

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-31553-1

Client Project/Site: FORMER GM

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Sue Scrocchi



Authorized for release by:

11/18/2011 9:32:57 AM

Brian Tortorete

Project Manager II

brian.tortorete@testamericainc.com

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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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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
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
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Job ID: 460-31553-1

Laboratory: TestAmerica Edison

Narrative

Job Narrative 460-31553-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 87487 were outside control limits for Chloroethane; MS recoveries were also outside control limits for 1,1,2,2-Tetrachloroethane. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The continuing calibration verification (CCV) for 1,2,4-Trichlorobenzene associated with batch 88682 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 88682 were outside control limits for Chloroethane; MSD recoveries were also outside control limits for Bromomethane. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: The matrix spike (MS/MSD) recoveries for batch 87412 were outside control limits for Benzo(a)pyrene and Benzo(b)fluoranthene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 88613 were outside control limits for 2,4-Dinitrophenol. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 88613 was outside control limits for 2,4-Dinitrophenol, 4,6-Dinitro-2methylphenol and Caprolactam.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for endrin aldehyde were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8081A: The capping continuing calibration verification (CCV) associated with batch 88910 did not meet control limits for 4,4-DDT and Methoxychlor on the primary column. Sample matrix is suspected to have contributed to this failure. The capping continuing calibration verification (CCV) associated with batch 88910 met control limits for 4,4-DDT and Methoxychlor on the secondary column.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The matrix spike (MS) recoveries for antimony in batch 87475 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 6010B: The matrix duplicate %RPD for manganese associated with batch 88646 was outside the control limits.

Method(s) 6010B: The matrix spike(MS) recoveries for manganese, antimony in batch 88646 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Job ID: 460-31553-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

Method(s) 6010B: The matrix spike(MS) recoveries for manganese, antimony in batch 88646 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: FORMER GM

Report Number: 460-31553-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 09/23/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-31553-1, 460-31553-4 and 460-31553-5 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 09/27/2011 and 10/07/2011 and analyzed on 09/28/2011 and 10/08/2011.

Antimony and Manganese failed the recovery criteria low for the MS of sample 460-31504-1 in batch 460-88812. Aluminum and Iron failed the recovery criteria high.

Antimony and Iron failed the recovery criteria low for the MS of sample 460-31736-18 in batch 460-88812. Aluminum and Manganese failed the recovery criteria high.

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Job ID: 460-31553-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

Antimony and Iron failed the recovery criteria low for the MSD of sample 460-31736-18 in batch 460-87399. Aluminum and Manganese failed the recovery criteria high.

Refer to the QC report for details.

Manganese exceeded the rpd limit for the duplicate of sample 460-31736-18. Refer to the QC report for details.

Samples 460-31553-1(4X), 460-31553-4 and 460-31553-5(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-31553-1, 460-31553-4 and 460-31553-5 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 09/26/2011 and 10/06/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples 460-31553-1 and 460-31553-4 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 09/27/2011 and 10/06/2011 and analyzed on 09/27/2011 and 10/07/2011.

Endrin aldehyde failed the recovery criteria low for the MS of sample 460-31552-5 in batch 460-87399.

Endrin aldehyde failed the recovery criteria low for the MSD of sample 460-31552-5 in batch 460-89389.

Refer to the QC report for details.

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-31553-1, 460-31553-4 and 460-31553-5 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/27/2011 and 10/06/2011 and analyzed on 09/27/2011 and 10/11/2011.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-31553-1 and 460-31553-4 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/26/2011 and analyzed on 09/28/2011 and 10/06/2011.

1,1,2,2-Tetrachloroethane and Chloroethane failed the recovery criteria low for the MS of sample 460-31552-5 in batch 460-87487.

Chloroethane failed the recovery criteria low for the MSD of sample 460-31552-5 in batch 460-88682.

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Job ID: 460-31553-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

Chloroethane failed the recovery criteria low for the MS of sample 460-31736-18 in batch 460-88682.

Bromomethane and Chloroethane failed the recovery criteria low for the MSD of sample 460-31736-18 in batch 460-88682. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-31553-1 and 460-31553-4 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/27/2011 and 10/06/2011 and analyzed on 09/28/2011 and 10/12/2011.

2,4-Dinitrophenol failed the recovery criteria low for the MS of sample 460-31553-1 in batch 460-89389.

2,4-Dinitrophenol failed the recovery criteria low for the MSD of sample 460-31553-1 in batch 460-87782. 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol and Caprolactam exceeded the rpd limit.

Benzo[a]pyrene and Benzo[b]fluoranthene failed the recovery criteria high for the MS of sample 460-31553-4 in batch 460-87487.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-31553-1 through 460-31553-8 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 09/27/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-051

