

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

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Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-32001-1

Client Project/Site: Former GM

For:

Conestoga-Rovers & Associates, Inc.

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Niagara Falls, New York 14304

Attn: Ms. Sue Scrocchi



Authorized for release by:

11/18/2011 11:34:20 AM

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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: 460-32001-1

Qualifiers

GC/MS 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.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs

GC/MS 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.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
E	Result exceeded calibration range.
X	Surrogate is outside control limits

Metals

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

General Chemistry

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.
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Laboratory: TestAmerica Edison

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: Former GM

Report Number: 460-32001-1

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 10/05/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.7, 0.8°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 460-32001-2, 460-32001-6, 460-32001-7, 460-32001-10, 460-32001-12 and 460-32001-15 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/08/2011 and analyzed on 10/09/2011, 10/10/2011 and 10/11/2011.

The matrix spike (MS) recovery for batch 88818 were outside control limits for Manganese. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix duplicate %RPD for Chromium and Lead associated with batch 89155 was outside the control limits due to non homogeneity of the sample.

The matrix spike (MS) recoveries for batch Antimony, Zinc, Barium, and Lead were outside control limits in batch 89155. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Manganese failed the recovery criteria low for the MS of sample 460-31736-16 in batch 460-89297. Aluminum and Iron failed the recovery criteria high.

Antimony, Lead and Zinc failed the recovery criteria low for the MS of sample 460-32001-7 in batch 460-90479. Aluminum, Barium and Iron failed the recovery criteria high.

Refer to the QC report for details.

Case Narrative

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Chromium and Lead exceeded the rpd limit for the duplicate of sample 460-32001-7. Refer to the QC report for details.

Samples 460-32001-2(4X), 460-32001-6(100X), 460-32001-6(20X), 460-32001-7(4X), 460-32001-10(20X), 460-32001-10(4X), 460-32001-12(10X), 460-32001-12(4X) and 460-32001-15(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.

HEXAVALENT CHROMIUM

Samples 460-32001-6 and 460-32001-12 were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 3060A/7196A. The samples were prepared on 10/20/2011 and 10/25/2011 and analyzed on 10/24/2011 and 10/25/2011.

The matrix spike soluble recovery for batch 90479 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike soluble recovery for batch 90698, which is a re-prep of batch 90479 was also outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria. Both sets of data have been reported.

Cr (VI) failed the recovery criteria low for the MS of sample 460-31677-7 in batch 460-89072.

Refer to the QC report for details.

No other difficulties were encountered during the hexchrome Cr6 analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-32001-2, 460-32001-6, 460-32001-7, 460-32001-10, 460-32001-12 and 460-32001-15 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 10/07/2011 and 10/11/2011.

Mercury failed the recovery criteria high for the MS of sample 460-31914-14 in batch 460-88757. 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 mercury analyses.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples 460-32001-2, 460-32001-6, 460-32001-7, 460-32001-12 and 460-32001-15 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 10/07/2011 and 10/13/2011 and analyzed on 10/11/2011, 10/12/2011 and 10/13/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 460-32001-6. DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for 460-32001-7DU. Refer to the QC report for details.

Endrin aldehyde failed the recovery criteria low for the MS of sample 460-32001-7 in batch 460-89644.

Refer to the QC report for details.

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Laboratory: TestAmerica Edison (Continued)

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-32001-2, 460-32001-6, 460-32001-7, 460-32001-12 and 460-32001-15 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 10/11/2011 and 10/13/2011.

Surrogate recovery for the following sample(s) was outside control limits: Evidence of matrix interference is present (due to the presence of aroclor 1268); therefore, re-extraction and/or re-analysis was not performed.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 88999 _ were outside control limits due to the presence of aroclor 1248 in the sample. . The associated laboratory control sample (LCS) recovery met acceptance criteria.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 460-32001-6. Refer to the QC report for details.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-32001-2, 460-32001-6, 460-32001-7, 460-32001-12 and 460-32001-15 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 10/06/2011 and analyzed on 10/12/2011 and 10/13/2011.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries of Chloroethane were outside control limits in batch 89310. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 89343 were outside control limits for Chloroethane; MS recoveries were also outside control limits for 1,1,2,2-Tetrachloroethane and 1,4-Dichlorobenzene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Chloroethane failed the recovery criteria low for the MSD of sample 460-32125-1 in batch 460-88757.

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 460-32001-2, 460-32001-6, 460-32001-7, 460-32001-10, 460-32001-12 and 460-32001-15 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/08/2011 and 10/12/2011 and analyzed on 10/13/2011.

Several analytes were outside acceptance limits in the capping continuing calibration verification (CCV) associated with batch 89644. Sample matrix is suspected as the cause of this failure. The capping CCV requirement is specific to the Delaware HSCA SOP. All other method-specific calibration verification requirements were met.

Some analytes were outside acceptance limits in the capping continuing calibration verification (CCV) associated with batch 89646. Sample matrix is suspected as the cause of this failure. The capping CCV requirement is specific to the Delaware HSCA SOP. All other method-specific calibration verification requirements were met.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 89215 were outside control limits. The associated laboratory

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control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 88819 were outside control limits for Benzo(g,h,i)perylene, Dibenz(a,h)anthracene and/or Indeno(1,2,3-cd)pyrene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Several analytes failed the recovery criteria high for the MS of sample 460-31904-1 in batch 460-89644.

Several analytes failed the recovery criteria high for the MSD of sample 460-31904-1 in batch 460-89646.

Benzo(g,h,i)perylene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene failed the recovery criteria high for the MS of sample 460-32001-7 in batch 460-89646.

Benzo(g,h,i)perylene failed the recovery criteria high for the MSD of sample 460-32001-7 in batch 460-89310.

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 460-32001-1 through 460-32001-15 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 10/05/2011.

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: 460-32001-1

Client Sample ID: SO-17338-092911-MM-099

Lab Sample ID: 460-32001-1

Date Collected: 09/29/11 09:50

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16.5		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	83.5		1.0	1.0	%			10/05/11 21:27	1

Client Sample ID: SO-17338-092911-MM-100

Lab Sample ID: 460-32001-2

Date Collected: 09/29/11 09:59

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	100	U	100	28	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Chloromethane	100	U	100	21	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Vinyl chloride	100	U	100	12	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Bromomethane	100	U	100	31	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Chloroethane	100	U	100	45	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Trichlorofluoromethane	100	U	100	16	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,1-Dichloroethene	100	U	100	14	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	29	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Acetone	1000	U	1000	250	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Carbon disulfide	100	U	100	15	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Methyl acetate	200	U	200	33	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Methylene Chloride	100	U	100	19	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
trans-1,2-Dichloroethene	100	U	100	14	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Methyl tert-butyl ether	100	U	100	19	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,1-Dichloroethane	100	U	100	10	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
cis-1,2-Dichloroethene	100	U	100	19	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
2-Butanone (MEK)	1000	U	1000	82	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Chloroform	100	U	100	16	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,1,1-Trichloroethane	100	U	100	25	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Cyclohexane	100	U	100	12	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Carbon tetrachloride	100	U	100	18	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Benzene	100	U	100	12	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,2-Dichloroethane	100	U	100	25	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Trichloroethene	100	U	100	18	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Methylcyclohexane	100	U	100	8.0	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,2-Dichloropropane	100	U	100	8.8	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Dichlorobromomethane	100	U	100	9.0	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
cis-1,3-Dichloropropene	100	U	100	10	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
4-Methyl-2-pentanone (MIBK)	1000	U	1000	68	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Toluene	100	U	100	9.5	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
trans-1,3-Dichloropropene	100	U	100	12	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,1,2-Trichloroethane	100	U	100	9.8	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Tetrachloroethene	100	U	100	20	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
2-Hexanone	1000	U	1000	55	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Chlorodibromomethane	100	U	100	10	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,2-Dibromoethane	100	U	100	9.1	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Chlorobenzene	100	U	100	17	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Ethylbenzene	100	U	100	25	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Xylenes, Total	300	U	300	44	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Styrene	100	U	100	14	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-100

Lab Sample ID: 460-32001-2

Date Collected: 09/29/11 09:59

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	100	U	100	9.9	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
Isopropylbenzene	100	U	100	21	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,1,2,2-Tetrachloroethane	100	U	100	8.6	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,3-Dichlorobenzene	100	U	100	23	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,4-Dichlorobenzene	100	U	100	15	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,2-Dichlorobenzene	100	U	100	16	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,2-Dibromo-3-Chloropropane	100	U	100	15	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50
1,2,4-Trichlorobenzene	100	U	100	44	ug/Kg	☼	10/06/11 21:15	10/12/11 18:14	50

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 18:14	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		57 - 135	10/06/11 21:15	10/12/11 18:14	50
4-Bromofluorobenzene	96		50 - 124	10/06/11 21:15	10/12/11 18:14	50
Toluene-d8 (Surr)	96		46 - 130	10/06/11 21:15	10/12/11 18:14	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	400	U	400	25	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Phenol	400	U	400	49	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Bis(2-chloroethyl)ether	40	U	40	8.4	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2-Chlorophenol	400	U	400	54	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2-Methylphenol	400	U	400	58	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2,2'-oxybis[1-chloropropane]	400	U	400	53	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Acetophenone	400	U	400	60	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
4-Methylphenol	400	U	400	66	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
N-Nitrosodi-n-propylamine	40	U	40	5.3	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Hexachloroethane	40	U	40	6.8	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Nitrobenzene	40	U	40	9.0	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Isophorone	400	U	400	46	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2-Nitrophenol	400	U	400	66	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2,4-Dimethylphenol	400	U	400	64	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Bis(2-chloroethoxy)methane	400	U	400	57	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2,4-Dichlorophenol	400	U	400	64	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Naphthalene	400	U	400	59	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
4-Chloroaniline	400	U	400	51	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Hexachlorobutadiene	81	U	81	16	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Caprolactam	400	U	400	55	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
4-Chloro-3-methylphenol	400	U	400	67	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2-Methylnaphthalene	400	U	400	59	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Hexachlorocyclopentadiene	400	U	400	120	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2,4,6-Trichlorophenol	400	U	400	72	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2,4,5-Trichlorophenol	400	U	400	77	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
1,1'-Biphenyl	400	U	400	66	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2-Chloronaphthalene	400	U	400	57	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2-Nitroaniline	810	U	810	110	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Dimethyl phthalate	400	U	400	54	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2,6-Dinitrotoluene	81	U	81	10	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Acenaphthylene	400	U	400	57	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
3-Nitroaniline	810	U	810	91	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-100

