

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

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TestAmerica Job ID: 460-33104-1

Client Project/Site: GM Wilmington

For:

Conestoga-Rovers & Associates, Inc.

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Niagara Falls, New York 14304

Attn: Ms. Sue Scrocchi



Authorized for release by:

12/9/2011 12:18:04 PM

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

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

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

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Definitions/Glossary

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

TestAmerica Job ID: 460-33104-1

Qualifiers

GC/MS VOA

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

GC/MS VOA TICs

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

GC/MS Semi VOA

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

GC/MS Semi VOA TICs

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

GC Semi VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

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

TestAmerica Job ID: 460-33104-1

Job ID: 460-33104-1

Laboratory: TestAmerica Edison

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-33104-1

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 11/01/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.5, 4.6, 4.9, 2.4°C.

One or more containers for the following sample(s) was received broken or leaking: GW-17338-103111-MW24-02 (460-33104-1).

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.

DISSOLVED METALS

Samples 460-33104-1 through 460-33104-8 were analyzed for Dissolved metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/09/2011 and analyzed on 11/12/2011.

Iron and Manganese failed the recovery criteria high for the MS of sample 460-33168-1 in batch 460-92470.

Refer to the QC report for details.

No other difficulties were encountered during the dissolved metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS

Samples 460-33104-1 through 460-33104-8 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/08/2011 and analyzed on 11/10/2011.

Samples 460-33104-5(5X), 460-33104-6 and 460-33104-7(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the metals analyses.

Case Narrative

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

TestAmerica Job ID: 460-33104-1

Job ID: 460-33104-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

All quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Samples 460-33104-1 through 460-33104-8 were analyzed for dissolved mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 11/09/2011.

No difficulties were encountered during the dissolved mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-33104-1 through 460-33104-8 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 11/04/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples 460-33104-1 through 460-33104-8 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 11/07/2011 and analyzed on 11/08/2011.

The continuing and ending calibration verification (CCV) for methoxychlor is outside control criteria for the secondary column. Methoxychlor is within control limits on the primary column. The data have been qualified and reported.

Surrogate DCB recovery was outside the lower control limits due to matrixGW-17338-110111-MW29-07 (460-33104-6) Surrogate TCMX was within control limits. Data have been qualified and reported.

Several analytes failed the recovery criteria low for the MS of sample 460-33168-1 in batch 460-92952.

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 460-33104-1 through 460-33104-8 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 11/02/2011 and 11/07/2011 and analyzed on 11/06/2011 and 11/09/2011.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-33104-1 through 460-33104-8 and 460-33104-10 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/11/2011.

The matrix spike (MS) recoveries of cis-1,3-Dichloropropene and Styrene; the matrix spike duplicate (MSD) recoveries of cis-1,3-Dichloropropene and Dibromochloromethane were outside control limits in batch 92617. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

The following sample was collected in properly preserved vials, however, the pH was outside the required criteria when verified by the

Case Narrative

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

TestAmerica Job ID: 460-33104-1

Job ID: 460-33104-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

laboratory: GW-17338-110111-MW29-07 (460-33104-6). This sample was analyzed past 7 days but within 14 days.

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 - SELECTED ION MODE (SIM)

Samples 460-33104-1 through 460-33104-9 were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) in accordance with EPA SW-846 Method 8270C SIM. The samples were prepared on 11/04/2011 and analyzed on 11/11/2011 and 11/13/2011.

No difficulties were encountered during the SIM analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-33104-1 through 460-33104-9 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 11/04/2011 and analyzed on 11/13/2011.

The laboratory control sample (LCS) for batch 91853 exceeded control limits for the following analytes: Benzaldehyde.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 91853 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 91853 was outside control limits for 2,4,5-Trichlorophenol, 2,4-Dinitrophenol, 3,3'-Dichlorobenzidine and 4-Nitrophenol.

