

## Wickham, Jerry, Env. Health

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**From:** Schaefer, Peter [pschaefer@croworld.com]  
**Sent:** Thursday, April 11, 2013 12:47 PM  
**To:** Wickham, Jerry, Env. Health  
**Cc:** denis.l.brown@shell.com; Cool, Aubrey; Project Email Hold; Brennan, Lee; Schrupp, Jeff  
**Subject:** RO0360-4212 First St., Pleasanton - SV-2 sampling results ~COR-240523~  
**Attachments:** J42788-1 UDS Level 2 Report Final Report.pdf

Jerry,

As you requested in our April 3, 2013 telephone call, we obtained a soil vapor sample from soil vapor probe SV-2 on April 3, 2013. As shown in the attached analytical report, no total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, total xylenes, methyl tertiary-butyl ether, or tertiary-butyl alcohol were detected in the sample.

Regards,

**Peter Schaefer, CEG, CHG**

**Conestoga-Rovers & Associates**

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**Think before you print**

**Perform every task the safe way, the right way, every time!**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-42788-1

Client Project/Site: 4212 First St., Pleasanton, CA

For:

Conestoga-Rovers & Associates, Inc.

5900 Hollis Street

Suite A

Emeryville, California 94608

Attn: Peter Schaefer



Authorized for release by:

4/9/2013 9:48:07 AM

Philip Sanelle

Project Manager I

[philip.sanelle@testamericainc.com](mailto:philip.sanelle@testamericainc.com)

### LINKS

Review your project  
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TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Sample Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-42788-1	EW-2	Air	04/03/13 10:20	04/04/13 09:40
440-42788-2	SVE-4	Air	04/03/13 10:25	04/04/13 09:40
440-42788-3	SV-2	Air	04/03/13 13:35	04/04/13 09:40

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# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

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**Job ID: 440-42788-1**

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**Laboratory: TestAmerica Irvine**

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**Narrative**

**Job Narrative**  
**440-42788-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 4/4/2013 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 22.0° C.

**GC/MS VOA**

No analytical or quality issues were noted.

**VOA Prep**

No analytical or quality issues were noted.

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# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

**Client Sample ID: EW-2**

**Lab Sample ID: 440-42788-1**

Date Collected: 04/03/13 10:20

Matrix: Air

Date Received: 04/04/13 09:40

Sample Container: Tedlar Bag 1L

**Method: 8260B/CA\_LUFTMS - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	<b>9500</b>		250		mg/m3			04/05/13 15:01	2.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	<b>2300</b>		61		ppm v/v			04/05/13 15:01	2.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		80 - 120		04/05/13 15:01	2.5
4-Bromofluorobenzene (Surr)	101		80 - 120		04/05/13 15:01	2.5
Toluene-d8 (Surr)	108		80 - 120		04/05/13 15:01	2.5

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>7.5</b>		2.0		mg/m3			04/05/13 13:33	1
<b>Ethylbenzene</b>	<b>16</b>		2.0		mg/m3			04/05/13 13:33	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		mg/m3			04/05/13 13:33	1
Toluene	ND		2.0		mg/m3			04/05/13 13:33	1
<b>Xylenes, Total</b>	<b>32</b>		6.0		mg/m3			04/05/13 13:33	1
tert-Butyl alcohol (TBA)	ND		200		mg/m3			04/05/13 13:33	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>2.4</b>		0.63		ppm v/v			04/05/13 13:33	1
<b>Ethylbenzene</b>	<b>3.6</b>		0.46		ppm v/v			04/05/13 13:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.55		ppm v/v			04/05/13 13:33	1
Toluene	ND		0.53		ppm v/v			04/05/13 13:33	1
<b>Xylenes, Total</b>	<b>7.4</b>		1.4		ppm v/v			04/05/13 13:33	1
tert-Butyl alcohol (TBA)	ND		66		ppm v/v			04/05/13 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		80 - 120		04/05/13 13:33	1
Dibromofluoromethane (Surr)	94		80 - 120		04/05/13 13:33	1
Toluene-d8 (Surr)	107		80 - 120		04/05/13 13:33	1

