

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-31736-1

Client Project/Site: GM Wilmington

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Sue Scrocchi



Authorized for release by:

11/18/2011 10:31:10 AM

Brian Tortorete

Project Manager II

brian.tortorete@testamericainc.com

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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: GM Wilmington

TestAmerica Job ID: 460-31736-1

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.
X	Surrogate is outside control limits

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
E	Result exceeded calibration range.

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.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

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.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
X	Surrogate is outside control limits

Metals

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

General Chemistry

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

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)

Definitions/Glossary

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

TestAmerica Job ID: 460-31736-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

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

TestAmerica Job ID: 460-31736-1

Job ID: 460-31736-1

Laboratory: TestAmerica Edison

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-31736-1

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

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

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

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

RECEIPT

The samples were received on 09/28/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.8 and 2.1°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 460-31736-1, 460-31736-16 through 460-31736-18, 460-31736-23, 460-31736-27 and 460-31736-28 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/06/2011, 10/07/2011 and 10/08/2011 and analyzed on 10/07/2011, 10/09/2011 and 10/10/2011.

The matrix duplicate %RPD for lead associated with batch 88466 was outside the control limits.

The matrix spike (MS) recoveries for copper, antimony, zinc in batch 88466 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

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 spike (MS) recovery for batch 88745 was outside control limits for Aluminum. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix duplicate %RPD for manganese associated with batch 88646 was outside the control limits.

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

The matrix spike (MS) recoveries for manganese, antimony in batch 88646 were outside control limits. The associated laboratory control

Case Narrative

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

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Laboratory: TestAmerica Edison (Continued)

sample (LCS) recovery met acceptance criteria.

The matrix spike (MS) recoveries for manganese in batch 88818 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Antimony, Iron, Lead and Zinc failed the recovery criteria low for the MS of sample 460-31717-11 in batch 460-88831. Aluminum, Calcium and Copper failed the recovery criteria high.

Manganese failed the recovery criteria low for the MS of sample 460-31736-16 in batch 460-88812. Aluminum and Iron failed the recovery criteria high.

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

Antimony and Iron failed the recovery criteria low for the MSD of sample 460-31736-18 in batch 460-88878. Aluminum and Manganese failed the recovery criteria high.

Aluminum and Iron failed the recovery criteria high for the MS of sample 460-31736-1 in batch 460-89072.

Refer to the QC report for details.

Lead exceeded the rpd limit for the duplicate of sample 460-31717-11. Manganese exceeded the rpd limit for the duplicate of sample 460-31736-18. Refer to the QC report for details.

Samples 460-31736-1(4X), 460-31736-16 through 460-31736-18(4X), 460-31736-23(4X), 460-31736-27(4X), 460-31736-27(50X), 460-31736-28(4X) and 460-31736-28(50X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-31736-1, 460-31736-16 through 460-31736-18, 460-31736-23, 460-31736-27 and 460-31736-28 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 10/04/2011, 10/06/2011 and 10/07/2011.

The matrix spike (MS) recoveries for mercury batch 88599 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Mercury failed the recovery criteria high for the MS of sample 460-31914-7 in batch 460-88757.

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 460-31736-1, 460-31736-2, 460-31736-16 through 460-31736-18, 460-31736-23, 460-31736-27 and 460-31736-28 were

Case Narrative

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Laboratory: TestAmerica Edison (Continued)

analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 10/04/2011 and 10/07/2011 and analyzed on 10/06/2011 and 10/12/2011.

DCB surrogate recovery for the following sample(s) was outside control limits: SO-17338-092711-MM-085 (460-31736-27), SO-17338-092711-MM-086 (460-31736-28). This sample did not contain any target analytes and evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 460-31736-27. DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 460-31736-28. DCB Decachlorobiphenyl, Tetrachloro-m-xylene and Tetrachloro-m-xylene failed the surrogate recovery criteria low for 460-32001-A-7-B DU. Refer to the QC report for details.

Endrin aldehyde and Endrin ketone failed the recovery criteria low for the MS of sample 460-32001-7 in batch 460-89646.

Refer to the QC report for details.

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-31736-1, 460-31736-2, 460-31736-12 through 460-31736-18, 460-31736-23, 460-31736-27 and 460-31736-28 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 10/04/2011 and 10/11/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 460-31736-27. DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 460-31736-28. 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 460-31736-1, 460-31736-2, 460-31736-12 through 460-31736-18, 460-31736-23, 460-31736-27 and 460-31736-28 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/29/2011 and analyzed on 10/06/2011, 10/07/2011 and 10/10/2011.

The following sample was diluted due to the abundance of non-target and target analytes: SO-17338-092711-MM-086 (460-31736-28). Elevated reporting limits (RLs) are provided.

Surrogate recovery for the following sample was outside control limits: SO-17338-092711-MM-086 (460-31736-28). Evidence of matrix interference is present; sample was confirmed in the same batch.

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

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

The matrix spike / matrix spike duplicate (MS/MSD) recoveries of several analytes were outside control limits in batch 88998. Toluene, Ethylbenzene, Methylcyclohexane, and total Xylenes were present in the sample at high concentrations relative to the spike amounts. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Bromomethane and Chloroethane failed the recovery criteria low for the MSD of sample 460-31736-18 in batch 460-88998.

Case Narrative

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Laboratory: TestAmerica Edison (Continued)

Chloroethane failed the recovery criteria low for the MS of sample 460-31736-27 in batch 460-88998. Several analytes failed the recovery criteria high.

For the MSD of sample 460-31736-27 in batch 460-88621, Carbon disulfide and Xylenes, Total failed the recovery criteria low. 1,1,2-Trichloroethane, 1,2-Dibromo-3-Chloropropane and 2-Hexanone failed the recovery criteria high. Also, Chloroethane exceeded the rpd limit.

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 460-31736-1, 460-31736-2, 460-31736-12 through 460-31736-18, 460-31736-23, 460-31736-27 and 460-31736-28 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/04/2011 and 10/08/2011 and analyzed on 10/08/2011 and 10/13/2011.

Some analytes were outside acceptance limits in the capping continuing calibration verification (CCV) associated with batch 88922. 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 88920. 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 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.

2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl, 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for 460-31736-27. 2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl, 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for 460-31736-28. Refer to the QC report for details.

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 460-88682.

Refer to the QC report for details.

Samples 460-31736-17(2X), 460-31736-27(20X) and 460-31736-28(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-31736-1 through 460-31736-28 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The

Case Narrative

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

TestAmerica Job ID: 460-31736-1

Job ID: 460-31736-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

samples were analyzed on 09/29/2011, 09/30/2011, 10/05/2011, 10/11/2011 and 10/12/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

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Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: FB-17338-092611-MM-059

Lab Sample ID: 460-31736-1

Date Collected: 09/26/11 08:15

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 100.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	130	U	130	37	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Chloromethane	130	U	130	27	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Vinyl chloride	130	U	130	16	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Bromomethane	130	U	130	41	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Chloroethane	130	U	130	58	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Trichlorofluoromethane	130	U	130	20	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,1-Dichloroethene	130	U	130	18	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,1,2-Trichloro-1,2,2-trifluoroethane	130	U	130	37	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Acetone	1300	U	1300	320	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Carbon disulfide	130	U	130	19	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Methyl acetate	260	U	260	43	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Methylene Chloride	130	U	130	25	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
trans-1,2-Dichloroethene	130	U	130	18	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Methyl tert-butyl ether	130	U	130	24	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,1-Dichloroethane	130	U	130	13	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
cis-1,2-Dichloroethene	130	U	130	25	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
2-Butanone (MEK)	1300	U	1300	110	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Chloroform	130	U	130	20	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,1,1-Trichloroethane	130	U	130	32	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Cyclohexane	130	U	130	16	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Carbon tetrachloride	130	U	130	23	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Benzene	130	U	130	15	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,2-Dichloroethane	130	U	130	32	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Trichloroethene	130	U	130	23	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Methylcyclohexane	130	U	130	10	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,2-Dichloropropane	130	U	130	11	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Dichlorobromomethane	130	U	130	12	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
cis-1,3-Dichloropropene	130	U	130	13	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
4-Methyl-2-pentanone (MIBK)	1300	U	1300	88	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Toluene	130	U	130	12	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
trans-1,3-Dichloropropene	130	U	130	16	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,1,2-Trichloroethane	130	U	130	13	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Tetrachloroethene	130	U	130	25	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
2-Hexanone	1300	U	1300	71	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Chlorodibromomethane	130	U	130	13	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,2-Dibromoethane	130	U	130	12	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Chlorobenzene	130	U	130	21	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Ethylbenzene	130	U	130	32	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Xylenes, Total	390	U	390	56	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Styrene	130	U	130	18	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Bromoform	130	U	130	13	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
Isopropylbenzene	130	U	130	27	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,1,2,2-Tetrachloroethane	130	U	130	11	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,3-Dichlorobenzene	130	U	130	29	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,4-Dichlorobenzene	130	U	130	20	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,2-Dichlorobenzene	130	U	130	21	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,2-Dibromo-3-Chloropropane	130	U	130	20	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50
1,2,4-Trichlorobenzene	130	U	130	56	ug/Kg	☼	09/29/11 17:09	10/06/11 22:38	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: FB-17338-092611-MM-059

Lab Sample ID: 460-31736-1

Date Collected: 09/26/11 08:15

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 100.0

<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>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/Kg</i>	<i>☆</i>			<i>09/29/11 17:09</i>	<i>10/06/11 22:38</i>	<i>50</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>107</i>		<i>57 - 135</i>				<i>09/29/11 17:09</i>	<i>10/06/11 22:38</i>	<i>50</i>
<i>4-Bromofluorobenzene</i>	<i>106</i>		<i>50 - 124</i>				<i>09/29/11 17:09</i>	<i>10/06/11 22:38</i>	<i>50</i>
<i>Toluene-d8 (Surr)</i>	<i>104</i>		<i>46 - 130</i>				<i>09/29/11 17:09</i>	<i>10/06/11 22:38</i>	<i>50</i>

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	330	U	330	21	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Phenol	330	U	330	40	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Bis(2-chloroethyl)ether	33	U	33	6.9	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2-Chlorophenol	330	U	330	44	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2-Methylphenol	330	U	330	48	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2,2'-oxybis[1-chloropropane]	330	U	330	43	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Acetophenone	330	U	330	49	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
4-Methylphenol	330	U	330	54	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
N-Nitrosodi-n-propylamine	33	U	33	4.4	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Hexachloroethane	33	U	33	5.6	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Nitrobenzene	33	U	33	7.4	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Isophorone	330	U	330	38	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2-Nitrophenol	330	U	330	54	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2,4-Dimethylphenol	330	U	330	53	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Bis(2-chloroethoxy)methane	330	U	330	47	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2,4-Dichlorophenol	330	U	330	53	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Naphthalene	330	U	330	48	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
4-Chloroaniline	330	U	330	42	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Hexachlorobutadiene	67	U	67	13	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Caprolactam	330	U	330	45	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
4-Chloro-3-methylphenol	330	U	330	55	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2-Methylnaphthalene	330	U	330	48	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Hexachlorocyclopentadiene	330	U	330	97	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2,4,6-Trichlorophenol	330	U	330	59	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2,4,5-Trichlorophenol	330	U	330	64	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
1,1'-Biphenyl	330	U	330	54	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2-Chloronaphthalene	330	U	330	47	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2-Nitroaniline	670	U	670	90	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Dimethyl phthalate	330	U	330	45	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2,6-Dinitrotoluene	67	U	67	8.4	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Acenaphthylene	330	U	330	47	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
3-Nitroaniline	670	U	670	75	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Acenaphthene	330	U	330	47	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2,4-Dinitrophenol	1000	U	1000	70	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
4-Nitrophenol	1000	U	1000	85	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Dibenzofuran	330	U	330	50	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
2,4-Dinitrotoluene	67	U	67	9.6	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Diethyl phthalate	330	U	330	44	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
Fluorene	330	U	330	56	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
4-Chlorophenyl phenyl ether	330	U	330	57	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
4-Nitroaniline	670	U	670	68	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1
4,6-Dinitro-2-methylphenol	1000	U	1000	160	ug/Kg	☆	10/08/11 16:15	10/13/11 14:21	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: FB-17338-092611-MM-059

Lab Sample ID: 460-31736-1

Date Collected: 09/26/11 08:15

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 100.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	330	U	330	54	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
4-Bromophenyl phenyl ether	330	U	330	59	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Hexachlorobenzene	33	U	33	4.6	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Atrazine	330	U	330	62	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Pentachlorophenol	1000	U	1000	160	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Phenanthrene	330	U	330	58	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Anthracene	330	U	330	58	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Carbazole	330	U	330	53	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Di-n-butyl phthalate	220	J	330	51	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Fluoranthene	330	U	330	55	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Pyrene	330	U	330	57	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Butyl benzyl phthalate	330	U	330	39	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
3,3'-Dichlorobenzidine	670	U	670	73	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Benzo[a]anthracene	33	U	33	6.1	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Chrysene	330	U	330	48	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Bis(2-ethylhexyl) phthalate	330	U	330	44	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Di-n-octyl phthalate	330	U	330	39	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Benzo[b]fluoranthene	33	U	33	4.9	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Benzo[k]fluoranthene	33	U	33	4.6	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Benzo[a]pyrene	33	U	33	4.1	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Indeno[1,2,3-cd]pyrene	33	U	33	5.3	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Dibenz[a,h]anthracene	33	U	33	4.0	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	1
Benzo[g,h,i]perylene	330	U	330	35	ug/Kg	☼	10/08/11 16:15	10/13/11 14:21	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 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		10 - 120	10/08/11 16:15	10/13/11 14:21	1
2-Fluorobiphenyl	78		40 - 109	10/08/11 16:15	10/13/11 14:21	1
2-Fluorophenol (Surr)	72		37 - 125	10/08/11 16:15	10/13/11 14:21	1
Nitrobenzene-d5 (Surr)	81		38 - 105	10/08/11 16:15	10/13/11 14:21	1
Phenol-d5 (Surr)	70		41 - 118	10/08/11 16:15	10/13/11 14:21	1
Terphenyl-d14 (Surr)	79		16 - 151	10/08/11 16:15	10/13/11 14:21	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	6.7	U	6.7	1.2	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
beta-BHC	6.7	U	6.7	0.91	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
delta-BHC	6.7	U	6.7	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
gamma-BHC (Lindane)	6.7	U	6.7	0.78	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Heptachlor	6.7	U	6.7	0.96	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Aldrin	6.7	U	6.7	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Heptachlor epoxide	6.7	U	6.7	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Endosulfan I	6.7	U	6.7	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Dieldrin	6.7	U	6.7	1.3	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
4,4'-DDE	6.7	U	6.7	1.3	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Endrin	6.7	U	6.7	0.94	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Endosulfan II	6.7	U	6.7	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
4,4'-DDD	6.7	U	6.7	0.80	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Endosulfan sulfate	6.7	U	6.7	0.86	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: FB-17338-092611-MM-059

Lab Sample ID: 460-31736-1

Date Collected: 09/26/11 08:15

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 100.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	6.7	U	6.7	0.84	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Methoxychlor	6.7	U	6.7	0.75	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Endrin ketone	6.7	U	6.7	0.99	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Endrin aldehyde	6.7	U	6.7	1.7	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
alpha-Chlordane	6.7	U	6.7	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
gamma-Chlordane	6.7	U	6.7	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1
Toxaphene	67	U	67	14	ug/Kg	☼	10/07/11 03:03	10/12/11 07:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	139		53 - 150	10/07/11 03:03	10/12/11 07:57	1
DCB Decachlorobiphenyl	116		53 - 150	10/07/11 03:03	10/12/11 07:57	1
Tetrachloro-m-xylene	89		40 - 150	10/07/11 03:03	10/12/11 07:57	1
Tetrachloro-m-xylene	91		40 - 150	10/07/11 03:03	10/12/11 07:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	67	U H	67	13	ug/Kg	☼	10/11/11 03:23	10/11/11 16:49	1
PCB-1221	67	U H	67	20	ug/Kg	☼	10/11/11 03:23	10/11/11 16:49	1
PCB-1232	67	U H	67	38	ug/Kg	☼	10/11/11 03:23	10/11/11 16:49	1
PCB-1242	67	U H	67	13	ug/Kg	☼	10/11/11 03:23	10/11/11 16:49	1
PCB-1248	67	U H	67	18	ug/Kg	☼	10/11/11 03:23	10/11/11 16:49	1
PCB-1254	67	U H	67	23	ug/Kg	☼	10/11/11 03:23	10/11/11 16:49	1
PCB-1260	67	U H	67	7.5	ug/Kg	☼	10/11/11 03:23	10/11/11 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		30 - 150	10/11/11 03:23	10/11/11 16:49	1
DCB Decachlorobiphenyl	112		30 - 150	10/11/11 03:23	10/11/11 16:49	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	175		38.8	14.2	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Antimony	0.88	J	1.9	0.85	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Arsenic	0.72	J	0.97	0.68	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Barium	38.8	U	38.8	1.2	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Beryllium	0.39	U	0.39	0.17	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Cadmium	0.97	U	0.97	0.15	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Calcium	33.8	J	971	25.5	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Chromium	2.1		1.9	1.2	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Cobalt	9.7	U	9.7	1.2	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Copper	4.9	U	4.9	0.79	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Iron	1410		29.1	10.3	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Lead	0.93	J	0.97	0.49	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Magnesium	16.2	J	971	10.3	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Manganese	1.3	J	2.9	1.1	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Nickel	7.8	U	7.8	0.52	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Potassium	971	U	971	43.8	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Selenium	1.9	U	1.9	0.91	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Silver	1.9	U	1.9	0.15	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Sodium	971	U	971	59.6	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Thallium	1.9	U	1.9	0.94	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4
Vanadium	1.6	J	9.7	0.50	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: FB-17338-092611-MM-059

Lab Sample ID: 460-31736-1

Date Collected: 09/26/11 08:15

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 100.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	5.8	U	5.8	0.95	mg/Kg	☼	10/07/11 18:06	10/10/11 00:35	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	U	0.033	0.022	mg/Kg	☼	10/06/11 17:45	10/06/11 22:05	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.0	U	1.0	1.0	%	—		09/29/11 23:45	1
Percent Solids	100		1.0	1.0	%			09/29/11 23:45	1

Client Sample ID: SO-17338-092611-MM-060

Lab Sample ID: 460-31736-2

Date Collected: 09/26/11 09:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	87	U	87	25	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Chloromethane	87	U	87	18	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Vinyl chloride	87	U	87	10	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Bromomethane	87	U	87	27	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Chloroethane	87	U	87	39	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Trichlorofluoromethane	87	U	87	14	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,1-Dichloroethene	87	U	87	12	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,1,2-Trichloro-1,2,2-trifluoroethane	87	U	87	25	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Acetone	870	U	870	220	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Carbon disulfide	87	U	87	13	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Methyl acetate	170	U	170	29	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Methylene Chloride	87	U	87	17	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
trans-1,2-Dichloroethene	87	U	87	12	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Methyl tert-butyl ether	87	U	87	16	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,1-Dichloroethane	87	U	87	8.7	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
cis-1,2-Dichloroethene	87	U	87	17	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
2-Butanone (MEK)	870	U	870	71	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Chloroform	87	U	87	13	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,1,1-Trichloroethane	87	U	87	21	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Cyclohexane	87	U	87	11	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Carbon tetrachloride	87	U	87	16	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Benzene	87	U	87	10	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,2-Dichloroethane	87	U	87	21	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Trichloroethene	87	U	87	15	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Methylcyclohexane	87	U	87	7.0	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,2-Dichloropropane	87	U	87	7.6	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Dichlorobromomethane	87	U	87	7.8	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
cis-1,3-Dichloropropene	87	U	87	8.9	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
4-Methyl-2-pentanone (MIBK)	870	U	870	59	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Toluene	87	U	87	8.2	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
trans-1,3-Dichloropropene	87	U	87	11	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,1,2-Trichloroethane	87	U	87	8.5	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Tetrachloroethene	87	U	87	17	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-060