Lab Sample ID: 460-31553-1

Date Collected: 09/22/11 09:50

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 92.6

Method: 8260B - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	110	U	110	30	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Chloromethane	110	U	110	22	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Vinyl chloride	110	U	110	13	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Bromomethane	110	U	110	33	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Chloroethane	110	U	110	47	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Trichlorofluoromethane	110	U	110	17	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,1-Dichloroethene	110	U	110	15	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,1,2-Trichloro-1,2,2-trifluoroethane	110	U	110	30	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Acetone	1100	U	1100	260	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Carbon disulfide	110	U	110	15	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Methyl acetate	210	U	210	35	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Methylene Chloride	110	U	110	20	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
trans-1,2-Dichloroethene	110	U	110	15	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Methyl tert-butyl ether	110	U	110	20	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,1-Dichloroethane	110	U	110	11	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
cis-1,2-Dichloroethene	110	U	110	21	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
2-Butanone (MEK)	1100	U	1100	87	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Chloroform	110	U	110	16	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,1,1-Trichloroethane	110	U	110	26	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Cyclohexane	110	U	110	13	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Carbon tetrachloride	110	U	110	19	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Benzene	110	U	110	13	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,2-Dichloroethane	110	U	110	26	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Trichloroethene	110	U	110	19	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Methylcyclohexane	110	U	110	8.5	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,2-Dichloropropane	110	U	110	9.3	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Dichlorobromomethane	110	U	110	9.5	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
cis-1,3-Dichloropropene	110	U	110	11	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
4-Methyl-2-pentanone (MIBK)	1100	U	1100	72	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Toluene	110	U	110	10	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
trans-1,3-Dichloropropene	110	U	110	13	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,1,2-Trichloroethane	110	U	110	10	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Tetrachloroethene	110	U	110	21	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
2-Hexanone	1100	U	1100	58	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Chlorodibromomethane	110	U	110	11	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,2-Dibromoethane	110	U	110	9.7	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Chlorobenzene	110	U	110	18	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Ethylbenzene	110	U	110	26	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Xylenes, Total	320	U	320	46	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Styrene	110	U	110	15	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Bromoform	110	U	110	11	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
Isopropylbenzene	110	U	110	22	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,1,1,2-Tetrachloroethane	110	U	110	9.1	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,3-Dichlorobenzene	110	U	110	24	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,4-Dichlorobenzene	110	U	110	16	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,2-Dichlorobenzene	110	U	110	17	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,2-Dibromo-3-Chloropropane	110	U	110	16	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50
1,2,4-Trichlorobenzene	110	U	110	46	ug/Kg	☼	09/26/11 17:35	10/06/11 22:14	50

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-051

Lab Sample ID: 460-31553-1

Date Collected: 09/22/11 09:50

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 92.6

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☆			09/26/11 17:35	10/06/11 22:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		57 - 135				09/26/11 17:35	10/06/11 22:14	50
4-Bromofluorobenzene	103		50 - 124				09/26/11 17:35	10/06/11 22:14	50
Toluene-d8 (Surr)	98		46 - 130				09/26/11 17:35	10/06/11 22:14	50

Method: 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	360	U	360	22	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Phenol	360	U	360	44	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Bis(2-chloroethyl)ether	36	U	36	7.4	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2-Chlorophenol	360	U	360	48	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2-Methylphenol	360	U	360	51	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2,2'-oxybis[1-chloropropane]	360	U	360	47	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Acetophenone	360	U	360	53	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
4-Methylphenol	360	U	360	58	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
N-Nitrosodi-n-propylamine	36	U	36	4.7	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Hexachloroethane	36	U	36	6.0	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Nitrobenzene	36	U	36	8.0	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Isophorone	360	U	360	41	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2-Nitrophenol	360	U	360	59	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2,4-Dimethylphenol	360	U	360	57	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Bis(2-chloroethoxy)methane	360	U	360	51	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2,4-Dichlorophenol	360	U	360	57	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Naphthalene	360	U	360	52	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
4-Chloroaniline	360	U	360	45	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Hexachlorobutadiene	72	U	72	14	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Caprolactam	360	U	360	49	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
4-Chloro-3-methylphenol	360	U	360	60	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2-Methylnaphthalene	360	U	360	52	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Hexachlorocyclopentadiene	360	U	360	100	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2,4,6-Trichlorophenol	360	U	360	64	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2,4,5-Trichlorophenol	360	U	360	69	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
1,1'-Biphenyl	360	U	360	59	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2-Chloronaphthalene	360	U	360	50	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2-Nitroaniline	720	U	720	97	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Dimethyl phthalate	360	U	360	48	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2,6-Dinitrotoluene	72	U	72	9.1	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Acenaphthylene	360	U	360	51	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
3-Nitroaniline	720	U	720	81	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Acenaphthene	360	U	360	51	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2,4-Dinitrophenol	1100	U	1100	76	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
4-Nitrophenol	1100	U	1100	92	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Dibenzofuran	360	U	360	54	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
2,4-Dinitrotoluene	72	U	72	10	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Diethyl phthalate	360	U	360	48	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
Fluorene	360	U	360	60	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
4-Chlorophenyl phenyl ether	360	U	360	61	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
4-Nitroaniline	720	U	720	74	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1
4,6-Dinitro-2-methylphenol	1100	U	1100	170	ug/Kg	☆	10/06/11 21:15	10/12/11 14:52	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-051