**Client Sample ID: SVE-4**

**Lab Sample ID: 440-42788-2**

Date Collected: 04/03/13 10:25

Matrix: Air

Date Received: 04/04/13 09:40

Sample Container: Tedlar Bag 1L

**Method: 8260B/CA\_LUFTMS - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	<b>1200</b>		100		mg/m3			04/05/13 14:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	<b>300</b>		24		ppm v/v			04/05/13 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		80 - 120		04/05/13 14:03	1
4-Bromofluorobenzene (Surr)	105		80 - 120		04/05/13 14:03	1
Toluene-d8 (Surr)	107		80 - 120		04/05/13 14:03	1

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# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

**Client Sample ID: SVE-4**

**Lab Sample ID: 440-42788-2**

Date Collected: 04/03/13 10:25

Matrix: Air

Date Received: 04/04/13 09:40

Sample Container: Tedlar Bag 1L

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		mg/m3			04/05/13 14:03	1
<b>Ethylbenzene</b>	<b>8.5</b>		2.0		mg/m3			04/05/13 14:03	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		mg/m3			04/05/13 14:03	1
Toluene	ND		2.0		mg/m3			04/05/13 14:03	1
<b>Xylenes, Total</b>	<b>24</b>		6.0		mg/m3			04/05/13 14:03	1
tert-Butyl alcohol (TBA)	ND		200		mg/m3			04/05/13 14:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.63		ppm v/v			04/05/13 14:03	1
<b>Ethylbenzene</b>	<b>2.0</b>		0.46		ppm v/v			04/05/13 14:03	1
Methyl-t-Butyl Ether (MTBE)	ND		0.55		ppm v/v			04/05/13 14:03	1
Toluene	ND		0.53		ppm v/v			04/05/13 14:03	1
<b>Xylenes, Total</b>	<b>5.6</b>		1.4		ppm v/v			04/05/13 14:03	1
tert-Butyl alcohol (TBA)	ND		66		ppm v/v			04/05/13 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		04/05/13 14:03	1
Dibromofluoromethane (Surr)	97		80 - 120		04/05/13 14:03	1
Toluene-d8 (Surr)	107		80 - 120		04/05/13 14:03	1

**Client Sample ID: SV-2**

**Lab Sample ID: 440-42788-3**

Date Collected: 04/03/13 13:35

Matrix: Air

Date Received: 04/04/13 09:40

Sample Container: Tedlar Bag 1L

**Method: 8260B/CA\_LUFTMS - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		100		mg/m3			04/05/13 14:32	1
<b>Analyte</b>	<b>Result</b>	<b>Qualifier</b>	<b>RL</b>	<b>MDL</b>	<b>Unit</b>	<b>D</b>	<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Volatile Fuel Hydrocarbons (C4-C12)	ND		24		ppm v/v			04/05/13 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		80 - 120		04/05/13 14:32	1
4-Bromofluorobenzene (Surr)	99		80 - 120		04/05/13 14:32	1
Toluene-d8 (Surr)	105		80 - 120		04/05/13 14:32	1

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		mg/m3			04/05/13 14:32	1
Ethylbenzene	ND		2.0		mg/m3			04/05/13 14:32	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		mg/m3			04/05/13 14:32	1
Toluene	ND		2.0		mg/m3			04/05/13 14:32	1
Xylenes, Total	ND		6.0		mg/m3			04/05/13 14:32	1
tert-Butyl alcohol (TBA)	ND		200		mg/m3			04/05/13 14:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.63		ppm v/v			04/05/13 14:32	1
Ethylbenzene	ND		0.46		ppm v/v			04/05/13 14:32	1
Methyl-t-Butyl Ether (MTBE)	ND		0.55		ppm v/v			04/05/13 14:32	1
Toluene	ND		0.53		ppm v/v			04/05/13 14:32	1
Xylenes, Total	ND		1.4		ppm v/v			04/05/13 14:32	1

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# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