4-Nitroaniline and Benzaldehyde failed the recovery criteria high for the MSD of sample 460-33168-1 in batch 460-92827. 2,4,5-Trichlorophenol, 2,4-Dinitrophenol, 3,3'-Dichlorobenzidine and 4-Nitrophenol exceeded the rpd limit.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MS of sample 460-33168-1 in batch 460-92617. Benzaldehyde failed the recovery criteria high.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW24-02

Lab Sample ID: 460-33104-1

Date Collected: 10/31/11 12:30

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 00:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 00:26	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 00:26	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/11/11 00:26	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 00:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 00:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 00:26	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 00:26	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 00:26	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 00:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 00:26	1
Acetone	10	U	10	2.5	ug/L			11/11/11 00:26	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/11/11 00:26	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 00:26	1
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/11/11 00:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 00:26	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 00:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.18	ug/L			11/11/11 00:26	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 00:26	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 00:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 00:26	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 00:26	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 00:26	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			11/11/11 00:26	1
Cyclohexane	1.0	U	1.0	0.13	ug/L			11/11/11 00:26	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 00:26	1
Benzene	1.0	U	1.0	0.13	ug/L			11/11/11 00:26	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 00:26	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/11/11 00:26	1
Methylcyclohexane	1.0	U	1.0	0.090	ug/L			11/11/11 00:26	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 00:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 00:26	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/11/11 00:26	1
Toluene	0.27	J	1.0	0.090	ug/L			11/11/11 00:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 00:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 00:26	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 00:26	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 00:26	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 00:26	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 00:26	1
Xylenes, Total	3.0	U	3.0	0.43	ug/L			11/11/11 00:26	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 00:26	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 00:26	1
Isopropylbenzene	1.0	U	1.0	0.21	ug/L			11/11/11 00:26	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 00:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 00:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/11/11 00:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 00:26	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW24-02

Lab Sample ID: 460-33104-1

Date Collected: 10/31/11 12:30

Matrix: Water

Date Received: 11/01/11 18:45

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/11/11 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 122					11/11/11 00:26	1
4-Bromofluorobenzene	94		69 - 135					11/11/11 00:26	1
Toluene-d8 (Surr)	90		69 - 125					11/11/11 00:26	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/13/11 16:19	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/13/11 16:19	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/13/11 16:19	1
Pentachlorophenol	0.20		0.20	0.14	ug/L		11/04/11 08:51	11/13/11 16:19	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/13/11 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 06:51	1
Phenol	10	U	10	0.83	ug/L		11/04/11 08:51	11/13/11 06:51	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 06:51	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 06:51	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 06:51	1
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 06:51	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 06:51	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 06:51	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 06:51	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 06:51	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 06:51	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 06:51	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 06:51	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 06:51	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 06:51	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 06:51	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 06:51	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 06:51	1
Naphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 06:51	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 06:51	1
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 06:51	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 06:51	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 06:51	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 06:51	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 06:51	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW24-02

Lab Sample ID: 460-33104-1

Date Collected: 10/31/11 12:30

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 06:51	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 06:51	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 06:51	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 06:51	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 06:51	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 06:51	1
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 06:51	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 06:51	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 06:51	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 06:51	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 06:51	1
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 06:51	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 06:51	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 06:51	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 06:51	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 06:51	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 06:51	1
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 06:51	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L				11/04/11 08:51	11/13/11 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		46 - 122	11/04/11 08:51	11/13/11 06:51	1
2-Fluorobiphenyl	86		53 - 108	11/04/11 08:51	11/13/11 06:51	1
2-Fluorophenol (Surr)	57		10 - 65	11/04/11 08:51	11/13/11 06:51	1
Nitrobenzene-d5 (Surr)	95		56 - 112	11/04/11 08:51	11/13/11 06:51	1
Phenol-d5 (Surr)	34		10 - 48	11/04/11 08:51	11/13/11 06:51	1
Terphenyl-d14 (Surr)	92		50 - 122	11/04/11 08:51	11/13/11 06:51	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:21	1
beta-BHC	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:21	1
delta-BHC	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:21	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		11/07/11 08:40	11/08/11 09:21	1
Heptachlor	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:21	1
Aldrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:21	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:21	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:21	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		11/07/11 08:40	11/08/11 09:21	1
4,4'-DDE	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:21	1
Endrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:21	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW24-02