Lab Sample ID: 460-31736-2

Date Collected: 09/26/11 09:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	870	U	870	47	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Chlorodibromomethane	87	U	87	8.7	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,2-Dibromoethane	87	U	87	7.9	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Chlorobenzene	87	U	87	14	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Ethylbenzene	87	U	87	21	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Xylenes, Total	260	U	260	38	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Styrene	87	U	87	12	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Bromoform	87	U	87	8.6	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
Isopropylbenzene	87	U	87	18	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,1,2,2-Tetrachloroethane	87	U	87	7.5	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,3-Dichlorobenzene	87	U	87	20	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,4-Dichlorobenzene	87	U	87	13	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,2-Dichlorobenzene	87	U	87	14	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,2-Dibromo-3-Chloropropane	87	U	87	13	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50
1,2,4-Trichlorobenzene	87	U	87	38	ug/Kg	☼	09/29/11 17:09	10/06/11 23:03	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/29/11 17:09	10/06/11 23:03	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		57 - 135	09/29/11 17:09	10/06/11 23:03	50
4-Bromofluorobenzene	97		50 - 124	09/29/11 17:09	10/06/11 23:03	50
Toluene-d8 (Surr)	93		46 - 130	09/29/11 17:09	10/06/11 23:03	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	350	U	350	22	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Phenol	350	U	350	43	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Bis(2-chloroethyl)ether	35	U	35	7.4	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2-Chlorophenol	350	U	350	47	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2-Methylphenol	350	U	350	51	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2,2'-oxybis[1-chloropropane]	350	U	350	47	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Acetophenone	350	U	350	53	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
4-Methylphenol	350	U	350	58	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
N-Nitrosodi-n-propylamine	35	U	35	4.7	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Hexachloroethane	35	U	35	6.0	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Nitrobenzene	35	U	35	7.9	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Isophorone	350	U	350	41	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2-Nitrophenol	350	U	350	58	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2,4-Dimethylphenol	350	U	350	57	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Bis(2-chloroethoxy)methane	350	U	350	51	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2,4-Dichlorophenol	350	U	350	57	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Naphthalene	350	U	350	52	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
4-Chloroaniline	350	U	350	45	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Hexachlorobutadiene	72	U	72	14	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Caprolactam	350	U	350	49	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
4-Chloro-3-methylphenol	350	U	350	60	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2-Methylnaphthalene	350	U	350	52	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Hexachlorocyclopentadiene	350	U	350	100	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2,4,6-Trichlorophenol	350	U	350	64	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2,4,5-Trichlorophenol	350	U	350	68	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-060

Lab Sample ID: 460-31736-2

Date Collected: 09/26/11 09:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	350	U	350	59	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2-Chloronaphthalene	350	U	350	50	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2-Nitroaniline	720	U	720	97	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Dimethyl phthalate	350	U	350	48	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2,6-Dinitrotoluene	72	U	72	9.0	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Acenaphthylene	350	U	350	51	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
3-Nitroaniline	720	U	720	80	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Acenaphthene	350	U	350	51	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2,4-Dinitrophenol	1100	U	1100	75	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
4-Nitrophenol	1100	U	1100	91	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Dibenzofuran	350	U	350	53	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
2,4-Dinitrotoluene	72	U	72	10	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Diethyl phthalate	350	U	350	48	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Fluorene	350	U	350	60	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
4-Chlorophenyl phenyl ether	350	U	350	61	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
4-Nitroaniline	720	U	720	73	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
4,6-Dinitro-2-methylphenol	1100	U	1100	170	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
N-Nitrosodiphenylamine	350	U	350	58	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
4-Bromophenyl phenyl ether	350	U	350	63	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Hexachlorobenzene	35	U	35	4.9	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Atrazine	350	U	350	66	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Pentachlorophenol	1100	U	1100	170	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Phenanthrene	350	U	350	62	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Anthracene	350	U	350	63	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Carbazole	350	U	350	56	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Di-n-butyl phthalate	350	U	350	54	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Fluoranthene	350	U	350	59	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Pyrene	350	U	350	61	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Butyl benzyl phthalate	350	U	350	41	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
3,3'-Dichlorobenzidine	720	U	720	79	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Benzo[a]anthracene	35	U	35	6.6	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Chrysene	350	U	350	52	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Bis(2-ethylhexyl) phthalate	350	U	350	47	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Di-n-octyl phthalate	350	U	350	42	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Benzo[b]fluoranthene	35	U	35	5.3	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Benzo[k]fluoranthene	35	U	35	5.0	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Benzo[a]pyrene	35	U	35	4.4	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Indeno[1,2,3-cd]pyrene	35	U	35	5.7	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Dibenz(a,h)anthracene	35	U	35	4.3	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	1
Benzo[g,h,i]perylene	350	U	350	37	ug/Kg	☼	10/08/11 16:15	10/13/11 14:46	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 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		10 - 120	10/08/11 16:15	10/13/11 14:46	1
2-Fluorobiphenyl	76		40 - 109	10/08/11 16:15	10/13/11 14:46	1
2-Fluorophenol (Surr)	71		37 - 125	10/08/11 16:15	10/13/11 14:46	1
Nitrobenzene-d5 (Surr)	76		38 - 105	10/08/11 16:15	10/13/11 14:46	1
Phenol-d5 (Surr)	72		41 - 118	10/08/11 16:15	10/13/11 14:46	1
Terphenyl-d14 (Surr)	87		16 - 151	10/08/11 16:15	10/13/11 14:46	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-060

Lab Sample ID: 460-31736-2

Date Collected: 09/26/11 09:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 93.1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	7.2	U	7.2	1.3	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
beta-BHC	7.2	U	7.2	0.97	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
delta-BHC	7.2	U	7.2	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
gamma-BHC (Lindane)	7.2	U	7.2	0.84	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Heptachlor	7.2	U	7.2	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Aldrin	7.2	U	7.2	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Heptachlor epoxide	7.2	U	7.2	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Endosulfan I	7.2	U	7.2	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Dieldrin	7.2	U	7.2	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
4,4'-DDE	7.2	U	7.2	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Endrin	7.2	U	7.2	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Endosulfan II	7.2	U	7.2	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
4,4'-DDD	7.2	U	7.2	0.86	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Endosulfan sulfate	7.2	U	7.2	0.92	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
4,4'-DDT	5.9	J	7.2	0.90	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Methoxychlor	7.2	U	7.2	0.80	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Endrin ketone	7.2	U	7.2	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Endrin aldehyde	7.2	U	7.2	1.8	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
alpha-Chlordane	7.2	U	7.2	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
gamma-Chlordane	7.2	U	7.2	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1
Toxaphene	72	U	72	15	ug/Kg	☼	10/07/11 03:03	10/12/11 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	137		53 - 150	10/07/11 03:03	10/12/11 08:11	1
DCB Decachlorobiphenyl	108		53 - 150	10/07/11 03:03	10/12/11 08:11	1
Tetrachloro-m-xylene	86		40 - 150	10/07/11 03:03	10/12/11 08:11	1
Tetrachloro-m-xylene	86		40 - 150	10/07/11 03:03	10/12/11 08:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	72	U H	72	14	ug/Kg	☼	10/11/11 03:23	10/11/11 17:05	1
PCB-1221	72	U H	72	22	ug/Kg	☼	10/11/11 03:23	10/11/11 17:05	1
PCB-1232	72	U H	72	41	ug/Kg	☼	10/11/11 03:23	10/11/11 17:05	1
PCB-1242	72	U H	72	14	ug/Kg	☼	10/11/11 03:23	10/11/11 17:05	1
PCB-1248	72	U H	72	19	ug/Kg	☼	10/11/11 03:23	10/11/11 17:05	1
PCB-1254	72	U H	72	25	ug/Kg	☼	10/11/11 03:23	10/11/11 17:05	1
PCB-1260	72	U H	72	8.0	ug/Kg	☼	10/11/11 03:23	10/11/11 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		30 - 150	10/11/11 03:23	10/11/11 17:05	1
DCB Decachlorobiphenyl	89		30 - 150	10/11/11 03:23	10/11/11 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.9		1.0	1.0	%			10/11/11 13:33	1
Percent Solids	93.1		1.0	1.0	%			10/11/11 13:33	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-061

Lab Sample ID: 460-31736-3

Date Collected: 09/26/11 10:05

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11.4		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	88.6		1.0	1.0	%			10/12/11 15:45	1

Client Sample ID: SO-17338-092611-MM-062

Lab Sample ID: 460-31736-4

Date Collected: 09/26/11 10:45

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15.1		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	84.9		1.0	1.0	%			10/12/11 15:45	1

Client Sample ID: SO-17338-092611-MM-063

Lab Sample ID: 460-31736-5

Date Collected: 09/26/11 11:01

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15.3		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	84.7		1.0	1.0	%			10/12/11 15:45	1

Client Sample ID: SO-17338-092611-MM-064

Lab Sample ID: 460-31736-6

Date Collected: 09/26/11 11:10

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17.9		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	82.1		1.0	1.0	%			10/12/11 15:45	1

Client Sample ID: SO-17338-092611-MM-065

Lab Sample ID: 460-31736-7

Date Collected: 09/26/11 11:20

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20.9		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	79.1		1.0	1.0	%			10/12/11 15:45	1

Client Sample ID: SO-17338-092611-MM-066

Lab Sample ID: 460-31736-8

Date Collected: 09/26/11 11:54

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.4		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	96.6		1.0	1.0	%			10/12/11 15:45	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-067

Lab Sample ID: 460-31736-9

Date Collected: 09/26/11 11:45

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.2		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	95.8		1.0	1.0	%			10/12/11 15:45	1

Client Sample ID: SO-17338-092611-MM-068

Lab Sample ID: 460-31736-10

Date Collected: 09/26/11 12:25

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.7		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	90.3		1.0	1.0	%			10/12/11 15:45	1

Client Sample ID: SO-17338-092611-MM-069

Lab Sample ID: 460-31736-11

Date Collected: 09/26/11 12:52

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.7		1.0	1.0	%			10/12/11 15:45	1
Percent Solids	85.3		1.0	1.0	%			10/12/11 15:45	1

Client Sample ID: SO-17338-092611-MM-070

Lab Sample ID: 460-31736-12

Date Collected: 09/26/11 13:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	86	U	86	24	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Chloromethane	86	U	86	18	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Vinyl chloride	86	U	86	10	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Bromomethane	86	U	86	27	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Chloroethane	86	U	86	38	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Trichlorofluoromethane	86	U	86	13	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,1-Dichloroethene	86	U	86	12	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,1,2-Trichloro-1,2,2-trifluoroethane	86	U	86	25	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Acetone	860	U	860	210	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Carbon disulfide	86	U	86	12	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Methyl acetate	170	U	170	28	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Methylene Chloride	86	U	86	16	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
trans-1,2-Dichloroethene	86	U	86	12	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Methyl tert-butyl ether	86	U	86	16	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,1-Dichloroethane	86	U	86	8.5	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
cis-1,2-Dichloroethene	86	U	86	17	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
2-Butanone (MEK)	860	U	860	70	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Chloroform	86	U	86	13	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,1,1-Trichloroethane	86	U	86	21	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Cyclohexane	86	U	86	11	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Carbon tetrachloride	86	U	86	15	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-070

Lab Sample ID: 460-31736-12

Date Collected: 09/26/11 13:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	86	U	86	10	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,2-Dichloroethane	86	U	86	21	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Trichloroethene	86	U	86	15	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Methylcyclohexane	86	U	86	6.9	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,2-Dichloropropane	86	U	86	7.5	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Dichlorobromomethane	86	U	86	7.7	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
cis-1,3-Dichloropropene	86	U	86	8.7	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
4-Methyl-2-pentanone (MIBK)	860	U	860	58	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Toluene	86	U	86	8.1	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
trans-1,3-Dichloropropene	86	U	86	10	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,1,2-Trichloroethane	86	U	86	8.3	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Tetrachloroethene	86	U	86	17	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
2-Hexanone	860	U	860	47	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Chlorodibromomethane	86	U	86	8.6	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,2-Dibromoethane	86	U	86	7.8	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Chlorobenzene	86	U	86	14	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Ethylbenzene	86	U	86	21	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Xylenes, Total	260	U	260	37	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Styrene	86	U	86	12	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Bromoform	86	U	86	8.5	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
Isopropylbenzene	86	U	86	18	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,1,2,2-Tetrachloroethane	86	U	86	7.4	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,3-Dichlorobenzene	86	U	86	19	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,4-Dichlorobenzene	86	U	86	13	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,2-Dichlorobenzene	86	U	86	14	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,2-Dibromo-3-Chloropropane	86	U	86	13	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50
1,2,4-Trichlorobenzene	86	U	86	37	ug/Kg	☼	09/29/11 17:13	10/06/11 23:28	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/29/11 17:13	10/06/11 23:28	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		57 - 135	09/29/11 17:13	10/06/11 23:28	50
4-Bromofluorobenzene	101		50 - 124	09/29/11 17:13	10/06/11 23:28	50
Toluene-d8 (Surr)	101		46 - 130	09/29/11 17:13	10/06/11 23:28	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	360	U	360	22	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Phenol	360	U	360	44	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Bis(2-chloroethyl)ether	36	U	36	7.4	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2-Chlorophenol	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2-Methylphenol	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2,2'-oxybis[1-chloropropane]	360	U	360	47	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Acetophenone	360	U	360	53	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
4-Methylphenol	360	U	360	58	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
N-Nitrosodi-n-propylamine	36	U	36	4.7	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Hexachloroethane	36	U	36	6.0	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Nitrobenzene	36	U	36	8.0	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Isophorone	360	U	360	41	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2-Nitrophenol	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-070

Lab Sample ID: 460-31736-12

Date Collected: 09/26/11 13:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	360	U	360	57	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Bis(2-chloroethoxy)methane	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2,4-Dichlorophenol	360	U	360	57	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Naphthalene	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
4-Chloroaniline	360	U	360	45	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Hexachlorobutadiene	72	U	72	14	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Caprolactam	360	U	360	49	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
4-Chloro-3-methylphenol	360	U	360	60	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2-Methylnaphthalene	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Hexachlorocyclopentadiene	360	U	360	100	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2,4,6-Trichlorophenol	360	U	360	64	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2,4,5-Trichlorophenol	360	U	360	69	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
1,1'-Biphenyl	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2-Chloronaphthalene	360	U	360	50	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2-Nitroaniline	720	U	720	97	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Dimethyl phthalate	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2,6-Dinitrotoluene	72	U	72	9.1	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Acenaphthylene	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
3-Nitroaniline	720	U	720	81	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Acenaphthene	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2,4-Dinitrophenol	1100	U	1100	76	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
4-Nitrophenol	1100	U	1100	92	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Dibenzofuran	360	U	360	54	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
2,4-Dinitrotoluene	72	U	72	10	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Diethyl phthalate	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Fluorene	360	U	360	60	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
4-Chlorophenyl phenyl ether	360	U	360	61	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
4-Nitroaniline	720	U	720	74	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
4,6-Dinitro-2-methylphenol	1100	U	1100	170	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
N-Nitrosodiphenylamine	360	U	360	58	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
4-Bromophenyl phenyl ether	360	U	360	63	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Hexachlorobenzene	36	U	36	4.9	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Atrazine	360	U	360	66	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Pentachlorophenol	1100	U	1100	170	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Phenanthrene	360	U	360	62	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Anthracene	360	U	360	63	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Carbazole	360	U	360	57	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Di-n-butyl phthalate	360	U	360	54	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Fluoranthene	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Pyrene	360	U	360	62	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Butyl benzyl phthalate	360	U	360	42	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
3,3'-Dichlorobenzidine	720	U	720	79	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Benzo[a]anthracene	36	U	36	6.6	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Chrysene	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Bis(2-ethylhexyl) phthalate	360	U	360	47	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Di-n-octyl phthalate	360	U	360	42	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Benzo[b]fluoranthene	36	U	36	5.3	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Benzo[k]fluoranthene	36	U	36	5.0	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Benzo[a]pyrene	36	U	36	4.4	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1
Indeno[1,2,3-cd]pyrene	36	U	36	5.7	ug/Kg	☼	10/04/11 21:50	10/08/11 06:48	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-070

Lab Sample ID: 460-31736-12

Date Collected: 09/26/11 13:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	36	U	36	4.3	ug/Kg	☆	10/04/11 21:50	10/08/11 06:48	1
Benzo[g,h,i]perylene	360	U	360	38	ug/Kg	☆	10/04/11 21:50	10/08/11 06:48	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☆			10/04/11 21:50	10/08/11 06:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	29		10 - 120	10/04/11 21:50	10/08/11 06:48	1
2-Fluorobiphenyl	81		40 - 109	10/04/11 21:50	10/08/11 06:48	1
2-Fluorophenol (Surr)	71		37 - 125	10/04/11 21:50	10/08/11 06:48	1
Nitrobenzene-d5 (Surr)	77		38 - 105	10/04/11 21:50	10/08/11 06:48	1
Phenol-d5 (Surr)	71		41 - 118	10/04/11 21:50	10/08/11 06:48	1
Terphenyl-d14 (Surr)	98		16 - 151	10/04/11 21:50	10/08/11 06:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	72	U H	72	14	ug/Kg	☆	10/11/11 03:23	10/11/11 17:20	1
PCB-1221	72	U H	72	22	ug/Kg	☆	10/11/11 03:23	10/11/11 17:20	1
PCB-1232	72	U H	72	41	ug/Kg	☆	10/11/11 03:23	10/11/11 17:20	1
PCB-1242	72	U H	72	14	ug/Kg	☆	10/11/11 03:23	10/11/11 17:20	1
PCB-1248	72	U H	72	19	ug/Kg	☆	10/11/11 03:23	10/11/11 17:20	1
PCB-1254	72	U H	72	25	ug/Kg	☆	10/11/11 03:23	10/11/11 17:20	1
PCB-1260	72	U H	72	8.1	ug/Kg	☆	10/11/11 03:23	10/11/11 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		30 - 150	10/11/11 03:23	10/11/11 17:20	1
DCB Decachlorobiphenyl	98		30 - 150	10/11/11 03:23	10/11/11 17:20	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.2		1.0	1.0	%			10/05/11 13:03	1
Percent Solids	92.8		1.0	1.0	%			10/05/11 13:03	1

Client Sample ID: SO-17338-092611-MM-071

Lab Sample ID: 460-31736-13

Date Collected: 09/26/11 14:09

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	88	U	88	25	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Chloromethane	88	U	88	19	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Vinyl chloride	88	U	88	11	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Bromomethane	88	U	88	28	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Chloroethane	88	U	88	39	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Trichlorofluoromethane	88	U	88	14	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
1,1-Dichloroethene	88	U	88	12	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
1,1,2-Trichloro-1,2,2-trifluoroethane	88	U	88	25	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Acetone	880	U	880	220	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Carbon disulfide	88	U	88	13	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Methyl acetate	180	U	180	29	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50
Methylene Chloride	88	U	88	17	ug/Kg	☆	09/29/11 17:13	10/06/11 23:53	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-071

Lab Sample ID: 460-31736-13

Date Collected: 09/26/11 14:09

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	88	U	88	12	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Methyl tert-butyl ether	88	U	88	16	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,1-Dichloroethane	88	U	88	8.8	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
cis-1,2-Dichloroethene	88	U	88	17	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
2-Butanone (MEK)	880	U	880	72	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Chloroform	88	U	88	14	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,1,1-Trichloroethane	88	U	88	22	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Cyclohexane	760		88	11	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Carbon tetrachloride	88	U	88	16	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Benzene	33	J	88	10	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,2-Dichloroethane	88	U	88	22	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Trichloroethene	88	U	88	16	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Methylcyclohexane	770		88	7.1	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,2-Dichloropropane	88	U	88	7.7	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Dichlorobromomethane	88	U	88	7.9	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
cis-1,3-Dichloropropene	88	U	88	9.0	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
4-Methyl-2-pentanone (MIBK)	880	U	880	60	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Toluene	88	U	88	8.4	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
trans-1,3-Dichloropropene	88	U	88	11	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,1,2-Trichloroethane	88	U	88	8.6	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Tetrachloroethene	88	U	88	17	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
2-Hexanone	880	U	880	48	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Chlorodibromomethane	88	U	88	8.9	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,2-Dibromoethane	88	U	88	8.1	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Chlorobenzene	88	U	88	15	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Ethylbenzene	88	U	88	22	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Xylenes, Total	260	U	260	38	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Styrene	88	U	88	12	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Bromoform	88	U	88	8.7	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
Isopropylbenzene	88	U	88	19	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,1,1,2-Tetrachloroethane	88	U	88	7.6	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,3-Dichlorobenzene	88	U	88	20	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,4-Dichlorobenzene	88	U	88	13	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,2-Dichlorobenzene	88	U	88	14	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,2-Dibromo-3-Chloropropane	88	U	88	14	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50
1,2,4-Trichlorobenzene	88	U	88	38	ug/Kg	☼	09/29/11 17:13	10/06/11 23:53	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C6H14 Alkane	890	J	ug/Kg	☼	4.83		09/29/11 17:13	10/06/11 23:53	50
Hexane	830		ug/Kg	☼	5.44	110-54-3	09/29/11 17:13	10/06/11 23:53	50
C6H12 Cycloalkane	600	J	ug/Kg	☼	6.21		09/29/11 17:13	10/06/11 23:53	50
C7H16 Alkane	450	J	ug/Kg	☼	7.18		09/29/11 17:13	10/06/11 23:53	50
Unknown Alkane	650	J	ug/Kg	☼	15.61		09/29/11 17:13	10/06/11 23:53	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		57 - 135	09/29/11 17:13	10/06/11 23:53	50
4-Bromofluorobenzene	98		50 - 124	09/29/11 17:13	10/06/11 23:53	50
Toluene-d8 (Surr)	96		46 - 130	09/29/11 17:13	10/06/11 23:53	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-071