Lab Sample ID: 460-32001-2

Date Collected: 09/29/11 09:59

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	400	U	400	57	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2,4-Dinitrophenol	1200	U	1200	85	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
4-Nitrophenol	1200	U	1200	100	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Dibenzofuran	400	U	400	60	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
2,4-Dinitrotoluene	81	U	81	12	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Diethyl phthalate	400	U	400	54	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Fluorene	400	U	400	68	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
4-Chlorophenyl phenyl ether	400	U	400	69	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
4-Nitroaniline	810	U	810	83	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
4,6-Dinitro-2-methylphenol	1200	U	1200	190	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
N-Nitrosodiphenylamine	400	U	400	65	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
4-Bromophenyl phenyl ether	400	U	400	72	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Hexachlorobenzene	40	U	40	5.6	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Atrazine	400	U	400	75	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Pentachlorophenol	1200	U	1200	200	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Phenanthrene	400	U	400	70	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Anthracene	400	U	400	71	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Carbazole	400	U	400	64	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Di-n-butyl phthalate	400	U	400	61	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Fluoranthene	400	U	400	67	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Pyrene	400	U	400	69	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Butyl benzyl phthalate	400	U	400	47	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
3,3'-Dichlorobenzidine	810	U	810	89	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Benzo[a]anthracene	40	U	40	7.4	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Chrysene	400	U	400	58	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Bis(2-ethylhexyl) phthalate	400	U	400	53	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Di-n-octyl phthalate	400	U	400	48	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Benzo[b]fluoranthene	40	U	40	6.0	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Benzo[k]fluoranthene	40	U	40	5.6	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Benzo[a]pyrene	40	U	40	4.9	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Indeno[1,2,3-cd]pyrene	40	U	40	6.4	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Dibenz(a,h)anthracene	40	U	40	4.8	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1
Benzo[g,h,i]perylene	400	U	400	42	ug/Kg	☼	10/08/11 16:15	10/13/11 16:26	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/08/11 16:15	10/13/11 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		10 - 120	10/08/11 16:15	10/13/11 16:26	1
2-Fluorobiphenyl	61		40 - 109	10/08/11 16:15	10/13/11 16:26	1
2-Fluorophenol (Surr)	53		37 - 125	10/08/11 16:15	10/13/11 16:26	1
Nitrobenzene-d5 (Surr)	66		38 - 105	10/08/11 16:15	10/13/11 16:26	1
Phenol-d5 (Surr)	52		41 - 118	10/08/11 16:15	10/13/11 16:26	1
Terphenyl-d14 (Surr)	61		16 - 151	10/08/11 16:15	10/13/11 16:26	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	8.1	U	8.1	1.5	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
beta-BHC	8.1	U	8.1	1.1	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
delta-BHC	8.1	U	8.1	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
gamma-BHC (Lindane)	8.1	U	8.1	0.95	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-100

Lab Sample ID: 460-32001-2

Date Collected: 09/29/11 09:59

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	8.1	U	8.1	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Aldrin	8.1	U	8.1	1.8	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Heptachlor epoxide	8.1	U	8.1	1.6	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Endosulfan I	8.1	U	8.1	1.7	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Dieldrin	8.1	U	8.1	1.6	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
4,4'-DDE	8.1	U	8.1	1.6	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Endrin	8.1	U	8.1	1.1	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Endosulfan II	8.1	U	8.1	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
4,4'-DDD	10		8.1	0.97	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Endosulfan sulfate	8.1	U	8.1	1.0	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
4,4'-DDT	19		8.1	1.0	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Methoxychlor	8.1	U	8.1	0.91	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Endrin ketone	8.1	U	8.1	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Endrin aldehyde	8.1	U	8.1	2.0	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
alpha-Chlordane	8.1	U	8.1	1.7	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
gamma-Chlordane	8.1	U	8.1	1.7	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1
Toxaphene	81	U	81	17	ug/Kg	☼	10/07/11 03:03	10/11/11 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		53 - 150	10/07/11 03:03	10/11/11 12:48	1
DCB Decachlorobiphenyl	58	p	53 - 150	10/07/11 03:03	10/11/11 12:48	1
Tetrachloro-m-xylene	41		40 - 150	10/07/11 03:03	10/11/11 12:48	1
Tetrachloro-m-xylene	41		40 - 150	10/07/11 03:03	10/11/11 12:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	81	U	81	16	ug/Kg	☼	10/11/11 03:23	10/11/11 11:45	1
PCB-1221	81	U	81	25	ug/Kg	☼	10/11/11 03:23	10/11/11 11:45	1
PCB-1232	81	U	81	46	ug/Kg	☼	10/11/11 03:23	10/11/11 11:45	1
PCB-1242	81	U	81	15	ug/Kg	☼	10/11/11 03:23	10/11/11 11:45	1
PCB-1248	81	U	81	22	ug/Kg	☼	10/11/11 03:23	10/11/11 11:45	1
PCB-1254	81	U	81	28	ug/Kg	☼	10/11/11 03:23	10/11/11 11:45	1
PCB-1260	81	U	81	9.1	ug/Kg	☼	10/11/11 03:23	10/11/11 11:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	125		30 - 150	10/11/11 03:23	10/11/11 11:45	1
DCB Decachlorobiphenyl	111		30 - 150	10/11/11 03:23	10/11/11 11:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11600		47.6	17.5	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Antimony	2.5		2.4	1.0	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Arsenic	6.4		1.2	0.83	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Barium	106		47.6	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Beryllium	0.61		0.48	0.21	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Cadmium	1.2	U	1.2	0.19	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Calcium	2440		1190	31.3	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Chromium	27.0		2.4	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Cobalt	6.1	J	11.9	1.5	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Copper	10.7		6.0	0.97	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Iron	24200		35.7	12.6	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-100

Lab Sample ID: 460-32001-2

Date Collected: 09/29/11 09:59

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	27.4		1.2	0.60	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Magnesium	1900		1190	12.6	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Manganese	368		3.6	1.3	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Nickel	8.0	J	9.5	0.64	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Potassium	453	J	1190	53.8	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Selenium	2.4	U	2.4	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Silver	2.4	U	2.4	0.18	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Sodium	75.9	J	1190	73.1	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Thallium	2.4	U	2.4	1.2	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Vanadium	42.0		11.9	0.62	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4
Zinc	27.9		7.1	1.2	mg/Kg	☼	10/08/11 18:54	10/09/11 04:08	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040	U	0.040	0.027	mg/Kg	☼	10/07/11 18:00	10/07/11 21:54	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17.7		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	82.3		1.0	1.0	%			10/05/11 21:27	1

Client Sample ID: SO-17338-092911-MM-101

Lab Sample ID: 460-32001-3

Date Collected: 09/29/11 10:15

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.8		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	89.2		1.0	1.0	%			10/05/11 21:27	1

Client Sample ID: SO-17338-092911-MM-102

Lab Sample ID: 460-32001-4

Date Collected: 09/29/11 10:20

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12.9		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	87.1		1.0	1.0	%			10/05/11 21:27	1

Client Sample ID: SO-17338-092911-MM-103

Lab Sample ID: 460-32001-5

Date Collected: 09/29/11 10:25

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.4		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	85.6		1.0	1.0	%			10/05/11 21:27	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-104

Lab Sample ID: 460-32001-6

Date Collected: 09/29/11 10:45

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 75.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	120	U	120	33	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Chloromethane	120	U	120	24	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Vinyl chloride	120	U	120	14	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Bromomethane	120	U	120	36	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Chloroethane	120	U	120	52	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Trichlorofluoromethane	120	U	120	18	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,1-Dichloroethene	120	U	120	16	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,1,2-Trichloro-1,2,2-trifluoroethane	120	U	120	33	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Acetone	1200	U	1200	290	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Carbon disulfide	120	U	120	17	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Methyl acetate	230	U	230	38	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Methylene Chloride	120	U	120	22	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
trans-1,2-Dichloroethene	120	U	120	16	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Methyl tert-butyl ether	120	U	120	21	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,1-Dichloroethane	120	U	120	12	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
cis-1,2-Dichloroethene	65	J	120	22	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
2-Butanone (MEK)	1200	U	1200	95	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Chloroform	120	U	120	18	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,1,1-Trichloroethane	120	U	120	29	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Cyclohexane	130		120	14	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Carbon tetrachloride	120	U	120	21	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Benzene	290		120	14	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,2-Dichloroethane	120	U	120	29	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Trichloroethene	180		120	21	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Methylcyclohexane	1400		120	9.3	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,2-Dichloropropane	120	U	120	10	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Dichlorobromomethane	120	U	120	10	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
cis-1,3-Dichloropropene	120	U	120	12	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
4-Methyl-2-pentanone (MIBK)	1200	U	1200	79	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Toluene	570		120	11	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
trans-1,3-Dichloropropene	120	U	120	14	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,1,2-Trichloroethane	120	U	120	11	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Tetrachloroethene	120	U	120	23	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
2-Hexanone	1200	U	1200	63	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Chlorodibromomethane	120	U	120	12	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,2-Dibromoethane	120	U	120	11	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Chlorobenzene	120	U	120	19	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Ethylbenzene	260		120	29	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Xylenes, Total	1900		350	50	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Styrene	120	U	120	16	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Bromoform	120	U	120	11	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
Isopropylbenzene	160		120	25	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,1,2,2-Tetrachloroethane	120	U	120	10	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,3-Dichlorobenzene	120	U	120	26	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,4-Dichlorobenzene	120	U	120	17	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,2-Dichlorobenzene	120	U	120	19	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,2-Dibromo-3-Chloropropane	120	U	120	18	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50
1,2,4-Trichlorobenzene	120	U	120	51	ug/Kg	☼	10/06/11 21:17	10/12/11 18:39	50

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-104

Lab Sample ID: 460-32001-6

Date Collected: 09/29/11 10:45

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 75.4

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C8H16 Cycloalkane	680	J	ug/Kg	☼	10.08		10/06/11 21:17	10/12/11 18:39	50
C9H18 Cycloalkane	1900	J	ug/Kg	☼	10.76		10/06/11 21:17	10/12/11 18:39	50
C13H28 Alkane	890	J	ug/Kg	☼	12.15		10/06/11 21:17	10/12/11 18:39	50
Ethylmethylbenzene	1500	J	ug/Kg	☼	12.84		10/06/11 21:17	10/12/11 18:39	50
isomer/Unknown-1									
Ethylmethylbenzene isomer/Unknown	620	J	ug/Kg	☼	13.14		10/06/11 21:17	10/12/11 18:39	50
1,2,4-Trimethylbenzene	710		ug/Kg	☼	13.31	95-63-6	10/06/11 21:17	10/12/11 18:39	50
Trimethylbenzene isomer	890	J	ug/Kg	☼	13.31		10/06/11 21:17	10/12/11 18:39	50
Unknown	2100	J	ug/Kg	☼	14.80		10/06/11 21:17	10/12/11 18:39	50
Ethylidimethylbenzene isomer	990	J	ug/Kg	☼	15.68		10/06/11 21:17	10/12/11 18:39	50
Naphthalene	950		ug/Kg	☼	16.80	91-20-3	10/06/11 21:17	10/12/11 18:39	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		57 - 135				10/06/11 21:17	10/12/11 18:39	50
4-Bromofluorobenzene	78		50 - 124				10/06/11 21:17	10/12/11 18:39	50
Toluene-d8 (Surr)	86		46 - 130				10/06/11 21:17	10/12/11 18:39	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	440	U	440	27	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Phenol	440	U	440	54	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Bis(2-chloroethyl)ether	44	U	44	9.1	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2-Chlorophenol	440	U	440	59	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2-Methylphenol	440	U	440	63	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2,2'-oxybis[1-chloropropane]	440	U	440	58	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Acetophenone	440	U	440	65	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
4-Methylphenol	89	J	440	72	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
N-Nitrosodi-n-propylamine	44	U	44	5.8	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Hexachloroethane	44	U	44	7.4	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Nitrobenzene	44	U	44	9.8	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Isophorone	440	U	440	50	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2-Nitrophenol	440	U	440	72	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2,4-Dimethylphenol	440	U	440	70	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Bis(2-chloroethoxy)methane	440	U	440	63	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2,4-Dichlorophenol	440	U	440	70	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Naphthalene	440	U	440	64	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
4-Chloroaniline	440	U	440	55	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Hexachlorobutadiene	89	U	89	18	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Caprolactam	440	U	440	60	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
4-Chloro-3-methylphenol	440	U	440	74	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2-Methylnaphthalene	440	U	440	64	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Hexachlorocyclopentadiene	440	U	440	130	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2,4,6-Trichlorophenol	440	U	440	79	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2,4,5-Trichlorophenol	440	U	440	84	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
1,1'-Biphenyl	440	U	440	72	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2-Chloronaphthalene	440	U	440	62	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2-Nitroaniline	890	U	890	120	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Dimethyl phthalate	440	U	440	59	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2,6-Dinitrotoluene	89	U	89	11	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Acenaphthylene	440	U	440	63	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
3-Nitroaniline	890	U	890	99	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-104

