Code: (EIE				
		WaterTrax	WriteOn	✓ EDF		Excel		Fax	~	Email	Hard	Сору	Thir	dParty	☐ J-f	lag
Report to: Nathan Lee		Email: n	lee@craworl	d.com			Bill to:	counts F	Payable			Req	uested	TAT:	1	day
Conestoga-R 5900 Hollis Si Emeryville, CA (510) 420-0700	94608	PO: ProjectNo: #	yifru@crawoi 9-0020; 1633	ld.com 3 Harrison St. Oa	kland		59	00 Hollis	a-Rovers s St, Ste. , CA 946		ates		e Rece e Prin		01/06/2 01/06/2	
									Reque	sted Test	s (See le	gend b	elow)			-
Lab ID	Client	D	Matrix	Collection Date	Hold	1	2	3	4	5 6	7	8	9	10	11	12
1101102-001	SP-2		Soil	1/6/2011 12:27		Α	А	А								
1101102-002	SP-3		Soil	1/6/2011 12:28		Α		Α								
1101102-003	SP-4		Soil	1/6/2011 12:29		Α		Α								
1101102-004	SP-5		Soil	1/6/2011 12:30		Α		Α								
1101102-005	SP-6		Soil	1/6/2011 12:31		Α		Α								
1101102-006	SP-7		Soil	1/6/2011 12:32		Α		Α								
1101102-007	SP-8		Soil	1/6/2011 12:33		Α		Α								
1101102-008	SP-9		Soil	1/6/2011 12:34		Α		Α								
1101102-009	SP-10		Soil	1/6/2011 12:35		Α		Α								
1101102-010	SP-11		Soil	1/6/2011 12:36		Α		Α								
1101102-011	SP-12		Soil	1/6/2011 12:37		Α		Α								
1101102-012	SP-13		Soil	1/6/2011 12:38		Α		Α								
1101102-013	SP-14		Soil	1/6/2011 12:39		Α		Α								
1101102-014	SP-15	1	Soil	1/6/2011 12:40		Α		Α								
Test Legend:																
1 8260VC	OC_S 2	PREDF REP	ORT	3 TP	H(D)W	SG_S		4				j	5			-
6	7	,		8				9					10			•
11	1:	2														
The following Samp 018A, 019A, 020A	oIDs: 001A, 002A, 003A contain testgroup.	, 004A, 005A, 006A	, 007A, 008A,	009A, 010A, 011A	, 012A,	013A, (014A, 0	15A, 016	A, 017A,			Prep	ared by	: Ana	Venegas	<u> </u>
Comments:	24hr rush															

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.

1534 Willow Pass Rd Pittsburg, CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				WorkO	rder: 1101102	2 Clie	ntCode: CETE	2	
	WaterTrax	WriteOn	✓ EDF	Excel	Fax	✓ Email	HardCopy	ThirdParty	J-flag
Report to:				В	ill to:		Re	equested TAT:	1 day
Nathan Lee	Email:	nlee@craworld.c	om		Accounts Pay	yable			
Conestoga-Rovers & Associates 5900 Hollis St, Suite A	cc: PO:	byifru@craworld.	com		Conestoga-F 5900 Hollis S	Rovers & Assoc st, Ste. A		ate Received:	01/06/2011
Emeryville, CA 94608 (510) 420-0700 FAX (510) 420-9170	ProjectNo:	#9-0020; 1633 H	arrison St. Oaklan	d	Emeryville, C	A 94608	D	ate Printed:	01/06/2011

					Requested Tests (See legend below)												
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3		4	5	6	7	8	9	10	11	12
1101102-015	SP-16	Soil	1/6/2011 12:41		Α		A										
1101102-016	SP-17	Soil	1/6/2011 12:42		Α		Α										
1101102-017	SP-18	Soil	1/6/2011 12:43		Α		Α										
1101102-018	SP-19	Soil	1/6/2011 12:44		Α		Α										
1101102-019	SP-20	Soil	1/6/2011 12:45		Α		Α										
1101102-020	SP-21	Soil	1/6/2011 12:46		Α		Α										

Test Legend:

1 8260VOC_S	2 PREDF REPORT	3 TPH(D)WSG_S	4	5
6	7	8	9	10
11	12			
•	2A, 003A, 004A, 005A, 006A, 007A, 008A, 00	09A, 010A, 011A, 012A, 013A, 014A, 0)15A, 016A, 017A,	Prepared by: Ana Venegas
018A, 019A, 020A contain testgrou	ıp.			