Lab Sample ID: 460-31736-13

Date Collected: 09/26/11 14:09

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	370	U	370	23	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Phenol	370	U	370	45	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Bis(2-chloroethyl)ether	37	U	37	7.7	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2-Chlorophenol	370	U	370	49	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2-Methylphenol	370	U	370	53	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2,2'-oxybis[1-chloropropane]	370	U	370	48	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Acetophenone	370	U	370	55	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
4-Methylphenol	370	U	370	60	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
N-Nitrosodi-n-propylamine	37	U	37	4.9	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Hexachloroethane	37	U	37	6.2	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Nitrobenzene	37	U	37	8.2	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Isophorone	370	U	370	42	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2-Nitrophenol	370	U	370	60	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2,4-Dimethylphenol	370	U	370	59	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Bis(2-chloroethoxy)methane	370	U	370	52	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2,4-Dichlorophenol	370	U	370	59	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Naphthalene	370	U	370	54	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
4-Chloroaniline	370	U	370	46	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Hexachlorobutadiene	74	U	74	15	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Caprolactam	370	U	370	50	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
4-Chloro-3-methylphenol	370	U	370	62	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2-Methylnaphthalene	150	J	370	54	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Hexachlorocyclopentadiene	370	U	370	110	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2,4,6-Trichlorophenol	370	U	370	66	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2,4,5-Trichlorophenol	370	U	370	71	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
1,1'-Biphenyl	370	U	370	61	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2-Chloronaphthalene	370	U	370	52	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2-Nitroaniline	740	U	740	100	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Dimethyl phthalate	370	U	370	50	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2,6-Dinitrotoluene	74	U	74	9.4	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Acenaphthylene	370	U	370	53	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
3-Nitroaniline	740	U	740	83	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Acenaphthene	370	U	370	52	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2,4-Dinitrophenol	1100	U	1100	78	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
4-Nitrophenol	1100	U	1100	95	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Dibenzofuran	370	U	370	55	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
2,4-Dinitrotoluene	74	U	74	11	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Diethyl phthalate	370	U	370	49	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Fluorene	370	U	370	62	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
4-Chlorophenyl phenyl ether	370	U	370	63	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
4-Nitroaniline	740	U	740	76	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
4,6-Dinitro-2-methylphenol	1100	U	1100	180	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
N-Nitrosodiphenylamine	370	U	370	60	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
4-Bromophenyl phenyl ether	370	U	370	65	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Hexachlorobenzene	37	U	37	5.1	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Atrazine	370	U	370	69	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Pentachlorophenol	1100	U	1100	180	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Phenanthrene	92	J	370	64	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Anthracene	370	U	370	65	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Carbazole	370	U	370	58	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-071

Lab Sample ID: 460-31736-13

Date Collected: 09/26/11 14:09

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	370	U	370	56	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Fluoranthene	370	U	370	61	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Pyrene	370	U	370	64	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Butyl benzyl phthalate	370	U	370	43	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
3,3'-Dichlorobenzidine	740	U	740	81	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Benzo[a]anthracene	37	U	37	6.8	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Chrysene	370	U	370	53	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Bis(2-ethylhexyl) phthalate	370	U	370	49	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Di-n-octyl phthalate	370	U	370	44	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Benzo[b]fluoranthene	14	J	37	5.5	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Benzo[k]fluoranthene	37	U	37	5.1	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Benzo[a]pyrene	37	U	37	4.5	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Indeno[1,2,3-cd]pyrene	37	U	37	5.9	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Dibenz[a,h]anthracene	37	U	37	4.4	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1
Benzo[g,h,i]perylene	370	U	370	39	ug/Kg	☼	10/04/11 21:50	10/08/11 22:08	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Phthalic anhydride	620	J N	ug/Kg	☼	5.98	85-44-9	10/04/11 21:50	10/08/11 22:08	1
Unknown Alkane-1	610	J	ug/Kg	☼	7.97		10/04/11 21:50	10/08/11 22:08	1
Unknown-1	400	J	ug/Kg	☼	9.74		10/04/11 21:50	10/08/11 22:08	1
Unknown-2	500	J	ug/Kg	☼	12.57		10/04/11 21:50	10/08/11 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	27		10 - 120	10/04/11 21:50	10/08/11 22:08	1
2-Fluorobiphenyl	74		40 - 109	10/04/11 21:50	10/08/11 22:08	1
2-Fluorophenol (Surr)	56		37 - 125	10/04/11 21:50	10/08/11 22:08	1
Nitrobenzene-d5 (Surr)	69		38 - 105	10/04/11 21:50	10/08/11 22:08	1
Phenol-d5 (Surr)	59		41 - 118	10/04/11 21:50	10/08/11 22:08	1
Terphenyl-d14 (Surr)	65		16 - 151	10/04/11 21:50	10/08/11 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	75	U H	75	14	ug/Kg	☼	10/11/11 03:23	10/11/11 17:36	1
PCB-1221	75	U H	75	23	ug/Kg	☼	10/11/11 03:23	10/11/11 17:36	1
PCB-1232	75	U H	75	42	ug/Kg	☼	10/11/11 03:23	10/11/11 17:36	1
PCB-1242	75	U H	75	14	ug/Kg	☼	10/11/11 03:23	10/11/11 17:36	1
PCB-1248	75	U H	75	20	ug/Kg	☼	10/11/11 03:23	10/11/11 17:36	1
PCB-1254	75	U H	75	26	ug/Kg	☼	10/11/11 03:23	10/11/11 17:36	1
PCB-1260	75	U H	75	8.3	ug/Kg	☼	10/11/11 03:23	10/11/11 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		30 - 150	10/11/11 03:23	10/11/11 17:36	1
DCB Decachlorobiphenyl	65		30 - 150	10/11/11 03:23	10/11/11 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.4		1.0	1.0	%			10/05/11 13:03	1
Percent Solids	89.6		1.0	1.0	%			10/05/11 13:03	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-072

Lab Sample ID: 460-31736-14

Date Collected: 09/26/11 14:20

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	85	U	85	24	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Chloromethane	85	U	85	18	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Vinyl chloride	85	U	85	10	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Bromomethane	85	U	85	27	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Chloroethane	85	U	85	38	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Trichlorofluoromethane	85	U	85	13	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,1-Dichloroethene	85	U	85	12	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,1,2-Trichloro-1,2,2-trifluoroethane	85	U	85	24	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Acetone	850	U	850	210	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Carbon disulfide	85	U	85	12	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Methyl acetate	170	U	170	28	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Methylene Chloride	85	U	85	16	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
trans-1,2-Dichloroethene	85	U	85	12	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Methyl tert-butyl ether	85	U	85	16	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,1-Dichloroethane	85	U	85	8.5	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
cis-1,2-Dichloroethene	85	U	85	16	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
2-Butanone (MEK)	850	U	850	69	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Chloroform	85	U	85	13	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,1,1-Trichloroethane	85	U	85	21	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Cyclohexane	500		85	10	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Carbon tetrachloride	85	U	85	15	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Benzene	85	U	85	10	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,2-Dichloroethane	85	U	85	21	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Trichloroethene	85	U	85	15	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Methylcyclohexane	550		85	6.8	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,2-Dichloropropane	85	U	85	7.4	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Dichlorobromomethane	85	U	85	7.6	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
cis-1,3-Dichloropropene	85	U	85	8.7	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
4-Methyl-2-pentanone (MIBK)	850	U	850	58	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Toluene	85	U	85	8.0	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
trans-1,3-Dichloropropene	85	U	85	10	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,1,2-Trichloroethane	85	U	85	8.2	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Tetrachloroethene	85	U	85	17	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
2-Hexanone	850	U	850	46	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Chlorodibromomethane	85	U	85	8.5	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,2-Dibromoethane	85	U	85	7.7	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Chlorobenzene	85	U	85	14	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Ethylbenzene	85	U	85	21	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Xylenes, Total	250	U	250	37	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Styrene	85	U	85	12	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Bromoform	85	U	85	8.4	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
Isopropylbenzene	85	U	85	18	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,1,2,2-Tetrachloroethane	85	U	85	7.3	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,3-Dichlorobenzene	85	U	85	19	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,4-Dichlorobenzene	85	U	85	13	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,2-Dichlorobenzene	85	U	85	14	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,2-Dibromo-3-Chloropropane	85	U	85	13	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50
1,2,4-Trichlorobenzene	85	U	85	37	ug/Kg	☼	09/29/11 17:13	10/07/11 05:06	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-072

Lab Sample ID: 460-31736-14

Date Collected: 09/26/11 14:20

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C6H14 Alkane	620	J	ug/Kg	☼	4.84	110-54-3	09/29/11 17:13	10/07/11 05:06	50
Hexane	560		ug/Kg	☼	5.44		09/29/11 17:13	10/07/11 05:06	50
C9H20 Alkane	610	J	ug/Kg	☼	10.93		09/29/11 17:13	10/07/11 05:06	50
C9H20 Alkane-1	1400	J	ug/Kg	☼	11.46		09/29/11 17:13	10/07/11 05:06	50
C9H20 Alkane-2	530	J	ug/Kg	☼	12.33		09/29/11 17:13	10/07/11 05:06	50
C10H22 Alkane	1600	J	ug/Kg	☼	12.80		09/29/11 17:13	10/07/11 05:06	50
C11H24 Alkane	570	J	ug/Kg	☼	13.12		09/29/11 17:13	10/07/11 05:06	50
C10H20 Cycloalkane	470	J	ug/Kg	☼	13.52		09/29/11 17:13	10/07/11 05:06	50
C11H24 Alkane-1	1100	J	ug/Kg	☼	14.06		09/29/11 17:13	10/07/11 05:06	50
C12H26 Alkane	550	J	ug/Kg	☼	15.61		09/29/11 17:13	10/07/11 05:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		57 - 135				09/29/11 17:13	10/07/11 05:06	50
4-Bromofluorobenzene	86		50 - 124				09/29/11 17:13	10/07/11 05:06	50
Toluene-d8 (Surr)	83		46 - 130				09/29/11 17:13	10/07/11 05:06	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	360	U	360	23	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Phenol	360	U	360	44	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Bis(2-chloroethyl)ether	36	U	36	7.5	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2-Chlorophenol	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2-Methylphenol	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2,2'-oxybis[1-chloropropane]	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Acetophenone	360	U	360	54	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
4-Methylphenol	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
N-Nitrosodi-n-propylamine	36	U	36	4.8	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Hexachloroethane	36	U	36	6.1	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Nitrobenzene	36	U	36	8.1	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Isophorone	360	U	360	42	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2-Nitrophenol	360	U	360	60	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2,4-Dimethylphenol	360	U	360	58	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Bis(2-chloroethoxy)methane	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2,4-Dichlorophenol	360	U	360	58	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Naphthalene	360	U	360	53	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
4-Chloroaniline	360	U	360	46	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Hexachlorobutadiene	73	U	73	15	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Caprolactam	360	U	360	50	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
4-Chloro-3-methylphenol	360	U	360	61	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2-Methylnaphthalene	360	U	360	53	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Hexachlorocyclopentadiene	360	U	360	110	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2,4,6-Trichlorophenol	360	U	360	65	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2,4,5-Trichlorophenol	360	U	360	70	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
1,1'-Biphenyl	360	U	360	60	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2-Chloronaphthalene	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2-Nitroaniline	730	U	730	99	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Dimethyl phthalate	360	U	360	49	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2,6-Dinitrotoluene	73	U	73	9.2	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Acenaphthylene	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
3-Nitroaniline	730	U	730	82	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Acenaphthene	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-072

Lab Sample ID: 460-31736-14

Date Collected: 09/26/11 14:20

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	1100	U	1100	77	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
4-Nitrophenol	1100	U	1100	93	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Dibenzofuran	360	U	360	54	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
2,4-Dinitrotoluene	73	U	73	11	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Diethyl phthalate	360	U	360	49	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Fluorene	360	U	360	61	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
4-Chlorophenyl phenyl ether	360	U	360	62	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
4-Nitroaniline	730	U	730	75	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
4,6-Dinitro-2-methylphenol	1100	U	1100	170	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
N-Nitrosodiphenylamine	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
4-Bromophenyl phenyl ether	360	U	360	65	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Hexachlorobenzene	36	U	36	5.0	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Atrazine	360	U	360	68	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Pentachlorophenol	1100	U	1100	180	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Phenanthrene	360	U	360	63	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Anthracene	360	U	360	64	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Carbazole	360	U	360	58	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Di-n-butyl phthalate	360	U	360	55	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Fluoranthene	360	U	360	60	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Pyrene	360	U	360	63	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Butyl benzyl phthalate	360	U	360	42	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
3,3'-Dichlorobenzidine	730	U	730	80	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Benzo[a]anthracene	36	U	36	6.7	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Chrysene	360	U	360	53	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Bis(2-ethylhexyl) phthalate	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Di-n-octyl phthalate	360	U	360	43	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Benzo[b]fluoranthene	36	U	36	5.4	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Benzo[k]fluoranthene	36	U	36	5.1	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Benzo[a]pyrene	36	U	36	4.5	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Indeno[1,2,3-cd]pyrene	36	U	36	5.8	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Dibenz(a,h)anthracene	36	U	36	4.4	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1
Benzo[g,h,i]perylene	360	U	360	38	ug/Kg	☼	10/04/11 21:50	10/08/11 09:47	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Alkane-1	510	J	ug/Kg	☼	6.48		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-2	420	J	ug/Kg	☼	6.80		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-3	610	J	ug/Kg	☼	7.01		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-4	710	J	ug/Kg	☼	7.51		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-5	730	J	ug/Kg	☼	7.73		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-6	810	J	ug/Kg	☼	7.97		10/04/11 21:50	10/08/11 09:47	1
Unknown-1	970	J	ug/Kg	☼	7.99		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-7	710	J	ug/Kg	☼	8.41		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-8	460	J	ug/Kg	☼	8.83		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-9	330	J	ug/Kg	☼	9.23		10/04/11 21:50	10/08/11 09:47	1
Unknown Alkane-10	350	J	ug/Kg	☼	9.61		10/04/11 21:50	10/08/11 09:47	1
Unknown-2	820	J	ug/Kg	☼	9.64		10/04/11 21:50	10/08/11 09:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	38		10 - 120	10/04/11 21:50	10/08/11 09:47	1
2-Fluorobiphenyl	87		40 - 109	10/04/11 21:50	10/08/11 09:47	1
2-Fluorophenol (Surr)	61		37 - 125	10/04/11 21:50	10/08/11 09:47	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-072

Lab Sample ID: 460-31736-14

Date Collected: 09/26/11 14:20

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	74		38 - 105	10/04/11 21:50	10/08/11 09:47	1
Phenol-d5 (Surr)	64		41 - 118	10/04/11 21:50	10/08/11 09:47	1
Terphenyl-d14 (Surr)	76		16 - 151	10/04/11 21:50	10/08/11 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	73	U H	73	14	ug/Kg	✱	10/11/11 03:23	10/11/11 17:52	1
PCB-1221	73	U H	73	22	ug/Kg	✱	10/11/11 03:23	10/11/11 17:52	1
PCB-1232	73	U H	73	42	ug/Kg	✱	10/11/11 03:23	10/11/11 17:52	1
PCB-1242	73	U H	73	14	ug/Kg	✱	10/11/11 03:23	10/11/11 17:52	1
PCB-1248	73	U H	73	19	ug/Kg	✱	10/11/11 03:23	10/11/11 17:52	1
PCB-1254	73	U H	73	25	ug/Kg	✱	10/11/11 03:23	10/11/11 17:52	1
PCB-1260	73	U H	73	8.2	ug/Kg	✱	10/11/11 03:23	10/11/11 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		30 - 150	10/11/11 03:23	10/11/11 17:52	1
DCB Decachlorobiphenyl	78		30 - 150	10/11/11 03:23	10/11/11 17:52	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.9		1.0	1.0	%			09/30/11 14:21	1
Percent Solids	91.1		1.0	1.0	%			09/30/11 14:21	1

Client Sample ID: SO-17338-092611-MM-073

Lab Sample ID: 460-31736-15

Date Collected: 09/26/11 14:30

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	88	U	88	25	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Chloromethane	88	U	88	19	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Vinyl chloride	88	U	88	11	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Bromomethane	88	U	88	28	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Chloroethane	88	U	88	39	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Trichlorofluoromethane	88	U	88	14	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
1,1-Dichloroethene	88	U	88	12	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
1,1,2-Trichloro-1,2,2-trifluoroethane	88	U	88	25	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Acetone	880	U	880	220	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Carbon disulfide	88	U	88	13	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Methyl acetate	180	U	180	29	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Methylene Chloride	88	U	88	17	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
trans-1,2-Dichloroethene	88	U	88	12	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Methyl tert-butyl ether	88	U	88	16	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
1,1-Dichloroethane	88	U	88	8.8	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
cis-1,2-Dichloroethene	88	U	88	17	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
2-Butanone (MEK)	880	U	880	72	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Chloroform	88	U	88	14	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
1,1,1-Trichloroethane	88	U	88	22	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Cyclohexane	88	U	88	11	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50
Carbon tetrachloride	88	U	88	16	ug/Kg	✱	09/29/11 17:14	10/07/11 00:18	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-073

Lab Sample ID: 460-31736-15

Date Collected: 09/26/11 14:30

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	88	U	88	10	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,2-Dichloroethane	88	U	88	22	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Trichloroethene	88	U	88	16	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Methylcyclohexane	88	U	88	7.0	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,2-Dichloropropane	88	U	88	7.7	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Dichlorobromomethane	88	U	88	7.9	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
cis-1,3-Dichloropropene	88	U	88	9.0	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
4-Methyl-2-pentanone (MIBK)	880	U	880	60	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Toluene	88	U	88	8.3	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
trans-1,3-Dichloropropene	88	U	88	11	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,1,2-Trichloroethane	88	U	88	8.6	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Tetrachloroethene	88	U	88	17	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
2-Hexanone	880	U	880	48	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Chlorodibromomethane	88	U	88	8.8	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,2-Dibromoethane	88	U	88	8.0	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Chlorobenzene	88	U	88	15	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Ethylbenzene	88	U	88	22	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Xylenes, Total	260	U	260	38	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Styrene	88	U	88	12	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Bromoform	88	U	88	8.7	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
Isopropylbenzene	88	U	88	19	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,1,2,2-Tetrachloroethane	88	U	88	7.6	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,3-Dichlorobenzene	88	U	88	20	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,4-Dichlorobenzene	88	U	88	13	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,2-Dichlorobenzene	88	U	88	14	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,2-Dibromo-3-Chloropropane	88	U	88	14	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50
1,2,4-Trichlorobenzene	88	U	88	38	ug/Kg	☼	09/29/11 17:14	10/07/11 00:18	50

Tentatively Identified Compound

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/29/11 17:14	10/07/11 00:18	50

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		57 - 135	09/29/11 17:14	10/07/11 00:18	50
4-Bromofluorobenzene	99		50 - 124	09/29/11 17:14	10/07/11 00:18	50
Toluene-d8 (Surr)	97		46 - 130	09/29/11 17:14	10/07/11 00:18	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	350	U	350	22	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Phenol	350	U	350	44	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Bis(2-chloroethyl)ether	35	U	35	7.4	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2-Chlorophenol	350	U	350	48	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2-Methylphenol	350	U	350	51	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2,2'-oxybis[1-chloropropane]	350	U	350	47	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Acetophenone	350	U	350	53	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
4-Methylphenol	350	U	350	58	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
N-Nitrosodi-n-propylamine	35	U	35	4.7	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Hexachloroethane	35	U	35	6.0	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Nitrobenzene	35	U	35	8.0	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Isophorone	350	U	350	41	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2-Nitrophenol	350	U	350	59	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-073