Lab Sample ID: 460-32001-6

Date Collected: 09/29/11 10:45

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 75.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	440	U	440	62	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2,4-Dinitrophenol	1300	U	1300	93	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
4-Nitrophenol	1300	U	1300	110	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Dibenzofuran	440	U	440	66	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
2,4-Dinitrotoluene	89	U	89	13	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Diethyl phthalate	440	U	440	59	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Fluorene	440	U	440	74	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
4-Chlorophenyl phenyl ether	440	U	440	75	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
4-Nitroaniline	890	U	890	91	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
4,6-Dinitro-2-methylphenol	1300	U	1300	210	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
N-Nitrosodiphenylamine	440	U	440	71	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
4-Bromophenyl phenyl ether	440	U	440	78	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Hexachlorobenzene	44	U	44	6.1	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Atrazine	440	U	440	82	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Pentachlorophenol	1300	U	1300	210	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Phenanthrene	440	U	440	77	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Anthracene	440	U	440	77	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Carbazole	440	U	440	70	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Di-n-butyl phthalate	750		440	67	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Fluoranthene	440	U	440	73	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Pyrene	440	U	440	76	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Butyl benzyl phthalate	760		440	51	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
3,3'-Dichlorobenzidine	890	U	890	97	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Benzo[a]anthracene	44	U	44	8.1	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Chrysene	440	U	440	64	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Bis(2-ethylhexyl) phthalate	2000		440	58	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Di-n-octyl phthalate	440	U	440	52	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Benzo[b]fluoranthene	21	J	44	6.5	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Benzo[k]fluoranthene	44	U	44	6.1	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Benzo[a]pyrene	19	J	44	5.4	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Indeno[1,2,3-cd]pyrene	14	J	44	7.0	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Dibenz(a,h)anthracene	14	J	44	5.3	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1
Benzo[g,h,i]perylene	440	U	440	46	ug/Kg	☼	10/08/11 16:15	10/13/11 20:12	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Phthalic anhydride	3200	J N	ug/Kg	☼	5.54	85-44-9	10/08/11 16:15	10/13/11 20:12	1
Unknown	1600	J	ug/Kg	☼	8.30		10/08/11 16:15	10/13/11 20:12	1
10,18-Bisnorabieta-5,7,9(10),11,13-penta	2200	J N	ug/Kg	☼	9.18	6566-19-4	10/08/11 16:15	10/13/11 20:12	1
Unknown Cycloalkane	520	J	ug/Kg	☼	10.48		10/08/11 16:15	10/13/11 20:12	1
Unknown-2	1200	J	ug/Kg	☼	11.11		10/08/11 16:15	10/13/11 20:12	1
Unknown-3	410	J	ug/Kg	☼	11.18		10/08/11 16:15	10/13/11 20:12	1
Unknown-4	500	J	ug/Kg	☼	11.33		10/08/11 16:15	10/13/11 20:12	1
Unknown-5	1300	J	ug/Kg	☼	11.48		10/08/11 16:15	10/13/11 20:12	1
Unknown-6	930	J	ug/Kg	☼	11.61		10/08/11 16:15	10/13/11 20:12	1
Unknown-7	1300	J	ug/Kg	☼	11.63		10/08/11 16:15	10/13/11 20:12	1
Unknown-8	570	J	ug/Kg	☼	11.75		10/08/11 16:15	10/13/11 20:12	1
Unknown-9	1400	J	ug/Kg	☼	11.78		10/08/11 16:15	10/13/11 20:12	1
Unknown-10	780	J	ug/Kg	☼	11.81		10/08/11 16:15	10/13/11 20:12	1
Unknown-11	1100	J	ug/Kg	☼	11.96		10/08/11 16:15	10/13/11 20:12	1
Unknown-12	460	J	ug/Kg	☼	12.54		10/08/11 16:15	10/13/11 20:12	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-104

Lab Sample ID: 460-32001-6

Date Collected: 09/29/11 10:45

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 75.4

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown-13	6500	J	ug/Kg	☼	12.90		10/08/11 16:15	10/13/11 20:12	1
Unknown-14	990	J	ug/Kg	☼	13.27		10/08/11 16:15	10/13/11 20:12	1
Unknown-15	1700	J	ug/Kg	☼	13.88		10/08/11 16:15	10/13/11 20:12	1
Unknown-16	500	J	ug/Kg	☼	14.10		10/08/11 16:15	10/13/11 20:12	1
Unknown-17	400	J	ug/Kg	☼	14.98		10/08/11 16:15	10/13/11 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		10 - 120	10/08/11 16:15	10/13/11 20:12	1
2-Fluorobiphenyl	81		40 - 109	10/08/11 16:15	10/13/11 20:12	1
2-Fluorophenol (Surr)	69		37 - 125	10/08/11 16:15	10/13/11 20:12	1
Nitrobenzene-d5 (Surr)	84		38 - 105	10/08/11 16:15	10/13/11 20:12	1
Phenol-d5 (Surr)	66		41 - 118	10/08/11 16:15	10/13/11 20:12	1
Terphenyl-d14 (Surr)	59		16 - 151	10/08/11 16:15	10/13/11 20:12	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	8.9	U	8.9	1.6	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
beta-BHC	8.9	U	8.9	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
delta-BHC	8.9	U	8.9	1.4	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
gamma-BHC (Lindane)	8.9	U	8.9	1.0	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Heptachlor	8.9	U	8.9	1.3	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Aldrin	8.9	U	8.9	1.9	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Heptachlor epoxide	8.9	U	8.9	1.8	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Endosulfan I	8.9	U	8.9	1.9	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Dieldrin	8.9	U	8.9	1.7	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
4,4'-DDE	8.9	U	8.9	1.7	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Endrin	8.9	U	8.9	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Endosulfan II	8.9	U	8.9	1.3	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
4,4'-DDD	8.9	U	8.9	1.1	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Endosulfan sulfate	8.9	U	8.9	1.1	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
4,4'-DDT	8.9	U	8.9	1.1	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Methoxychlor	13		8.9	0.99	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Endrin ketone	29		8.9	1.3	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Endrin aldehyde	70		8.9	2.2	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
alpha-Chlordane	8.9	U	8.9	1.9	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
gamma-Chlordane	8.9	U	8.9	1.8	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1
Toxaphene	89	U	89	19	ug/Kg	☼	10/07/11 03:03	10/11/11 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	446	E X	53 - 150	10/07/11 03:03	10/11/11 13:01	1
DCB Decachlorobiphenyl	542	E X	53 - 150	10/07/11 03:03	10/11/11 13:01	1
Tetrachloro-m-xylene	62		40 - 150	10/07/11 03:03	10/11/11 13:01	1
Tetrachloro-m-xylene	65		40 - 150	10/07/11 03:03	10/11/11 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	89	U	89	17	ug/Kg	☼	10/11/11 03:23	10/11/11 12:01	1
PCB-1221	89	U	89	27	ug/Kg	☼	10/11/11 03:23	10/11/11 12:01	1
PCB-1232	89	U	89	50	ug/Kg	☼	10/11/11 03:23	10/11/11 12:01	1
PCB-1242	89	U	89	17	ug/Kg	☼	10/11/11 03:23	10/11/11 12:01	1
PCB-1248	89	U	89	24	ug/Kg	☼	10/11/11 03:23	10/11/11 12:01	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-104

Lab Sample ID: 460-32001-6

Date Collected: 09/29/11 10:45

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 75.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	89	U	89	30	ug/Kg	☼	10/11/11 03:23	10/11/11 12:01	1
PCB-1260	89	U	89	9.9	ug/Kg	☼	10/11/11 03:23	10/11/11 12:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	797	E X	30 - 150				10/11/11 03:23	10/11/11 12:01	1
DCB Decachlorobiphenyl	942	E X	30 - 150				10/11/11 03:23	10/11/11 12:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5200		265	97.2	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Antimony	656		13.3	5.8	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Arsenic	92.1		6.6	4.6	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Barium	16400		265	8.0	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Beryllium	2.7	U	2.7	1.2	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Cadmium	586		6.6	1.0	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Calcium	19900		6630	174	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Chromium	248		13.3	7.9	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Cobalt	10.0	J	66.3	8.1	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Copper	214		33.2	5.4	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Iron	82400		199	70.4	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Lead	13700		6.6	3.3	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Magnesium	4200	J	6630	70.2	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Manganese	574		19.9	7.5	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Nickel	60.0		53.1	3.6	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Potassium	402	J	6630	299	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Selenium	110		13.3	6.2	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Silver	1.8	J	13.3	1.0	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Sodium	466	J	6630	407	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Thallium	13.3	U	13.3	6.4	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Vanadium	23.3	J	66.3	3.4	mg/Kg	☼	10/08/11 18:54	10/10/11 00:08	20
Zinc	16900		199	32.5	mg/Kg	☼	10/08/11 18:54	10/10/11 12:08	100

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.044	0.029	mg/Kg	☼	10/07/11 18:00	10/07/11 22:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.8	U	2.8	0.68	mg/Kg	☼	10/20/11 12:00	10/24/11 12:10	1
Cr (VI)	1.3	J	2.7	0.67	mg/Kg	☼	10/25/11 08:00	10/25/11 15:51	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	24.6		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	75.4		1.0	1.0	%			10/05/11 21:27	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-105