**Client Sample ID: SV-2**

**Lab Sample ID: 440-42788-3**

**Date Collected: 04/03/13 13:35**

**Matrix: Air**

**Date Received: 04/04/13 09:40**

**Sample Container: Tedlar Bag 1L**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		66		ppm v/v			04/05/13 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		04/05/13 14:32	1
Dibromofluoromethane (Surr)	99		80 - 120		04/05/13 14:32	1
Toluene-d8 (Surr)	105		80 - 120		04/05/13 14:32	1





# Method Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8260B/CA_LUFTM S	Volatile Organic Compounds by GC/MS	SW846	TAL IRV

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022



# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

## Client Sample ID: EW-2

Date Collected: 04/03/13 10:20

Date Received: 04/04/13 09:40

## Lab Sample ID: 440-42788-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 cc	10 mL	96357	04/05/13 13:33	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2.5	5 cc	10 mL	96358	04/05/13 15:01	SS	TAL IRV

## Client Sample ID: SVE-4

Date Collected: 04/03/13 10:25

Date Received: 04/04/13 09:40

## Lab Sample ID: 440-42788-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 cc	10 mL	96357	04/05/13 14:03	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 cc	10 mL	96358	04/05/13 14:03	SS	TAL IRV

## Client Sample ID: SV-2

Date Collected: 04/03/13 13:35

Date Received: 04/04/13 09:40

## Lab Sample ID: 440-42788-3

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 cc	10 mL	96357	04/05/13 14:32	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	5 cc	10 mL	96358	04/05/13 14:32	SS	TAL IRV

**Laboratory References:**

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-96357/24

Matrix: Air

Analysis Batch: 96357

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		mg/m3			04/05/13 09:18	1
Ethylbenzene	ND		2.0		mg/m3			04/05/13 09:18	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		mg/m3			04/05/13 09:18	1
Toluene	ND		2.0		mg/m3			04/05/13 09:18	1
Xylenes, Total	ND		6.0		mg/m3			04/05/13 09:18	1
tert-Butyl alcohol (TBA)	ND		200		mg/m3			04/05/13 09:18	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.63		ppm v/v			04/05/13 09:18	1
Ethylbenzene	ND		0.46		ppm v/v			04/05/13 09:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.55		ppm v/v			04/05/13 09:18	1
Toluene	ND		0.53		ppm v/v			04/05/13 09:18	1
Xylenes, Total	ND		1.4		ppm v/v			04/05/13 09:18	1
tert-Butyl alcohol (TBA)	ND		66		ppm v/v			04/05/13 09:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		04/05/13 09:18	1
Dibromofluoromethane (Surr)	98		80 - 120		04/05/13 09:18	1
Toluene-d8 (Surr)	105		80 - 120		04/05/13 09:18	1

Lab Sample ID: LCS 440-96357/5

Matrix: Air

Analysis Batch: 96357

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	27.3		mg/m3		109	70 - 120
Ethylbenzene	25.0	27.3		mg/m3		109	75 - 125
m,p-Xylene	50.0	56.9		mg/m3		114	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	27.0		mg/m3		108	60 - 135
o-Xylene	25.0	29.2		mg/m3		117	75 - 125
Toluene	25.0	27.4		mg/m3		110	70 - 120
tert-Butyl alcohol (TBA)	125	139		mg/m3		111	70 - 135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	7.8	8.54		ppm v/v		109	70 - 120
Ethylbenzene	5.8	6.28		ppm v/v		109	75 - 125
m,p-Xylene	12	13.1		ppm v/v		114	75 - 125
Methyl-t-Butyl Ether (MTBE)	6.9	7.49		ppm v/v		108	60 - 135
o-Xylene	5.8	6.73		ppm v/v		117	75 - 125
Toluene	6.6	7.26		ppm v/v		110	70 - 120
tert-Butyl alcohol (TBA)	41	45.9		ppm v/v		111	70 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	103		80 - 120

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# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-42796-A-2 DU**  
**Matrix: Air**  
**Analysis Batch: 96357**