Lab Sample ID: 460-33104-1

Date Collected: 10/31/11 12:30

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:21	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:21	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		11/07/11 08:40	11/08/11 09:21	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:21	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		11/07/11 08:40	11/08/11 09:21	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:21	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:21	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		11/07/11 08:40	11/08/11 09:21	1
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:21	1
Toxaphene	0.51	U	0.51	0.20	ug/L		11/07/11 08:40	11/08/11 09:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	50		37 - 144	11/07/11 08:40	11/08/11 09:21	1
DCB Decachlorobiphenyl	58		37 - 144	11/07/11 08:40	11/08/11 09:21	1
Tetrachloro-m-xylene	67		49 - 132	11/07/11 08:40	11/08/11 09:21	1
Tetrachloro-m-xylene	71		49 - 132	11/07/11 08:40	11/08/11 09:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.51	U	0.51	0.13	ug/L		11/02/11 23:46	11/06/11 02:12	1
PCB-1221	0.51	U	0.51	0.29	ug/L		11/02/11 23:46	11/06/11 02:12	1
PCB-1232	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 02:12	1
PCB-1242	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 02:12	1
PCB-1248	0.51	U	0.51	0.24	ug/L		11/02/11 23:46	11/06/11 02:12	1
PCB-1254	0.51	U	0.51	0.17	ug/L		11/02/11 23:46	11/06/11 02:12	1
PCB-1260	0.51	U	0.51	0.15	ug/L		11/02/11 23:46	11/06/11 02:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		37 - 150	11/02/11 23:46	11/06/11 02:12	1
DCB Decachlorobiphenyl	75		37 - 150	11/02/11 23:46	11/06/11 02:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4630		200	87.0	ug/L		11/08/11 09:53	11/10/11 04:45	1
Antimony	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 04:45	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/08/11 09:53	11/10/11 04:45	1
Barium	171	J	200	3.2	ug/L		11/08/11 09:53	11/10/11 04:45	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/08/11 09:53	11/10/11 04:45	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/08/11 09:53	11/10/11 04:45	1
Calcium	85800		5000	72.2	ug/L		11/08/11 09:53	11/10/11 04:45	1
Chromium	10.0	U	10.0	3.2	ug/L		11/08/11 09:53	11/10/11 04:45	1
Cobalt	16.5	J	50.0	2.8	ug/L		11/08/11 09:53	11/10/11 04:45	1
Copper	25.0	U	25.0	3.6	ug/L		11/08/11 09:53	11/10/11 04:45	1
Iron	2380		150	40.2	ug/L		11/08/11 09:53	11/10/11 04:45	1
Lead	5.0	U	5.0	2.8	ug/L		11/08/11 09:53	11/10/11 04:45	1
Magnesium	27300		5000	56.9	ug/L		11/08/11 09:53	11/10/11 04:45	1
Manganese	1210		15.0	2.5	ug/L		11/08/11 09:53	11/10/11 04:45	1
Nickel	17.4	J	40.0	3.5	ug/L		11/08/11 09:53	11/10/11 04:45	1
Potassium	11300		5000	209	ug/L		11/08/11 09:53	11/10/11 04:45	1
Selenium	10.0	U	10.0	4.8	ug/L		11/08/11 09:53	11/10/11 04:45	1
Silver	10.0	U	10.0	0.97	ug/L		11/08/11 09:53	11/10/11 04:45	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW24-02

Lab Sample ID: 460-33104-1

Date Collected: 10/31/11 12:30

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	159000		5000	341	ug/L		11/08/11 09:53	11/10/11 04:45	1
Thallium	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 04:45	1
Vanadium	3.3	J	50.0	2.0	ug/L		11/08/11 09:53	11/10/11 04:45	1
Zinc	44.3		30.0	5.8	ug/L		11/08/11 09:53	11/10/11 04:45	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.92	ug/L		11/09/11 12:42	11/12/11 05:36	1
Antimony	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 05:36	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/09/11 12:42	11/12/11 05:36	1
Thallium	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 05:36	1
Nickel	16.5	J	40.0	3.5	ug/L		11/09/11 12:42	11/12/11 05:36	1
Silver	10.0	U	10.0	0.97	ug/L		11/09/11 12:42	11/12/11 05:36	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/09/11 12:42	11/12/11 05:36	1
Copper	25.0	U	25.0	3.6	ug/L		11/09/11 12:42	11/12/11 05:36	1
Lead	5.0	U	5.0	2.8	ug/L		11/09/11 12:42	11/12/11 05:36	1
Zinc	59.2		30.0	5.8	ug/L		11/09/11 12:42	11/12/11 05:36	1
Selenium	10.0	U	10.0	4.8	ug/L		11/09/11 12:42	11/12/11 05:36	1
Chromium	10.0	U	10.0	3.2	ug/L		11/09/11 12:42	11/12/11 05:36	1
Sodium	169000		5000	341	ug/L		11/09/11 12:42	11/12/11 05:36	1
Potassium	11400		5000	209	ug/L		11/09/11 12:42	11/12/11 05:36	1
Barium	168	J	200	3.2	ug/L		11/09/11 12:42	11/12/11 05:36	1
Calcium	96600		5000	72.2	ug/L		11/09/11 12:42	11/12/11 05:36	1
Iron	571		150	40.2	ug/L		11/09/11 12:42	11/12/11 05:36	1
Vanadium	50.0	U	50.0	2.0	ug/L		11/09/11 12:42	11/12/11 05:36	1
Magnesium	29700		5000	56.9	ug/L		11/09/11 12:42	11/12/11 05:36	1
Aluminum	200	U	200	87.0	ug/L		11/09/11 12:42	11/12/11 05:36	1
Manganese	1240		15.0	2.5	ug/L		11/09/11 12:42	11/12/11 05:36	1
Cobalt	16.6	J	50.0	2.8	ug/L		11/09/11 12:42	11/12/11 05:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/04/11 11:13	11/04/11 13:33	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/09/11 10:15	11/09/11 12:45	1