Lab Sample ID: 460-32001-7

Date Collected: 09/29/11 10:55

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	110	U	110	32	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Chloromethane	110	U	110	24	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Vinyl chloride	110	U	110	14	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Bromomethane	110	U	110	36	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Chloroethane	110	U	110	51	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Trichlorofluoromethane	110	U	110	18	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,1-Dichloroethene	110	U	110	16	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,1,2-Trichloro-1,2,2-trifluoroethane	110	U	110	33	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Acetone	1100	U	1100	280	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Carbon disulfide	110	U	110	17	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Methyl acetate	230	U	230	37	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Methylene Chloride	110	U	110	22	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
trans-1,2-Dichloroethene	110	U	110	16	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Methyl tert-butyl ether	110	U	110	21	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,1-Dichloroethane	110	U	110	11	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
cis-1,2-Dichloroethene	110	U	110	22	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
2-Butanone (MEK)	1100	U	1100	94	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Chloroform	110	U	110	18	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,1,1-Trichloroethane	110	U	110	28	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Cyclohexane	110	U	110	14	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Carbon tetrachloride	110	U	110	21	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Benzene	110	U	110	14	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,2-Dichloroethane	110	U	110	28	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Trichloroethene	110	U	110	20	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Methylcyclohexane	110	U	110	9.1	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,2-Dichloropropane	110	U	110	10	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Dichlorobromomethane	110	U	110	10	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
cis-1,3-Dichloropropene	110	U	110	12	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
4-Methyl-2-pentanone (MIBK)	1100	U	1100	78	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Toluene	110	U	110	11	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
trans-1,3-Dichloropropene	110	U	110	14	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,1,2-Trichloroethane	110	U	110	11	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Tetrachloroethene	110	U	110	22	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
2-Hexanone	1100	U	1100	62	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Chlorodibromomethane	110	U	110	11	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,2-Dibromoethane	110	U	110	10	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Chlorobenzene	110	U	110	19	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Ethylbenzene	110	U	110	28	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Xylenes, Total	340	U	340	50	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Styrene	110	U	110	16	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Bromoform	110	U	110	11	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
Isopropylbenzene	110	U	110	24	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,1,2,2-Tetrachloroethane	110	U	110	9.8	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,3-Dichlorobenzene	110	U	110	26	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,4-Dichlorobenzene	110	U	110	17	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,2-Dichlorobenzene	110	U	110	19	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,2-Dibromo-3-Chloropropane	110	U	110	18	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50
1,2,4-Trichlorobenzene	110	U	110	50	ug/Kg	☼	10/06/11 21:18	10/12/11 19:04	50

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-105

Lab Sample ID: 460-32001-7

Date Collected: 09/29/11 10:55

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 80.1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/06/11 21:18	10/12/11 19:04	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		57 - 135				10/06/11 21:18	10/12/11 19:04	50
4-Bromofluorobenzene	103		50 - 124				10/06/11 21:18	10/12/11 19:04	50
Toluene-d8 (Surr)	98		46 - 130				10/06/11 21:18	10/12/11 19:04	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	410	U	410	26	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Phenol	410	U	410	50	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Bis(2-chloroethyl)ether	41	U	41	8.6	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2-Chlorophenol	410	U	410	55	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2-Methylphenol	410	U	410	59	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2,2'-oxybis[1-chloropropane]	410	U	410	54	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Acetophenone	410	U	410	61	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
4-Methylphenol	410	U	410	67	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
N-Nitrosodi-n-propylamine	41	U	41	5.4	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Hexachloroethane	41	U	41	6.9	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Nitrobenzene	41	U	41	9.2	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Isophorone	410	U	410	47	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2-Nitrophenol	410	U	410	68	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2,4-Dimethylphenol	410	U	410	66	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Bis(2-chloroethoxy)methane	410	U	410	59	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2,4-Dichlorophenol	410	U	410	66	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Naphthalene	410	U	410	60	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
4-Chloroaniline	410	U	410	52	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Hexachlorobutadiene	83	U	83	17	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Caprolactam	410	U	410	57	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
4-Chloro-3-methylphenol	410	U	410	69	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2-Methylnaphthalene	410	U	410	60	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Hexachlorocyclopentadiene	410	U	410	120	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2,4,6-Trichlorophenol	410	U	410	74	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2,4,5-Trichlorophenol	410	U	410	79	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
1,1'-Biphenyl	410	U	410	68	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2-Chloronaphthalene	410	U	410	58	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2-Nitroaniline	830	U	830	110	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Dimethyl phthalate	410	U	410	56	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2,6-Dinitrotoluene	83	U	83	10	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Acenaphthylene	410	U	410	59	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
3-Nitroaniline	830	U	830	93	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Acenaphthene	410	U	410	59	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2,4-Dinitrophenol	1200	U	1200	87	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
4-Nitrophenol	1200	U	1200	110	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Dibenzofuran	410	U	410	62	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
2,4-Dinitrotoluene	83	U	83	12	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Diethyl phthalate	410	U	410	55	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Fluorene	410	U	410	70	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
4-Chlorophenyl phenyl ether	410	U	410	71	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
4-Nitroaniline	830	U	830	85	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
4,6-Dinitro-2-methylphenol	1200	U	1200	200	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-105

Lab Sample ID: 460-32001-7

Date Collected: 09/29/11 10:55

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	410	U	410	67	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
4-Bromophenyl phenyl ether	410	U	410	73	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Hexachlorobenzene	41	U	41	5.7	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Atrazine	410	U	410	77	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Pentachlorophenol	1200	U	1200	200	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Phenanthrene	410	U	410	72	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Anthracene	410	U	410	73	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Carbazole	410	U	410	66	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Di-n-butyl phthalate	410	U	410	63	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Fluoranthene	410	U	410	68	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Pyrene	410	U	410	71	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Butyl benzyl phthalate	180	J	410	48	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
3,3'-Dichlorobenzidine	830	U	830	91	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Benzo[a]anthracene	41	U	41	7.6	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Chrysene	410	U	410	60	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Bis(2-ethylhexyl) phthalate	120	J	410	55	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Di-n-octyl phthalate	410	U	410	49	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Benzo[b]fluoranthene	41	U	41	6.1	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Benzo[k]fluoranthene	41	U	41	5.8	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Benzo[a]pyrene	41	U	41	5.1	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Indeno[1,2,3-cd]pyrene	41	U	41	6.6	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Dibenz(a,h)anthracene	41	U	41	5.0	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1
Benzo[g,h,i]perylene	410	U	410	43	ug/Kg	☼	10/08/11 16:15	10/13/11 17:41	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/08/11 16:15	10/13/11 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		10 - 120	10/08/11 16:15	10/13/11 17:41	1
2-Fluorobiphenyl	74		40 - 109	10/08/11 16:15	10/13/11 17:41	1
2-Fluorophenol (Surr)	62		37 - 125	10/08/11 16:15	10/13/11 17:41	1
Nitrobenzene-d5 (Surr)	73		38 - 105	10/08/11 16:15	10/13/11 17:41	1
Phenol-d5 (Surr)	65		41 - 118	10/08/11 16:15	10/13/11 17:41	1
Terphenyl-d14 (Surr)	84		16 - 151	10/08/11 16:15	10/13/11 17:41	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	8.3	U	8.3	1.5	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
beta-BHC	8.3	U	8.3	1.1	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
delta-BHC	8.3	U	8.3	1.3	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
gamma-BHC (Lindane)	8.3	U	8.3	0.97	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Heptachlor	8.3	U	8.3	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Aldrin	8.3	U	8.3	1.8	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Heptachlor epoxide	8.3	U	8.3	1.7	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Endosulfan I	8.3	U	8.3	1.8	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Dieldrin	8.3	U	8.3	1.6	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
4,4'-DDE	8.3	U	8.3	1.6	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Endrin	8.3	U	8.3	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Endosulfan II	8.3	U	8.3	1.3	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
4,4'-DDD	8.3	U	8.3	1.0	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Endosulfan sulfate	8.3	U	8.3	1.1	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-105

Lab Sample ID: 460-32001-7

Date Collected: 09/29/11 10:55

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	8.3	U	8.3	1.0	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Methoxychlor	8.3	U	8.3	0.93	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Endrin ketone	8.3	U	8.3	1.2	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Endrin aldehyde	8.6		8.3	2.1	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
alpha-Chlordane	8.3	U	8.3	1.8	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
gamma-Chlordane	8.3	U	8.3	1.7	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1
Toxaphene	83	U	83	17	ug/Kg	☼	10/07/11 03:03	10/11/11 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58	p	53 - 150	10/07/11 03:03	10/11/11 13:29	1
DCB Decachlorobiphenyl	101		53 - 150	10/07/11 03:03	10/11/11 13:29	1
Tetrachloro-m-xylene	51		40 - 150	10/07/11 03:03	10/11/11 13:29	1
Tetrachloro-m-xylene	50		40 - 150	10/07/11 03:03	10/11/11 13:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	83	U	83	16	ug/Kg	☼	10/11/11 03:23	10/11/11 10:10	1
PCB-1221	83	U	83	25	ug/Kg	☼	10/11/11 03:23	10/11/11 10:10	1
PCB-1232	83	U	83	47	ug/Kg	☼	10/11/11 03:23	10/11/11 10:10	1
PCB-1242	83	U	83	16	ug/Kg	☼	10/11/11 03:23	10/11/11 10:10	1
PCB-1248	83	U	83	22	ug/Kg	☼	10/11/11 03:23	10/11/11 10:10	1
PCB-1254	83	U	83	29	ug/Kg	☼	10/11/11 03:23	10/11/11 10:10	1
PCB-1260	83	U	83	9.3	ug/Kg	☼	10/11/11 03:23	10/11/11 10:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		30 - 150	10/11/11 03:23	10/11/11 10:10	1
DCB Decachlorobiphenyl	65		30 - 150	10/11/11 03:23	10/11/11 10:10	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9250		46.2	16.9	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Antimony	2.3	U	2.3	1.0	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Arsenic	5.5		1.2	0.80	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Barium	163		46.2	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Beryllium	0.81		0.46	0.20	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Cadmium	0.38	J	1.2	0.18	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Calcium	655	J	1160	30.4	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Chromium	25.5		2.3	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Cobalt	10.2	J	11.6	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Copper	13.2		5.8	0.94	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Iron	15700		34.7	12.3	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Lead	14.9		1.2	0.58	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Magnesium	2390		1160	12.2	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Manganese	122		3.5	1.3	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Nickel	12.4		9.2	0.62	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Potassium	761	J	1160	52.1	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Selenium	2.3	U	2.3	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Silver	2.3	U	2.3	0.18	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Sodium	167	J	1160	70.9	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Thallium	2.3	U	2.3	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4
Vanadium	45.1		11.6	0.60	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-105

Lab Sample ID: 460-32001-7

Date Collected: 09/29/11 10:55

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	48.4		6.9	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 04:01	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041	U	0.041	0.027	mg/Kg	☼	10/11/11 17:45	10/11/11 20:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19.9		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	80.1		1.0	1.0	%			10/05/11 21:27	1

Client Sample ID: SO-17338-092911-MM-106

Lab Sample ID: 460-32001-8

Date Collected: 09/29/11 11:45

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.9		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	90.1		1.0	1.0	%			10/05/11 21:27	1

Client Sample ID: SO-17338-092911-MM-107

Lab Sample ID: 460-32001-9

Date Collected: 09/29/11 12:00

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17.4		1.0	1.0	%			10/05/11 21:27	1
Percent Solids	82.6		1.0	1.0	%			10/05/11 21:27	1