Lab Sample ID: 460-31553-1

Date Collected: 09/22/11 09:50

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 92.6

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	360	U	360	58	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
4-Bromophenyl phenyl ether	360	U	360	63	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Hexachlorobenzene	36	U	36	4.9	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Atrazine	360	U	360	66	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Pentachlorophenol	1100	U	1100	170	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Phenanthrene	360	U	360	62	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Anthracene	360	U	360	63	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Carbazole	360	U	360	57	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Di-n-butyl phthalate	360	U	360	55	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Fluoranthene	360	U	360	59	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Pyrene	360	U	360	62	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Butyl benzyl phthalate	360	U	360	42	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
3,3'-Dichlorobenzidine	720	U	720	79	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Benzo[a]anthracene	36	U	36	6.6	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Chrysene	360	U	360	52	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Bis(2-ethylhexyl) phthalate	360	U	360	47	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Di-n-octyl phthalate	360	U	360	42	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Benzo[b]fluoranthene	36	U	36	5.3	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Benzo[k]fluoranthene	36	U	36	5.0	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Benzo[a]pyrene	36	U	36	4.4	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Indeno[1,2,3-cd]pyrene	36	U	36	5.7	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Dibenz(a,h)anthracene	36	U	36	4.3	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1
Benzo[g,h,i]perylene	360	U	360	38	ug/Kg	☼	10/06/11 21:15	10/12/11 14:52	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/06/11 21:15	10/12/11 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	46		10 - 120	10/06/11 21:15	10/12/11 14:52	1
2-Fluorobiphenyl	85		40 - 109	10/06/11 21:15	10/12/11 14:52	1
2-Fluorophenol (Surr)	78		37 - 125	10/06/11 21:15	10/12/11 14:52	1
Nitrobenzene-d5 (Surr)	83		38 - 105	10/06/11 21:15	10/12/11 14:52	1
Phenol-d5 (Surr)	78		41 - 118	10/06/11 21:15	10/12/11 14:52	1
Terphenyl-d14 (Surr)	93		16 - 151	10/06/11 21:15	10/12/11 14:52	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	7.2	U	7.2	1.3	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
beta-BHC	7.2	U	7.2	0.98	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
delta-BHC	7.2	U	7.2	1.1	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
gamma-BHC (Lindane)	7.2	U	7.2	0.84	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Heptachlor	7.2	U	7.2	1.0	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Aldrin	7.2	U	7.2	1.6	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Heptachlor epoxide	7.2	U	7.2	1.5	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Endosulfan I	7.2	U	7.2	1.5	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Dieldrin	7.2	U	7.2	1.4	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
4,4'-DDE	7.2	U	7.2	1.4	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Endrin	7.2	U	7.2	1.0	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Endosulfan II	7.2	U	7.2	1.1	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
4,4'-DDD	7.2	U	7.2	0.86	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Endosulfan sulfate	7.2	U	7.2	0.93	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-051

Lab Sample ID: 460-31553-1

Date Collected: 09/22/11 09:50

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 92.6

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	7.2	U	7.2	0.91	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Methoxychlor	7.2	U	7.2	0.81	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Endrin ketone	7.2	U	7.2	1.1	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Endrin aldehyde	7.2	U	7.2	1.8	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
alpha-Chlordane	7.2	U	7.2	1.5	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
gamma-Chlordane	7.2	U	7.2	1.5	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1
Toxaphene	72	U	72	15	ug/Kg	☼	10/06/11 15:39	10/07/11 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		53 - 150	10/06/11 15:39	10/07/11 14:10	1
DCB Decachlorobiphenyl	102		53 - 150	10/06/11 15:39	10/07/11 14:10	1
Tetrachloro-m-xylene	72		40 - 150	10/06/11 15:39	10/07/11 14:10	1
Tetrachloro-m-xylene	72		40 - 150	10/06/11 15:39	10/07/11 14:10	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	72	U	72	14	ug/Kg	☼	10/06/11 14:46	10/11/11 02:26	1
PCB-1221	72	U	72	22	ug/Kg	☼	10/06/11 14:46	10/11/11 02:26	1
PCB-1232	72	U	72	41	ug/Kg	☼	10/06/11 14:46	10/11/11 02:26	1
PCB-1242	72	U	72	14	ug/Kg	☼	10/06/11 14:46	10/11/11 02:26	1
PCB-1248	72	U	72	19	ug/Kg	☼	10/06/11 14:46	10/11/11 02:26	1
PCB-1254	72	U	72	25	ug/Kg	☼	10/06/11 14:46	10/11/11 02:26	1
PCB-1260	72	U	72	8.1	ug/Kg	☼	10/06/11 14:46	10/11/11 02:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	128		30 - 150	10/06/11 14:46	10/11/11 02:26	1
DCB Decachlorobiphenyl	110		30 - 150	10/06/11 14:46	10/11/11 02:26	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5970		39.6	14.5	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Antimony	2.0	U	2.0	0.87	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Arsenic	0.99	U	0.99	0.69	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Barium	16.8	J	39.6	1.2	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Beryllium	0.18	J	0.40	0.17	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Cadmium	0.99	U	0.99	0.15	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Calcium	371	J	991	26.1	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Chromium	4.9		2.0	1.2	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Cobalt	1.4	J	9.9	1.2	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Copper	5.0	U	5.0	0.81	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Iron	3640		29.7	10.5	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Lead	4.2		0.99	0.50	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Magnesium	292	J	991	10.5	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Manganese	165		3.0	1.1	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Nickel	2.3	J	7.9	0.53	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Potassium	155	J	991	44.7	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Selenium	2.0	U	2.0	0.93	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Silver	2.0	U	2.0	0.15	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Sodium	991	U	991	60.8	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Thallium	2.0	U	2.0	0.96	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4
Vanadium	7.3	J	9.9	0.52	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-051