Lab Sample ID: 460-31736-15

Date Collected: 09/26/11 14:30

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	350	U	350	57	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Bis(2-chloroethoxy)methane	350	U	350	51	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2,4-Dichlorophenol	350	U	350	57	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Naphthalene	350	U	350	52	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
4-Chloroaniline	350	U	350	45	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Hexachlorobutadiene	72	U	72	14	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Caprolactam	350	U	350	49	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
4-Chloro-3-methylphenol	350	U	350	60	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2-Methylnaphthalene	350	U	350	52	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Hexachlorocyclopentadiene	350	U	350	100	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2,4,6-Trichlorophenol	350	U	350	64	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2,4,5-Trichlorophenol	350	U	350	69	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
1,1'-Biphenyl	350	U	350	59	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2-Chloronaphthalene	350	U	350	50	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2-Nitroaniline	720	U	720	97	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Dimethyl phthalate	350	U	350	48	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2,6-Dinitrotoluene	72	U	72	9.0	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Acenaphthylene	350	U	350	51	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
3-Nitroaniline	720	U	720	80	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Acenaphthene	350	U	350	51	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2,4-Dinitrophenol	1100	U	1100	76	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
4-Nitrophenol	1100	U	1100	91	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Dibenzofuran	350	U	350	53	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
2,4-Dinitrotoluene	72	U	72	10	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Diethyl phthalate	350	U	350	48	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Fluorene	350	U	350	60	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
4-Chlorophenyl phenyl ether	350	U	350	61	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
4-Nitroaniline	720	U	720	73	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
4,6-Dinitro-2-methylphenol	1100	U	1100	170	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
N-Nitrosodiphenylamine	350	U	350	58	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
4-Bromophenyl phenyl ether	350	U	350	63	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Hexachlorobenzene	35	U	35	4.9	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Atrazine	350	U	350	66	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Pentachlorophenol	1100	U	1100	170	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Phenanthrene	350	U	350	62	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Anthracene	350	U	350	63	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Carbazole	350	U	350	57	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Di-n-butyl phthalate	350	U	350	54	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Fluoranthene	350	U	350	59	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Pyrene	350	U	350	62	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Butyl benzyl phthalate	350	U	350	42	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
3,3'-Dichlorobenzidine	720	U	720	79	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Benzo[a]anthracene	35	U	35	6.6	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Chrysene	350	U	350	52	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Bis(2-ethylhexyl) phthalate	350	U	350	47	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Di-n-octyl phthalate	350	U	350	42	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Benzo[b]fluoranthene	35	U	35	5.3	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Benzo[k]fluoranthene	35	U	35	5.0	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Benzo[a]pyrene	35	U	35	4.4	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Indeno[1,2,3-cd]pyrene	35	U	35	5.7	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-073

Lab Sample ID: 460-31736-15

Date Collected: 09/26/11 14:30

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	35	U	35	4.3	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1
Benzo[g,h,i]perylene	350	U	350	38	ug/Kg	☼	10/04/11 21:50	10/08/11 08:56	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/04/11 21:50	10/08/11 08:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	22		10 - 120	10/04/11 21:50	10/08/11 08:56	1
2-Fluorobiphenyl	83		40 - 109	10/04/11 21:50	10/08/11 08:56	1
2-Fluorophenol (Surr)	60		37 - 125	10/04/11 21:50	10/08/11 08:56	1
Nitrobenzene-d5 (Surr)	75		38 - 105	10/04/11 21:50	10/08/11 08:56	1
Phenol-d5 (Surr)	60		41 - 118	10/04/11 21:50	10/08/11 08:56	1
Terphenyl-d14 (Surr)	81		16 - 151	10/04/11 21:50	10/08/11 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	72	U H	72	14	ug/Kg	☼	10/11/11 03:23	10/11/11 18:08	1
PCB-1221	72	U H	72	22	ug/Kg	☼	10/11/11 03:23	10/11/11 18:08	1
PCB-1232	72	U H	72	41	ug/Kg	☼	10/11/11 03:23	10/11/11 18:08	1
PCB-1242	72	U H	72	14	ug/Kg	☼	10/11/11 03:23	10/11/11 18:08	1
PCB-1248	72	U H	72	19	ug/Kg	☼	10/11/11 03:23	10/11/11 18:08	1
PCB-1254	72	U H	72	25	ug/Kg	☼	10/11/11 03:23	10/11/11 18:08	1
PCB-1260	72	U H	72	8.1	ug/Kg	☼	10/11/11 03:23	10/11/11 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		30 - 150	10/11/11 03:23	10/11/11 18:08	1
DCB Decachlorobiphenyl	111		30 - 150	10/11/11 03:23	10/11/11 18:08	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.3		1.0	1.0	%			09/30/11 14:21	1
Percent Solids	92.7		1.0	1.0	%			09/30/11 14:21	1

Client Sample ID: SO-17338-092611-MM-074

Lab Sample ID: 460-31736-16

Date Collected: 09/26/11 14:49

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	82	U	82	23	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Chloromethane	82	U	82	17	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Vinyl chloride	82	U	82	9.9	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Bromomethane	82	U	82	26	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Chloroethane	82	U	82	37	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Trichlorofluoromethane	82	U	82	13	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,1-Dichloroethene	82	U	82	12	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,1,2-Trichloro-1,2,2-trifluoroethane	82	U	82	24	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Acetone	820	U	820	200	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Carbon disulfide	82	U	82	12	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Methyl acetate	160	U	160	27	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Methylene Chloride	82	U	82	16	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-074

Lab Sample ID: 460-31736-16

Date Collected: 09/26/11 14:49

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	82	U	82	11	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Methyl tert-butyl ether	82	U	82	15	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,1-Dichloroethane	82	U	82	8.2	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
cis-1,2-Dichloroethene	82	U	82	16	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
2-Butanone (MEK)	820	U	820	68	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Chloroform	82	U	82	13	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,1,1-Trichloroethane	82	U	82	20	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Cyclohexane	82	U	82	10	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Carbon tetrachloride	82	U	82	15	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Benzene	82	U	82	9.8	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,2-Dichloroethane	82	U	82	20	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Trichloroethene	82	U	82	15	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Methylcyclohexane	82	U	82	6.6	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,2-Dichloropropane	82	U	82	7.2	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Dichlorobromomethane	82	U	82	7.4	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
cis-1,3-Dichloropropene	82	U	82	8.4	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
4-Methyl-2-pentanone (MIBK)	820	U	820	56	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Toluene	82	U	82	7.8	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
trans-1,3-Dichloropropene	82	U	82	10	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,1,2-Trichloroethane	82	U	82	8.0	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Tetrachloroethene	82	U	82	16	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
2-Hexanone	820	U	820	45	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Chlorodibromomethane	82	U	82	8.3	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,2-Dibromoethane	82	U	82	7.5	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Chlorobenzene	82	U	82	14	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Ethylbenzene	82	U	82	20	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Xylenes, Total	250	U	250	36	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Styrene	82	U	82	11	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Bromoform	82	U	82	8.2	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
Isopropylbenzene	82	U	82	17	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,1,1,2-Tetrachloroethane	82	U	82	7.1	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,3-Dichlorobenzene	82	U	82	19	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,4-Dichlorobenzene	82	U	82	12	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,2-Dichlorobenzene	82	U	82	13	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,2-Dibromo-3-Chloropropane	82	U	82	13	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50
1,2,4-Trichlorobenzene	82	U	82	36	ug/Kg	☼	09/29/11 17:14	10/07/11 01:08	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/29/11 17:14	10/07/11 01:08	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		57 - 135	09/29/11 17:14	10/07/11 01:08	50
4-Bromofluorobenzene	98		50 - 124	09/29/11 17:14	10/07/11 01:08	50
Toluene-d8 (Surr)	95		46 - 130	09/29/11 17:14	10/07/11 01:08	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	360	U	360	23	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Phenol	360	U	360	44	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Bis(2-chloroethyl)ether	36	U	36	7.5	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2-Chlorophenol	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-074

Lab Sample ID: 460-31736-16

Date Collected: 09/26/11 14:49

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2,2'-oxybis[1-chloropropane]	360	U	360	47	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Acetophenone	360	U	360	53	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
4-Methylphenol	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
N-Nitrosodi-n-propylamine	36	U	36	4.8	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Hexachloroethane	36	U	36	6.1	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Nitrobenzene	36	U	36	8.1	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Isophorone	360	U	360	41	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2-Nitrophenol	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2,4-Dimethylphenol	360	U	360	58	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Bis(2-chloroethoxy)methane	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2,4-Dichlorophenol	360	U	360	58	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Naphthalene	360	U	360	53	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
4-Chloroaniline	360	U	360	45	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Hexachlorobutadiene	73	U	73	15	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Caprolactam	360	U	360	49	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
4-Chloro-3-methylphenol	360	U	360	60	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2-Methylnaphthalene	360	U	360	53	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Hexachlorocyclopentadiene	360	U	360	110	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2,4,6-Trichlorophenol	360	U	360	64	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2,4,5-Trichlorophenol	360	U	360	69	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
1,1'-Biphenyl	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2-Chloronaphthalene	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2-Nitroaniline	730	U	730	98	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Dimethyl phthalate	360	U	360	49	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2,6-Dinitrotoluene	73	U	73	9.2	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Acenaphthylene	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
3-Nitroaniline	730	U	730	81	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Acenaphthene	360	U	360	51	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2,4-Dinitrophenol	1100	U	1100	76	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
4-Nitrophenol	1100	U	1100	93	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Dibenzofuran	360	U	360	54	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
2,4-Dinitrotoluene	73	U	73	11	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Diethyl phthalate	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Fluorene	360	U	360	61	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
4-Chlorophenyl phenyl ether	360	U	360	62	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
4-Nitroaniline	730	U	730	74	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
4,6-Dinitro-2-methylphenol	1100	U	1100	170	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
N-Nitrosodiphenylamine	360	U	360	59	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
4-Bromophenyl phenyl ether	360	U	360	64	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Hexachlorobenzene	36	U	36	5.0	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Atrazine	360	U	360	67	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Pentachlorophenol	1100	U	1100	180	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Phenanthrene	360	U	360	63	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Anthracene	360	U	360	64	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Carbazole	360	U	360	57	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Di-n-butyl phthalate	360	U	360	55	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Fluoranthene	360	U	360	60	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Pyrene	360	U	360	62	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Butyl benzyl phthalate	360	U	360	42	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-074

Lab Sample ID: 460-31736-16

Date Collected: 09/26/11 14:49

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	730	U	730	80	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Benzo[a]anthracene	36	U	36	6.7	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Chrysene	360	U	360	52	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Bis(2-ethylhexyl) phthalate	360	U	360	48	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Di-n-octyl phthalate	360	U	360	43	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Benzo[b]fluoranthene	36	U	36	5.4	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Benzo[k]fluoranthene	36	U	36	5.0	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Benzo[a]pyrene	36	U	36	4.4	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Indeno[1,2,3-cd]pyrene	36	U	36	5.8	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Dibenz(a,h)anthracene	36	U	36	4.3	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1
Benzo[g,h,i]perylene	360	U	360	38	ug/Kg	☼	10/04/11 21:50	10/08/11 06:22	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			10/04/11 21:50	10/08/11 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	31		10 - 120	10/04/11 21:50	10/08/11 06:22	1
2-Fluorobiphenyl	88		40 - 109	10/04/11 21:50	10/08/11 06:22	1
2-Fluorophenol (Surr)	73		37 - 125	10/04/11 21:50	10/08/11 06:22	1
Nitrobenzene-d5 (Surr)	83		38 - 105	10/04/11 21:50	10/08/11 06:22	1
Phenol-d5 (Surr)	72		41 - 118	10/04/11 21:50	10/08/11 06:22	1
Terphenyl-d14 (Surr)	86		16 - 151	10/04/11 21:50	10/08/11 06:22	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	7.3	U	7.3	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
beta-BHC	7.3	U	7.3	0.99	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
delta-BHC	7.3	U	7.3	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
gamma-BHC (Lindane)	7.3	U	7.3	0.85	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Heptachlor	7.3	U	7.3	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Aldrin	7.3	U	7.3	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Heptachlor epoxide	7.3	U	7.3	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Endosulfan I	7.3	U	7.3	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Dieldrin	7.3	U	7.3	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
4,4'-DDE	7.3	U	7.3	1.4	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Endrin	7.3	U	7.3	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Endosulfan II	7.3	U	7.3	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
4,4'-DDD	7.3	U	7.3	0.87	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Endosulfan sulfate	7.3	U	7.3	0.94	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
4,4'-DDT	7.3	U	7.3	0.92	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Methoxychlor	7.3	U	7.3	0.82	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Endrin ketone	7.3	U	7.3	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Endrin aldehyde	7.3	U	7.3	1.8	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
alpha-Chlordane	7.3	U	7.3	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
gamma-Chlordane	7.3	U	7.3	1.5	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1
Toxaphene	73	U	73	15	ug/Kg	☼	10/07/11 03:03	10/12/11 08:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	136		53 - 150	10/07/11 03:03	10/12/11 08:24	1
DCB Decachlorobiphenyl	104		53 - 150	10/07/11 03:03	10/12/11 08:24	1
Tetrachloro-m-xylene	83		40 - 150	10/07/11 03:03	10/12/11 08:24	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-074

Lab Sample ID: 460-31736-16

Date Collected: 09/26/11 14:49

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		40 - 150	10/07/11 03:03	10/12/11 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	73	U H	73	14	ug/Kg	☆	10/11/11 03:23	10/11/11 18:24	1
PCB-1221	73	U H	73	22	ug/Kg	☆	10/11/11 03:23	10/11/11 18:24	1
PCB-1232	73	U H	73	41	ug/Kg	☆	10/11/11 03:23	10/11/11 18:24	1
PCB-1242	73	U H	73	14	ug/Kg	☆	10/11/11 03:23	10/11/11 18:24	1
PCB-1248	73	U H	73	19	ug/Kg	☆	10/11/11 03:23	10/11/11 18:24	1
PCB-1254	73	U H	73	25	ug/Kg	☆	10/11/11 03:23	10/11/11 18:24	1
PCB-1260	73	U H	73	8.2	ug/Kg	☆	10/11/11 03:23	10/11/11 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		30 - 150	10/11/11 03:23	10/11/11 18:24	1
DCB Decachlorobiphenyl	88		30 - 150	10/11/11 03:23	10/11/11 18:24	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5280		43.2	15.8	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Antimony	2.2	U	2.2	0.95	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Arsenic	1.3		1.1	0.75	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Barium	21.7	J	43.2	1.3	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Beryllium	0.37	J	0.43	0.19	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Cadmium	1.1	U	1.1	0.17	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Calcium	213	J	1080	28.4	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Chromium	6.2		2.2	1.3	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Cobalt	3.2	J	10.8	1.3	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Copper	2.9	J	5.4	0.88	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Iron	7930		32.4	11.5	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Lead	3.7		1.1	0.54	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Magnesium	282	J	1080	11.4	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Manganese	195		3.2	1.2	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Nickel	3.7	J	8.6	0.58	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Potassium	126	J	1080	48.8	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Selenium	2.2	U	2.2	1.0	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Silver	2.2	U	2.2	0.16	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Sodium	1080	U	1080	66.4	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Thallium	2.2	U	2.2	1.0	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Vanadium	12.3		10.8	0.56	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	4
Zinc	9.4		6.5	1.1	mg/Kg	☆	10/08/11 18:54	10/09/11 02:15	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	☆	10/07/11 18:00	10/07/11 21:50	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.4		1.0	1.0	%			09/30/11 14:21	1
Percent Solids	91.6		1.0	1.0	%			09/30/11 14:21	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-075

Lab Sample ID: 460-31736-17

Date Collected: 09/26/11 14:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	78	U	78	22	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Chloromethane	78	U	78	16	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Vinyl chloride	78	U	78	9.3	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Bromomethane	78	U	78	24	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Chloroethane	78	U	78	35	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Trichlorofluoromethane	78	U	78	12	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,1-Dichloroethene	78	U	78	11	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,1,2-Trichloro-1,2,2-trifluoroethane	78	U	78	22	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Acetone	780	U	780	190	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Carbon disulfide	78	U	78	11	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Methyl acetate	160	U	160	26	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Methylene Chloride	78	U	78	15	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
trans-1,2-Dichloroethene	78	U	78	11	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Methyl tert-butyl ether	78	U	78	14	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,1-Dichloroethane	78	U	78	7.8	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
cis-1,2-Dichloroethene	78	U	78	15	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
2-Butanone (MEK)	780	U	780	64	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Chloroform	29	J	78	12	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,1,1-Trichloroethane	78	U	78	19	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Cyclohexane	1400		78	9.6	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Carbon tetrachloride	78	U	78	14	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Benzene	78	U	78	9.2	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,2-Dichloroethane	78	U	78	19	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Trichloroethene	78	U	78	14	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Methylcyclohexane	1900		78	6.2	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,2-Dichloropropane	78	U	78	6.8	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Dichlorobromomethane	78	U	78	7.0	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
cis-1,3-Dichloropropene	78	U	78	7.9	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
4-Methyl-2-pentanone (MIBK)	780	U	780	53	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Toluene	78	U	78	7.4	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
trans-1,3-Dichloropropene	78	U	78	9.5	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,1,2-Trichloroethane	78	U	78	7.6	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Tetrachloroethene	78	U	78	15	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
2-Hexanone	780	U	780	42	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Chlorodibromomethane	78	U	78	7.8	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,2-Dibromoethane	78	U	78	7.1	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Chlorobenzene	78	U	78	13	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Ethylbenzene	400		78	19	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Xylenes, Total	230	U	230	34	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Styrene	78	U	78	11	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Bromoform	78	U	78	7.7	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
Isopropylbenzene	330		78	16	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,1,2,2-Tetrachloroethane	78	U	78	6.7	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,3-Dichlorobenzene	78	U	78	18	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,4-Dichlorobenzene	78	U	78	12	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,2-Dichlorobenzene	78	U	78	13	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,2-Dibromo-3-Chloropropane	78	U	78	12	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50
1,2,4-Trichlorobenzene	78	U	78	34	ug/Kg	☼	09/29/11 17:15	10/07/11 02:51	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-075

Lab Sample ID: 460-31736-17

Date Collected: 09/26/11 14:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 90.6

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C9H20 Alkane	6200	J	ug/Kg	☼	10.94		09/29/11 17:15	10/07/11 02:51	50
C9H20 Alkane-2	6200	J	ug/Kg	☼	11.47		09/29/11 17:15	10/07/11 02:51	50
C10H22 Alkane-1	7800	J	ug/Kg	☼	12.81		09/29/11 17:15	10/07/11 02:51	50
C10H20 Cycloalkane	7200	J	ug/Kg	☼	13.51		09/29/11 17:15	10/07/11 02:51	50
Decahydronaphthalene isomer	11000	J	ug/Kg	☼	14.12		09/29/11 17:15	10/07/11 02:51	50
Ethylmethylbenzene isomer	6300	J	ug/Kg	☼	14.47		09/29/11 17:15	10/07/11 02:51	50
Decahydromethylnaphthalene isomer-1	5100	J	ug/Kg	☼	15.16		09/29/11 17:15	10/07/11 02:51	50
Decahydromethylnaphthalene isomer-2	5100	J	ug/Kg	☼	15.16		09/29/11 17:15	10/07/11 02:51	50
2,3-dihydro-methyl-1H-Indene isomer-1	9300	J	ug/Kg	☼	15.68		09/29/11 17:15	10/07/11 02:51	50
2,3-dihydro-dimethyl-1H-Indene isomer-1	9600	J	ug/Kg	☼	16.37		09/29/11 17:15	10/07/11 02:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		57 - 135				09/29/11 17:15	10/07/11 02:51	50
4-Bromofluorobenzene	104		50 - 124				09/29/11 17:15	10/07/11 02:51	50
Toluene-d8 (Surr)	101		46 - 130				09/29/11 17:15	10/07/11 02:51	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	730	U	730	46	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Phenol	730	U	730	89	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Bis(2-chloroethyl)ether	73	U	73	15	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2-Chlorophenol	730	U	730	97	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2-Methylphenol	730	U	730	100	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2,2'-oxybis[1-chloropropane]	730	U	730	96	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Acetophenone	730	U	730	110	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
4-Methylphenol	730	U	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
N-Nitrosodi-n-propylamine	73	U	73	9.6	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Hexachloroethane	73	U	73	12	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Nitrobenzene	73	U	73	16	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Isophorone	730	U	730	84	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2-Nitrophenol	730	U	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2,4-Dimethylphenol	730	U	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Bis(2-chloroethoxy)methane	730	U	730	100	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2,4-Dichlorophenol	730	U	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Naphthalene	230	J	730	110	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
4-Chloroaniline	730	U	730	92	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Hexachlorobutadiene	150	U	150	29	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Caprolactam	730	U	730	100	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
4-Chloro-3-methylphenol	730	U	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2-Methylnaphthalene	1700		730	110	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Hexachlorocyclopentadiene	730	U	730	210	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2,4,6-Trichlorophenol	730	U	730	130	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2,4,5-Trichlorophenol	730	U	730	140	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
1,1'-Biphenyl	310	J	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2-Chloronaphthalene	730	U	730	100	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2-Nitroaniline	1500	U	1500	200	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Dimethyl phthalate	730	U	730	98	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2,6-Dinitrotoluene	150	U	150	19	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-075