Comments: 24hr rush

> NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

Sample Receipt Checklist

Client Name:	Conestoga-Rovers	& Associates			Date	and Time Received:	1/6/2011	3:51:35 PM
Project Name:	#9-0020; 1633 Harr	ison St. Oaklan	d		Chec	klist completed and	reviewed by:	Ana Venegas
WorkOrder N°:	1101102 N	Matrix <u>Soil</u>			Carri	er: <u>Client Drop-In</u>	<u>1</u>	
		<u>Chain</u>	of Cu	stody (C	COC) Inform	<u>ation</u>		
Chain of custody	y present?		Yes	V	No 🗆			
Chain of custody	y signed when relinquish	ed and received?	Yes	V	No 🗆			
Chain of custody	y agrees with sample lab	els?	Yes	✓	No 🗆			
Sample IDs noted	d by Client on COC?		Yes	V	No 🗆			
Date and Time of	f collection noted by Clien	t on COC?	Yes	~	No 🗆			
Sampler's name	noted on COC?		Yes	V	No 🗆			
		<u>Sa</u>	ample	Receipt	Informatio	<u>n</u>		
Custody seals in	tact on shipping containe	er/cooler?	Yes		No 🗆		NA 🔽	
Shipping contain	er/cooler in good condition	on?	Yes	V	No 🗆			
Samples in prop	er containers/bottles?		Yes	V	No 🗆			
Sample containe	ers intact?		Yes	✓	No 🗆			
Sufficient sample	e volume for indicated tes	st?	Yes	✓	No 🗌			
		Sample Preser	vatio	n and Ho	old Time (H	Γ) Information		
All samples rece	ived within holding time?		Yes	✓	No 🗆			
Container/Temp	Blank temperature		Coole	er Temp:	4.4°C		NA \square	
Water - VOA via	lls have zero headspace	/ no bubbles?	Yes		No 🗆	No VOA vials sub	mitted 🗹	
Sample labels ch	hecked for correct preser	rvation?	Yes	~	No 🗌			
Metal - pH accep	otable upon receipt (pH<2	2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ice Type	e: WE	T ICE)			
* NOTE: If the "I	No" box is checked, see	comments below.						
	======	======		===:	====	=====	====	======
Client contacted:		Date contact	ed:			Contacte	ed by:	
Comments:								

Conestoga-Rovers & Associates
Client Project ID: #9-0020; 1633
Harrison St. Oakland
Date Sampled: 01/06/11
Date Received: 01/06/11
Client Contact: Nathan Lee
Date Extracted: 01/06/11

Emeryville, CA 94608
Client P.O.:
Date Analyzed: 01/06/11-01/07/11

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1101102

Extraction Method: SW5030B	Anal	ytical Method: SW826	0B		Work Order:	1101102
Lab ID	1101102-001A	1101102-002A	1101102-003A	1101102-004A		
Client ID	SP-2	SP-3	SP-4	SP-5	Reporting DF	
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound		Conce	entration		mg/Kg	ug/L
Benzene	ND	ND	ND	ND	0.005	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA
Naphthalene	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA
	Surre	ogate Recoveries	s (%)			
%SS1:	92	95	93	93		
%SS2:	105	104	105	105		
%SS3:	90	91	90	90		
Comments						

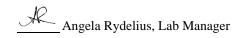
^{*} water and vapor samples and all TCLP & SPLP extracts are reported in $\mu g/L$, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/kg$, product/oil/non-aqueous liquid samples in mg/L.

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

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

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor



Conestoga-Rovers & Associates Client Project ID: #9-0020; 1633 Date Sampled: 01/06/11 Harrison St. Oakland Date Received: 01/06/11 5900 Hollis St, Suite A Date Extracted: 01/06/11 Client Contact: Nathan Lee Emeryville, CA 94608 Client P.O.: Date Analyzed: 01/06/11-01/07/11 Volatile Organics by P&T and GC/MS* Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1101102 Lab ID 1101102-005A 1101102-006A 1101102-007A 1101102-008A SP-6 SP-7 SP-8 SP-9 Client ID Reporting Limit for DF =1 Matrix S S S S DF 1 1 1 1 S W Compound Concentration mg/Kg ug/L Benzene ND ND ND ND 0.005NA Ethylbenzene ND ND ND ND 0.005 NA Methyl-t-butyl ether (MTBE) ND ND ND 0.005NA ND Naphthalene ND ND ND ND 0.005 NA 0.005 Toluene ND ND ND ND NA

Surrogate Recoveries (%)

ND

ND

ND

0.005

NA

ND

		ogute Hecoveries	, (, 0)		
%SS1:	93	92	94	91	
%SS2:	104	104	105	105	
%SS3:	91	89	91	93	
Comments					

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in $\mu g/L$, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/kg$, product/oil/non-aqueous liquid samples in mg/L.

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

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

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

Xylenes



Conestoga-Rovers & Associates

Client Project ID: #9-0020; 1633
Harrison St. Oakland

Date Sampled: 01/06/11

Date Received: 01/06/11

Client Contact: Nathan Lee
Date Extracted: 01/06/11

Emeryville, CA 94608

Client P.O.:
Date Analyzed: 01/06/11-01/07/11

Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1101102

Extraction Method: SW5030B	Anai	lytical Method: SW826	ОВ		work Order:	1101102		
Lab ID	1101102-009A	1101102-010A	1101102-011A	1101102-012A				
Client ID	SP-10	SP-11	SP-12	SP-13	Reporting Limit for DF =1			
Matrix	S	S	S	S				
DF	1	1	1	1	S	W		
Compound		Conce	entration		mg/Kg	ug/L		
Benzene	ND	ND	ND	ND	0.005	NA		
Ethylbenzene	ND	ND	ND	ND	0.005	NA		
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA		
Naphthalene	ND	ND	ND	ND	0.005	NA		
Toluene	ND	ND	ND	ND	0.005	NA		
Xylenes	ND	ND	ND	ND	0.005	NA		
Surrogate Recoveries (%)								
%SS1:	92	89	88	88				
%SS2:	105	107	106	107				
%SS3:	92	114	114	112				
Comments								
		I						

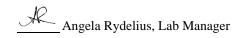
^{*} water and vapor samples and all TCLP & SPLP extracts are reported in $\mu g/L$, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/kg$, product/oil/non-aqueous liquid samples in mg/L.