Lab Sample ID: 460-31553-1

Date Collected: 09/22/11 09:50

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 92.6

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	7.2		5.9	0.97	mg/Kg	☼	10/07/11 07:43	10/08/11 01:11	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	U	0.032	0.022	mg/Kg	☼	10/06/11 17:45	10/06/11 20:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.4		1.0	1.0	%			09/27/11 13:29	1
Percent Solids	92.6		1.0	1.0	%			09/27/11 13:29	1

Client Sample ID: SO-17338-092211-MM-052

Lab Sample ID: 460-31553-2

Date Collected: 09/22/11 10:00

Matrix: Solid

Date Received: 09/23/11 18:30

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.7		1.0	1.0	%			09/27/11 13:29	1
Percent Solids	85.3		1.0	1.0	%			09/27/11 13:29	1

Client Sample ID: SO-17338-092211-MM-053

Lab Sample ID: 460-31553-3

Date Collected: 09/22/11 10:40

Matrix: Solid

Date Received: 09/23/11 18:30

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13.2		1.0	1.0	%			09/27/11 13:29	1
Percent Solids	86.8		1.0	1.0	%			09/27/11 13:29	1

Client Sample ID: SO-17338-092211-MM-054

Lab Sample ID: 460-31553-4

Date Collected: 09/22/11 10:55

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 83.7

Method: 8260B - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	92	U	92	26	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Chloromethane	92	U	92	19	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Vinyl chloride	92	U	92	11	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Bromomethane	92	U	92	29	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Chloroethane	92	U	92	41	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Trichlorofluoromethane	92	U	92	14	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,1-Dichloroethene	92	U	92	13	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,1,2-Trichloro-1,2,2-trifluoroethane	92	U	92	26	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Acetone	920	U	920	230	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Carbon disulfide	92	U	92	13	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Methyl acetate	180	U	180	30	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Methylene Chloride	92	U	92	18	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
trans-1,2-Dichloroethene	92	U	92	13	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Methyl tert-butyl ether	92	U	92	17	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-054

Lab Sample ID: 460-31553-4

Date Collected: 09/22/11 10:55

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 83.7

Method: 8260B - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	92	U	92	9.1	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
cis-1,2-Dichloroethene	92	U	92	18	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
2-Butanone (MEK)	920	U	920	75	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Chloroform	92	U	92	14	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,1,1-Trichloroethane	92	U	92	23	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Cyclohexane	92	U	92	11	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Carbon tetrachloride	92	U	92	16	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Benzene	92	U	92	11	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,2-Dichloroethane	92	U	92	23	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Trichloroethene	92	U	92	16	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Methylcyclohexane	92	U	92	7.3	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,2-Dichloropropane	92	U	92	8.0	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Dichlorobromomethane	92	U	92	8.2	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
cis-1,3-Dichloropropene	92	U	92	9.4	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
4-Methyl-2-pentanone (MIBK)	920	U	920	62	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Toluene	92	U	92	8.7	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
trans-1,3-Dichloropropene	92	U	92	11	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,1,2-Trichloroethane	92	U	92	8.9	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Tetrachloroethene	92	U	92	18	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
2-Hexanone	920	U	920	50	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Chlorodibromomethane	92	U	92	9.2	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,2-Dibromoethane	92	U	92	8.4	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Chlorobenzene	92	U	92	15	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Ethylbenzene	92	U	92	23	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Xylenes, Total	270	U	270	40	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Styrene	92	U	92	13	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Bromoform	92	U	92	9.1	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
Isopropylbenzene	92	U	92	19	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,1,1,2-Tetrachloroethane	92	U	92	7.9	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,3-Dichlorobenzene	92	U	92	21	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,4-Dichlorobenzene	92	U	92	14	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,2-Dichlorobenzene	92	U	92	15	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,2-Dibromo-3-Chloropropane	92	U	92	14	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50
1,2,4-Trichlorobenzene	92	U	92	40	ug/Kg	☼	09/26/11 17:38	09/28/11 01:51	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/26/11 17:38	09/28/11 01:51	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		57 - 135	09/26/11 17:38	09/28/11 01:51	50
4-Bromofluorobenzene	102		50 - 124	09/26/11 17:38	09/28/11 01:51	50
Toluene-d8 (Surr)	97		46 - 130	09/26/11 17:38	09/28/11 01:51	50

Method: 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	390	U	390	25	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Phenol	390	U	390	48	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Bis(2-chloroethyl)ether	39	U	39	8.2	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2-Chlorophenol	390	U	390	53	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2-Methylphenol	390	U	390	57	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2,2'-oxybis[1-chloropropane]	390	U	390	52	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-054