**Client Sample ID: Duplicate**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Benzene	ND		ND		mg/m3		NC	20
Ethylbenzene	ND		ND		mg/m3		NC	20
Methyl-t-Butyl Ether (MTBE)	ND		ND		mg/m3		NC	25
Toluene	ND		ND		mg/m3		NC	20
Xylenes, Total	ND		ND		mg/m3		NC	20
tert-Butyl alcohol (TBA)	ND		ND		mg/m3		NC	20

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Benzene	ND		ND		ppm v/v		NC	20
Ethylbenzene	ND		ND		ppm v/v		NC	20
Methyl-t-Butyl Ether (MTBE)	ND		ND		ppm v/v		NC	25
Toluene	ND		ND		ppm v/v		NC	20
Xylenes, Total	ND		ND		ppm v/v		NC	20
tert-Butyl alcohol (TBA)	ND		ND		ppm v/v		NC	20

Surrogate	%Recovery	DU Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	106		80 - 120

## Method: 8260B/CA\_LUFTMS - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 440-96358/24**  
**Matrix: Air**  
**Analysis Batch: 96358**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		100		mg/m3			04/05/13 09:18	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		24		ppm v/v			04/05/13 09:18	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	98		80 - 120		04/05/13 09:18	1
4-Bromofluorobenzene (Surr)	98		80 - 120		04/05/13 09:18	1
Toluene-d8 (Surr)	105		80 - 120		04/05/13 09:18	1

**Lab Sample ID: LCS 440-96358/6**  
**Matrix: Air**  
**Analysis Batch: 96358**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	593		mg/m3		119	55 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	120	145		ppm v/v		119	55 - 130

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# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

## Method: 8260B/CA\_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 440-96358/6**

**Matrix: Air**

**Analysis Batch: 96358**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>LCS LCS</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>Dibromofluoromethane (Surr)</i>	99		80 - 120
<i>4-Bromofluorobenzene (Surr)</i>	101		80 - 120
<i>Toluene-d8 (Surr)</i>	107		80 - 120

**Lab Sample ID: 440-42796-A-2 DU**

**Matrix: Air**

**Analysis Batch: 96358**

**Client Sample ID: Duplicate**

**Prep Type: Total/NA**

<i>Analyte</i>	<i>Sample</i>	<i>Sample</i>	<i>DU</i>	<i>DU</i>	<i>Unit</i>	<i>D</i>	<i>RPD</i>	<i>Limit</i>
	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>				
Volatile Fuel Hydrocarbons (C4-C12)	ND		ND		mg/m3		NC	20

<i>Analyte</i>	<i>Sample</i>	<i>Sample</i>	<i>DU</i>	<i>DU</i>	<i>Unit</i>	<i>D</i>	<i>RPD</i>	<i>Limit</i>
	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>				
Volatile Fuel Hydrocarbons (C4-C12)	ND		ND		ppm v/v		NC	20

<i>Surrogate</i>	<i>DU DU</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>Dibromofluoromethane (Surr)</i>	102		80 - 120
<i>4-Bromofluorobenzene (Surr)</i>	101		80 - 120
<i>Toluene-d8 (Surr)</i>	106		80 - 120

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

## GC/MS VOA

### Analysis Batch: 96357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-42788-1	EW-2	Total/NA	Air	8260B	
440-42788-2	SVE-4	Total/NA	Air	8260B	
440-42788-3	SV-2	Total/NA	Air	8260B	
440-42796-A-2 DU	Duplicate	Total/NA	Air	8260B	
LCS 440-96357/5	Lab Control Sample	Total/NA	Air	8260B	
MB 440-96357/24	Method Blank	Total/NA	Air	8260B	

### Analysis Batch: 96358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-42788-1	EW-2	Total/NA	Air	8260B/CA_LUFT MS	
440-42788-2	SVE-4	Total/NA	Air	8260B/CA_LUFT MS	
440-42788-3	SV-2	Total/NA	Air	8260B/CA_LUFT MS	
440-42796-A-2 DU	Duplicate	Total/NA	Air	8260B/CA_LUFT MS	
LCS 440-96358/6	Lab Control Sample	Total/NA	Air	8260B/CA_LUFT MS	
MB 440-96358/24	Method Blank	Total/NA	Air	8260B/CA_LUFT MS	

## Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Certification Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 4212 First St., Pleasanton, CA

TestAmerica Job ID: 440-42788-1

## Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-13
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	03-28-13 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

\* Expired certification is currently pending renewal and is considered valid.