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

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

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor



Conestoga-Rovers & Associates Client Project ID: #9-0020; 1633 Date Sampled: 01/06/11 Harrison St. Oakland Date Received: 01/06/11 5900 Hollis St, Suite A Date Extracted: 01/06/11 Client Contact: Nathan Lee Emeryville, CA 94608 Client P.O.: Date Analyzed: 01/06/11-01/07/11 Volatile Organics by P&T and GC/MS* Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1101102 Lab ID 1101102-013A 1101102-014A 1101102-015A 1101102-016A SP-14 SP-15 SP-16 SP-17 Client ID Reporting Limit for DF =1 Matrix S S S S DF 1 1 1 1 S W Compound Concentration mg/Kg ug/L Benzene ND ND ND ND 0.005NA Ethylbenzene ND ND ND ND 0.005 NA Methyl-t-butyl ether (MTBE) ND ND ND ND 0.005NA Naphthalene ND ND ND ND 0.005 NA ND 0.005 Toluene ND ND ND NA

Surrogate Recoveries (%)

ND

ND

ND

0.005

NA

ND

%SS1:	87	87	89	88	
%SS2:	106	106	107	105	
%SS3:	112	114	108	111	
Comments					

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in $\mu g/L$, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/kg$, product/oil/non-aqueous liquid samples in mg/L.

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

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

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

Xylenes



Conestoga-Rovers & Associates Client Project ID: #9-0020; 1633 Date Sampled: 01/06/11 Harrison St. Oakland Date Received: 01/06/11 5900 Hollis St, Suite A Date Extracted: 01/06/11 Client Contact: Nathan Lee Emeryville, CA 94608 Client P.O.: Date Analyzed: 01/06/11-01/07/11 Volatile Organics by P&T and GC/MS* Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1101102 Lab ID 1101102-017A 1101102-018A 1101102-019A 1101102-020A SP-18 SP-19 SP-20 SP-21 Client ID Reporting Limit for DF =1 Matrix S S S S DF 1 1 1 1 S W Compound Concentration mg/Kg ug/L Benzene ND ND ND ND 0.005NA Ethylbenzene ND ND ND ND 0.005 NA Methyl-t-butyl ether (MTBE) ND ND ND ND 0.005NA Naphthalene ND ND ND ND 0.005 NA ND 0.005 Toluene ND ND ND NA

Surrogate Recoveries (%)

ND

ND

ND

0.005

NA

ND

%SS1:	88	88	90	87	
%SS2:	105	106	105	105	
%SS3:	107	108	110	109	
Comments					

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in $\mu g/L$, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/kg$, product/oil/non-aqueous liquid samples in mg/L.

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

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

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

Xylenes



Conestoga-Rovers & Associates	Client Project ID: #9-0020; 1633	Date Sampled: 01/06/11
5900 Hollis St, Suite A	Harrison St. Oakland	Date Received: 01/06/11
	Client Contact: Nathan Lee	Date Extracted: 01/06/11
Emeryville, CA 94608	Client P.O.:	Date Analyzed 01/06/11-01/07/11

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

	Gasonne Ka	inge (Co-C12) v	olathe Hydrocardons as Gasoline*			
Extraction method SW5	030B	Analytic	al methods SW8015Bm	Wo	rk Order:	1101102
Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	SP-2	S	ND	1	101	
002A	SP-3	S	ND	1	100	
003A	SP-4	S	ND	1	100	
004A	SP-5	S	ND	1	98	
005A	SP-6	S	ND	1	101	
006A	SP-7	S	ND	1	102	
007A	SP-8	S	ND	1	105	
008A	SP-9	S	ND	1	103	
009A	SP-10	S	ND	1	107	
010A	SP-11	S	ND	1	108	
011A	SP-12	S	ND	1	108	
012A	SP-13	S	ND	1	107	
013A	SP-14	S	ND	1	105	
014A	SP-15	S	ND	1	108	
015A	SP-16	S	ND	1	106	
016A	SP-17	S	ND	1	107	
_	ng Limit for DF =1;	W	NA		NA	
	ns not detected at or the reporting limit	S	1.0		mg/Kg	g

above the reporting limit	S	1.0	mg/Kg			
* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid						
samples and all TCLP & SPLP extracts in mg/L.						