Lab Sample ID: 460-31553-4

Date Collected: 09/22/11 10:55

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 83.7

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	390	U	390	58	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
4-Methylphenol	390	U	390	65	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
N-Nitrosodi-n-propylamine	39	U	39	5.2	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Hexachloroethane	39	U	39	6.6	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Nitrobenzene	39	U	39	8.8	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Isophorone	390	U	390	45	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2-Nitrophenol	390	U	390	65	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2,4-Dimethylphenol	390	U	390	63	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Bis(2-chloroethoxy)methane	390	U	390	56	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2,4-Dichlorophenol	390	U	390	63	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Naphthalene	390	U	390	58	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
4-Chloroaniline	390	U	390	50	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Hexachlorobutadiene	80	U	80	16	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Caprolactam	390	U	390	54	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
4-Chloro-3-methylphenol	390	U	390	66	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2-Methylnaphthalene	390	U	390	58	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Hexachlorocyclopentadiene	390	U	390	120	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2,4,6-Trichlorophenol	390	U	390	71	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2,4,5-Trichlorophenol	390	U	390	76	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
1,1'-Biphenyl	390	U	390	65	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2-Chloronaphthalene	390	U	390	56	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2-Nitroaniline	800	U	800	110	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Dimethyl phthalate	390	U	390	53	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2,6-Dinitrotoluene	80	U	80	10	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Acenaphthylene	390	U	390	56	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
3-Nitroaniline	800	U	800	89	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Acenaphthene	390	U	390	56	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2,4-Dinitrophenol	1200	U	1200	84	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
4-Nitrophenol	1200	U	1200	100	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Dibenzofuran	390	U	390	59	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
2,4-Dinitrotoluene	80	U	80	12	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Diethyl phthalate	390	U	390	53	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Fluorene	390	U	390	67	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
4-Chlorophenyl phenyl ether	390	U	390	68	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
4-Nitroaniline	800	U	800	81	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
4,6-Dinitro-2-methylphenol	1200	U	1200	190	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
N-Nitrosodiphenylamine	390	U	390	64	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
4-Bromophenyl phenyl ether	390	U	390	70	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Hexachlorobenzene	39	U	39	5.5	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Atrazine	390	U	390	73	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Pentachlorophenol	1200	U	1200	190	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Phenanthrene	390	U	390	69	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Anthracene	390	U	390	70	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Carbazole	390	U	390	63	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Di-n-butyl phthalate	390	U	390	60	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Fluoranthene	390	U	390	66	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Pyrene	390	U	390	68	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Butyl benzyl phthalate	390	U	390	46	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
3,3'-Dichlorobenzidine	800	U	800	87	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Benzo[a]anthracene	39	U	39	7.3	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-054

Lab Sample ID: 460-31553-4

Date Collected: 09/22/11 10:55

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 83.7

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	390	U	390	57	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Bis(2-ethylhexyl) phthalate	390	U	390	52	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Di-n-octyl phthalate	390	U	390	47	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Benzo[b]fluoranthene	39	U	39	5.9	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Benzo[k]fluoranthene	39	U	39	5.5	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Benzo[a]pyrene	39	U	39	4.8	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Indeno[1,2,3-cd]pyrene	39	U	39	6.3	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Dibenz(a,h)anthracene	39	U	39	4.7	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1
Benzo[g,h,i]perylene	390	U	390	42	ug/Kg	☼	09/27/11 12:00	09/28/11 18:38	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/27/11 12:00	09/28/11 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		10 - 120	09/27/11 12:00	09/28/11 18:38	1
2-Fluorobiphenyl	78		40 - 109	09/27/11 12:00	09/28/11 18:38	1
2-Fluorophenol (Surr)	71		37 - 125	09/27/11 12:00	09/28/11 18:38	1
Nitrobenzene-d5 (Surr)	72		38 - 105	09/27/11 12:00	09/28/11 18:38	1
Phenol-d5 (Surr)	80		41 - 118	09/27/11 12:00	09/28/11 18:38	1
Terphenyl-d14 (Surr)	100		16 - 151	09/27/11 12:00	09/28/11 18:38	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	8.0	U	8.0	1.5	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
beta-BHC	8.0	U	8.0	1.1	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
delta-BHC	8.0	U	8.0	1.2	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
gamma-BHC (Lindane)	8.0	U	8.0	0.93	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Heptachlor	8.0	U	8.0	1.1	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Aldrin	8.0	U	8.0	1.8	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Heptachlor epoxide	8.0	U	8.0	1.6	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Endosulfan I	8.0	U	8.0	1.7	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Dieldrin	8.0	U	8.0	1.5	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
4,4'-DDE	8.0	U	8.0	1.6	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Endrin	8.0	U	8.0	1.1	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Endosulfan II	8.0	U	8.0	1.2	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
4,4'-DDD	8.0	U	8.0	0.95	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Endosulfan sulfate	8.0	U	8.0	1.0	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
4,4'-DDT	8.0	U	8.0	1.0	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Methoxychlor	8.0	U	8.0	0.89	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Endrin ketone	8.0	U	8.0	1.2	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Endrin aldehyde	8.0	U	8.0	2.0	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
alpha-Chlordane	8.0	U	8.0	1.7	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
gamma-Chlordane	8.0	U	8.0	1.6	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1
Toxaphene	80	U	80	17	ug/Kg	☼	09/27/11 05:25	09/27/11 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	108		53 - 150	09/27/11 05:25	09/27/11 12:17	1
DCB Decachlorobiphenyl	104		53 - 150	09/27/11 05:25	09/27/11 12:17	1
Tetrachloro-m-xylene	102		40 - 150	09/27/11 05:25	09/27/11 12:17	1
Tetrachloro-m-xylene	101		40 - 150	09/27/11 05:25	09/27/11 12:17	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-054