Client Sample ID: GW-17338-103111-MW25-03

Lab Sample ID: 460-33104-2

Date Collected: 10/31/11 13:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 00:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 00:51	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 00:51	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/11/11 00:51	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 00:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 00:51	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW25-03

Lab Sample ID: 460-33104-2

Date Collected: 10/31/11 13:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 00:51	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 00:51	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 00:51	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 00:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 00:51	1
Acetone	10	U	10	2.5	ug/L			11/11/11 00:51	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/11/11 00:51	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 00:51	1
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/11/11 00:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 00:51	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 00:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.18	ug/L			11/11/11 00:51	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 00:51	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 00:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 00:51	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 00:51	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 00:51	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			11/11/11 00:51	1
Cyclohexane	1.0	U	1.0	0.13	ug/L			11/11/11 00:51	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 00:51	1
Benzene	1.0	U	1.0	0.13	ug/L			11/11/11 00:51	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 00:51	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/11/11 00:51	1
Methylcyclohexane	1.0	U	1.0	0.090	ug/L			11/11/11 00:51	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 00:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 00:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/11/11 00:51	1
Toluene	1.0	U	1.0	0.090	ug/L			11/11/11 00:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 00:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 00:51	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 00:51	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 00:51	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 00:51	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 00:51	1
Xylenes, Total	3.0	U	3.0	0.43	ug/L			11/11/11 00:51	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 00:51	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 00:51	1
Isopropylbenzene	1.0	U	1.0	0.21	ug/L			11/11/11 00:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 00:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 00:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/11/11 00:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 00:51	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/11/11 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 122		11/11/11 00:51	1
4-Bromofluorobenzene	93		69 - 135		11/11/11 00:51	1
Toluene-d8 (Surr)	93		69 - 125		11/11/11 00:51	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW25-03

Lab Sample ID: 460-33104-2

Date Collected: 10/31/11 13:45

Matrix: Water

Date Received: 11/01/11 18:45

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/13/11 16:46	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/13/11 16:46	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/13/11 16:46	1
Pentachlorophenol	0.20	U	0.20	0.14	ug/L		11/04/11 08:51	11/13/11 16:46	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/13/11 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:14	1
Phenol	10	U	10	0.83	ug/L		11/04/11 08:51	11/13/11 07:14	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 07:14	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 07:14	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 07:14	1
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 07:14	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 07:14	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 07:14	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 07:14	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 07:14	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 07:14	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:14	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 07:14	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:14	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 07:14	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 07:14	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 07:14	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 07:14	1
Naphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 07:14	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 07:14	1
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:14	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 07:14	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 07:14	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 07:14	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 07:14	1
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:14	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 07:14	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:14	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 07:14	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 07:14	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 07:14	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW25-03