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

Angela Rydelius, Lab Manager

[%]SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

Conestoga-Rovers & Associates	Client Project ID: #9-0020; 1633 Harrison St. Oakland	Date Sampled: 01/06/11
5900 Hollis St, Suite A	Harrison St. Oakiand	Date Received: 01/06/11
	Client Contact: Nathan Lee	Date Extracted: 01/06/11
Emeryville, CA 94608	Client P.O.:	Date Analyzed 01/06/11-01/07/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline* Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1101102 Lab ID Client ID Matrix TPH(g) DF % SS Comments 017A SP-18 S ND 1 111 111

017A	SP-18	S	ND	1	111	
018A	SP-19	S	ND	1	106	
019A	SP-20	S	ND	1	103	
020A	SP-21	S	ND	1	103	

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

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

%SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

Angela Rydelius, Lab Manager

Conestoga-Rovers & Associates Client Project ID: #9-0020; 1633 Date Sampled: 01/06/11 Harrison St. Oakland Date Received: 01/06/11 5900 Hollis St, Suite A Client Contact: Nathan Lee Date Extracted: 01/06/11 Emeryville, CA 94608 Client P.O.: Date Analyzed 01/06/01-01/07/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method SW3550B/3630C Analytical methods: SW8015B Work Order: 1101102

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1101102-001A	SP-2	S	14	1	108	e7,e2
1101102-002A	SP-3	S	13	5	103	e7,e2
1101102-003A	SP-4	S	13	5	101	e7,e2
1101102-004A	SP-5	S	13	5	105	e7
1101102-005A	SP-6	S	55	5	104	e7,e2
1101102-006A	SP-7	S	16	5	92	e7,e2
1101102-007A	SP-8	S	40	10	99	e7,e2
1101102-008A	SP-9	S	16	1	104	e7,e2
1101102-009A	SP-10	s	57	5	106	e7,e2
1101102-010A	SP-11	S	23	5	102	e7,e2
1101102-011A	SP-12	S	15	5	103	e7,e2
1101102-012A	SP-13	S	18	5	106	e7,e2
1101102-013A	SP-14	S	7.9	1	106	e7,e2
1101102-014A	SP-15	S	3.6	1	112	e7
1101102-015A	SP-16	S	12	5	103	e7,e2
	Limit for DF =1;	W	NA		N	A
	not detected at or	S	1.0		mg	/Kg

above the reporting limit	S	1.0	mg/Kg
* water samples are reported in µg/L, wipe samples in	in μg/wipe, so	oil/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	ug/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.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

- e2) diesel range compounds are significant; no recognizable pattern
- e7) oil range compounds are significant



⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #9-0020; 1633 Harrison St. Oakland	Date Sampled: 01/06/11
5900 Hollis St, Suite A	Harrison St. Oakiand	Date Received: 01/06/11
	Client Contact: Nathan Lee	Date Extracted: 01/06/11
Emeryville, CA 94608	Client P.O.:	Date Analyzed 01/06/01-01/07/11

	Total Extract	table Petroleum Hyd	rocarbons with Silica Gel Cle	ean-Up*		
Extraction method SW3	3550B/3630C	Analytical	methods: SW8015B		Work Orde	er: 1101102
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1101102-016A	SP-17	S	11	2	101	e7,e2
1101102-017A	SP-18	S	13	5	107	e7,e2
1101102-018A	SP-19	S	7.1	1	113	e7,e2
1101102-019A	SP-20	S	6.4	1	107	e7,e2
1101102-020A	SP-21	s	11	5	107	e7,e2
	g Limit for DF =1;	W	NA		N	A
	s not detected at or ne reporting limit	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 $\mu g/L$.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

- +The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
- e2) diesel range compounds are significant; no recognizable pattern
- e7) oil range compounds are significant

Angela Rydelius, Lab Manager

[#] 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.

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 55425 WorkOrder 1101102

EPA Method SW8260B	Extraction SW5030B Spiked Sample ID: 1101038-001A											
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	1
7 mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	80.1	81.1	1.24	81.1	78.4	3.29	70 - 130	30	70 - 130	30
Benzene	ND	0.050	112	110	1.53	111	109	1.60	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	87.2	93.1	6.50	87	86.2	0.961	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	112	111	0.715	111	110	1.03	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	102	94.1	7.76	102	101	0.915	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	101	100	0.831	100	98.3	1.93	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	110	105	4.73	106	106	0	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	116	116	0	115	113	2.48	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	92.6	93.4	0.816	92.2	92.6	0.384	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	102	104	2.55	104	103	0.909	70 - 130	30	70 - 130	30
Toluene	ND	0.050	121	120	1.24	118	117	1.06	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	119	117	1.75	116	115	1.31	70 - 130	30	70 - 130	30
%SS1:	95	0.13	114	116	1.10	113	111	1.65	70 - 130	30	70 - 130	30
% SS2:	103	0.13	107	108	1.52	106	107	1.20	70 - 130	30	70 - 130	30
%SS3:	93	0.013	117	119	1.73	114	117	2.84	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 55425 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-001A	01/06/11 12:27 PM	01/06/11	01/06/11 7:37 PM	1101102-002A	01/06/11 12:28 PM	01/06/11	01/06/11 8:19 PM
1101102-003A	01/06/11 12:29 PM	01/06/11	01/06/11 9:01 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 = <math>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.