Lab Sample ID: 460-31553-4

Date Collected: 09/22/11 10:55

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 83.7

Method: 8082 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	80	U	80	15	ug/Kg	☼	09/27/11 05:09	09/27/11 14:19	1
PCB-1221	80	U	80	24	ug/Kg	☼	09/27/11 05:09	09/27/11 14:19	1
PCB-1232	80	U	80	45	ug/Kg	☼	09/27/11 05:09	09/27/11 14:19	1
PCB-1242	80	U	80	15	ug/Kg	☼	09/27/11 05:09	09/27/11 14:19	1
PCB-1248	80	U	80	21	ug/Kg	☼	09/27/11 05:09	09/27/11 14:19	1
PCB-1254	80	U	80	27	ug/Kg	☼	09/27/11 05:09	09/27/11 14:19	1
PCB-1260	80	U	80	8.9	ug/Kg	☼	09/27/11 05:09	09/27/11 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	108		30 - 150	09/27/11 05:09	09/27/11 14:19	1
DCB Decachlorobiphenyl	105		30 - 150	09/27/11 05:09	09/27/11 14:19	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7260		45.9	16.8	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Antimony	2.3	U	2.3	1.0	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Arsenic	2.9		1.1	0.80	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Barium	45.1	J	45.9	1.4	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Beryllium	0.54		0.46	0.20	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Cadmium	1.1	U	1.1	0.18	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Calcium	821	J	1150	30.2	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Chromium	20.4		2.3	1.4	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Cobalt	6.1	J	11.5	1.4	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Copper	8.0		5.7	0.94	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Iron	15600		34.4	12.2	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Lead	7.3		1.1	0.57	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Magnesium	2000		1150	12.1	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Manganese	145		3.4	1.3	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Nickel	9.6		9.2	0.62	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Potassium	695	J	1150	51.8	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Selenium	2.3	U	2.3	1.1	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Silver	2.3	U	2.3	0.17	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Sodium	137	J	1150	70.5	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Thallium	2.3	U	2.3	1.1	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Vanadium	29.4		11.5	0.60	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4
Zinc	23.9		6.9	1.1	mg/Kg	☼	09/27/11 18:30	09/28/11 12:10	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	U	0.038	0.025	mg/Kg	☼	09/26/11 17:35	09/26/11 22:01	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16.3		1.0	1.0	%			09/27/11 13:29	1
Percent Solids	83.7		1.0	1.0	%			09/27/11 13:29	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-055

Lab Sample ID: 460-31553-5

Date Collected: 09/22/11 11:35

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 86.9

Method: 8082 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	77	U	77	15	ug/Kg	☼	09/27/11 05:09	09/27/11 14:36	1
PCB-1221	77	U	77	23	ug/Kg	☼	09/27/11 05:09	09/27/11 14:36	1
PCB-1232	77	U	77	44	ug/Kg	☼	09/27/11 05:09	09/27/11 14:36	1
PCB-1242	77	U	77	15	ug/Kg	☼	09/27/11 05:09	09/27/11 14:36	1
PCB-1248	77	U	77	20	ug/Kg	☼	09/27/11 05:09	09/27/11 14:36	1
PCB-1254	34	J	77	26	ug/Kg	☼	09/27/11 05:09	09/27/11 14:36	1
PCB-1260	77	U	77	8.6	ug/Kg	☼	09/27/11 05:09	09/27/11 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	107		30 - 150	09/27/11 05:09	09/27/11 14:36	1
DCB Decachlorobiphenyl	113		30 - 150	09/27/11 05:09	09/27/11 14:36	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6520		45.5	16.7	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Antimony	12.8		2.3	1.0	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Arsenic	4.3		1.1	0.79	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Barium	235		45.5	1.4	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Beryllium	0.29	J	0.46	0.20	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Cadmium	2.6		1.1	0.18	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Calcium	5970		1140	29.9	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Chromium	26.9		2.3	1.4	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Cobalt	4.4	J	11.4	1.4	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Copper	17.7		5.7	0.93	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Iron	12700		34.2	12.1	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Lead	467		1.1	0.57	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Magnesium	3440		1140	12.0	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Manganese	140		3.4	1.3	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Nickel	9.9		9.1	0.61	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Potassium	753	J	1140	51.4	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Selenium	2.3	U	2.3	1.1	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Silver	2.3	U	2.3	0.17	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Sodium	1140	U	1140	69.9	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Thallium	2.3	U	2.3	1.1	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Vanadium	24.9		11.4	0.59	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4
Zinc	110		6.8	1.1	mg/Kg	☼	09/27/11 18:30	09/28/11 12:14	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.071		0.038	0.025	mg/Kg	☼	09/26/11 17:35	09/26/11 22:03	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13.1		1.0	1.0	%			09/27/11 13:29	1
Percent Solids	86.9		1.0	1.0	%			09/27/11 13:29	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-056

Lab Sample ID: 460-31553-6

Date Collected: 09/22/11 11:45

Matrix: Solid

Date Received: 09/23/11 18:30

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20.8		1.0	1.0	%			09/27/11 13:29	1
Percent Solids	79.2		1.0	1.0	%			09/27/11 13:29	1