Lab Sample ID: 460-33104-2

Date Collected: 10/31/11 13:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 07:14	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:14	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 07:14	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:14	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 07:14	1
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:14	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:14	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 07:14	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:14	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 07:14	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 07:14	1
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:14	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L				11/04/11 08:51	11/13/11 07:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		46 - 122				11/04/11 08:51	11/13/11 07:14	1
2-Fluorobiphenyl	75		53 - 108				11/04/11 08:51	11/13/11 07:14	1
2-Fluorophenol (Surr)	49		10 - 65				11/04/11 08:51	11/13/11 07:14	1
Nitrobenzene-d5 (Surr)	82		56 - 112				11/04/11 08:51	11/13/11 07:14	1
Phenol-d5 (Surr)	30		10 - 48				11/04/11 08:51	11/13/11 07:14	1
Terphenyl-d14 (Surr)	81		50 - 122				11/04/11 08:51	11/13/11 07:14	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:35	1
beta-BHC	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:35	1
delta-BHC	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:35	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		11/07/11 08:40	11/08/11 09:35	1
Heptachlor	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:35	1
Aldrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:35	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:35	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:35	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		11/07/11 08:40	11/08/11 09:35	1
4,4'-DDE	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:35	1
Endrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:35	1
Endosulfan II	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:35	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:35	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		11/07/11 08:40	11/08/11 09:35	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:35	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		11/07/11 08:40	11/08/11 09:35	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:35	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:35	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		11/07/11 08:40	11/08/11 09:35	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW25-03

Lab Sample ID: 460-33104-2

Date Collected: 10/31/11 13:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:35	1
Toxaphene	0.51	U	0.51	0.20	ug/L		11/07/11 08:40	11/08/11 09:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		37 - 144				11/07/11 08:40	11/08/11 09:35	1
DCB Decachlorobiphenyl	88		37 - 144				11/07/11 08:40	11/08/11 09:35	1
Tetrachloro-m-xylene	82		49 - 132				11/07/11 08:40	11/08/11 09:35	1
Tetrachloro-m-xylene	96		49 - 132				11/07/11 08:40	11/08/11 09:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.51	U	0.51	0.13	ug/L		11/02/11 23:46	11/06/11 02:29	1
PCB-1221	0.51	U	0.51	0.29	ug/L		11/02/11 23:46	11/06/11 02:29	1
PCB-1232	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 02:29	1
PCB-1242	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 02:29	1
PCB-1248	0.51	U	0.51	0.24	ug/L		11/02/11 23:46	11/06/11 02:29	1
PCB-1254	0.51	U	0.51	0.17	ug/L		11/02/11 23:46	11/06/11 02:29	1
PCB-1260	0.51	U	0.51	0.15	ug/L		11/02/11 23:46	11/06/11 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		37 - 150				11/02/11 23:46	11/06/11 02:29	1
DCB Decachlorobiphenyl	88		37 - 150				11/02/11 23:46	11/06/11 02:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	448		200	87.0	ug/L		11/08/11 09:53	11/10/11 04:51	1
Antimony	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 04:51	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/08/11 09:53	11/10/11 04:51	1
Barium	91.6	J	200	3.2	ug/L		11/08/11 09:53	11/10/11 04:51	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/08/11 09:53	11/10/11 04:51	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/08/11 09:53	11/10/11 04:51	1
Calcium	79300		5000	72.2	ug/L		11/08/11 09:53	11/10/11 04:51	1
Chromium	10.0	U	10.0	3.2	ug/L		11/08/11 09:53	11/10/11 04:51	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/08/11 09:53	11/10/11 04:51	1
Copper	25.0	U	25.0	3.6	ug/L		11/08/11 09:53	11/10/11 04:51	1
Iron	452		150	40.2	ug/L		11/08/11 09:53	11/10/11 04:51	1
Lead	5.0	U	5.0	2.8	ug/L		11/08/11 09:53	11/10/11 04:51	1
Magnesium	19300		5000	56.9	ug/L		11/08/11 09:53	11/10/11 04:51	1
Manganese	392		15.0	2.5	ug/L		11/08/11 09:53	11/10/11 04:51	1
Nickel	6.6	J	40.0	3.5	ug/L		11/08/11 09:53	11/10/11 04:51	1
Potassium	6500		5000	209	ug/L		11/08/11 09:53	11/10/11 04:51	1
Selenium	10.0	U	10.0	4.8	ug/L		11/08/11 09:53	11/10/11 04:51	1
Silver	10.0	U	10.0	0.97	ug/L		11/08/11 09:53	11/10/11 04:51	1
Sodium	106000		5000	341	ug/L		11/08/11 09:53	11/10/11 04:51	1
Thallium	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 04:51	1
Vanadium	5.2	J	50.0	2.0	ug/L		11/08/11 09:53	11/10/11 04:51	1
Zinc	30.0	U	30.0	5.8	ug/L		11/08/11 09:53	11/10/11 04:51	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.92	ug/L		11/09/11 12:42	11/12/11 05:43	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW25-03