QA/QC Officer

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 55467 WorkOrder 1101102

EPA Method SW8260B	nod SW8260B Extraction SW5030B Spiked Sample ID: 1101102-020a											
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%))
, unary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	77.6	74.7	3.76	85.1	82.2	3.38	70 - 130	30	70 - 130	30
Benzene	ND	0.050	115	108	6.20	116	114	2.12	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	78.9	78	1.10	93	90.8	2.37	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	111	105	5.43	111	109	2.19	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	91.8	87.3	4.94	101	96.8	4.31	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	100	95.9	4.19	107	105	2.20	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	124	118	5.02	127	124	2.32	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	119	113	5.16	123	121	1.95	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	104	98.7	5.09	110	108	2.07	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	105	100	4.45	113	111	1.25	70 - 130	30	70 - 130	30
Toluene	ND	0.050	117	110	5.87	118	116	1.41	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	116	110	5.86	116	114	0.963	70 - 130	30	70 - 130	30
%SS1:	87	0.13	94	94	0	94	95	0.327	70 - 130	30	70 - 130	30
%SS2:	105	0.13	106	106	0	105	106	0.509	70 - 130	30	70 - 130	30
%SS3:	109	0.013	88	88	0	90	94	4.38	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 55467 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-004A	01/06/11 12:30 PM	01/06/11	01/06/11 9:46 PM	1101102-005A	01/06/11 12:31 PM	01/06/11	01/06/11 10:29 PM
1101102-006A	01/06/11 12:32 PM	01/06/11	01/06/11 11:11 PM	1101102-007A	01/06/11 12:33 PM	01/06/11	01/06/11 11:52 PM
1101102-008A	01/06/11 12:34 PM	01/06/11	01/07/11 12:34 AM	1101102-009A	01/06/11 12:35 PM	01/06/11	01/07/11 1:16 AM
1101102-010A	01/06/11 12:36 PM	01/06/11	01/06/11 9:13 PM	1101102-011A	01/06/11 12:37 PM	01/06/11	01/06/11 9:56 PM
1101102-012A	01/06/11 12:38 PM	01/06/11	01/06/11 10:38 PM	1101102-013A	01/06/11 12:39 PM	01/06/11	01/06/11 11:20 PM
1101102-014A	01/06/11 12:40 PM	01/06/11	01/07/11 12:02 AM	1101102-015A	01/06/11 12:41 PM	01/06/11	01/07/11 12:46 AM
1101102-016A	01/06/11 12:42 PM	01/06/11	01/07/11 1:29 AM	1101102-017A	01/06/11 12:43 PM	01/06/11	01/07/11 2:12 AM
1101102-018A	01/06/11 12:44 PM	01/06/11	01/07/11 2:54 AM	1101102-019A	01/06/11 12:45 PM	01/06/11	01/07/11 3:37 AM
1101102-020A	01/06/11 12:46 PM	01/06/11	01/07/11 4:20 AM				

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 = <math>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.

A QA/QC Officer

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

QC Matrix: Soil BatchID: 55447 WorkOrder 1101102 W.O. Sample Matrix: Soil

EPA Method SW8021B/8015Bm Extraction SW5030B Spiked Sample ID: 1101082-006A)06A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
/ mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)	ND	0.60	98.8	102	2.80	105	108	2.75	70 - 130	20	70 - 130	20
MTBE	ND	0.10	105	107	1.67	105	107	2.60	70 - 130	20	70 - 130	20
Benzene	ND	0.10	96.6	97.9	1.35	101	101	0	70 - 130	20	70 - 130	20
Toluene	ND	0.10	94.6	95.3	0.777	97.6	99.5	1.92	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	95.9	97	1.20	96.8	99	2.27	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	98.8	99.8	0.969	102	101	0.316	70 - 130	20	70 - 130	20
%SS:	100	0.10	108	106	1.79	109	104	4.47	70 - 130	20	70 - 130	20

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

BATCH 55447 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-001A	01/06/11 12:27 PM	01/06/11	01/06/11 8:01 PM	1101102-002A	01/06/11 12:28 PM	01/06/11	01/06/11 8:31 PM
1101102-003A	01/06/11 12:29 PM	01/06/11	01/06/11 9:01 PM	1101102-004A	01/06/11 12:30 PM	01/06/11	01/06/11 9:30 PM
1101102-005A	01/06/11 12:31 PM	01/06/11	01/06/11 10:00 PM	1101102-006A	01/06/11 12:32 PM	01/06/11	01/06/11 10:30 PM
1101102-007A	01/06/11 12:33 PM	01/06/11	01/06/11 11:00 PM	1101102-008A	01/06/11 12:34 PM	01/06/11	01/06/11 11:30 PM
1101102-009A	01/06/11 12:35 PM	01/06/11	01/06/11 11:59 PM	1101102-010A	01/06/11 12:36 PM	01/06/11	01/07/11 12:59 AM
1101102-011A	01/06/11 12:37 PM	01/06/11	01/07/11 2:28 AM	1101102-012A	01/06/11 12:38 PM	01/06/11	01/07/11 2:57 AM
1101102-013A	01/06/11 12:39 PM	01/06/11	01/07/11 3:27 AM	1101102-014A	01/06/11 12:40 PM	01/06/11	01/07/11 3:57 AM

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).