Lab Sample ID: 460-31736-17

Date Collected: 09/26/11 14:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	730	U	730	100	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
3-Nitroaniline	1500	U	1500	160	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Acenaphthene	730	U	730	100	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2,4-Dinitrophenol	2200	U	2200	150	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
4-Nitrophenol	2200	U	2200	190	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Dibenzofuran	730	U	730	110	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
2,4-Dinitrotoluene	150	U	150	21	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Diethyl phthalate	730	U	730	98	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Fluorene	930		730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
4-Chlorophenyl phenyl ether	730	U	730	130	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
4-Nitroaniline	1500	U	1500	150	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
4,6-Dinitro-2-methylphenol	2200	U	2200	350	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
N-Nitrosodiphenylamine	730	U	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
4-Bromophenyl phenyl ether	730	U	730	130	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Hexachlorobenzene	73	U	73	10	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Atrazine	730	U	730	140	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Pentachlorophenol	2200	U	2200	360	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Phenanthrene	1700		730	130	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Anthracene	730	U	730	130	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Carbazole	730	U	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Di-n-butyl phthalate	730	U	730	110	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Fluoranthene	730	U	730	120	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Pyrene	440	J	730	130	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Butyl benzyl phthalate	730	U	730	85	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
3,3'-Dichlorobenzidine	1500	U	1500	160	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Benzo[a]anthracene	73	U	73	13	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Chrysene	730	U	730	110	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Bis(2-ethylhexyl) phthalate	430	J	730	97	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Di-n-octyl phthalate	730	U	730	86	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Benzo[b]fluoranthene	73	U	73	11	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Benzo[k]fluoranthene	73	U	73	10	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Benzo[a]pyrene	73	U	73	9.0	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Indeno[1,2,3-cd]pyrene	73	U	73	12	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Dibenz(a,h)anthracene	73	U	73	8.8	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2
Benzo[g,h,i]perylene	730	U	730	77	ug/Kg	☼	10/04/11 21:50	10/08/11 07:39	2

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Alkane-1	5700	J	ug/Kg	☼	6.35		10/04/11 21:50	10/08/11 07:39	2
Unknown Alkane-2	8600	J	ug/Kg	☼	6.49		10/04/11 21:50	10/08/11 07:39	2
Dimethylnaphthalene isomer-1	3800	J	ug/Kg	☼	6.59		10/04/11 21:50	10/08/11 07:39	2
Dimethylnaphthalene isomer-2	4100	J	ug/Kg	☼	6.66		10/04/11 21:50	10/08/11 07:39	2
Unknown-1	3200	J	ug/Kg	☼	6.69		10/04/11 21:50	10/08/11 07:39	2
Dimethylnaphthalene isomer-3	5300	J	ug/Kg	☼	6.78		10/04/11 21:50	10/08/11 07:39	2
Unknown Alkane-3	8800	J	ug/Kg	☼	6.82		10/04/11 21:50	10/08/11 07:39	2
Unknown-2	3300	J	ug/Kg	☼	6.92		10/04/11 21:50	10/08/11 07:39	2
Unknown Alkane-4	11000	J	ug/Kg	☼	7.02		10/04/11 21:50	10/08/11 07:39	2
Trimethylnaphthalene isomer-1	3700	J	ug/Kg	☼	7.22		10/04/11 21:50	10/08/11 07:39	2
Trimethylnaphthalene isomer-2	4300	J	ug/Kg	☼	7.26		10/04/11 21:50	10/08/11 07:39	2
Trimethylnaphthalene isomer-3	9000	J	ug/Kg	☼	7.33		10/04/11 21:50	10/08/11 07:39	2
Unknown Alkane-5	11000	J	ug/Kg	☼	7.52		10/04/11 21:50	10/08/11 07:39	2

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-075

Lab Sample ID: 460-31736-17

Date Collected: 09/26/11 14:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 90.6

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown-3	3300	J	ug/Kg	☼	7.55		10/04/11 21:50	10/08/11 07:39	2
Unknown-4	4200	J	ug/Kg	☼	7.59		10/04/11 21:50	10/08/11 07:39	2
Unknown Alkane-6	6300	J	ug/Kg	☼	7.74		10/04/11 21:50	10/08/11 07:39	2
Unknown Cycloalkane	2400	J	ug/Kg	☼	7.82		10/04/11 21:50	10/08/11 07:39	2
Unknown Alkane-7	15000	J	ug/Kg	☼	8.00		10/04/11 21:50	10/08/11 07:39	2
Unknown Alkane-8	3900	J	ug/Kg	☼	8.43		10/04/11 21:50	10/08/11 07:39	2
Unknown Alkane-9	2600	J	ug/Kg	☼	8.84		10/04/11 21:50	10/08/11 07:39	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		10 - 120	10/04/11 21:50	10/08/11 07:39	2
2-Fluorobiphenyl	86		40 - 109	10/04/11 21:50	10/08/11 07:39	2
2-Fluorophenol (Surr)	72		37 - 125	10/04/11 21:50	10/08/11 07:39	2
Nitrobenzene-d5 (Surr)	83		38 - 105	10/04/11 21:50	10/08/11 07:39	2
Phenol-d5 (Surr)	73		41 - 118	10/04/11 21:50	10/08/11 07:39	2
Terphenyl-d14 (Surr)	78		16 - 151	10/04/11 21:50	10/08/11 07:39	2

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	☼	10/04/11 04:38	10/06/11 14:14	1
beta-BHC	7.4	U	7.4	1.0	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
delta-BHC	7.4	U	7.4	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
gamma-BHC (Lindane)	7.4	U	7.4	0.86	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Heptachlor	7.4	U	7.4	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Aldrin	7.4	U	7.4	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Heptachlor epoxide	7.4	U	7.4	1.5	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Endosulfan I	7.4	U	7.4	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Dieldrin	7.4	U	7.4	1.4	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
4,4'-DDE	7.4	U	7.4	1.4	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Endrin	7.4	U	7.4	1.0	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Endosulfan II	7.4	U	7.4	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
4,4'-DDD	7.4	U	7.4	0.88	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Endosulfan sulfate	7.4	U	7.4	0.95	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
4,4'-DDT	7.4	U	7.4	0.93	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Methoxychlor	7.4	U	7.4	0.83	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Endrin ketone	7.4	U	7.4	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Endrin aldehyde	7.4	U	7.4	1.8	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
alpha-Chlordane	7.4	U	7.4	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
gamma-Chlordane	7.4	U	7.4	1.5	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1
Toxaphene	74	U	74	15	ug/Kg	☼	10/04/11 04:38	10/06/11 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		53 - 150	10/04/11 04:38	10/06/11 14:14	1
DCB Decachlorobiphenyl	95		53 - 150	10/04/11 04:38	10/06/11 14:14	1
Tetrachloro-m-xylene	50		40 - 150	10/04/11 04:38	10/06/11 14:14	1
Tetrachloro-m-xylene	50		40 - 150	10/04/11 04:38	10/06/11 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	74	U	74	14	ug/Kg	☼	10/04/11 04:15	10/04/11 22:07	1
PCB-1221	74	U	74	22	ug/Kg	☼	10/04/11 04:15	10/04/11 22:07	1
PCB-1232	74	U	74	42	ug/Kg	☼	10/04/11 04:15	10/04/11 22:07	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-075

Lab Sample ID: 460-31736-17

Date Collected: 09/26/11 14:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	74	U	74	14	ug/Kg	☼	10/04/11 04:15	10/04/11 22:07	1
PCB-1248	74	U	74	20	ug/Kg	☼	10/04/11 04:15	10/04/11 22:07	1
PCB-1254	74	U	74	25	ug/Kg	☼	10/04/11 04:15	10/04/11 22:07	1
PCB-1260	74	U	74	8.3	ug/Kg	☼	10/04/11 04:15	10/04/11 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		30 - 150				10/04/11 04:15	10/04/11 22:07	1
DCB Decachlorobiphenyl	99		30 - 150				10/04/11 04:15	10/04/11 22:07	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8330		40.5	14.8	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Antimony	2.0	U	2.0	0.89	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Arsenic	1.7		1.0	0.70	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Barium	33.8	J	40.5	1.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Beryllium	0.36	J	0.40	0.18	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Cadmium	1.0	U	1.0	0.16	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Calcium	7360		1010	26.6	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Chromium	11.7		2.0	1.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Cobalt	3.7	J	10.1	1.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Copper	4.0	J	5.1	0.83	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Iron	10300		30.4	10.7	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Lead	10.9		1.0	0.51	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Magnesium	3900		1010	10.7	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Manganese	124		3.0	1.1	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Nickel	6.0	J	8.1	0.54	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Potassium	399	J	1010	45.7	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Selenium	2.0	U	2.0	0.95	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Silver	2.0	U	2.0	0.15	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Sodium	1010	U	1010	62.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Thallium	2.0	U	2.0	0.98	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Vanadium	17.2		10.1	0.53	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4
Zinc	56.4		6.1	0.99	mg/Kg	☼	10/06/11 07:42	10/07/11 02:25	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	U	0.034	0.023	mg/Kg	☼	10/04/11 18:00	10/04/11 21:43	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.4		1.0	1.0	%			09/30/11 14:21	1
Percent Solids	90.6		1.0	1.0	%			09/30/11 14:21	1

Client Sample ID: SO-17338-092611-MM-076

Lab Sample ID: 460-31736-18

Date Collected: 09/26/11 15:25

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	85	U	85	24	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-076

Lab Sample ID: 460-31736-18

Date Collected: 09/26/11 15:25

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	85	U	85	18	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Vinyl chloride	85	U	85	10	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Bromomethane	85	U	85	27	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Chloroethane	85	U	85	38	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Trichlorofluoromethane	85	U	85	13	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,1-Dichloroethene	85	U	85	12	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,1,2-Trichloro-1,2,2-trifluoroethane	85	U	85	24	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Acetone	850	U	850	210	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Carbon disulfide	85	U	85	12	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Methyl acetate	170	U	170	28	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Methylene Chloride	85	U	85	16	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
trans-1,2-Dichloroethene	85	U	85	12	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Methyl tert-butyl ether	85	U	85	16	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,1-Dichloroethane	85	U	85	8.5	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
cis-1,2-Dichloroethene	85	U	85	16	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
2-Butanone (MEK)	850	U	850	69	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Chloroform	85	U	85	13	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,1,1-Trichloroethane	85	U	85	21	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Cyclohexane	85	U	85	10	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Carbon tetrachloride	85	U	85	15	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Benzene	220		85	10	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,2-Dichloroethane	85	U	85	21	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Trichloroethene	85	U	85	15	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Methylcyclohexane	85	U	85	6.8	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,2-Dichloropropane	85	U	85	7.4	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Dichlorobromomethane	85	U	85	7.6	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
cis-1,3-Dichloropropene	85	U	85	8.6	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
4-Methyl-2-pentanone (MIBK)	850	U	850	58	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Toluene	37 J		85	8.0	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
trans-1,3-Dichloropropene	85	U	85	10	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,1,2-Trichloroethane	85	U	85	8.2	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Tetrachloroethene	85	U	85	17	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
2-Hexanone	850	U	850	46	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Chlorodibromomethane	85	U	85	8.5	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,2-Dibromoethane	85	U	85	7.7	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Chlorobenzene	85	U	85	14	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Ethylbenzene	54 J		85	21	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Xylenes, Total	140 J		250	37	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Styrene	85	U	85	12	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Bromoform	85	U	85	8.4	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
Isopropylbenzene	85	U	85	18	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,1,2,2-Tetrachloroethane	85	U	85	7.3	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,3-Dichlorobenzene	85	U	85	19	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,4-Dichlorobenzene	85	U	85	13	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,2-Dichlorobenzene	85	U	85	14	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,2-Dibromo-3-Chloropropane	85	U	85	13	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50
1,2,4-Trichlorobenzene	85	U	85	37	ug/Kg	☼	09/29/11 17:15	10/07/11 00:43	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/29/11 17:15	10/07/11 00:43	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-076

Lab Sample ID: 460-31736-18

Date Collected: 09/26/11 15:25

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 88.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		57 - 135	09/29/11 17:15	10/07/11 00:43	50
4-Bromofluorobenzene	99		50 - 124	09/29/11 17:15	10/07/11 00:43	50
Toluene-d8 (Surr)	96		46 - 130	09/29/11 17:15	10/07/11 00:43	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	☼	10/04/11 21:50	10/08/11 05:03	1
Phenol	370	U	370	46	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Bis(2-chloroethyl)ether	37	U	37	7.8	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2-Chlorophenol	370	U	370	50	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2-Methylphenol	370	U	370	54	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2,2'-oxybis[1-chloropropane]	370	U	370	49	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Acetophenone	370	U	370	55	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
4-Methylphenol	370	U	370	61	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
N-Nitrosodi-n-propylamine	37	U	37	4.9	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Hexachloroethane	37	U	37	6.3	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Nitrobenzene	37	U	37	8.3	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Isophorone	370	U	370	43	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2-Nitrophenol	370	U	370	61	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2,4-Dimethylphenol	370	U	370	60	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Bis(2-chloroethoxy)methane	370	U	370	53	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2,4-Dichlorophenol	370	U	370	60	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Naphthalene	370	U	370	54	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
4-Chloroaniline	370	U	370	47	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Hexachlorobutadiene	75	U	75	15	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Caprolactam	370	U	370	51	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
4-Chloro-3-methylphenol	370	U	370	62	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2-Methylnaphthalene	370	U	370	54	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Hexachlorocyclopentadiene	370	U	370	110	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2,4,6-Trichlorophenol	370	U	370	67	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2,4,5-Trichlorophenol	370	U	370	72	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
1,1'-Biphenyl	370	U	370	61	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2-Chloronaphthalene	370	U	370	53	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2-Nitroaniline	750	U	750	100	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Dimethyl phthalate	370	U	370	50	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2,6-Dinitrotoluene	75	U	75	9.5	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Acenaphthylene	370	U	370	53	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
3-Nitroaniline	750	U	750	84	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Acenaphthene	370	U	370	53	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2,4-Dinitrophenol	1100	U	1100	79	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
4-Nitrophenol	1100	U	1100	96	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Dibenzofuran	370	U	370	56	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
2,4-Dinitrotoluene	75	U	75	11	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Diethyl phthalate	370	U	370	50	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Fluorene	370	U	370	63	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
4-Chlorophenyl phenyl ether	370	U	370	64	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
4-Nitroaniline	750	U	750	77	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
4,6-Dinitro-2-methylphenol	1100	U	1100	180	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
N-Nitrosodiphenylamine	370	U	370	61	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
4-Bromophenyl phenyl ether	370	U	370	66	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Hexachlorobenzene	37	U	37	5.2	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-076

Lab Sample ID: 460-31736-18

Date Collected: 09/26/11 15:25

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	370	U	370	69	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Pentachlorophenol	1100	U	1100	180	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Phenanthrene	370	U	370	65	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Anthracene	370	U	370	66	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Carbazole	370	U	370	59	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Di-n-butyl phthalate	370	U	370	57	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Fluoranthene	370	U	370	62	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Pyrene	370	U	370	64	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Butyl benzyl phthalate	370	U	370	43	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
3,3'-Dichlorobenzidine	750	U	750	82	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Benzo[a]anthracene	37	U	37	6.9	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Chrysene	370	U	370	54	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Bis(2-ethylhexyl) phthalate	370	U	370	49	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Di-n-octyl phthalate	370	U	370	44	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Benzo[b]fluoranthene	37	U	37	5.5	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Benzo[k]fluoranthene	37	U	37	5.2	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Benzo[a]pyrene	37	U	37	4.6	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Indeno[1,2,3-cd]pyrene	37	U	37	6.0	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Dibenz(a,h)anthracene	37	U	37	4.5	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1
Benzo[g,h,i]perylene	370	U	370	39	ug/Kg	☼	10/04/11 21:50	10/08/11 05:03	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown-1	400	J	ug/Kg	☼	4.85		10/04/11 21:50	10/08/11 05:03	1
Unknown-2	530	J	ug/Kg	☼	9.64		10/04/11 21:50	10/08/11 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	42		10 - 120	10/04/11 21:50	10/08/11 05:03	1
2-Fluorobiphenyl	73		40 - 109	10/04/11 21:50	10/08/11 05:03	1
2-Fluorophenol (Surr)	60		37 - 125	10/04/11 21:50	10/08/11 05:03	1
Nitrobenzene-d5 (Surr)	70		38 - 105	10/04/11 21:50	10/08/11 05:03	1
Phenol-d5 (Surr)	62		41 - 118	10/04/11 21:50	10/08/11 05:03	1
Terphenyl-d14 (Surr)	76		16 - 151	10/04/11 21:50	10/08/11 05:03	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	7.6	U	7.6	1.4	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
beta-BHC	7.6	U	7.6	1.0	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
delta-BHC	7.6	U	7.6	1.2	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
gamma-BHC (Lindane)	7.6	U	7.6	0.88	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Heptachlor	7.6	U	7.6	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Aldrin	7.6	U	7.6	1.7	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Heptachlor epoxide	7.6	U	7.6	1.5	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Endosulfan I	7.6	U	7.6	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Dieldrin	7.6	U	7.6	1.5	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
4,4'-DDE	7.6	U	7.6	1.5	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Endrin	7.6	U	7.6	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Endosulfan II	7.6	U	7.6	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
4,4'-DDD	7.6	U	7.6	0.90	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Endosulfan sulfate	7.6	U	7.6	0.97	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
4,4'-DDT	7.6	U	7.6	0.95	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Methoxychlor	7.6	U	7.6	0.85	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-076

Lab Sample ID: 460-31736-18

Date Collected: 09/26/11 15:25

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	7.6	U	7.6	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Endrin aldehyde	7.6	U	7.6	1.9	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
alpha-Chlordane	7.6	U	7.6	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
gamma-Chlordane	7.6	U	7.6	1.5	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1
Toxaphene	76	U	76	16	ug/Kg	☼	10/04/11 04:38	10/06/11 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		53 - 150	10/04/11 04:38	10/06/11 14:28	1
DCB Decachlorobiphenyl	68		53 - 150	10/04/11 04:38	10/06/11 14:28	1
Tetrachloro-m-xylene	45		40 - 150	10/04/11 04:38	10/06/11 14:28	1
Tetrachloro-m-xylene	46		40 - 150	10/04/11 04:38	10/06/11 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	76	U	76	14	ug/Kg	☼	10/04/11 04:15	10/04/11 22:23	1
PCB-1221	76	U	76	23	ug/Kg	☼	10/04/11 04:15	10/04/11 22:23	1
PCB-1232	76	U	76	43	ug/Kg	☼	10/04/11 04:15	10/04/11 22:23	1
PCB-1242	76	U	76	14	ug/Kg	☼	10/04/11 04:15	10/04/11 22:23	1
PCB-1248	76	U	76	20	ug/Kg	☼	10/04/11 04:15	10/04/11 22:23	1
PCB-1254	76	U	76	26	ug/Kg	☼	10/04/11 04:15	10/04/11 22:23	1
PCB-1260	76	U	76	8.4	ug/Kg	☼	10/04/11 04:15	10/04/11 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		30 - 150	10/04/11 04:15	10/04/11 22:23	1
DCB Decachlorobiphenyl	76		30 - 150	10/04/11 04:15	10/04/11 22:23	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14800		42.6	15.6	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Antimony	2.1	U	2.1	0.94	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Arsenic	1.1	U	1.1	0.74	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Barium	32.5	J	42.6	1.3	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Beryllium	0.31	J	0.43	0.19	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Cadmium	1.1	U	1.1	0.17	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Calcium	195	J	1070	28.0	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Chromium	10.6		2.1	1.3	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Cobalt	11.5		10.7	1.3	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Copper	4.3	J	5.3	0.87	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Iron	14300		32.0	11.3	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Lead	9.0		1.1	0.53	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Magnesium	255	J	1070	11.3	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Manganese	135		3.2	1.2	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Nickel	6.7	J	8.5	0.57	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Potassium	197	J	1070	48.1	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Selenium	2.1	U	2.1	1.0	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Silver	2.1	U	2.1	0.16	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Sodium	111	J	1070	65.4	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Thallium	2.1	U	2.1	1.0	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Vanadium	24.7		10.7	0.55	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4
Zinc	11.8		6.4	1.0	mg/Kg	☼	10/07/11 07:43	10/07/11 23:38	4

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-076

Lab Sample ID: 460-31736-18

Date Collected: 09/26/11 15:25

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 88.6

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.037	0.025	mg/Kg	☼	10/04/11 18:00	10/04/11 21:17	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11.4		1.0	1.0	%			09/30/11 14:21	1
Percent Solids	88.6		1.0	1.0	%			09/30/11 14:21	1

Client Sample ID: SO-17338-092711-MM-077

Lab Sample ID: 460-31736-19

Date Collected: 09/27/11 10:25

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.5		1.0	1.0	%			10/12/11 16:01	1
Percent Solids	85.5		1.0	1.0	%			10/12/11 16:01	1

Client Sample ID: SO-17338-092711-MM-078

Lab Sample ID: 460-31736-20

Date Collected: 09/27/11 10:50

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15.1		1.0	1.0	%			10/12/11 16:01	1
Percent Solids	84.9		1.0	1.0	%			10/12/11 16:01	1