TestAmerica Irvine



# Shell Oil Products Chain Of Custody Record



LAB (LOCATION)

CALSCE ( )  
 SPL ( )  
 XENCO ( )  
 TEST AMERICA ( )  
 OTHER ( )

ENV. SERVICES  
 MOTIVA RETAIL  
 MOTIVA SO&OH  
 SHELL PIPELINE  
 SHELL RETAIL  
 LUBES  
 CONSULTANT  
 OTHER

Print Bill To: Contract Name: Peter Schaefer 240523  
 INCIDENT # (ENV. SERVICES) 9 8 9 9 9 5 8 4 0  
 DATE: 4-3-13  
 PAGE: 1 of 1

CONSIGNEE: Conestoga-Rovers & Associates  
 ADDRESS: 5900 Hollis St, Suite A, Emeryville, CA 94608  
 PROJECT CONTACT (hardcopy or PDF Report):  
 NAME: Peter Schaefer  
 PHONE NO.: 510-420-9770  
 FAX: 510-420-9770  
 EMAIL: pschaefer@croworld.com; jraddon@croworld.com; milundberg@croworld.com; pschaefer@croworld.com

SITE ADDRESS: Street and city: 4212 First Street, Pleasanton, CA 94566  
 PHONE NO.: 510-420-0700  
 CONSULTANT PROJECT NO.: 240523-2013-05

SPECIAL INSTRUCTIONS OR NOTES:  
 SHELL CONTRACT RATE APPLIES  
 STATE REIMBURSEMENT RATE APPLIES  
 EDD NOT NEEDED  
 RECEIPT VERIFICATION REQUESTED

U G O P S C P S C P S C	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE				NO. OF CONT.	TEMPERATURE ON RECEIPT °C
		DATE	TIME		HCL	HNO3	H2CO4	NONE		
	EW-2	4-3	10:20	VAPOR			X			22.0
	SVE-4	4-3	10:25	VAPOR			X			
	SV-2	4-3	1:35	VAPOR			X			

SPECIAL INSTRUCTIONS OR NOTES (continued):  
 COPY OF FINAL REPORT TO SHELL LAB: Billing@croworld.com; jraddon@croworld.com; milundberg@croworld.com; pschaefer@croworld.com

RECEIVED BY (SIGNATURE): *Peter Hanedanian* DATE: 4/3/13  
 RECEIVED BY (SIGNATURE): *W. B. Bandy* DATE: 4/4/13



**Mouton, Alain**

**From:** Sanelle, Philip  
**Sent:** Monday, April 08, 2013 1:20 PM  
**To:** Mouton, Alain  
**Subject:** FW: 240523- 4212 first st, pleasanton - lab results fro 4/3/2013

Alain,  
 Client wants 440-42788 on 3 day rush. I have changed job TAT, please review rest.

Thank you,  
 Phil

**From:** Radon, Jessica [mailto:jradon@croworld.com]  
**Sent:** Monday, April 08, 2013 12:00 PM  
**To:** Sanelle, Philip  
**Subject:** 240523- 4212 first st, pleasanton - lab results fro 4/3/2013

Hi Phil,


Is there anyway we could possibly get this lab report sooner? The PM wants to see data on this day from SV-2 where we took a sample sooner if possible.

Thanks,

**Jessica T. Radon, E.I.T.**

Conestoga-Rovers & Associates (CRA)  
 5900 Hollis St, Suite A  
 Emeryville, CA 94608

Phone: 510.420.3308  
 Cell: 510.773.1746  
 Fax: 510.420.9170  
 Email: [jradon@CRAworld.com](mailto:jradon@CRAworld.com)  
[www.craworld.com](http://www.craworld.com)

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## Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-42788-1

**Login Number: 42788**

**List Number: 1**

**Creator: Perez, Angel**

**List Source: TestAmerica Irvine**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Vartan Hanedanian
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	