Client Sample ID: SO-17338-092911-MM-108

Lab Sample ID: 460-32001-10

Date Collected: 09/29/11 12:20

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	390	U	390	24	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Phenol	390	U	390	48	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Bis(2-chloroethyl)ether	39	U	39	8.1	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2-Chlorophenol	390	U	390	52	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2-Methylphenol	390	U	390	56	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2,2'-oxybis[1-chloropropane]	390	U	390	51	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Acetophenone	390	U	390	58	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
4-Methylphenol	390	U	390	64	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
N-Nitrosodi-n-propylamine	39	U	39	5.1	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Hexachloroethane	39	U	39	6.5	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Nitrobenzene	39	U	39	8.7	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Isophorone	390	U	390	45	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2-Nitrophenol	390	U	390	64	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2,4-Dimethylphenol	390	U	390	62	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-108

Lab Sample ID: 460-32001-10

Date Collected: 09/29/11 12:20

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	390	U	390	55	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2,4-Dichlorophenol	390	U	390	62	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Naphthalene	390	U	390	57	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
4-Chloroaniline	390	U	390	49	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Hexachlorobutadiene	79	U	79	16	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Caprolactam	390	U	390	53	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
4-Chloro-3-methylphenol	390	U	390	65	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2-Methylnaphthalene	390	U	390	57	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Hexachlorocyclopentadiene	390	U	390	110	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2,4,6-Trichlorophenol	390	U	390	69	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2,4,5-Trichlorophenol	390	U	390	75	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
1,1'-Biphenyl	390	U	390	64	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2-Chloronaphthalene	390	U	390	55	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2-Nitroaniline	790	U	790	110	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Dimethyl phthalate	390	U	390	52	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2,6-Dinitrotoluene	79	U	79	9.9	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Acenaphthylene	390	U	390	56	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
3-Nitroaniline	790	U	790	88	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Acenaphthene	390	U	390	55	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2,4-Dinitrophenol	1200	U	1200	82	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
4-Nitrophenol	1200	U	1200	100	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Dibenzofuran	390	U	390	58	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
2,4-Dinitrotoluene	79	U	79	11	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Diethyl phthalate	390	U	390	52	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Fluorene	390	U	390	66	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
4-Chlorophenyl phenyl ether	390	U	390	67	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
4-Nitroaniline	790	U	790	80	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
4,6-Dinitro-2-methylphenol	1200	U	1200	190	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
N-Nitrosodiphenylamine	390	U	390	63	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
4-Bromophenyl phenyl ether	390	U	390	69	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Hexachlorobenzene	39	U	39	5.4	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Atrazine	390	U	390	72	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Pentachlorophenol	1200	U	1200	190	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Phenanthrene	120	J	390	68	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Anthracene	390	U	390	69	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Carbazole	390	U	390	62	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Di-n-butyl phthalate	390	U	390	59	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Fluoranthene	230	J	390	65	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Pyrene	170	J	390	67	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Butyl benzyl phthalate	390	U	390	45	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
3,3'-Dichlorobenzidine	790	U	790	86	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Benzo[a]anthracene	110		39	7.2	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Chrysene	120	J	390	56	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Bis(2-ethylhexyl) phthalate	390	U	390	52	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Di-n-octyl phthalate	390	U	390	46	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Benzo[b]fluoranthene	110		39	5.8	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Benzo[k]fluoranthene	39	U	39	5.4	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Benzo[a]pyrene	85		39	4.8	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Indeno[1,2,3-cd]pyrene	84		39	6.2	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
Dibenz(a,h)anthracene	15	J	39	4.7	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-108

Lab Sample ID: 460-32001-10

Date Collected: 09/29/11 12:20

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	82	J	390	41	ug/Kg	☼	10/08/11 16:15	10/13/11 18:57	1
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
28-Nor-17.beta.(H)-hopane	400	J N	ug/Kg	☼	12.90	36728-72-0	10/08/11 16:15	10/13/11 18:57	1
Unknown	400	J	ug/Kg	☼	13.26		10/08/11 16:15	10/13/11 18:57	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2,4,6-Tribromophenol (Surr)	68		10 - 120				10/08/11 16:15	10/13/11 18:57	1
2-Fluorobiphenyl	81		40 - 109				10/08/11 16:15	10/13/11 18:57	1
2-Fluorophenol (Surr)	59		37 - 125				10/08/11 16:15	10/13/11 18:57	1
Nitrobenzene-d5 (Surr)	72		38 - 105				10/08/11 16:15	10/13/11 18:57	1
Phenol-d5 (Surr)	62		41 - 118				10/08/11 16:15	10/13/11 18:57	1
Terphenyl-d14 (Surr)	77		16 - 151				10/08/11 16:15	10/13/11 18:57	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8530		45.6	16.7	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Antimony	621		11.4	5.0	mg/Kg	☼	10/08/11 18:54	10/11/11 04:00	20
Arsenic	53.0		1.1	0.79	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Barium	220		45.6	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Beryllium	0.40	J	0.46	0.20	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Cadmium	1.1		1.1	0.18	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Calcium	6970		1140	30.0	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Chromium	32.1		2.3	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Cobalt	4.9	J	11.4	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Copper	44.3		5.7	0.93	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Iron	29400		34.2	12.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Lead	12500		5.7	2.8	mg/Kg	☼	10/08/11 18:54	10/11/11 04:00	20
Magnesium	1600		1140	12.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Manganese	252		3.4	1.3	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Nickel	13.6		9.1	0.61	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Potassium	706	J	1140	51.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Selenium	2.3	U	2.3	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Silver	1.8	J	2.3	0.17	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Sodium	469	J	1140	70.0	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Thallium	2.3	U	2.3	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Vanadium	26.8		11.4	0.59	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4
Zinc	146		6.8	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:42	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.037	0.025	mg/Kg	☼	10/07/11 18:00	10/07/11 22:02	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.8		1.0	1.0	%			10/05/11 21:31	1
Percent Solids	85.2		1.0	1.0	%			10/05/11 21:31	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-109

Lab Sample ID: 460-32001-11

Date Collected: 09/29/11 12:25

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19.9		1.0	1.0	%			10/05/11 21:31	1
Percent Solids	80.1		1.0	1.0	%			10/05/11 21:31	1

Client Sample ID: SO-17338-092911-MM-110

Lab Sample ID: 460-32001-12

Date Collected: 09/29/11 13:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	100	U	100	29	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Chloromethane	100	U	100	21	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Vinyl chloride	100	U	100	12	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Bromomethane	100	U	100	32	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Chloroethane	100	U	100	45	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Trichlorofluoromethane	100	U	100	16	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,1-Dichloroethene	100	U	100	14	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	29	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Acetone	1000	U	1000	250	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Carbon disulfide	100	U	100	15	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Methyl acetate	200	U	200	33	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Methylene Chloride	100	U	100	19	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
trans-1,2-Dichloroethene	100	U	100	14	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Methyl tert-butyl ether	100	U	100	19	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,1-Dichloroethane	100	U	100	10	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
cis-1,2-Dichloroethene	100	U	100	19	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
2-Butanone (MEK)	1000	U	1000	83	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Chloroform	100	U	100	16	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,1,1-Trichloroethane	100	U	100	25	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Cyclohexane	100	U	100	12	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Carbon tetrachloride	100	U	100	18	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Benzene	100	U	100	12	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,2-Dichloroethane	100	U	100	25	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Trichloroethene	100	U	100	18	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Methylcyclohexane	81	J	100	8.1	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,2-Dichloropropane	100	U	100	8.8	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Dichlorobromomethane	100	U	100	9.0	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
cis-1,3-Dichloropropene	100	U	100	10	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
4-Methyl-2-pentanone (MIBK)	1000	U	1000	69	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Toluene	51	J	100	9.5	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
trans-1,3-Dichloropropene	100	U	100	12	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,1,2-Trichloroethane	100	U	100	9.8	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Tetrachloroethene	100	U	100	20	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
2-Hexanone	1000	U	1000	55	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Chlorodibromomethane	100	U	100	10	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,2-Dibromoethane	100	U	100	9.2	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Chlorobenzene	100	U	100	17	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Ethylbenzene	100	U	100	25	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Xylenes, Total	59	J	300	44	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Styrene	100	U	100	14	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-110

Lab Sample ID: 460-32001-12

Date Collected: 09/29/11 13:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	100	U	100	10	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
Isopropylbenzene	100	U	100	21	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,1,2,2-Tetrachloroethane	100	U	100	8.7	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,3-Dichlorobenzene	100	U	100	23	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,4-Dichlorobenzene	100	U	100	15	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,2-Dichlorobenzene	100	U	100	16	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,2-Dibromo-3-Chloropropane	100	U	100	15	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50
1,2,4-Trichlorobenzene	100	U	100	44	ug/Kg	☼	10/06/11 21:20	10/13/11 08:12	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/06/11 21:20	10/13/11 08:12	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		57 - 135	10/06/11 21:20	10/13/11 08:12	50
4-Bromofluorobenzene	89		50 - 124	10/06/11 21:20	10/13/11 08:12	50
Toluene-d8 (Surr)	91		46 - 130	10/06/11 21:20	10/13/11 08:12	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	440	U	440	28	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Phenol	440	U	440	54	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Bis(2-chloroethyl)ether	44	U	44	9.2	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2-Chlorophenol	440	U	440	59	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2-Methylphenol	440	U	440	63	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2,2'-oxybis[1-chloropropane]	440	U	440	58	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Acetophenone	440	U	440	65	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
4-Methylphenol	440	U	440	72	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
N-Nitrosodi-n-propylamine	44	U	44	5.8	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Hexachloroethane	44	U	44	7.4	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Nitrobenzene	44	U	44	9.9	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Isophorone	440	U	440	51	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2-Nitrophenol	440	U	440	72	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2,4-Dimethylphenol	440	U	440	71	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Bis(2-chloroethoxy)methane	440	U	440	63	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2,4-Dichlorophenol	440	U	440	71	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Naphthalene	440	U	440	64	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
4-Chloroaniline	440	U	440	55	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Hexachlorobutadiene	89	U	89	18	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Caprolactam	440	U	440	60	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
4-Chloro-3-methylphenol	440	U	440	74	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2-Methylnaphthalene	440	U	440	64	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Hexachlorocyclopentadiene	440	U	440	130	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2,4,6-Trichlorophenol	440	U	440	79	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2,4,5-Trichlorophenol	440	U	440	85	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
1,1'-Biphenyl	440	U	440	73	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2-Chloronaphthalene	440	U	440	62	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2-Nitroaniline	890	U	890	120	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Dimethyl phthalate	440	U	440	60	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2,6-Dinitrotoluene	89	U	89	11	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Acenaphthylene	440	U	440	63	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
3-Nitroaniline	890	U	890	100	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-110