Client Sample ID: SO-17338-092711-MM-079

Lab Sample ID: 460-31736-21

Date Collected: 09/27/11 11:05

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.1		1.0	1.0	%			10/12/11 16:01	1
Percent Solids	85.9		1.0	1.0	%			10/12/11 16:01	1

Client Sample ID: SO-17338-092711-MM-080

Lab Sample ID: 460-31736-22

Date Collected: 09/27/11 11:25

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21.7		1.0	1.0	%			10/12/11 16:01	1
Percent Solids	78.3		1.0	1.0	%			10/12/11 16:01	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-081

Lab Sample ID: 460-31736-23

Date Collected: 09/27/11 13:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	82	U	82	23	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Chloromethane	82	U	82	17	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Vinyl chloride	82	U	82	9.8	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Bromomethane	82	U	82	26	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Chloroethane	82	U	82	36	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Trichlorofluoromethane	82	U	82	13	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,1-Dichloroethene	82	U	82	11	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,1,2-Trichloro-1,2,2-trifluoroethane	82	U	82	24	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Acetone	820	U	820	200	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Carbon disulfide	82	U	82	12	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Methyl acetate	160	U	160	27	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Methylene Chloride	82	U	82	16	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
trans-1,2-Dichloroethene	82	U	82	11	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Methyl tert-butyl ether	82	U	82	15	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,1-Dichloroethane	82	U	82	8.2	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
cis-1,2-Dichloroethene	82	U	82	16	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
2-Butanone (MEK)	820	U	820	67	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Chloroform	82	U	82	13	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,1,1-Trichloroethane	82	U	82	20	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Cyclohexane	82	U	82	10	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Carbon tetrachloride	82	U	82	15	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Benzene	82	U	82	9.7	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,2-Dichloroethane	82	U	82	20	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Trichloroethene	82	U	82	14	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Methylcyclohexane	82	U	82	6.5	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,2-Dichloropropane	82	U	82	7.1	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Dichlorobromomethane	82	U	82	7.3	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
cis-1,3-Dichloropropene	82	U	82	8.3	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
4-Methyl-2-pentanone (MIBK)	820	U	820	56	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Toluene	82	U	82	7.7	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
trans-1,3-Dichloropropene	82	U	82	10	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,1,2-Trichloroethane	82	U	82	8.0	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Tetrachloroethene	82	U	82	16	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
2-Hexanone	820	U	820	45	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Chlorodibromomethane	82	U	82	8.2	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,2-Dibromoethane	82	U	82	7.5	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Chlorobenzene	82	U	82	13	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Ethylbenzene	82	U	82	20	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Xylenes, Total	250	U	250	36	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Styrene	82	U	82	11	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Bromoform	82	U	82	8.1	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
Isopropylbenzene	82	U	82	17	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,1,2,2-Tetrachloroethane	82	U	82	7.0	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,3-Dichlorobenzene	82	U	82	18	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,4-Dichlorobenzene	82	U	82	12	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,2-Dichlorobenzene	82	U	82	13	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,2-Dibromo-3-Chloropropane	82	U	82	13	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50
1,2,4-Trichlorobenzene	82	U	82	36	ug/Kg	☼	09/29/11 17:19	10/07/11 01:33	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-081

Lab Sample ID: 460-31736-23

Date Collected: 09/27/11 13:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 83.0

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/29/11 17:19	10/07/11 01:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		57 - 135				09/29/11 17:19	10/07/11 01:33	50
4-Bromofluorobenzene	98		50 - 124				09/29/11 17:19	10/07/11 01:33	50
Toluene-d8 (Surr)	93		46 - 130				09/29/11 17:19	10/07/11 01:33	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 15:11	1
Phenol	400	U	400	49	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Bis(2-chloroethyl)ether	40	U	40	8.3	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2-Chlorophenol	400	U	400	53	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2-Methylphenol	400	U	400	57	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2,2'-oxybis[1-chloropropane]	400	U	400	52	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Acetophenone	400	U	400	59	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
4-Methylphenol	400	U	400	65	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
N-Nitrosodi-n-propylamine	40	U	40	5.2	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Hexachloroethane	40	U	40	6.7	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Nitrobenzene	40	U	40	8.9	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Isophorone	400	U	400	46	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2-Nitrophenol	400	U	400	65	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2,4-Dimethylphenol	400	U	400	64	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Bis(2-chloroethoxy)methane	400	U	400	57	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2,4-Dichlorophenol	400	U	400	64	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Naphthalene	400	U	400	58	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
4-Chloroaniline	400	U	400	50	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Hexachlorobutadiene	80	U	80	16	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Caprolactam	400	U	400	55	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
4-Chloro-3-methylphenol	400	U	400	67	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2-Methylnaphthalene	400	U	400	58	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Hexachlorocyclopentadiene	400	U	400	120	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2,4,6-Trichlorophenol	400	U	400	71	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2,4,5-Trichlorophenol	400	U	400	77	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
1,1'-Biphenyl	400	U	400	65	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2-Chloronaphthalene	400	U	400	56	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2-Nitroaniline	800	U	800	110	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Dimethyl phthalate	400	U	400	54	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2,6-Dinitrotoluene	80	U	80	10	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Acenaphthylene	400	U	400	57	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
3-Nitroaniline	800	U	800	90	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Acenaphthene	400	U	400	57	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2,4-Dinitrophenol	1200	U	1200	84	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
4-Nitrophenol	1200	U	1200	100	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Dibenzofuran	400	U	400	60	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
2,4-Dinitrotoluene	80	U	80	12	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Diethyl phthalate	400	U	400	53	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Fluorene	400	U	400	67	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
4-Chlorophenyl phenyl ether	400	U	400	68	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
4-Nitroaniline	800	U	800	82	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
4,6-Dinitro-2-methylphenol	1200	U	1200	190	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-081

Lab Sample ID: 460-31736-23

Date Collected: 09/27/11 13:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	400	U	400	65	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
4-Bromophenyl phenyl ether	400	U	400	71	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Hexachlorobenzene	40	U	40	5.5	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Atrazine	400	U	400	74	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Pentachlorophenol	1200	U	1200	190	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Phenanthrene	400	U	400	69	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Anthracene	400	U	400	70	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Carbazole	400	U	400	63	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Di-n-butyl phthalate	400	U	400	61	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Fluoranthene	120	J	400	66	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Pyrene	120	J	400	69	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Butyl benzyl phthalate	170	J	400	46	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
3,3'-Dichlorobenzidine	800	U	800	88	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Benzo[a]anthracene	40	U	40	7.4	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Chrysene	70	J	400	58	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Bis(2-ethylhexyl) phthalate	400	U	400	53	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Di-n-octyl phthalate	400	U	400	47	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Benzo[b]fluoranthene	66		40	5.9	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Benzo[k]fluoranthene	40	U	40	5.6	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Benzo[a]pyrene	52		40	4.9	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Indeno[1,2,3-cd]pyrene	36	J	40	6.4	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Dibenz(a,h)anthracene	40	U	40	4.8	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1
Benzo[g,h,i]perylene	400	U	400	42	ug/Kg	☼	10/08/11 16:15	10/13/11 15:11	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Phthalate	380	J	ug/Kg	☼	10.60		10/08/11 16:15	10/13/11 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		10 - 120	10/08/11 16:15	10/13/11 15:11	1
2-Fluorobiphenyl	75		40 - 109	10/08/11 16:15	10/13/11 15:11	1
2-Fluorophenol (Surr)	69		37 - 125	10/08/11 16:15	10/13/11 15:11	1
Nitrobenzene-d5 (Surr)	73		38 - 105	10/08/11 16:15	10/13/11 15:11	1
Phenol-d5 (Surr)	69		41 - 118	10/08/11 16:15	10/13/11 15:11	1
Terphenyl-d14 (Surr)	86		16 - 151	10/08/11 16:15	10/13/11 15:11	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	10/12/11 08:38	1
beta-BHC	8.1	U	8.1	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
delta-BHC	8.1	U	8.1	1.2	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
gamma-BHC (Lindane)	8.1	U	8.1	0.94	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Heptachlor	8.1	U	8.1	1.2	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Aldrin	8.1	U	8.1	1.8	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Heptachlor epoxide	8.1	U	8.1	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Endosulfan I	8.1	U	8.1	1.7	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Dieldrin	8.1	U	8.1	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
4,4'-DDE	8.1	U	8.1	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Endrin	8.1	U	8.1	1.1	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Endosulfan II	8.1	U	8.1	1.2	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
4,4'-DDD	8.1	U	8.1	0.96	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Endosulfan sulfate	8.1	U	8.1	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-081

Lab Sample ID: 460-31736-23

Date Collected: 09/27/11 13:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	8.1	U	8.1	1.0	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Methoxychlor	8.1	U	8.1	0.90	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Endrin ketone	8.1	U	8.1	1.2	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Endrin aldehyde	21		8.1	2.0	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
alpha-Chlordane	8.1	U	8.1	1.7	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
gamma-Chlordane	8.1	U	8.1	1.6	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Toxaphene	81	U	81	17	ug/Kg	☼	10/07/11 03:03	10/12/11 08:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122		53 - 150				10/07/11 03:03	10/12/11 08:38	1
DCB Decachlorobiphenyl	87		53 - 150				10/07/11 03:03	10/12/11 08:38	1
Tetrachloro-m-xylene	74		40 - 150				10/07/11 03:03	10/12/11 08:38	1
Tetrachloro-m-xylene	73		40 - 150				10/07/11 03:03	10/12/11 08:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	81	U	81	15	ug/Kg	☼	10/11/11 03:23	10/11/11 18:40	1
PCB-1221	81	U	81	24	ug/Kg	☼	10/11/11 03:23	10/11/11 18:40	1
PCB-1232	81	U	81	46	ug/Kg	☼	10/11/11 03:23	10/11/11 18:40	1
PCB-1242	81	U	81	15	ug/Kg	☼	10/11/11 03:23	10/11/11 18:40	1
PCB-1248	81	U	81	21	ug/Kg	☼	10/11/11 03:23	10/11/11 18:40	1
PCB-1254	81	U	81	28	ug/Kg	☼	10/11/11 03:23	10/11/11 18:40	1
PCB-1260	81	U	81	9.0	ug/Kg	☼	10/11/11 03:23	10/11/11 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		30 - 150				10/11/11 03:23	10/11/11 18:40	1
DCB Decachlorobiphenyl	88		30 - 150				10/11/11 03:23	10/11/11 18:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11800		44.2	16.2	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Antimony	3.6		2.2	0.97	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Arsenic	4.7		1.1	0.77	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Barium	230		44.2	1.3	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Beryllium	0.57		0.44	0.19	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Cadmium	0.52	J	1.1	0.17	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Calcium	1410		1100	29.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Chromium	18.0		2.2	1.3	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Cobalt	5.0	J	11.0	1.4	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Copper	10.6		5.5	0.90	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Iron	17900		33.1	11.7	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Lead	127		1.1	0.55	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Magnesium	1450		1100	11.7	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Manganese	655		3.3	1.2	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Nickel	7.9	J	8.8	0.59	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Potassium	463	J	1100	49.9	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Selenium	2.2	U	2.2	1.0	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Silver	2.2	U	2.2	0.17	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Sodium	230	J	1100	67.8	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Thallium	2.2	U	2.2	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4
Vanadium	26.2		11.0	0.57	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-081

Lab Sample ID: 460-31736-23

Date Collected: 09/27/11 13:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	71.4		6.6	1.1	mg/Kg	☼	10/08/11 18:54	10/09/11 03:19	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.068		0.038	0.026	mg/Kg	☼	10/07/11 18:00	10/07/11 21:52	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17.0		1.0	1.0	%			10/11/11 13:33	1
Percent Solids	83.0		1.0	1.0	%			10/11/11 13:33	1

Client Sample ID: SO-17338-092711-MM-082

Lab Sample ID: 460-31736-24

Date Collected: 09/27/11 13:10

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.9		1.0	1.0	%			10/12/11 16:01	1
Percent Solids	89.1		1.0	1.0	%			10/12/11 16:01	1

Client Sample ID: SO-17338-092711-MM-083

Lab Sample ID: 460-31736-25

Date Collected: 09/27/11 13:30

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.6		1.0	1.0	%			10/12/11 16:01	1
Percent Solids	89.4		1.0	1.0	%			10/12/11 16:01	1

Client Sample ID: SO-17338-092711-MM-084

Lab Sample ID: 460-31736-26

Date Collected: 09/27/11 13:45

Matrix: Solid

Date Received: 09/28/11 20:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19.1		1.0	1.0	%			10/12/11 16:01	1
Percent Solids	80.9		1.0	1.0	%			10/12/11 16:01	1

Client Sample ID: SO-17338-092711-MM-085

Lab Sample ID: 460-31736-27

Date Collected: 09/27/11 14:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 76.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	120	U	120	33	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Chloromethane	120	U	120	25	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Vinyl chloride	120	U	120	14	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Bromomethane	120	U	120	37	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-085

Lab Sample ID: 460-31736-27

Date Collected: 09/27/11 14:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 76.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	120	U	120	52	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Trichlorofluoromethane	120	U	120	18	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,1-Dichloroethene	120	U	120	17	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,1,2-Trichloro-1,2,2-trifluoroethane	120	U	120	34	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Acetone	1200	U	1200	290	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Carbon disulfide	120	U	120	17	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Methyl acetate	240	U	240	39	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Methylene Chloride	120	U	120	23	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
trans-1,2-Dichloroethene	120	U	120	16	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Methyl tert-butyl ether	120	U	120	22	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,1-Dichloroethane	120	U	120	12	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
cis-1,2-Dichloroethene	120	U	120	23	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
2-Butanone (MEK)	1200	U	1200	96	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Chloroform	120	U	120	18	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,1,1-Trichloroethane	120	U	120	29	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Cyclohexane	1100		120	15	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Carbon tetrachloride	120	U	120	21	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Benzene	750		120	14	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,2-Dichloroethane	120	U	120	29	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Trichloroethene	120	U	120	21	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Methylcyclohexane	13000		120	9.4	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,2-Dichloropropane	120	U	120	10	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Dichlorobromomethane	120	U	120	11	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
cis-1,3-Dichloropropene	120	U	120	12	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
4-Methyl-2-pentanone (MIBK)	1200	U	1200	80	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Toluene	12000		120	11	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
trans-1,3-Dichloropropene	120	U	120	14	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,1,2-Trichloroethane	120	U	120	11	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Tetrachloroethene	120	U	120	23	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
2-Hexanone	1200	U	1200	64	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Chlorodibromomethane	120	U	120	12	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,2-Dibromoethane	120	U	120	11	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Chlorobenzene	120	U	120	19	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Ethylbenzene	22000		120	29	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Xylenes, Total	100000		350	51	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Styrene	120	U	120	16	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Bromoform	120	U	120	12	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
Isopropylbenzene	3100		120	25	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,1,2,2-Tetrachloroethane	120	U	120	10	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,3-Dichlorobenzene	140		120	26	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,4-Dichlorobenzene	5100		120	18	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,2-Dichlorobenzene	120	U	120	19	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,2-Dibromo-3-Chloropropane	120	U	120	18	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50
1,2,4-Trichlorobenzene	920		120	51	ug/Kg	☼	09/29/11 17:22	10/10/11 21:34	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C8H18 Alkane	33000	J	ug/Kg	☼	9.17		09/29/11 17:22	10/10/11 21:34	50
C8H18 Alkane-1	26000	J	ug/Kg	☼	9.34		09/29/11 17:22	10/10/11 21:34	50
C8H18 Alkane	80000	J	ug/Kg	☼	9.83		09/29/11 17:22	10/10/11 21:34	50
C9H20 Alkane-1	24000	J	ug/Kg	☼	10.50		09/29/11 17:22	10/10/11 21:34	50

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-085

Lab Sample ID: 460-31736-27

Date Collected: 09/27/11 14:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 76.1

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C9H18 Cycloalkane	31000	J	ug/Kg	☼	10.73		09/29/11 17:22	10/10/11 21:34	50
C9H20 Alkane-2	77000	J	ug/Kg	☼	10.95		09/29/11 17:22	10/10/11 21:34	50
C9H20 Alkane-3	43000	J	ug/Kg	☼	11.08		09/29/11 17:22	10/10/11 21:34	50
1,2,4-Trimethylbenzene	49000		ug/Kg	☼	13.29	95-63-6	09/29/11 17:22	10/10/11 21:34	50
C11H24 Alkane-1	23000	J	ug/Kg	☼	14.08		09/29/11 17:22	10/10/11 21:34	50
Naphthalene	110000	E	ug/Kg	☼	16.78	91-20-3	09/29/11 17:22	10/10/11 21:34	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		57 - 135				09/29/11 17:22	10/10/11 21:34	50
4-Bromofluorobenzene	88		50 - 124				09/29/11 17:22	10/10/11 21:34	50
Toluene-d8 (Surr)	119		46 - 130				09/29/11 17:22	10/10/11 21:34	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	8700	U	8700	540	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Phenol	8700	U	8700	1100	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Bis(2-chloroethyl)ether	870	U	870	180	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2-Chlorophenol	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2-Methylphenol	8700	U	8700	1300	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2,2'-oxybis[1-chloropropane]	8700	U	8700	1100	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Acetophenone	8700	U	8700	1300	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
4-Methylphenol	8700	U	8700	1400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
N-Nitrosodi-n-propylamine	870	U	870	110	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Hexachloroethane	870	U	870	150	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Nitrobenzene	870	U	870	190	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Isophorone	8700	U	8700	1000	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2-Nitrophenol	8700	U	8700	1400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2,4-Dimethylphenol	8700	U	8700	1400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Bis(2-chloroethoxy)methane	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2,4-Dichlorophenol	8700	U	8700	1400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Naphthalene	22000	D	8700	1300	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
4-Chloroaniline	8700	U	8700	1100	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Hexachlorobutadiene	1800	U	1800	350	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Caprolactam	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
4-Chloro-3-methylphenol	8700	U	8700	1500	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2-Methylnaphthalene	4200	J D	8700	1300	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Hexachlorocyclopentadiene	8700	U	8700	2500	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2,4,6-Trichlorophenol	8700	U	8700	1600	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2,4,5-Trichlorophenol	8700	U	8700	1700	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
1,1'-Biphenyl	8700	U	8700	1400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2-Chloronaphthalene	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2-Nitroaniline	18000	U	18000	2400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Dimethyl phthalate	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2,6-Dinitrotoluene	1800	U	1800	220	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Acenaphthylene	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
3-Nitroaniline	18000	U	18000	2000	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Acenaphthene	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
2,4-Dinitrophenol	26000	U	26000	1800	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
4-Nitrophenol	26000	U	26000	2200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Dibenzofuran	8700	U	8700	1300	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-085