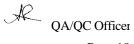
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

£ TPH(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 = matrix interference and/or 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.



1534 Willow Pass Road, Pittsburg, CA 94565-1701 Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

QC Matrix: Soil BatchID: 55466 WorkOrder 1101102 W.O. Sample Matrix: Soil

EPA Method SW8021B/8015Bm Extraction SW5030B Spiked Sample ID: 1101102-020A												20A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
/ way to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex [£]	ND	0.60	89.2	90.2	1.03	105	90.9	14.7	70 - 130	20	70 - 130	20
MTBE	ND	0.10	114	102	10.5	99.2	104	4.74	70 - 130	20	70 - 130	20
Benzene	ND	0.10	94	95.8	1.91	95.1	94.5	0.621	70 - 130	20	70 - 130	20
Toluene	ND	0.10	92.8	93.6	0.935	92.9	92.3	0.736	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	94.5	95.4	0.955	94.6	94	0.569	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	97.4	98.7	1.29	97.3	97	0.358	70 - 130	20	70 - 130	20
%SS:	103	0.10	97	84	14.8	94	88	6.14	70 - 130	20	70 - 130	20

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

BATCH 55466 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-015A	01/06/11 12:41 PM	01/06/11	01/07/11 4:26 AM	1101102-016A	01/06/11 12:42 PM	01/06/11	01/07/11 4:56 AM
1101102-017A	01/06/11 12:43 PM	01/06/11	01/07/11 5:25 AM	1101102-018A	01/06/11 12:44 PM	01/06/11	01/07/11 5:55 AM
1101102-019A	01/06/11 12:45 PM	01/06/11	01/07/11 6:54 AM	1101102-020A	01/06/11 12:46 PM	01/06/11	01/07/11 7:24 AM

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(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 = matrix interference and/or 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.

A QA/QC Officer

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 55462 WorkOrder 1101102

EPA Method SW8015B	Spiked Sample ID: 1101098-001A											
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	١
, many to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	3.5	40	95.6	95.7	0.152	98.1	98.8	0.720	70 - 130	30	70 - 130	30
%SS:	109	25	113	113	0	94	95	1.03	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 55462 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-001A	01/06/11 12:27 PM	01/06/11	01/07/01 1:53 AM	1101102-002A	01/06/11 12:28 PM	01/06/11	01/06/01 9:22 PM
1101102-003A	01/06/11 12:29 PM	01/06/11	01/07/01 1:53 AM	1101102-004A	01/06/11 12:30 PM	01/06/11	01/07/11 10:51 AM
1101102-005A	01/06/11 12:31 PM	01/06/11	01/07/11 8:12 AM	1101102-006A	01/06/11 12:32 PM	01/06/11	01/07/11 1:42 PM
1101102-007A	01/06/11 12:33 PM	01/06/11	01/07/11 2:25 PM	1101102-008A	01/06/11 12:34 PM	01/06/11	01/06/01 9:22 PM
1101102-009A	01/06/11 12:35 PM	01/06/11	01/07/01 1:19 PM	1101102-010A	01/06/11 12:36 PM	01/06/11	01/07/01 1:19 PM
1101102-011A	01/06/11 12:37 PM	01/06/11	01/07/01 5:16 AM	1101102-012A	01/06/11 12:38 PM	01/06/11	01/07/01 6:24 AM
1101102-013A	01/06/11 12:39 PM	01/06/11	01/07/11 3:36 PM	1101102-014A	01/06/11 12:40 PM	01/06/11	01/07/11 5:54 AM
1101102-015A	01/06/11 12:41 PM	01/06/11	01/07/11 7:03 AM	1101102-016A	01/06/11 12:42 PM	01/06/11	01/07/01 3:37 PM
1101102-017A	01/06/11 12:43 PM	01/06/11	01/07/11 12:37 PM	1101102-018A	01/06/11 12:44 PM	01/06/11	01/07/11 8:12 AM
1101102-019A	01/06/11 12:45 PM	01/06/11	01/07/11 5:54 AM				

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.

DHS ELAP Certification 1644

QA/QC Officer

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 55465 WorkOrder 1101102

EPA Method SW8015B	Extrac	Spiked Sample ID: 1101102-										
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
, mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	15	40	79.2	79	0.174	99.3	100	0.694	70 - 130	30	70 - 130	30
%SS:	100	25	102	108	5.44	95	96	0.815	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 55465 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1101102-020A	01/06/11 12:46 PM	1 01/06/11	01/07/11 2:25 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.

QA/QC Officer

McCampbell A		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: #311956;	9-0020	Date Sampled:	01/06/11				
5900 Hollis St, Suite A			Date Received:	01/06/11				
3700 Home Bt, Built H	Client Contact: Nathan Le	e	Date Reported:	01/07/11				
Emeryville, CA 94608		Date Completed:	01/07/11					

WorkOrder: 1101098

January 07, 2011

Dear	Nathan	

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: #311956; 9-0020,
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice 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 or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager

McCampbell Analytical, Inc.