Lab Sample ID: 460-32001-12

Date Collected: 09/29/11 13:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	440	U	440	63	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2,4-Dinitrophenol	1300	U	1300	93	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
4-Nitrophenol	1300	U	1300	110	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Dibenzofuran	440	U	440	66	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
2,4-Dinitrotoluene	89	U	89	13	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Diethyl phthalate	440	U	440	59	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Fluorene	440	U	440	75	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
4-Chlorophenyl phenyl ether	440	U	440	76	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
4-Nitroaniline	890	U	890	91	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
4,6-Dinitro-2-methylphenol	1300	U	1300	210	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
N-Nitrosodiphenylamine	440	U	440	72	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
4-Bromophenyl phenyl ether	440	U	440	78	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Hexachlorobenzene	44	U	44	6.1	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Atrazine	440	U	440	82	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Pentachlorophenol	1300	U	1300	220	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Phenanthrene	140	J	440	77	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Anthracene	440	U	440	78	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Carbazole	440	U	440	70	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Di-n-butyl phthalate	440	U	440	67	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Fluoranthene	320	J	440	73	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Pyrene	330	J	440	76	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Butyl benzyl phthalate	170	J	440	51	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
3,3'-Dichlorobenzidine	890	U	890	97	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Benzo[a]anthracene	190		44	8.1	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Chrysene	240	J	440	64	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Bis(2-ethylhexyl) phthalate	160	J	440	58	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Di-n-octyl phthalate	440	U	440	52	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Benzo[b]fluoranthene	300		44	6.6	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Benzo[k]fluoranthene	130		44	6.2	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Benzo[a]pyrene	200		44	5.4	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Indeno[1,2,3-cd]pyrene	270		44	7.0	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Dibenz(a,h)anthracene	45		44	5.3	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1
Benzo[g,h,i]perylene	270	J	440	46	ug/Kg	☼	10/12/11 12:00	10/13/11 04:49	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Cyclic octaatomic sulfur	430	J N	ug/Kg	☼	9.15	10544-50-0	10/12/11 12:00	10/13/11 04:49	1
Unknown Alkane-1	420	J	ug/Kg	☼	10.15		10/12/11 12:00	10/13/11 04:49	1
Unknown Alkane-2	800	J	ug/Kg	☼	10.49		10/12/11 12:00	10/13/11 04:49	1
Unknown Alkane-3	450	J	ug/Kg	☼	10.85		10/12/11 12:00	10/13/11 04:49	1
1-Octadecene	1100	J N	ug/Kg	☼	11.23	112-88-9	10/12/11 12:00	10/13/11 04:49	1
Unknown Alkane-4	750	J	ug/Kg	☼	11.62		10/12/11 12:00	10/13/11 04:49	1
Unknown Aldehyde	380	J	ug/Kg	☼	11.79		10/12/11 12:00	10/13/11 04:49	1
Unknown	1600	J	ug/Kg	☼	12.06		10/12/11 12:00	10/13/11 04:49	1
Unknown Alkane-5	850	J	ug/Kg	☼	12.93		10/12/11 12:00	10/13/11 04:49	1
Unknown-2	740	J	ug/Kg	☼	15.26		10/12/11 12:00	10/13/11 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	54		10 - 120	10/12/11 12:00	10/13/11 04:49	1
2-Fluorobiphenyl	96		40 - 109	10/12/11 12:00	10/13/11 04:49	1
2-Fluorophenol (Surr)	74		37 - 125	10/12/11 12:00	10/13/11 04:49	1
Nitrobenzene-d5 (Surr)	85		38 - 105	10/12/11 12:00	10/13/11 04:49	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-110

Lab Sample ID: 460-32001-12

Date Collected: 09/29/11 13:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 74.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	79		41 - 118	10/12/11 12:00	10/13/11 04:49	1
Terphenyl-d14 (Surr)	96		16 - 151	10/12/11 12:00	10/13/11 04:49	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	8.9	U	8.9	1.7	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
beta-BHC	8.9	U	8.9	1.2	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
delta-BHC	8.9	U	8.9	1.4	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
gamma-BHC (Lindane)	8.9	U	8.9	1.0	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Heptachlor	8.9	U	8.9	1.3	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Aldrin	8.9	U	8.9	2.0	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Heptachlor epoxide	8.9	U	8.9	1.8	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Endosulfan I	8.9	U	8.9	1.9	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Dieldrin	8.9	U	8.9	1.7	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
4,4'-DDE	8.9	U	8.9	1.7	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Endrin	8.9	U	8.9	1.3	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Endosulfan II	8.9	U	8.9	1.3	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
4,4'-DDD	8.9	U	8.9	1.1	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Endosulfan sulfate	8.9	U	8.9	1.1	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
4,4'-DDT	8.9	U	8.9	1.1	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Methoxychlor	8.9	U	8.9	1.0	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Endrin ketone	8.9	U	8.9	1.3	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Endrin aldehyde	8.9	U	8.9	2.2	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
alpha-Chlordane	8.9	U	8.9	1.9	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
gamma-Chlordane	8.9	U	8.9	1.8	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1
Toxaphene	89	U	89	19	ug/Kg	☼	10/13/11 03:19	10/13/11 10:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85	p	53 - 150	10/13/11 03:19	10/13/11 10:05	1
DCB Decachlorobiphenyl	136		53 - 150	10/13/11 03:19	10/13/11 10:05	1
Tetrachloro-m-xylene	74		40 - 150	10/13/11 03:19	10/13/11 10:05	1
Tetrachloro-m-xylene	83		40 - 150	10/13/11 03:19	10/13/11 10:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	89	U	89	17	ug/Kg	☼	10/13/11 03:00	10/13/11 09:51	1
PCB-1221	89	U	89	27	ug/Kg	☼	10/13/11 03:00	10/13/11 09:51	1
PCB-1232	89	U	89	51	ug/Kg	☼	10/13/11 03:00	10/13/11 09:51	1
PCB-1242	89	U	89	17	ug/Kg	☼	10/13/11 03:00	10/13/11 09:51	1
PCB-1248	89	U	89	24	ug/Kg	☼	10/13/11 03:00	10/13/11 09:51	1
PCB-1254	89	U	89	31	ug/Kg	☼	10/13/11 03:00	10/13/11 09:51	1
PCB-1260	89	U	89	10	ug/Kg	☼	10/13/11 03:00	10/13/11 09:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	107		30 - 150	10/13/11 03:00	10/13/11 09:51	1
DCB Decachlorobiphenyl	88		30 - 150	10/13/11 03:00	10/13/11 09:51	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8630		46.8	17.2	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Antimony	93.4		2.3	1.0	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-110

Lab Sample ID: 460-32001-12

Date Collected: 09/29/11 13:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18.2		1.2	0.81	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Barium	1930		46.8	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Beryllium	0.32	J	0.47	0.21	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Cadmium	19.9		1.2	0.18	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Calcium	10000		1170	30.8	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Chromium	99.6		2.3	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Cobalt	6.3	J	11.7	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Copper	271		5.9	0.96	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Iron	17600		35.1	12.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Lead	2200		1.2	0.59	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Magnesium	3300		1170	12.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Manganese	131		3.5	1.3	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Nickel	41.1		9.4	0.63	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Potassium	667	J	1170	52.8	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Selenium	2.9		2.3	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Silver	1.5	J	2.3	0.18	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Sodium	579	J	1170	71.9	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Thallium	2.3	U	2.3	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Vanadium	28.3		11.7	0.61	mg/Kg	☼	10/08/11 18:54	10/09/11 03:45	4
Zinc	1770		17.6	2.9	mg/Kg	☼	10/08/11 18:54	10/11/11 04:04	10

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.041	0.028	mg/Kg	☼	10/11/11 17:45	10/11/11 20:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.6	U	2.6	0.66	mg/Kg	☼	10/20/11 12:00	10/24/11 12:10	1
Cr (VI)	2.6	U	2.6	0.64	mg/Kg	☼	10/25/11 08:00	10/25/11 15:51	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	25.1		1.0	1.0	%			10/05/11 21:31	1
Percent Solids	74.9		1.0	1.0	%			10/05/11 21:31	1

Client Sample ID: SO-17338-092911-MM-111

Lab Sample ID: 460-32001-13

Date Collected: 09/29/11 13:15

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.8		1.0	1.0	%			10/05/11 21:31	1
Percent Solids	90.2		1.0	1.0	%			10/05/11 21:31	1

Client Sample ID: SO-17338-092911-MM-112

Lab Sample ID: 460-32001-14

Date Collected: 09/29/11 14:00

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.9		1.0	1.0	%			10/05/11 21:31	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-112

Lab Sample ID: 460-32001-14

Date Collected: 09/29/11 14:00

Matrix: Solid

Date Received: 10/05/11 18:40

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	91.1		1.0	1.0	%			10/05/11 21:31	1

Client Sample ID: SO-17338-092911-MM-113

Lab Sample ID: 460-32001-15

Date Collected: 09/29/11 14:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	89	U	89	25	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Chloromethane	89	U	89	19	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Vinyl chloride	89	U	89	11	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Bromomethane	89	U	89	28	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Chloroethane	89	U	89	40	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Trichlorofluoromethane	89	U	89	14	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,1-Dichloroethene	89	U	89	13	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,1,2-Trichloro-1,2,2-trifluoroethane	89	U	89	26	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Acetone	890	U	890	220	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Carbon disulfide	89	U	89	13	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Methyl acetate	180	U	180	29	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Methylene Chloride	89	U	89	17	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
trans-1,2-Dichloroethene	89	U	89	12	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Methyl tert-butyl ether	89	U	89	17	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,1-Dichloroethane	89	U	89	8.9	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
cis-1,2-Dichloroethene	89	U	89	17	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
2-Butanone (MEK)	890	U	890	73	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Chloroform	89	U	89	14	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,1,1-Trichloroethane	89	U	89	22	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Cyclohexane	89	U	89	11	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Carbon tetrachloride	89	U	89	16	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Benzene	89	U	89	11	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,2-Dichloroethane	89	U	89	22	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Trichloroethene	89	U	89	16	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Methylcyclohexane	89	U	89	7.2	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,2-Dichloropropane	89	U	89	7.8	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Dichlorobromomethane	89	U	89	8.0	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
cis-1,3-Dichloropropene	89	U	89	9.1	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
4-Methyl-2-pentanone (MIBK)	890	U	890	61	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Toluene	89	U	89	8.5	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
trans-1,3-Dichloropropene	89	U	89	11	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,1,2-Trichloroethane	89	U	89	8.7	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Tetrachloroethene	89	U	89	17	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
2-Hexanone	890	U	890	49	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Chlorodibromomethane	89	U	89	9.0	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,2-Dibromoethane	89	U	89	8.2	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Chlorobenzene	89	U	89	15	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Ethylbenzene	89	U	89	22	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Xylenes, Total	270	U	270	39	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Styrene	89	U	89	12	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
Bromoform	89	U	89	8.8	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-113