Lab Sample ID: 460-31736-27

Date Collected: 09/27/11 14:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 76.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	1800	U	1800	250	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Diethyl phthalate	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Fluorene	8700	U	8700	1500	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
4-Chlorophenyl phenyl ether	8700	U	8700	1500	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
4-Nitroaniline	18000	U	18000	1800	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
4,6-Dinitro-2-methylphenol	26000	U	26000	4200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
N-Nitrosodiphenylamine	8700	U	8700	1400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
4-Bromophenyl phenyl ether	8700	U	8700	1500	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Hexachlorobenzene	870	U	870	120	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Atrazine	8700	U	8700	1600	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Pentachlorophenol	26000	U	26000	4300	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Phenanthrene	8700	U	8700	1500	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Anthracene	8700	U	8700	1500	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Carbazole	8700	U	8700	1400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Di-n-butyl phthalate	150000	D	8700	1300	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Fluoranthene	8700	U	8700	1400	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Pyrene	8700	U	8700	1500	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Butyl benzyl phthalate	8700	U	8700	1000	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
3,3'-Dichlorobenzidine	18000	U	18000	1900	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Benzo[a]anthracene	870	U	870	160	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Chrysene	8700	U	8700	1300	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Bis(2-ethylhexyl) phthalate	8700	U	8700	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Di-n-octyl phthalate	8700	U	8700	1000	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Benzo[b]fluoranthene	870	U	870	130	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Benzo[k]fluoranthene	870	U	870	120	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Benzo[a]pyrene	870	U	870	110	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Indeno[1,2,3-cd]pyrene	870	U	870	140	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Dibenz(a,h)anthracene	870	U	870	100	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20
Benzo[g,h,i]perylene	8700	U	8700	920	ug/Kg	☼	10/04/11 21:50	10/08/11 21:42	20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Heptanoic acid	20000	D J N	ug/Kg	☼	1.72	111-14-8	10/04/11 21:50	10/08/11 21:42	20
Xylene isomer	25000	D J	ug/Kg	☼	2.36		10/04/11 21:50	10/08/11 21:42	20
Trimethylbenzene isomer-1	25000	D J	ug/Kg	☼	3.57		10/04/11 21:50	10/08/11 21:42	20
n-Decane	21000	D	ug/Kg	☼	3.62	124-18-5	10/04/11 21:50	10/08/11 21:42	20
Trimethylbenzene isomer-2	22000	D J	ug/Kg	☼	3.83		10/04/11 21:50	10/08/11 21:42	20
Ethylmethylbenzene isomer	20000	D J	ug/Kg	☼	4.14		10/04/11 21:50	10/08/11 21:42	20
Unknown Alkane-1	36000	D J	ug/Kg	☼	4.50		10/04/11 21:50	10/08/11 21:42	20
Unknown Alkane-2	24000	D J	ug/Kg	☼	7.96		10/04/11 21:50	10/08/11 21:42	20
Unknown Phthalate	28000	D J	ug/Kg	☼	8.72		10/04/11 21:50	10/08/11 21:42	20
Unknown-1	58000	D J	ug/Kg	☼	8.94		10/04/11 21:50	10/08/11 21:42	20
n-Hexadecanoic acid	160000	D J N	ug/Kg	☼	9.08	57-10-3	10/04/11 21:50	10/08/11 21:42	20
9,12-Octadecadienoic acid (Z,Z)-	1700000	D J N	ug/Kg	☼	9.78	60-33-3	10/04/11 21:50	10/08/11 21:42	20
Unknown-2	890000	D J	ug/Kg	☼	9.81		10/04/11 21:50	10/08/11 21:42	20
Octadecanoic acid	140000	D J N	ug/Kg	☼	9.85	57-11-4	10/04/11 21:50	10/08/11 21:42	20
Unknown-3	39000	D J	ug/Kg	☼	9.91		10/04/11 21:50	10/08/11 21:42	20
Unknown-4	80000	D J	ug/Kg	☼	10.50		10/04/11 21:50	10/08/11 21:42	20
Unknown-5	71000	D J	ug/Kg	☼	10.52		10/04/11 21:50	10/08/11 21:42	20
Unknown-6	61000	D J	ug/Kg	☼	10.89		10/04/11 21:50	10/08/11 21:42	20
9,12-Octadecadienoic acid (Z,Z)-, 2,3-di	250000	D J N	ug/Kg	☼	11.73	2277-28-3	10/04/11 21:50	10/08/11 21:42	20

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-085

Lab Sample ID: 460-31736-27

Date Collected: 09/27/11 14:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 76.1

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown-7	64000	D J	ug/Kg	☼	12.57		10/04/11 21:50	10/08/11 21:42	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	0	D	10 - 120				10/04/11 21:50	10/08/11 21:42	20
2-Fluorobiphenyl	0	D	40 - 109				10/04/11 21:50	10/08/11 21:42	20
2-Fluorophenol (Surr)	0	D	37 - 125				10/04/11 21:50	10/08/11 21:42	20
Nitrobenzene-d5 (Surr)	0	D	38 - 105				10/04/11 21:50	10/08/11 21:42	20
Phenol-d5 (Surr)	0	D	41 - 118				10/04/11 21:50	10/08/11 21:42	20
Terphenyl-d14 (Surr)	0	D	16 - 151				10/04/11 21:50	10/08/11 21:42	20

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	8.8	U	8.8	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
beta-BHC	8.8	U	8.8	1.2	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
delta-BHC	8.8	U	8.8	1.3	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
gamma-BHC (Lindane)	8.8	U	8.8	1.0	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Heptachlor	8.8	U	8.8	1.3	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Aldrin	8.8	U	8.8	1.9	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Heptachlor epoxide	8.8	U	8.8	1.8	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Endosulfan I	8.8	U	8.8	1.9	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Dieldrin	8.8	U	8.8	1.7	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
4,4'-DDE	8.8	U	8.8	1.7	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Endrin	8.8	U	8.8	1.2	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Endosulfan II	8.8	U	8.8	1.3	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
4,4'-DDD	8.8	U	8.8	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Endosulfan sulfate	8.8	U	8.8	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
4,4'-DDT	8.8	U	8.8	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Methoxychlor	8.8	U	8.8	0.98	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Endrin ketone	8.8	U	8.8	1.3	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Endrin aldehyde	8.8	U	8.8	2.2	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
alpha-Chlordane	8.8	U	8.8	1.9	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
gamma-Chlordane	8.8	U	8.8	1.8	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Toxaphene	88	U	88	18	ug/Kg	☼	10/04/11 04:38	10/06/11 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	463	E X	53 - 150				10/04/11 04:38	10/06/11 14:41	1
DCB Decachlorobiphenyl	482	E X	53 - 150				10/04/11 04:38	10/06/11 14:41	1
Tetrachloro-m-xylene	52		40 - 150				10/04/11 04:38	10/06/11 14:41	1
Tetrachloro-m-xylene	60		40 - 150				10/04/11 04:38	10/06/11 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	88	U	88	17	ug/Kg	☼	10/04/11 04:15	10/04/11 22:39	1
PCB-1221	88	U	88	27	ug/Kg	☼	10/04/11 04:15	10/04/11 22:39	1
PCB-1232	88	U	88	50	ug/Kg	☼	10/04/11 04:15	10/04/11 22:39	1
PCB-1242	88	U	88	17	ug/Kg	☼	10/04/11 04:15	10/04/11 22:39	1
PCB-1248	88	U	88	23	ug/Kg	☼	10/04/11 04:15	10/04/11 22:39	1
PCB-1254	88	U	88	30	ug/Kg	☼	10/04/11 04:15	10/04/11 22:39	1
PCB-1260	88	U	88	9.8	ug/Kg	☼	10/04/11 04:15	10/04/11 22:39	1

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-085

Lab Sample ID: 460-31736-27

Date Collected: 09/27/11 14:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 76.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	365	X	30 - 150	10/04/11 04:15	10/04/11 22:39	1
DCB Decachlorobiphenyl	431	E X	30 - 150	10/04/11 04:15	10/04/11 22:39	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12300		50.1	18.3	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Antimony	18.0		2.5	1.1	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Arsenic	10.1		1.3	0.87	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Barium	10100		626	18.9	mg/Kg	☼	10/06/11 07:42	10/07/11 11:57	50
Beryllium	0.47	J	0.50	0.22	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Cadmium	77.6		1.3	0.20	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Calcium	15000		1250	32.9	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Chromium	43.6		2.5	1.5	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Cobalt	7.0	J	12.5	1.5	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Copper	25.7		6.3	1.0	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Iron	34600		37.6	13.3	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Lead	1140		1.3	0.63	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Magnesium	2020		1250	13.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Manganese	359		3.8	1.4	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Nickel	18.0		10.0	0.67	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Potassium	515	J	1250	56.5	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Selenium	14.9		2.5	1.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Silver	2.5	U	2.5	0.19	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Sodium	932	J	1250	76.9	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Thallium	2.5	U	2.5	1.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Vanadium	26.9		12.5	0.65	mg/Kg	☼	10/06/11 07:42	10/07/11 02:28	4
Zinc	10200		93.9	15.3	mg/Kg	☼	10/06/11 07:42	10/07/11 11:57	50

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.067		0.043	0.029	mg/Kg	☼	10/04/11 18:00	10/04/11 21:45	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	23.9		1.0	1.0	%			09/30/11 14:21	1
Percent Solids	76.1		1.0	1.0	%			09/30/11 14:21	1

Client Sample ID: SO-17338-092711-MM-086

Lab Sample ID: 460-31736-28

Date Collected: 09/27/11 14:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 79.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	410	U	410	120	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Chloromethane	410	U	410	85	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Vinyl chloride	410	U	410	49	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Bromomethane	410	U	410	130	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Chloroethane	410	U	410	180	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Trichlorofluoromethane	410	U	410	64	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,1-Dichloroethene	410	U	410	57	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,1,2-Trichloro-1,2,2-trifluoroethane	410	U	410	120	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-086

Lab Sample ID: 460-31736-28

Date Collected: 09/27/11 14:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 79.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4100	U	4100	1000	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Carbon disulfide	410	U	410	59	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Methyl acetate	810	U	810	130	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Methylene Chloride	410	U	410	78	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
trans-1,2-Dichloroethene	410	U	410	56	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Methyl tert-butyl ether	410	U	410	75	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,1-Dichloroethane	410	U	410	41	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
cis-1,2-Dichloroethene	640		410	78	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
2-Butanone (MEK)	4100	U	4100	330	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Chloroform	410	U	410	63	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,1,1-Trichloroethane	410	U	410	100	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Cyclohexane	5200		410	50	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Carbon tetrachloride	410	U	410	73	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Benzene	1000		410	48	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,2-Dichloroethane	410	U	410	100	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Trichloroethene	510		410	72	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Methylcyclohexane	48000		410	33	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,2-Dichloropropane	410	U	410	35	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Dichlorobromomethane	410	U	410	36	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
cis-1,3-Dichloropropene	410	U	410	41	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
4-Methyl-2-pentanone (MIBK)	4100	U	4100	280	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Toluene	22000		410	38	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
trans-1,3-Dichloropropene	410	U	410	50	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,1,2-Trichloroethane	410	U	410	40	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Tetrachloroethene	410	U	410	80	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
2-Hexanone	4100	U	4100	220	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Chlorodibromomethane	410	U	410	41	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,2-Dibromoethane	410	U	410	37	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Chlorobenzene	410	U	410	67	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Ethylbenzene	46000		410	100	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Xylenes, Total	220000		1200	180	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Styrene	410	U	410	56	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Bromoform	410	U	410	40	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
Isopropylbenzene	7900		410	86	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,1,1,2-Tetrachloroethane	410	U	410	35	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,3-Dichlorobenzene	410	U	410	91	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,4-Dichlorobenzene	410	U	410	61	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,2-Dichlorobenzene	410	U	410	66	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,2-Dibromo-3-Chloropropane	410	U	410	62	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200
1,2,4-Trichlorobenzene	410	U	410	180	ug/Kg	☼	09/29/11 17:23	10/07/11 05:31	200

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C8H18 Alkane	62000	J	ug/Kg	☼	9.17		09/29/11 17:23	10/07/11 05:31	200
C8H18 Alkane-2	160000	J	ug/Kg	☼	9.82		09/29/11 17:23	10/07/11 05:31	200
C9H18 Cycloalkane	120000	J	ug/Kg	☼	10.72		09/29/11 17:23	10/07/11 05:31	200
C9H20 Alkane-2	46000	J	ug/Kg	☼	10.86		09/29/11 17:23	10/07/11 05:31	200
C9H20 Alkane-3	150000	J	ug/Kg	☼	10.94		09/29/11 17:23	10/07/11 05:31	200
C9H20 Alkane-4	75000	J	ug/Kg	☼	11.07		09/29/11 17:23	10/07/11 05:31	200
C10H20 Cycloalkane	110000	J	ug/Kg	☼	12.13		09/29/11 17:23	10/07/11 05:31	200
C10H22 Alkane	100000	J	ug/Kg	☼	12.34		09/29/11 17:23	10/07/11 05:31	200

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-086

Lab Sample ID: 460-31736-28

Date Collected: 09/27/11 14:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 79.7

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C10H22 Alkane	130000	J	ug/Kg	☼	12.80		09/29/11 17:23	10/07/11 05:31	200
1,2,4-Trimethylbenzene	88000		ug/Kg	☼	13.28	95-63-6	09/29/11 17:23	10/07/11 05:31	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		57 - 135				09/29/11 17:23	10/07/11 05:31	200
4-Bromofluorobenzene	94		50 - 124				09/29/11 17:23	10/07/11 05:31	200
Toluene-d8 (Surr)	150	X	46 - 130				09/29/11 17:23	10/07/11 05:31	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	4100	U	4100	260	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Phenol	4100	U	4100	510	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Bis(2-chloroethyl)ether	410	U	410	86	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2-Chlorophenol	4100	U	4100	550	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2-Methylphenol	4100	U	4100	600	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2,2'-oxybis[1-chloropropane]	4100	U	4100	540	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Acetophenone	4100	U	4100	620	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
4-Methylphenol	4100	U	4100	680	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
N-Nitrosodi-n-propylamine	410	U	410	55	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Hexachloroethane	410	U	410	70	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Nitrobenzene	410	U	410	93	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Isophorone	4100	U	4100	480	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2-Nitrophenol	4100	U	4100	680	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2,4-Dimethylphenol	4100	U	4100	670	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Bis(2-chloroethoxy)methane	4100	U	4100	590	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2,4-Dichlorophenol	4100	U	4100	670	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Naphthalene	6300	D	4100	610	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
4-Chloroaniline	4100	U	4100	520	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Hexachlorobutadiene	840	U	840	170	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Caprolactam	4100	U	4100	570	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
4-Chloro-3-methylphenol	4100	U	4100	700	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2-Methylnaphthalene	1400	J D	4100	610	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Hexachlorocyclopentadiene	4100	U	4100	1200	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2,4,6-Trichlorophenol	4100	U	4100	740	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2,4,5-Trichlorophenol	4100	U	4100	800	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
1,1'-Biphenyl	4100	U	4100	680	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2-Chloronaphthalene	4100	U	4100	590	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2-Nitroaniline	8400	U	8400	1100	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Dimethyl phthalate	4100	U	4100	560	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2,6-Dinitrotoluene	840	U	840	110	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Acenaphthylene	4100	U	4100	590	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
3-Nitroaniline	8400	U	8400	940	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Acenaphthene	4100	U	4100	590	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2,4-Dinitrophenol	13000	U	13000	880	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
4-Nitrophenol	13000	U	13000	1100	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Dibenzofuran	4100	U	4100	620	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
2,4-Dinitrotoluene	840	U	840	120	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Diethyl phthalate	4100	U	4100	560	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Fluorene	4100	U	4100	700	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
4-Chlorophenyl phenyl ether	4100	U	4100	710	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-086

Lab Sample ID: 460-31736-28

Date Collected: 09/27/11 14:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 79.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	8400	U	8400	860	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
4,6-Dinitro-2-methylphenol	13000	U	13000	2000	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
N-Nitrosodiphenylamine	4100	U	4100	680	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
4-Bromophenyl phenyl ether	4100	U	4100	740	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Hexachlorobenzene	410	U	410	58	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Atrazine	4100	U	4100	770	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Pentachlorophenol	13000	U	13000	2000	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Phenanthrene	4100	U	4100	720	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Anthracene	4100	U	4100	730	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Carbazole	4100	U	4100	660	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Di-n-butyl phthalate	57000	D	4100	640	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Fluoranthene	4100	U	4100	690	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Pyrene	4100	U	4100	720	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Butyl benzyl phthalate	4100	U	4100	480	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
3,3'-Dichlorobenzidine	8400	U	8400	920	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Benzo[a]anthracene	410	U	410	77	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Chrysene	4100	U	4100	600	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Bis(2-ethylhexyl) phthalate	4100	U	4100	550	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Di-n-octyl phthalate	4100	U	4100	490	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Benzo[b]fluoranthene	410	U	410	62	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Benzo[k]fluoranthene	410	U	410	58	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Benzo[a]pyrene	410	U	410	51	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Indeno[1,2,3-cd]pyrene	410	U	410	66	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Dibenz[a,h]anthracene	410	U	410	50	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10
Benzo[g,h,i]perylene	4100	U	4100	440	ug/Kg	☼	10/04/11 21:50	10/08/11 21:16	10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butanoic acid	5800	D J N	ug/Kg	☼	1.67	107-92-6	10/04/11 21:50	10/08/11 21:16	10
Trimethylbenzene isomer-1	6900	D J	ug/Kg	☼	3.57		10/04/11 21:50	10/08/11 21:16	10
n-Decane	4300	D	ug/Kg	☼	3.62	124-18-5	10/04/11 21:50	10/08/11 21:16	10
Trimethylbenzene isomer-2	5800	D J	ug/Kg	☼	3.83		10/04/11 21:50	10/08/11 21:16	10
Ethylmethylbenzene isomer-1	6100	D J	ug/Kg	☼	4.14		10/04/11 21:50	10/08/11 21:16	10
Ethylmethylbenzene isomer-2	6400	D J	ug/Kg	☼	4.38		10/04/11 21:50	10/08/11 21:16	10
Unknown Alkane-1	11000	D J	ug/Kg	☼	4.50		10/04/11 21:50	10/08/11 21:16	10
Tetramethylbenzene isomer	6300	D J	ug/Kg	☼	4.91		10/04/11 21:50	10/08/11 21:16	10
Tetrahydronaphthalene isomer	4800	D J	ug/Kg	☼	5.00		10/04/11 21:50	10/08/11 21:16	10
Unknown Alkane-2	5200	D J	ug/Kg	☼	5.24		10/04/11 21:50	10/08/11 21:16	10
Phthalic anhydride	49000	D J N	ug/Kg	☼	5.99	85-44-9	10/04/11 21:50	10/08/11 21:16	10
Unknown Alkane-3	5600	D J	ug/Kg	☼	6.46		10/04/11 21:50	10/08/11 21:16	10
Unknown Alkane-4	6100	D J	ug/Kg	☼	6.99		10/04/11 21:50	10/08/11 21:16	10
Unknown Alkane-5	4500	D J	ug/Kg	☼	7.49		10/04/11 21:50	10/08/11 21:16	10
Unknown Alkane-6	7200	D J	ug/Kg	☼	7.95		10/04/11 21:50	10/08/11 21:16	10
9,12-Octadecadienoic acid (Z,Z)-	310000	D J N	ug/Kg	☼	9.76	60-33-3	10/04/11 21:50	10/08/11 21:16	10
Oleic Acid	220000	D J N	ug/Kg	☼	9.78	112-80-1	10/04/11 21:50	10/08/11 21:16	10
Octadecanoic acid	27000	D J N	ug/Kg	☼	9.84	57-11-4	10/04/11 21:50	10/08/11 21:16	10
Unknown	33000	D J	ug/Kg	☼	10.52		10/04/11 21:50	10/08/11 21:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	0	D	10 - 120	10/04/11 21:50	10/08/11 21:16	10
2-Fluorobiphenyl	0	D	40 - 109	10/04/11 21:50	10/08/11 21:16	10
2-Fluorophenol (Surr)	0	D	37 - 125	10/04/11 21:50	10/08/11 21:16	10

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-086

Lab Sample ID: 460-31736-28

Date Collected: 09/27/11 14:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 79.7

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	D	38 - 105	10/04/11 21:50	10/08/11 21:16	10
Phenol-d5 (Surr)	0	D	41 - 118	10/04/11 21:50	10/08/11 21:16	10
Terphenyl-d14 (Surr)	0	D	16 - 151	10/04/11 21:50	10/08/11 21:16	10

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	8.4	U	8.4	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
beta-BHC	8.4	U	8.4	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
delta-BHC	8.4	U	8.4	1.3	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
gamma-BHC (Lindane)	8.4	U	8.4	0.98	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Heptachlor	8.4	U	8.4	1.2	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Aldrin	8.4	U	8.4	1.8	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Heptachlor epoxide	8.4	U	8.4	1.7	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Endosulfan I	8.4	U	8.4	1.8	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Dieldrin	8.4	U	8.4	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
4,4'-DDE	8.4	U	8.4	1.6	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Endrin	8.4	U	8.4	1.2	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Endosulfan II	8.4	U	8.4	1.3	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
4,4'-DDD	8.4	U	8.4	1.0	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Endosulfan sulfate	8.4	U	8.4	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
4,4'-DDT	8.4	U	8.4	1.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Methoxychlor	8.4	U	8.4	0.94	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Endrin ketone	8.4	U	8.4	1.2	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Endrin aldehyde	8.4	U	8.4	2.1	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
alpha-Chlordane	8.4	U	8.4	1.8	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
gamma-Chlordane	8.4	U	8.4	1.7	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1
Toxaphene	84	U	84	18	ug/Kg	☼	10/04/11 04:38	10/06/11 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	172	X	53 - 150	10/04/11 04:38	10/06/11 14:55	1
DCB Decachlorobiphenyl	172	X	53 - 150	10/04/11 04:38	10/06/11 14:55	1
Tetrachloro-m-xylene	40		40 - 150	10/04/11 04:38	10/06/11 14:55	1
Tetrachloro-m-xylene	42		40 - 150	10/04/11 04:38	10/06/11 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	84	U	84	16	ug/Kg	☼	10/04/11 04:15	10/04/11 22:55	1
PCB-1221	84	U	84	25	ug/Kg	☼	10/04/11 04:15	10/04/11 22:55	1
PCB-1232	84	U	84	48	ug/Kg	☼	10/04/11 04:15	10/04/11 22:55	1
PCB-1242	84	U	84	16	ug/Kg	☼	10/04/11 04:15	10/04/11 22:55	1
PCB-1248	84	U	84	22	ug/Kg	☼	10/04/11 04:15	10/04/11 22:55	1
PCB-1254	84	U	84	29	ug/Kg	☼	10/04/11 04:15	10/04/11 22:55	1
PCB-1260	84	U	84	9.4	ug/Kg	☼	10/04/11 04:15	10/04/11 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	141		30 - 150	10/04/11 04:15	10/04/11 22:55	1
DCB Decachlorobiphenyl	170	X	30 - 150	10/04/11 04:15	10/04/11 22:55	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		49.7	18.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4