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SAMPLE ID	LOCATION/			ers	Fype Containers									as C	TPH as Diesel (8015)	Total Petroleum Oil	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (GPA 602-/8024)	EPA 505/ 608 / 8081 (CI Pesticides)	2 PC	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	ls (20	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 /	sample for DISSOLVED		
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gloved, open air, samp allowing us to work sa	ifely.	TAI STAIL	Non-discio	sure in	cursa	111111	meun	ate 3	230 8	urci	larg	e an	u tne	che	nt is:	subje	et to	Tutt	iegai	Habi	iity i	or n	arm:	surre	rea.	Ina	пк ус	ou Io	r you	urun	derstan	ding and for
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RESULTS ALSO TO byiftu@Craworld.com.

McCampbell Analytical, Inc.

1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Pittsburg, CA 94565-1701 WorkOrder: 1101098 **ClientCode: CETE** (925) 252-9262 WaterTrax WriteOn **✓** EDF Excel Fax ✓ Email HardCopy ThirdParty J-flag Bill to: Report to: Requested TAT: 1 day nlee@craworld.com Accounts Payable Nathan Lee Email: Conestoga-Rovers & Associates cc: byifru@craworld.com Conestoga-Rovers & Associates Date Received: 01/06/2011 PO: 5900 Hollis St, Suite A 5900 Hollis St, Ste. A Date Printed: Emeryville, CA 94608 ProjectNo: #311956; 9-0020 Emeryville, CA 94608 01/06/2011 (510) 420-0700 FAX (510) 420-9170 Requested Tests (See legend below) Lab ID **Client ID** Matrix Collection Date Hold 2 3 5 6 8 9 10 12 1 11 1101098-001 TP-1 Soil 1/6/2011 7:35 Α

lest Legend	<u>L</u> :				
1 MBTE	EX-8260B_S 2	PREDF REPORT	3 TPH(D)WSG_S	4	5
6	7		8	9	10
11	12	2			
The following S	SampID: 001A contains testgro	oup.			Prepared by: Ana Venegas

Comments: 24hr rush

> NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

Sample Receipt Checklist

Client Name:	Conestoga-R	overs & Associates			Date a	and Time Received:	1/6/2011 3	3:36:16 PM
Project Name:	#311956; 9-00	20			Check	klist completed and r	eviewed by:	Ana Venegas
WorkOrder N°:	1101098	Matrix Soil			Carrie	r: <u>Client Drop-In</u>		
		<u>Chair</u>	n of Cu	stody (C	COC) Informa	ation		
Chain of custody	y present?		Yes	V	No 🗆			
Chain of custody	y signed when reli	nquished and received?	Yes	V	No 🗆			
Chain of custody	y agrees with sam	ole labels?	Yes	✓	No 🗌			
Sample IDs noted	d by Client on COC	?	Yes	V	No 🗆			
Date and Time of	f collection noted b	y Client on COC?	Yes	~	No 🗆			
Sampler's name	noted on COC?		Yes	✓	No 🗆			
		<u>s</u>	ample	Receipt	t Information	<u>!</u>		
Custody seals in	tact on shipping c	ontainer/cooler?	Yes		No 🗆		NA 🔽	
Shipping contain	er/cooler in good o	condition?	Yes	V	No 🗆			
Samples in prop	er containers/bottl	es?	Yes	~	No 🗆			
Sample containe	ers intact?		Yes	✓	No 🗆			
Sufficient sample	e volume for indica	ited test?	Yes	✓	No 🗌			
		Sample Prese	rvatio	n and Ho	old Time (HT) Information		
All samples rece	ived within holding	time?	Yes	✓	No 🗌			
Container/Temp	Blank temperature		Coole	er Temp:	4.4°C		NA \square	
Water - VOA via	ils have zero head	space / no bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	hecked for correct	preservation?	Yes	~	No 🗌			
Metal - pH accep	otable upon receipt	(pH<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ісе Тур	e: WE	T ICE)			
* NOTE: If the "I	No" box is checke	d, see comments below.						
=====		======	=		====	=====	====	======
Client contacted:		Date contac	ted:			Contacted	by:	
Comments:								

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com

	"When Ouality Counts"			Telephone: 8	377-252-9262 Fa		•	Zom			
Conestoga-R	overs & Associates	Clie	ent Project ID:	#311956; 9-0020	Date Sample	ed: 01	/06/11				
5900 Hollis S	t, Suite A				Date Receiv	ed: 01	/06/11				
	,,,,,,,	Clie	ent Contact: N	athan Lee	Date Extracted: 01/06/11						
Emeryville, C	A 94608	Clie	ent P.O.:		Date Analyz	zed 01	/06/11				
		ange		tile Hydrocarbons as G	asoline*						
Extraction method				nethods SW8015Bm		Work Order: 1101098					
Lab ID	Client ID		Matrix	TPH(g)		Comments					
001A	TP-1		S	ND		1	99				
	porting Limit for DF =1;		W	NA			NA				
	means not detected at or bove the reporting limit		S	1.0			mg/K	g			
	or samples are reported in µg/L, so	il/sluc	lge/solid samples	in mg/kg, wipe samples in μ	ıg/wipe, product	/oil/non-	aqueous	iquid			