Lab Sample ID: 460-32001-15

Date Collected: 09/29/11 14:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	89	U	89	19	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,1,2,2-Tetrachloroethane	89	U	89	7.7	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,3-Dichlorobenzene	89	U	89	20	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,4-Dichlorobenzene	89	U	89	13	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,2-Dichlorobenzene	89	U	89	15	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,2-Dibromo-3-Chloropropane	89	U	89	14	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50
1,2,4-Trichlorobenzene	89	U	89	39	ug/Kg	☼	10/06/11 21:21	10/12/11 19:29	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/06/11 21:21	10/12/11 19:29	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		57 - 135	10/06/11 21:21	10/12/11 19:29	50
4-Bromofluorobenzene	103		50 - 124	10/06/11 21:21	10/12/11 19:29	50
Toluene-d8 (Surr)	97		46 - 130	10/06/11 21:21	10/12/11 19:29	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	370	U	370	23	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Phenol	370	U	370	45	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Bis(2-chloroethyl)ether	37	U	37	7.7	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2-Chlorophenol	370	U	370	49	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2-Methylphenol	370	U	370	53	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2,2'-oxybis[1-chloropropane]	370	U	370	48	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Acetophenone	370	U	370	55	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
4-Methylphenol	370	U	370	60	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
N-Nitrosodi-n-propylamine	37	U	37	4.9	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Hexachloroethane	37	U	37	6.2	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Nitrobenzene	37	U	37	8.2	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Isophorone	370	U	370	42	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2-Nitrophenol	370	U	370	61	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2,4-Dimethylphenol	370	U	370	59	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Bis(2-chloroethoxy)methane	370	U	370	53	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2,4-Dichlorophenol	370	U	370	59	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Naphthalene	370	U	370	54	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
4-Chloroaniline	370	U	370	46	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Hexachlorobutadiene	75	U	75	15	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Caprolactam	370	U	370	50	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
4-Chloro-3-methylphenol	370	U	370	62	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2-Methylnaphthalene	370	U	370	54	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Hexachlorocyclopentadiene	370	U	370	110	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2,4,6-Trichlorophenol	370	U	370	66	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2,4,5-Trichlorophenol	370	U	370	71	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
1,1'-Biphenyl	370	U	370	61	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2-Chloronaphthalene	370	U	370	52	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2-Nitroaniline	750	U	750	100	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Dimethyl phthalate	370	U	370	50	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2,6-Dinitrotoluene	75	U	75	9.4	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Acenaphthylene	370	U	370	53	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
3-Nitroaniline	750	U	750	83	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Acenaphthene	370	U	370	52	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-113

Lab Sample ID: 460-32001-15

Date Collected: 09/29/11 14:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	1100	U	1100	78	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
4-Nitrophenol	1100	U	1100	95	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Dibenzofuran	370	U	370	55	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
2,4-Dinitrotoluene	75	U	75	11	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Diethyl phthalate	370	U	370	49	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Fluorene	370	U	370	62	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
4-Chlorophenyl phenyl ether	370	U	370	63	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
4-Nitroaniline	750	U	750	76	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
4,6-Dinitro-2-methylphenol	1100	U	1100	180	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
N-Nitrosodiphenylamine	370	U	370	60	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
4-Bromophenyl phenyl ether	370	U	370	66	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Hexachlorobenzene	37	U	37	5.1	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Atrazine	370	U	370	69	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Pentachlorophenol	1100	U	1100	180	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Phenanthrene	370	U	370	64	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Anthracene	370	U	370	65	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Carbazole	370	U	370	59	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Di-n-butyl phthalate	370	U	370	56	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Fluoranthene	370	U	370	61	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Pyrene	370	U	370	64	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Butyl benzyl phthalate	370	U	370	43	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
3,3'-Dichlorobenzidine	750	U	750	81	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Benzo[a]anthracene	37	U	37	6.8	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Chrysene	370	U	370	54	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Bis(2-ethylhexyl) phthalate	370	U	370	49	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Di-n-octyl phthalate	370	U	370	44	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Benzo[b]fluoranthene	37	U	37	5.5	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Benzo[k]fluoranthene	37	U	37	5.1	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Benzo[a]pyrene	37	U	37	4.5	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Indeno[1,2,3-cd]pyrene	37	U	37	5.9	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Dibenz(a,h)anthracene	37	U	37	4.4	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1
Benzo[g,h,i]perylene	370	U	370	39	ug/Kg	☼	10/08/11 16:15	10/13/11 13:56	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/08/11 16:15	10/13/11 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		10 - 120	10/08/11 16:15	10/13/11 13:56	1
2-Fluorobiphenyl	80		40 - 109	10/08/11 16:15	10/13/11 13:56	1
2-Fluorophenol (Surr)	72		37 - 125	10/08/11 16:15	10/13/11 13:56	1
Nitrobenzene-d5 (Surr)	79		38 - 105	10/08/11 16:15	10/13/11 13:56	1
Phenol-d5 (Surr)	72		41 - 118	10/08/11 16:15	10/13/11 13:56	1
Terphenyl-d14 (Surr)	85		16 - 151	10/08/11 16:15	10/13/11 13:56	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	7.4	U	7.4	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
beta-BHC	7.4	U	7.4	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
delta-BHC	7.4	U	7.4	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
gamma-BHC (Lindane)	7.4	U	7.4	0.87	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Heptachlor	7.4	U	7.4	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-113

Lab Sample ID: 460-32001-15

Date Collected: 09/29/11 14:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	7.4	U	7.4	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Heptachlor epoxide	7.4	U	7.4	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Endosulfan I	7.4	U	7.4	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Dieldrin	7.4	U	7.4	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
4,4'-DDE	7.4	U	7.4	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Endrin	7.4	U	7.4	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Endosulfan II	7.4	U	7.4	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
4,4'-DDD	7.4	U	7.4	0.89	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Endosulfan sulfate	7.4	U	7.4	0.95	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
4,4'-DDT	7.4	U	7.4	0.93	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Methoxychlor	7.4	U	7.4	0.83	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Endrin ketone	7.4	U	7.4	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Endrin aldehyde	7.4	U	7.4	1.9	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
alpha-Chlordane	7.4	U	7.4	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
gamma-Chlordane	7.4	U	7.4	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1
Toxaphene	74	U	74	16	ug/Kg	☼	10/07/11 03:03	10/12/11 07:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		53 - 150	10/07/11 03:03	10/12/11 07:44	1
DCB Decachlorobiphenyl	110		53 - 150	10/07/11 03:03	10/12/11 07:44	1
Tetrachloro-m-xylene	72		40 - 150	10/07/11 03:03	10/12/11 07:44	1
Tetrachloro-m-xylene	70		40 - 150	10/07/11 03:03	10/12/11 07:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	75	U	75	14	ug/Kg	☼	10/11/11 03:23	10/11/11 12:17	1
PCB-1221	75	U	75	22	ug/Kg	☼	10/11/11 03:23	10/11/11 12:17	1
PCB-1232	75	U	75	42	ug/Kg	☼	10/11/11 03:23	10/11/11 12:17	1
PCB-1242	75	U	75	14	ug/Kg	☼	10/11/11 03:23	10/11/11 12:17	1
PCB-1248	75	U	75	20	ug/Kg	☼	10/11/11 03:23	10/11/11 12:17	1
PCB-1254	75	U	75	25	ug/Kg	☼	10/11/11 03:23	10/11/11 12:17	1
PCB-1260	75	U	75	8.3	ug/Kg	☼	10/11/11 03:23	10/11/11 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		30 - 150	10/11/11 03:23	10/11/11 12:17	1
DCB Decachlorobiphenyl	86		30 - 150	10/11/11 03:23	10/11/11 12:17	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14600		41.2	15.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Antimony	2.1	U	2.1	0.91	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Arsenic	2.0		1.0	0.72	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Barium	147		41.2	1.2	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Beryllium	0.58		0.41	0.18	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Cadmium	1.0	U	1.0	0.16	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Calcium	1740		1030	27.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Chromium	46.1		2.1	1.2	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Cobalt	65.9		10.3	1.3	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Copper	16.7		5.1	0.84	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Iron	27900		30.9	10.9	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Lead	4.4		1.0	0.51	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4

Client Sample Results

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-113

Lab Sample ID: 460-32001-15

Date Collected: 09/29/11 14:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	3920		1030	10.9	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Manganese	1950		3.1	1.2	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Nickel	25.5		8.2	0.55	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Potassium	2520		1030	46.5	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Selenium	2.1	U	2.1	0.96	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Silver	0.22	J	2.1	0.16	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Sodium	90.7	J	1030	63.2	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Thallium	2.1	U	2.1	1.0	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Vanadium	61.5		10.3	0.54	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4
Zinc	32.0		6.2	1.0	mg/Kg	☼	10/08/11 18:54	10/09/11 03:57	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	U	0.036	0.024	mg/Kg	☼	10/11/11 17:45	10/11/11 20:55	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.1		1.0	1.0	%			10/05/11 21:31	1
Percent Solids	89.9		1.0	1.0	%			10/05/11 21:31	1

Lab Chronicle

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-099

Lab Sample ID: 460-32001-1

Date Collected: 09/29/11 09:50

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-100

Lab Sample ID: 460-32001-2

Date Collected: 09/29/11 09:59

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			88612	10/06/11 21:15	FJ	TAL EDI
Total/NA	Analysis	8260B		50	89310	10/12/11 18:14	AT	TAL EDI
Total/NA	Prep	3541			88819	10/08/11 16:15	JS	TAL EDI
Total/NA	Analysis	8270C		1	89646	10/13/11 16:26	AAA	TAL EDI
Total/NA	Prep	3541			88637	10/07/11 03:03	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89072	10/11/11 12:48	FM	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89110	10/11/11 11:45	SD	TAL EDI
Total/NA	Prep	7471A			88747	10/07/11 18:00	TS	TAL EDI
Total/NA	Analysis	7471A		1	88757	10/07/11 21:54	TS	TAL EDI
Total/NA	Prep	3050B			88818	10/08/11 18:54	TS	TAL EDI
Total/NA	Analysis	6010B		4	88831	10/09/11 04:08	VD	TAL EDI
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-101

Lab Sample ID: 460-32001-3

Date Collected: 09/29/11 10:15

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-102

Lab Sample ID: 460-32001-4

Date Collected: 09/29/11 10:20

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-103

Lab Sample ID: 460-32001-5

Date Collected: 09/29/11 10:25

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-104

Lab Sample ID: 460-32001-6

Date Collected: 09/29/11 10:45

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			88612	10/06/11 21:17	FJ	TAL EDI
Total/NA	Analysis	8260B		50	89310	10/12/11 18:39	AT	TAL EDI
Total/NA	Prep	3541			88819	10/08/11 16:15	JS	TAL EDI
Total/NA	Analysis	8270C		1	89646	10/13/11 20:12	AAA	TAL EDI
Total/NA	Prep	3541			88637	10/07/11 03:03	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89072	10/11/11 13:01	FM	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89110	10/11/11 12:01	SD	TAL EDI
Total/NA	Prep	7471A			88747	10/07/11 18:00	TS	TAL EDI
Total/NA	Analysis	7471A		1	88757	10/07/11 22:00	TS	TAL EDI
Total/NA	Prep	3050B			88818	10/08/11 18:54	TS	TAL EDI
Total/NA	Analysis	6010B		20	88878	10/10/11 00:08	VD	TAL EDI
Total/NA	Analysis	6010B		100	88971	10/10/11 12:08	VD	TAL EDI
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI
Total/NA	Prep	3060A			90225	10/20/11 12:00		TAL EDI
Total/NA	Analysis	7196A		1	90479	10/24/11 12:10	JC	TAL EDI
Total/NA	Prep	3060A			90627	10/25/11 08:00	IA	TAL EDI
Total/NA	Analysis	7196A		1	90698	10/25/11 15:51	RK	TAL EDI