Client Sample Results

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-086

Lab Sample ID: 460-31736-28

Date Collected: 09/27/11 14:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 79.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.5	U	2.5	1.1	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Arsenic	3.5		1.2	0.87	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Barium	5260		621	18.8	mg/Kg	☼	10/06/11 07:42	10/07/11 12:01	50
Beryllium	0.48	J	0.50	0.22	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Cadmium	7.6		1.2	0.19	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Calcium	2440		1240	32.7	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Chromium	29.5		2.5	1.5	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Cobalt	8.2	J	12.4	1.5	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Copper	10.7		6.2	1.0	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Iron	17000		37.3	13.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Lead	48.3		1.2	0.62	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Magnesium	2460		1240	13.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Manganese	100		3.7	1.4	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Nickel	16.1		9.9	0.67	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Potassium	571	J	1240	56.1	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Selenium	2.5	U	2.5	1.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Silver	2.5	U	2.5	0.19	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Sodium	483	J	1240	76.3	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Thallium	2.5	U	2.5	1.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Vanadium	25.5		12.4	0.65	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4
Zinc	665		7.5	1.2	mg/Kg	☼	10/06/11 07:42	10/07/11 02:32	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	U	0.039	0.026	mg/Kg	☼	10/04/11 18:00	10/04/11 21:47	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20.3		1.0	1.0	%			09/30/11 14:21	1
Percent Solids	79.7		1.0	1.0	%			09/30/11 14:21	1

Lab Chronicle

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: FB-17338-092611-MM-059

Lab Sample ID: 460-31736-1

Date Collected: 09/26/11 08:15

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:09	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/06/11 22:38	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 14:21	AAA	TAL EDI
Total/NA	Prep	3541			88637	10/07/11 03:03	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89301	10/12/11 07:57	FM	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89331	10/11/11 16:49	SD	TAL EDI
Total/NA	Prep	7471A			88599	10/06/11 17:45	TS	TAL EDI
Total/NA	Analysis	7471A		1	88621	10/06/11 22:05	TS	TAL EDI
Total/NA	Prep	3050B			88745	10/07/11 18:06	TS	TAL EDI
Total/NA	Analysis	6010B		4	88878	10/10/11 00:35	VD	TAL EDI
Total/NA	Analysis	Moisture		1	87748	09/29/11 23:45	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-060

Lab Sample ID: 460-31736-2

Date Collected: 09/26/11 09:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:09	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/06/11 23:03	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 14:46	AAA	TAL EDI
Total/NA	Prep	3541			88637	10/07/11 03:03	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89301	10/12/11 08:11	FM	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89331	10/11/11 17:05	SD	TAL EDI
Total/NA	Analysis	Moisture		1	89077	10/11/11 13:33	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-061

Lab Sample ID: 460-31736-3

Date Collected: 09/26/11 10:05

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-062

Lab Sample ID: 460-31736-4

Date Collected: 09/26/11 10:45

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-063

Lab Sample ID: 460-31736-5

Date Collected: 09/26/11 11:01

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-064

Lab Sample ID: 460-31736-6

Date Collected: 09/26/11 11:10

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-065

Lab Sample ID: 460-31736-7

Date Collected: 09/26/11 11:20

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-066

Lab Sample ID: 460-31736-8

Date Collected: 09/26/11 11:54

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-067

Lab Sample ID: 460-31736-9

Date Collected: 09/26/11 11:45

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-068

Lab Sample ID: 460-31736-10

Date Collected: 09/26/11 12:25

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-069

Lab Sample ID: 460-31736-11

Date Collected: 09/26/11 12:52

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 15:45	CHA	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-070

Lab Sample ID: 460-31736-12

Date Collected: 09/26/11 13:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:13	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/06/11 23:28	AT	TAL EDI
Total/NA	Prep	3541			88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C		1	88920	10/08/11 06:48	CZ	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89331	10/11/11 17:20	SD	TAL EDI
Total/NA	Analysis	Moisture		1	88371	10/05/11 13:03	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-071

Lab Sample ID: 460-31736-13

Date Collected: 09/26/11 14:09

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:13	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/06/11 23:53	AT	TAL EDI
Total/NA	Prep	3541			88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C		1	88922	10/08/11 22:08	MC	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89331	10/11/11 17:36	SD	TAL EDI
Total/NA	Analysis	Moisture		1	88371	10/05/11 13:03	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-072

Lab Sample ID: 460-31736-14

Date Collected: 09/26/11 14:20

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:13	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/07/11 05:06	AT	TAL EDI
Total/NA	Prep	3541			88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C		1	88920	10/08/11 09:47	CZ	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89331	10/11/11 17:52	SD	TAL EDI
Total/NA	Analysis	Moisture		1	87904	09/30/11 14:21	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-073

Lab Sample ID: 460-31736-15

Date Collected: 09/26/11 14:30

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:14	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/07/11 00:18	AT	TAL EDI
Total/NA	Prep	3541			88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C		1	88920	10/08/11 08:56	CZ	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-073

Lab Sample ID: 460-31736-15

Date Collected: 09/26/11 14:30

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082		1	89331	10/11/11 18:08	SD	TAL EDI
Total/NA	Analysis	Moisture		1	87904	09/30/11 14:21	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-074

Lab Sample ID: 460-31736-16

Date Collected: 09/26/11 14:49

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:14	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/07/11 01:08	AT	TAL EDI
Total/NA	Prep	3541			88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C		1	88920	10/08/11 06:22	CZ	TAL EDI
Total/NA	Prep	3541			88637	10/07/11 03:03	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89301	10/12/11 08:24	FM	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89331	10/11/11 18:24	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 21:50	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 02:15	VD	TAL EDI
Total/NA	Analysis	Moisture		1	87904	09/30/11 14:21	CHA	TAL EDI

Client Sample ID: SO-17338-092611-MM-075

Lab Sample ID: 460-31736-17

Date Collected: 09/26/11 14:55

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:15	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/07/11 02:51	AT	TAL EDI
Total/NA	Prep	3541			88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C		2	88920	10/08/11 07:39	CZ	TAL EDI
Total/NA	Prep	3541			88122	10/04/11 04:15	ARA	TAL EDI
Total/NA	Analysis	8082		1	88374	10/04/11 22:07	SD	TAL EDI
Total/NA	Prep	3541			88124	10/04/11 04:38	ARA	TAL EDI
Total/NA	Analysis	8081A		1	88872	10/06/11 14:14	FM	TAL EDI
Total/NA	Prep	7471A			88244	10/04/11 18:00	TS	TAL EDI
Total/NA	Analysis	7471A		1	88260	10/04/11 21:43	TS	TAL EDI
Total/NA	Prep	3050B			88466	10/06/11 07:42	MC	TAL EDI
Total/NA	Analysis	6010B		4	88688	10/07/11 02:25	VD	TAL EDI
Total/NA	Analysis	Moisture		1	87904	09/30/11 14:21	CHA	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092611-MM-076

Lab Sample ID: 460-31736-18

Date Collected: 09/26/11 15:25

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:15	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/07/11 00:43	AT	TAL EDI
Total/NA	Prep	3541			88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C		1	88920	10/08/11 05:03	CZ	TAL EDI
Total/NA	Prep	3541			88122	10/04/11 04:15	ARA	TAL EDI
Total/NA	Analysis	8082		1	88374	10/04/11 22:23	SD	TAL EDI
Total/NA	Prep	3541			88124	10/04/11 04:38	ARA	TAL EDI
Total/NA	Analysis	8081A		1	88872	10/06/11 14:28	FM	TAL EDI
Total/NA	Prep	7471A			88244	10/04/11 18:00	TS	TAL EDI
Total/NA	Analysis	7471A		1	88260	10/04/11 21:17	TS	TAL EDI
Total/NA	Prep	3050B			88646	10/07/11 07:43	MC	TAL EDI
Total/NA	Analysis	6010B		4	88812	10/07/11 23:38	VD	TAL EDI
Total/NA	Analysis	Moisture		1	87904	09/30/11 14:21	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-077

Lab Sample ID: 460-31736-19

Date Collected: 09/27/11 10:25

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 16:01	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-078

Lab Sample ID: 460-31736-20

Date Collected: 09/27/11 10:50

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 16:01	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-079

Lab Sample ID: 460-31736-21

Date Collected: 09/27/11 11:05

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 16:01	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-080

Lab Sample ID: 460-31736-22

Date Collected: 09/27/11 11:25

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 16:01	CHA	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-081

Lab Sample ID: 460-31736-23

Date Collected: 09/27/11 13:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:19	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88682	10/07/11 01:33	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 15:11	AAA	TAL EDI
Total/NA	Prep	3541			88637	10/07/11 03:03	ARA	TAL EDI
Total/NA	Analysis	8081A		1	89301	10/12/11 08:38	FM	TAL EDI
Total/NA	Prep	3541			88999	10/11/11 03:23	ARA	TAL EDI
Total/NA	Analysis	8082		1	89331	10/11/11 18:40	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 21:52	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 03:19	VD	TAL EDI
Total/NA	Analysis	Moisture		1	89077	10/11/11 13:33	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-082

Lab Sample ID: 460-31736-24

Date Collected: 09/27/11 13:10

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 16:01	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-083

Lab Sample ID: 460-31736-25

Date Collected: 09/27/11 13:30

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 16:01	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-084

Lab Sample ID: 460-31736-26

Date Collected: 09/27/11 13:45

Matrix: Solid

Date Received: 09/28/11 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	89246	10/12/11 16:01	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-085

Lab Sample ID: 460-31736-27

Date Collected: 09/27/11 14:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 76.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:22	FJ	TAL EDI
Total/NA	Analysis	8260B		50	88998	10/10/11 21:34	KB	TAL EDI
Total/NA	Prep	3541	DL		88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C	DL	20	88922	10/08/11 21:42	MC	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-31736-1

Client Sample ID: SO-17338-092711-MM-085

Lab Sample ID: 460-31736-27

Date Collected: 09/27/11 14:00

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 76.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			88122	10/04/11 04:15	ARA	TAL EDI
Total/NA	Analysis	8082		1	88374	10/04/11 22:39	SD	TAL EDI
Total/NA	Prep	3541			88124	10/04/11 04:38	ARA	TAL EDI
Total/NA	Analysis	8081A		1	88872	10/06/11 14:41	FM	TAL EDI
Total/NA	Prep	7471A			88244	10/04/11 18:00	TS	TAL EDI
Total/NA	Analysis	7471A		1	88260	10/04/11 21:45	TS	TAL EDI
Total/NA	Prep	3050B			88466	10/06/11 07:42	MC	TAL EDI
Total/NA	Analysis	6010B		4	88688	10/07/11 02:28	VD	TAL EDI
Total/NA	Analysis	6010B		50	88727	10/07/11 11:57	VD	TAL EDI
Total/NA	Analysis	Moisture		1	87904	09/30/11 14:21	CHA	TAL EDI

Client Sample ID: SO-17338-092711-MM-086

Lab Sample ID: 460-31736-28

Date Collected: 09/27/11 14:59

Matrix: Solid

Date Received: 09/28/11 20:00

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			87771	09/29/11 17:23	FJ	TAL EDI
Total/NA	Analysis	8260B		200	88682	10/07/11 05:31	AT	TAL EDI
Total/NA	Prep	3541	DL		88256	10/04/11 21:50	FHW	TAL EDI
Total/NA	Analysis	8270C	DL	10	88922	10/08/11 21:16	MC	TAL EDI
Total/NA	Prep	3541			88122	10/04/11 04:15	ARA	TAL EDI
Total/NA	Analysis	8082		1	88374	10/04/11 22:55	SD	TAL EDI
Total/NA	Prep	3541			88124	10/04/11 04:38	ARA	TAL EDI
Total/NA	Analysis	8081A		1	88872	10/06/11 14:55	FM	TAL EDI
Total/NA	Prep	7471A			88244	10/04/11 18:00	TS	TAL EDI
Total/NA	Analysis	7471A		1	88260	10/04/11 21:47	TS	TAL EDI
Total/NA	Prep	3050B			88466	10/06/11 07:42	MC	TAL EDI
Total/NA	Analysis	6010B		4	88688	10/07/11 02:32	VD	TAL EDI
Total/NA	Analysis	6010B		50	88727	10/07/11 12:01	VD	TAL EDI
Total/NA	Analysis	Moisture		1	87904	09/30/11 14:21	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: GM Wilmington

TestAmerica Job ID: 460-31736-1

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: GM Wilmington

TestAmerica Job ID: 460-31736-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Sample Summary

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

TestAmerica Job ID: 460-31736-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-31736-1	FB-17338-092611-MM-059	Solid	09/26/11 08:15	09/28/11 20:00
460-31736-2	SO-17338-092611-MM-060	Solid	09/26/11 09:55	09/28/11 20:00
460-31736-3	SO-17338-092611-MM-061	Solid	09/26/11 10:05	09/28/11 20:00
460-31736-4	SO-17338-092611-MM-062	Solid	09/26/11 10:45	09/28/11 20:00
460-31736-5	SO-17338-092611-MM-063	Solid	09/26/11 11:01	09/28/11 20:00
460-31736-6	SO-17338-092611-MM-064	Solid	09/26/11 11:10	09/28/11 20:00
460-31736-7	SO-17338-092611-MM-065	Solid	09/26/11 11:20	09/28/11 20:00
460-31736-8	SO-17338-092611-MM-066	Solid	09/26/11 11:54	09/28/11 20:00
460-31736-9	SO-17338-092611-MM-067	Solid	09/26/11 11:45	09/28/11 20:00
460-31736-10	SO-17338-092611-MM-068	Solid	09/26/11 12:25	09/28/11 20:00
460-31736-11	SO-17338-092611-MM-069	Solid	09/26/11 12:52	09/28/11 20:00
460-31736-12	SO-17338-092611-MM-070	Solid	09/26/11 13:59	09/28/11 20:00
460-31736-13	SO-17338-092611-MM-071	Solid	09/26/11 14:09	09/28/11 20:00
460-31736-14	SO-17338-092611-MM-072	Solid	09/26/11 14:20	09/28/11 20:00
460-31736-15	SO-17338-092611-MM-073	Solid	09/26/11 14:30	09/28/11 20:00
460-31736-16	SO-17338-092611-MM-074	Solid	09/26/11 14:49	09/28/11 20:00
460-31736-17	SO-17338-092611-MM-075	Solid	09/26/11 14:55	09/28/11 20:00
460-31736-18	SO-17338-092611-MM-076	Solid	09/26/11 15:25	09/28/11 20:00
460-31736-19	SO-17338-092711-MM-077	Solid	09/27/11 10:25	09/28/11 20:00
460-31736-20	SO-17338-092711-MM-078	Solid	09/27/11 10:50	09/28/11 20:00
460-31736-21	SO-17338-092711-MM-079	Solid	09/27/11 11:05	09/28/11 20:00
460-31736-22	SO-17338-092711-MM-080	Solid	09/27/11 11:25	09/28/11 20:00
460-31736-23	SO-17338-092711-MM-081	Solid	09/27/11 13:00	09/28/11 20:00
460-31736-24	SO-17338-092711-MM-082	Solid	09/27/11 13:10	09/28/11 20:00
460-31736-25	SO-17338-092711-MM-083	Solid	09/27/11 13:30	09/28/11 20:00
460-31736-26	SO-17338-092711-MM-084	Solid	09/27/11 13:45	09/28/11 20:00
460-31736-27	SO-17338-092711-MM-085	Solid	09/27/11 14:00	09/28/11 20:00
460-31736-28	SO-17338-092711-MM-086	Solid	09/27/11 14:59	09/28/11 20:00

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) CHRIS BARTON		Samplers Name (Printed) M. MYLET, C. G. 4/14/11		Site/Project Identification FAUNCEA CMA	
Company CMA		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: DMREC	
City	State	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)		LAB USE ONLY Job No: Project No:	
Phone 716-856-2142	Fax			Sample Numbers	
Sample Identification		Date	Time	Matrix	No. of Cont.
FB-17338-092611-MW-059 SO-0338-092611-MW-060 SO-17338-092611-MW-061 SO-17338-092611-MW-062 SO-17338-092611-MW-063 SO-17338-092611-MW-064 SO-17338-092611-MW-065 SO-17338-092611-MW-066 SO-17338-092611-MW-067 SO-17338-092611-MW-068		9/26/11 9/26/11 9/26/11 9/26/11 9/26/11 9/26/11 9/26/11 9/26/11 9/26/11	0815 0755 1605 1045 1101 1110 1122 1159 1145 1235	SD SD SD SD SD SD SD SD SD SD	3 3 3 3 3 3 3 3 3 3
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**

Relinquished by M. Mylet	Company CMA	Date / Time 9/26/11	Received by Chris Barton	Company DMREC-SITES	Water Metals Filtered (Yes/No)?
Relinquished by Chris Barton	Company DMREC-SITES	Date / Time 9/26/11	Received by Chris Barton	Company DMREC-SITES	
Relinquished by Chris Barton	Company DMREC-SITES	Date / Time 9/26/11	Received by Chris Barton	Company DMREC-SITES	
Relinquished by Chris Barton	Company DMREC-SITES	Date / Time 9/26/11	Received by Chris Barton	Company DMREC-SITES	

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 1 of 1

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

Name (for report and invoice) CHAS BARTON		Sample Name (Printed) M. Mylert's Gravel		Site/Project Identification Former GM	
Company CRB		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: DMREC	
City	State	LAB USE ONLY Job No: 31732 Project No:			
Phone 716-556-1142	Fax				
Sample Identification	Date	Time	Matrix	No. of Cont.	ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)
SD-17338-092611-MM-069	9/26/11	1252	SO	3	VO
SD-17338-092611-MM-070	9/26/11	1359	SO	3	BN +25
SD-17338-092611-MM-071	9/26/11	1409	SO	3	TCL PCB
SD-17338-092611-MM-072	9/26/11	1420	SO	3	TAL METALS
SD-17338-092611-MM-073	9/26/11	1430	SO	3	PESTICIDES
SD-17338-092611-MM-074	9/26/11	1449	SO	3	
SD-17338-092611-MM-075	9/26/11	1455	SO	3	
SD-17338-092611-MM-076	9/26/11	1525	SO	8	
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other _____ 7 = Other _____					
Soil: _____ Water: _____					

Special Instructions **SPRD ALL SAMPLES**

Water Metals Filtered (Yes/No)?

Relinquished by Master 1008	Company CRB	Date / Time 9/26/11	Received by Frank Hock	Company DMREC-SIT
Relinquished by Frank Hock	Company DMREC-SIT	Date / Time 9/26/11	Received by Q	Company DMREC-SIT
Relinquished by Q	Company Q	Date / Time 9/26/11	Received by Q	Company Test
Relinquished by Q	Company Q	Date / Time 9/26/11	Received by Q	Company Test

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0409)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

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

Page ____ of ____

Name (for report and invoice) CHRIS BARTON		Samplers Name (Printed) M. Miller, C. Gwynne		Site/Project Identification FORMER GM	
Company CONESTOGA-ROVERS & 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 ☐		Regulatory Program: DUREC	
City	State NY				
Phone 716-856-2142	Fax				
Sample Identification	Date	Time	Matrix	No. of Cont.	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)
50-17338-092711-MMA-077	9/27/11	10:25	SO	3	VO
50-17338-092711-MMA-078	9/27/11	10:50	SO	3	BN+25
50-17338-092711-MMA-079	9/27/11	11:05	SO	3	TCL PCB
50-17338-092711-MMA-080	9/27/11	11:25	SO	3	TAL METALS
50-17338-092711-MMA-081	9/27/11	13:00	SO	3	PESTICIDES
50-17338-092711-MMA-082	9/27/11	13:10	SO	3	
50-17338-092711-MMA-083	9/27/11	13:30	SO	3	
50-17338-092711-MMA-084	9/27/11	13:45	SO	3	
50-17338-092711-MMA-085	9/27/11	14:00	SO	3	
50-17338-092711-MMA-086	9/27/11	14:59	SO	3	
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH		Soil: ☐ Water: ☐			

Special Instructions: **Hold for Samples**

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company	Water Metals Filtered (Yes/No)?
Relinquished by	Company	Date / Time	Received by	Company	
Relinquished by	Company	Date / Time	Received by	Company	
Relinquished by	Company	Date / Time	Received by	Company	
Relinquished by	Company	Date / Time	Received by	Company	

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

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31736-1

Login Number: 31736

List Source: TestAmerica Edison

List Number: 1

Creator: Villadarez, Gerson Timothy S

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	1.8/2.1 ° 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	