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

%SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

Angela Rydelius, Lab Manager

When Suanty				77 232 7202 Tax. 72.	,,		
Conestoga-Rovers & Associates	Client Pr	roject ID: #311956	5; 9-0020	Date Sampled:	01/06/11		
5900 Hollis St, Suite A				Date Received:	01/06/11		
,	Client C	ontact: Nathan L	ee	Date Extracted:	01/06/11		
Emeryville, CA 94608	Client P.	O.:		Date Analyzed:	01/06/11		
	МП	BE and BTEX by (GC/MS*				
Extraction Method: SW5030B	Ana	lytical Method: SW826	0B		Work Order:	1101098	
Lab ID	1101098-001A						
Client ID	TP-1				Reporting DF		
Matrix	S						
DF	1				S	W	
Compound		Conce	entration		mg/kg	ug/L	
Benzene	ND				0.005	NA	
Ethylbenzene	ND				0.005	NA	
Methyl-t-butyl ether (MTBE)	ND				0.005	NA	
Toluene	ND				0.005	NA	
Xylenes	ND				0.005	NA	
	Surr	ogate Recoveries	s (%)				
%SS1:	94						
%SS2:	105						
Comments							

ND means not detected above the reporting limit/method detection 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.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor



^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/wipe$.

Conestoga-Rovers & Associates	Client Project ID: #311956; 9-0020	Date Sampled: 01/06/11
5900 Hollis St, Suite A		Date Received: 01/06/11
	Client Contact: Nathan Lee	Date Extracted: 01/06/11
Emeryville, CA 94608	Client P.O.:	Date Analyzed 01/07/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up* Extraction method SW3550B/3630C Analytical methods: SW8015B Work Order: 1101098 TPH-Diesel Client ID DF Lab ID Matrix % SS Comments (C10-C23) 1101098-001A TP-1 S 2.2 111 e7,e2 Reporting Limit for DF = 1; NA

			1
ND means not detected at or	C	1.0	mg/Vg
above the reporting limit	2	1.0	nig/Kg
* water samples are reported in ug/L, wine samples in	n ug/wine. so	oil/solid/sludge samples in mg/kg_product/oil/non-	-aqueous liquid samples in mg/L

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

- +The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
- e2) diesel range compounds are significant; no recognizable pattern
- e7) oil range compounds are significant

Angela Rydelius, Lab Manager

[#] 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.

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 55447 WorkOrder 1101098

EPA Method SW8015Bm Extraction SW5030B Spiked Sample ID: 1101082-006A												
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)	ND	0.60	98.8	102	2.80	105	108	2.75	70 - 130	20	70 - 130	20
MTBE	ND	0.10	105	107	1.67	105	107	2.60	70 - 130	20	70 - 130	20
Benzene	ND	0.10	96.6	97.9	1.35	101	101	0	70 - 130	20	70 - 130	20
Toluene	ND	0.10	94.6	95.3	0.777	97.6	99.5	1.92	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	95.9	97	1.20	96.8	99	2.27	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	98.8	99.8	0.969	102	101	0.316	70 - 130	20	70 - 130	20
%SS:	100	0.10	108	106	1.79	109	104	4.47	70 - 130	20	70 - 130	20

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

BATCH 55447 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101098-001A	01/06/11 7:35 AM	1 01/06/11	01/06/11 7:31 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).

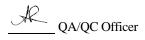
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

£ 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 = matrix interference and/or 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

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 55425 WorkOrder 1101098

EPA Method SW8260B	PA Method SW8260B Extraction SW5030B Spiked Sample ID: 1101038-0								01A				
Analyte	Sample	Spiked	MS	MSD MS-MSD LCS LCSD LCS-LCSD						Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
Benzene	ND	0.050	112	110	1.53	111	109	1.60	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	102	104	2.55	104	103	0.909	70 - 130	30	70 - 130	30	
Toluene	ND	0.050	121	120	1.24	118	117	1.06	70 - 130	30	70 - 130	30	
%SS1:	95	0.13	114	116	1.10	113	111	1.65	70 - 130	30	70 - 130	30	
%SS2:	103	0.13	107	108	1.52	106	107	1.20	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 55425 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101098-001A	01/06/11 7:35 AM	1 01/06/11	01/06/11 6:55 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.

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

QA/QC Officer

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 55462 WorkOrder 1101098

EPA Method SW8015B Extraction SW3550B/3630C								Spiked Sample ID: 1101098-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	3.5	40	95.6	95.7	0.152	98.1	98.8	0.720	70 - 130	30	70 - 130	30
%SS:	109	25	113	113	0	94	95	1.03	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 55462 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101098-001A	01/06/11 7:35 AM	01/06/11	01/07/11 2:51 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.

DHS ELAP Certification 1644

QA/QC Officer