Client Sample ID: SO-17338-092911-MM-105

Lab Sample ID: 460-32001-7

Date Collected: 09/29/11 10:55

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			88612	10/06/11 21:18	FJ	TAL EDI
Total/NA	Analysis	8260B		50	89310	10/12/11 19:04	AT	TAL EDI
Total/NA	Prep	3541			88819	10/08/11 16:15	JS	TAL EDI
Total/NA	Analysis	8270C		1	89646	10/13/11 17:41	AAA	TAL EDI
Total/NA	Prep	3541			88637	10/07/11 03:03	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89072	10/11/11 13:29	FM	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89110	10/11/11 10:10	SD	TAL EDI
Total/NA	Prep	3050B			88818	10/08/11 18:54	TS	TAL EDI
Total/NA	Analysis	6010B		4	88831	10/09/11 04:01	VD	TAL EDI
Total/NA	Prep	7471A			89128	10/11/11 17:45	TS	TAL EDI
Total/NA	Analysis	7471A		1	89139	10/11/11 20:29	TS	TAL EDI
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-106

Lab Sample ID: 460-32001-8

Date Collected: 09/29/11 11:45

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-107

Lab Sample ID: 460-32001-9

Date Collected: 09/29/11 12:00

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:27	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-108

Lab Sample ID: 460-32001-10

Date Collected: 09/29/11 12:20

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			88819	10/08/11 16:15	JS	TAL EDI
Total/NA	Analysis	8270C		1	89646	10/13/11 18:57	AAA	TAL EDI
Total/NA	Prep	7471A			88747	10/07/11 18:00	TS	TAL EDI
Total/NA	Analysis	7471A		1	88757	10/07/11 22:02	TS	TAL EDI
Total/NA	Prep	3050B			88818	10/08/11 18:54	TS	TAL EDI
Total/NA	Analysis	6010B		4	88831	10/09/11 03:42	VD	TAL EDI
Total/NA	Analysis	6010B		20	89042	10/11/11 04:00	VD	TAL EDI
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:31	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-109

Lab Sample ID: 460-32001-11

Date Collected: 09/29/11 12:25

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:31	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-110

Lab Sample ID: 460-32001-12

Date Collected: 09/29/11 13:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			88612	10/06/11 21:20	FJ	TAL EDI
Total/NA	Analysis	8260B		50	89343	10/13/11 08:12	AT	TAL EDI
Total/NA	Prep	3541			89215	10/12/11 12:00	CM	TAL EDI
Total/NA	Analysis	8270C		1	89644	10/13/11 04:49	MC	TAL EDI
Total/NA	Prep	3541			89299	10/13/11 03:19	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89324	10/13/11 10:05	FM	TAL EDI
Total/NA	Prep	3541			89296	10/13/11 03:00	ARA	TAL EDI
Total/NA	Analysis	8082		1	89405	10/13/11 09:51	SD	TAL EDI
Total/NA	Prep	3050B			88818	10/08/11 18:54	TS	TAL EDI
Total/NA	Analysis	6010B		4	88831	10/09/11 03:45	VD	TAL EDI
Total/NA	Analysis	6010B		10	89042	10/11/11 04:04	VD	TAL EDI
Total/NA	Prep	7471A			89128	10/11/11 17:45	TS	TAL EDI
Total/NA	Analysis	7471A		1	89139	10/11/11 20:52	TS	TAL EDI
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:31	CHA	TAL EDI
Total/NA	Prep	3060A			90225	10/20/11 12:00		TAL EDI
Total/NA	Analysis	7196A		1	90479	10/24/11 12:10	JC	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-32001-1

Client Sample ID: SO-17338-092911-MM-110

Lab Sample ID: 460-32001-12

Date Collected: 09/29/11 13:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			90627	10/25/11 08:00	IA	TAL EDI
Total/NA	Analysis	7196A		1	90698	10/25/11 15:51	RK	TAL EDI

Client Sample ID: SO-17338-092911-MM-111

Lab Sample ID: 460-32001-13

Date Collected: 09/29/11 13:15

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:31	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-112

Lab Sample ID: 460-32001-14

Date Collected: 09/29/11 14:00

Matrix: Solid

Date Received: 10/05/11 18:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:31	CHA	TAL EDI

Client Sample ID: SO-17338-092911-MM-113

Lab Sample ID: 460-32001-15

Date Collected: 09/29/11 14:05

Matrix: Solid

Date Received: 10/05/11 18:40

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			88612	10/06/11 21:21	FJ	TAL EDI
Total/NA	Analysis	8260B		50	89310	10/12/11 19:29	AT	TAL EDI
Total/NA	Prep	3541			88819	10/08/11 16:15	JS	TAL EDI
Total/NA	Analysis	8270C		1	89646	10/13/11 13:56	AAA	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89110	10/11/11 12:17	SD	TAL EDI
Total/NA	Prep	3541			88637	10/07/11 03:03	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89301	10/12/11 07:44	FM	TAL EDI
Total/NA	Prep	3050B			88818	10/08/11 18:54	TS	TAL EDI
Total/NA	Analysis	6010B		4	88831	10/09/11 03:57	VD	TAL EDI
Total/NA	Prep	7471A			89128	10/11/11 17:45	TS	TAL EDI
Total/NA	Analysis	7471A		1	89139	10/11/11 20:55	TS	TAL EDI
Total/NA	Analysis	Moisture		1	88371	10/05/11 21:31	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: 460-32001-1

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: 460-32001-1

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
7196A	Chromium, Hexavalent	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: 460-32001-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-32001-1	SO-17338-092911-MM-099	Solid	09/29/11 09:50	10/05/11 18:40
460-32001-2	SO-17338-092911-MM-100	Solid	09/29/11 09:59	10/05/11 18:40
460-32001-3	SO-17338-092911-MM-101	Solid	09/29/11 10:15	10/05/11 18:40
460-32001-4	SO-17338-092911-MM-102	Solid	09/29/11 10:20	10/05/11 18:40
460-32001-5	SO-17338-092911-MM-103	Solid	09/29/11 10:25	10/05/11 18:40
460-32001-6	SO-17338-092911-MM-104	Solid	09/29/11 10:45	10/05/11 18:40
460-32001-7	SO-17338-092911-MM-105	Solid	09/29/11 10:55	10/05/11 18:40
460-32001-8	SO-17338-092911-MM-106	Solid	09/29/11 11:45	10/05/11 18:40
460-32001-9	SO-17338-092911-MM-107	Solid	09/29/11 12:00	10/05/11 18:40
460-32001-10	SO-17338-092911-MM-108	Solid	09/29/11 12:20	10/05/11 18:40
460-32001-11	SO-17338-092911-MM-109	Solid	09/29/11 12:25	10/05/11 18:40
460-32001-12	SO-17338-092911-MM-110	Solid	09/29/11 13:05	10/05/11 18:40
460-32001-13	SO-17338-092911-MM-111	Solid	09/29/11 13:15	10/05/11 18:40
460-32001-14	SO-17338-092911-MM-112	Solid	09/29/11 14:00	10/05/11 18:40
460-32001-15	SO-17338-092911-MM-113	Solid	09/29/11 14:05	10/05/11 18:40

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page of

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

Name (for report and invoice) CHAS BARTON		Samplers Name (Printed) M. MYLETT, C. GARYBET		Site/Project Identification FORMER GUN	
Company CHAS BARTON		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: DUREC	
City BUFFALO	State NY	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)			
Phone 716-856-2142	Fax	VO BN+25 TCL PCB TAL METALS PESTICIDES			
Sample Identification	Date	Time	Matrix	No. of Cont.	LAB USE ONLY Job No: 32001 Project No:
SO-17338-092911-MM-099	9/29/11	9:50	SO	84	1
SO-17338-092911-MM-100	9/29/11	9:59	SO	84	2
SO-17338-092911-MM-101	9/29/11	10:15	SO	84	3
SO-17338-092911-MM-102	9/29/11	10:20	SO	3	4
SO-17338-092911-MM-103	9/29/11	10:25	SO	34	5
SO-17338-092911-MM-104	9/29/11	10:45	SO	34	6
SO-17338-092911-MM-105	9/29/11	10:55	SO	8	7
SO-17338-092911-MM-106	9/29/11	11:45	SO	34	8
SO-17338-092911-MM-107	9/29/11	12:00	SO	3	9
SO-17338-092911-MM-108	9/29/11	12:00	SO	3	10

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH
6 = Other , 7 = Other

Water: Soil:

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by M. MYLETT	Company CBA	Date / Time 9/29/11 15:30	Received by CHAS BARTON	Company CHAS BARTON
Relinquished by CHAS BARTON	Company CHAS BARTON	Date / Time 10/3/11 11:19	Received by CHAS BARTON	Company CHAS BARTON
Relinquished by CHAS BARTON	Company CHAS BARTON	Date / Time 10/3/11 17:00	Received by CHAS BARTON	Company CHAS BARTON
Relinquished by CHAS BARTON	Company CHAS BARTON	Date / Time 10/3/11	Received by CHAS BARTON	Company CHAS BARTON

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page ____ of ____

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

Name (for report and invoice) CHAS BARTON		Samplers Name (Printed) M. MYLET C. GRAYBEC		Site/Project Identification PARMER GWA	
Company CONESTOGA-ROSES ASSOCIATES		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 ☐		LAB USE ONLY Project No:	
City BUFFALO	State NY			Job No: 32001	
Phone 716-856-2142	Fax			Sample Numbers	
Sample Identification	Date	Time	Matrix	No. of Cont.	
SO-17338-092911-MWA-109	9/29/11	1235	SO	3	11
SO-17338-092911-MWA-110	9/29/11	1305	SO	3	12
SO-17338-092911-MWA-111	9/29/11	1315	SO	3	13
SO-17338-092911-MWA-112	9/29/11	1400	SO	3	14
SO-17338-092911-MWA-113	9/29/11	1405	SO	3	15
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 [Signature]	Company CNA	Date / Time 9/29/11 5:30	Received by [Signature]	Company ONKIC-STEES
Relinquished by [Signature]	Company ONKIC-STEES	Date / Time 10/31/11 11:19	Received by [Signature]	Company ONKIC-STEES
Relinquished by [Signature]	Company ONKIC-STEES	Date / Time 10/31/11 17:00	Received by [Signature]	Company ONKIC-STEES
Relinquished by [Signature]	Company ONKIC-STEES	Date / Time 10/31/11	Received by [Signature]	Company ONKIC-STEES

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

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32001-1

Login Number: 32001

List Source: TestAmerica Edison

List Number: 1

Creator: McClain, Mark A

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	
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	2.7°, 0.8° 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	