Client Sample ID: SO-17338-092211-MM-057

Lab Sample ID: 460-31553-7

Date Collected: 09/22/11 12:20

Matrix: Solid

Date Received: 09/23/11 18:30

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12.4		1.0	1.0	%			09/27/11 13:29	1
Percent Solids	87.6		1.0	1.0	%			09/27/11 13:29	1

Client Sample ID: SO-17338-092211-MM-058

Lab Sample ID: 460-31553-8

Date Collected: 09/22/11 12:35

Matrix: Solid

Date Received: 09/23/11 18:30

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19.1		1.0	1.0	%			09/27/11 13:29	1
Percent Solids	80.9		1.0	1.0	%			09/27/11 13:29	1

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-051

Lab Sample ID: 460-31553-1

Date Collected: 09/22/11 09:50

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87337	09/26/11 17:35	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/06/11 22:14	AT	TAL EDI
Total/NA	Prep	3541			88613	10/06/11 21:15	FHW	TAL EDI
Total/NA	Analysis	8270C		1	89389	10/12/11 14:52	AAA	TAL EDI
Total/NA	Prep	3541			88576	10/06/11 15:39	ARA	TAL EDI
Total/NA	Analysis	8081A		1	88910	10/07/11 14:10	FM	TAL EDI
Total/NA	Prep	3541			88564	10/06/11 14:46	ARA	TAL EDI
Total/NA	Analysis	8082		1	89219	10/11/11 02:26	CDC	TAL EDI
Total/NA	Prep	7471A			88598	10/06/11 17:45	TS	TAL EDI
Total/NA	Analysis	7471A		1	88621	10/06/11 20:26	TS	TAL EDI
Total/NA	Prep	3050B			88646	10/07/11 07:43	MC	TAL EDI
Total/NA	Analysis	6010B		4	88812	10/08/11 01:11	VD	TAL EDI
Total/NA	Analysis	Moisture		1	87429	09/27/11 13:29	CHA	TAL EDI

Client Sample ID: SO-17338-092211-MM-052

Lab Sample ID: 460-31553-2

Date Collected: 09/22/11 10:00

Matrix: Solid

Date Received: 09/23/11 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	87429	09/27/11 13:29	CHA	TAL EDI

Client Sample ID: SO-17338-092211-MM-053

Lab Sample ID: 460-31553-3

Date Collected: 09/22/11 10:40

Matrix: Solid

Date Received: 09/23/11 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	87429	09/27/11 13:29	CHA	TAL EDI

Client Sample ID: SO-17338-092211-MM-054

Lab Sample ID: 460-31553-4

Date Collected: 09/22/11 10:55

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87337	09/26/11 17:38	FJ	TAL EDI
Total/NA	Analysis	8260B		50	87487	09/28/11 01:51	EM	TAL EDI
Total/NA	Prep	3541			87412	09/27/11 12:00	CM	TAL EDI
Total/NA	Analysis	8270C		1	87782	09/28/11 18:38	AAA	TAL EDI
Total/NA	Prep	3541			87367	09/27/11 05:09	ARA	TAL EDI
Total/NA	Analysis	8082		1	87582	09/27/11 14:19	SD	TAL EDI
Total/NA	Prep	3541			87369	09/27/11 05:25	ARA	TAL EDI
Total/NA	Analysis	8081A		1	87705	09/27/11 12:17	FM	TAL EDI
Total/NA	Prep	7471A			87340	09/26/11 17:35	TS	TAL EDI
Total/NA	Analysis	7471A		1	87360	09/26/11 22:01	TS	TAL EDI
Total/NA	Prep	3050B			87475	09/27/11 18:30	TS	TAL EDI

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Client Sample ID: SO-17338-092211-MM-054

Lab Sample ID: 460-31553-4

Date Collected: 09/22/11 10:55

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		4	87592	09/28/11 12:10	CDC	TAL EDI
Total/NA	Analysis	Moisture		1	87429	09/27/11 13:29	CHA	TAL EDI

Client Sample ID: SO-17338-092211-MM-055

Lab Sample ID: 460-31553-5

Date Collected: 09/22/11 11:35

Matrix: Solid

Date Received: 09/23/11 18:30

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			87367	09/27/11 05:09	ARA	TAL EDI
Total/NA	Analysis	8082		1	87582	09/27/11 14:36	SD	TAL EDI
Total/NA	Prep	7471A			87340	09/26/11 17:35	TS	TAL EDI
Total/NA	Analysis	7471A		1	87360	09/26/11 22:03	TS	TAL EDI
Total/NA	Prep	3050B			87475	09/27/11 18:30	TS	TAL EDI
Total/NA	Analysis	6010B		4	87592	09/28/11 12:14	CDC	TAL EDI
Total/NA	Analysis	Moisture		1	87429	09/27/11 13:29	CHA	TAL EDI

Client Sample ID: SO-17338-092211-MM-056

Lab Sample ID: 460-31553-6

Date Collected: 09/22/11 11:45

Matrix: Solid

Date Received: 09/23/11 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	87429	09/27/11 13:29	CHA	TAL EDI

Client Sample ID: SO-17338-092211-MM-057

Lab Sample ID: 460-31553-7

Date Collected: 09/22/11 12:20

Matrix: Solid

Date Received: 09/23/11 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	87429	09/27/11 13:29	CHA	TAL EDI

Client Sample ID: SO-17338-092211-MM-058

Lab Sample ID: 460-31553-8

Date Collected: 09/22/11 12:35

Matrix: Solid

Date Received: 09/23/11 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	87429	09/27/11 13:29	CHA	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Edison	Connecticut	State Program	1	PH-0200
TestAmerica Edison	Delaware	Delaware DNREC	3	N/A
TestAmerica Edison	New Jersey	NELAC	2	12028
TestAmerica Edison	New York	NELAC	2	11452
TestAmerica Edison	Pennsylvania	NELAC	3	68-00522
TestAmerica Edison	Rhode Island	State Program	1	LAO00132
TestAmerica Edison	USDA	USDA		NJCA-003-08

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organics (GC/MS)	SW846	TAL EDI
8270C	Semivolatile Organics (GC/MS)	SW846	TAL EDI
8081A	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082	Polychlorinated Biphenyls (PCBs) (GC)	SW846	TAL EDI
6010B	Metals (ICP)	SW846	TAL EDI
7471A	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: FORMER GM

TestAmerica Job ID: 460-31553-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-31553-1	SO-17338-092211-MM-051	Solid	09/22/11 09:50	09/23/11 18:30
460-31553-2	SO-17338-092211-MM-052	Solid	09/22/11 10:00	09/23/11 18:30
460-31553-3	SO-17338-092211-MM-053	Solid	09/22/11 10:40	09/23/11 18:30
460-31553-4	SO-17338-092211-MM-054	Solid	09/22/11 10:55	09/23/11 18:30
460-31553-5	SO-17338-092211-MM-055	Solid	09/22/11 11:35	09/23/11 18:30
460-31553-6	SO-17338-092211-MM-056	Solid	09/22/11 11:45	09/23/11 18:30
460-31553-7	SO-17338-092211-MM-057	Solid	09/22/11 12:20	09/23/11 18:30
460-31553-8	SO-17338-092211-MM-058	Solid	09/22/11 12:35	09/23/11 18:30

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Page 1 of 2

Name (for report and invoice)		Company		P.O. #		Site/Project Identification		Regulatory Program		LAB USE ONLY	
CHAS BOLTON		CHA		17338		FORMER GM		DUEC		Job No: 31553 Project No:	
Address		City		State		Analysis Turnaround Time		Rush Charges Authorized For:		2 Week ☐ 1 Week ☐ Other ☐	
Phone		Fax		716-856-2142		Standard ☒		ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)		Vo BN+25 TCL PCB TCL METALS PESTICIDES	
Sample Identification		Date		Time		Matrix		No. of Cont.		Sample Numbers	
SO-17338-092211-MM-051		9/22/11		0950		SO		7		1	
SO-17338-092211-MM-052				1000				3		2	
SO-17338-092211-MM-053				1040				3		3	
SO-17338-092211-MM-054				1055				3		4	
SO-17338-092211-MM-055				1135				3		5	
SO-17338-092211-MM-056				1145				3		6	
SO-17338-092211-MM-057				1220				3		7	
SO-17338-092211-MM-058				1235				3		8	
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH		Soil:		Water:							
6 = Other		7 = Other									

Special Instructions HOLD ALL SAMPLES

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company	Date / Time
Relinquished by	Company	9/22/11 1548	Received by	Company	9/23/11 1130
Relinquished by	Company	9/23/11 1700	Received by	Company	9/23/11 1700
Relinquished by	Company	9/23/11 1800	Received by	Company	9/23/11 1800

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NU312), North Carolina (No. 578)

TestAmerica

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 2 of 2

Name (for report and invoice) CHELS BOSTON						Sample Name (Printed) M. MYCET						Site/Project Identification FARMER & M					
Company						P.O.# 17338						State (Location of site): NJ: ☐ NY: ☒ Other: DE					
Address						Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐						Regulatory Program: DNR&C					
City State						ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)						LAB USE ONLY Job No.: 31553 Project No.: 9					
Phone Fax 716-856-2142																	
Sample Identification						Date	Time	Matrix	No. of Cont.	Sample Numbers							
SO-17338-092311-CONT-MM-01						9/23/11	1030	So	A	X	9						
SO-17338-092311-CONT-MM-02						1045				X	10						
SO-17338-092311-CONT-MM-03							1100			X	11						
SO-17338-092311-CONT-MM-04							1115			X	12						
SO-17338-092311-CONT-MM-05							1130			X	13						
											14 14						

Special Instructions

Relinquished by	Company	Date / Time	Received by	Company
<i>Mark Mott</i>		9/23/11 12:20	1) <i>Dora Mott</i>	<i>Test America</i>
Relinquished by	Company	Date / Time	Received by	Company
2) <i>Dora Mott</i>	<i>---</i>	9/23/11 9:00	2) <i>---</i>	<i>---</i>
Relinquished by	Company	Date / Time	Received by	Company
3) <i>---</i>	<i>---</i>	7/27/11 18:00	<i>---</i>	<i>---</i>
Relinquished by	Company	Date / Time	Received by	Company
4) <i>---</i>	Company	---	4) <i>---</i>	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - p016 (0408)
1.3/4.7/2.6 #50

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31553-1

Login Number: 31553

List Source: TestAmerica Edison

List Number: 1

Creator: Smith, Anthony G

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3, 4.7, 2.6° C IR#50
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	
There are no discrepancies between the sample IDs on the containers 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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	