Lab Sample ID: 460-33104-2

Date Collected: 10/31/11 13:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 05:43	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/09/11 12:42	11/12/11 05:43	1
Thallium	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 05:43	1
Nickel	6.8	J	40.0	3.5	ug/L		11/09/11 12:42	11/12/11 05:43	1
Silver	10.0	U	10.0	0.97	ug/L		11/09/11 12:42	11/12/11 05:43	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/09/11 12:42	11/12/11 05:43	1
Copper	25.0	U	25.0	3.6	ug/L		11/09/11 12:42	11/12/11 05:43	1
Lead	5.0	U	5.0	2.8	ug/L		11/09/11 12:42	11/12/11 05:43	1
Zinc	30.0	U	30.0	5.8	ug/L		11/09/11 12:42	11/12/11 05:43	1
Selenium	10.0	U	10.0	4.8	ug/L		11/09/11 12:42	11/12/11 05:43	1
Chromium	10.0	U	10.0	3.2	ug/L		11/09/11 12:42	11/12/11 05:43	1
Sodium	98700		5000	341	ug/L		11/09/11 12:42	11/12/11 05:43	1
Potassium	6020		5000	209	ug/L		11/09/11 12:42	11/12/11 05:43	1
Barium	87.0	J	200	3.2	ug/L		11/09/11 12:42	11/12/11 05:43	1
Calcium	80600		5000	72.2	ug/L		11/09/11 12:42	11/12/11 05:43	1
Iron	150	U	150	40.2	ug/L		11/09/11 12:42	11/12/11 05:43	1
Vanadium	4.5	J	50.0	2.0	ug/L		11/09/11 12:42	11/12/11 05:43	1
Magnesium	18200		5000	56.9	ug/L		11/09/11 12:42	11/12/11 05:43	1
Aluminum	200	U	200	87.0	ug/L		11/09/11 12:42	11/12/11 05:43	1
Manganese	382		15.0	2.5	ug/L		11/09/11 12:42	11/12/11 05:43	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/09/11 12:42	11/12/11 05:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/04/11 11:13	11/04/11 13:34	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/09/11 10:15	11/09/11 12:51	1

Client Sample ID: GW-17338-103111-MW26-04

Lab Sample ID: 460-33104-3

Date Collected: 10/31/11 15:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 01:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 01:16	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 01:16	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/11/11 01:16	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 01:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 01:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 01:16	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 01:16	1
1,1-Dichloroethene	0.49	J	1.0	0.14	ug/L			11/11/11 01:16	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 01:16	1
Acetone	10	U	10	2.5	ug/L			11/11/11 01:16	1
Carbon disulfide	2.2		1.0	0.15	ug/L			11/11/11 01:16	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 01:16	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW26-04

Lab Sample ID: 460-33104-3

Date Collected: 10/31/11 15:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/11/11 01:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 01:16	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 01:16	1
Methyl tert-butyl ether	3.2		1.0	0.18	ug/L			11/11/11 01:16	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 01:16	1
1,1-Dichloroethane	7.8		1.0	0.10	ug/L			11/11/11 01:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 01:16	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 01:16	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 01:16	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			11/11/11 01:16	1
Cyclohexane	1.0	U	1.0	0.13	ug/L			11/11/11 01:16	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 01:16	1
Benzene	1.8		1.0	0.13	ug/L			11/11/11 01:16	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 01:16	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/11/11 01:16	1
Methylcyclohexane	1.0	U	1.0	0.090	ug/L			11/11/11 01:16	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 01:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 01:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/11/11 01:16	1
Toluene	1.1		1.0	0.090	ug/L			11/11/11 01:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 01:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 01:16	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 01:16	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 01:16	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 01:16	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 01:16	1
Xylenes, Total	0.48	J	3.0	0.43	ug/L			11/11/11 01:16	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 01:16	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 01:16	1
Isopropylbenzene	1.0	U	1.0	0.21	ug/L			11/11/11 01:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 01:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 01:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/11/11 01:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 01:16	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/11/11 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 122		11/11/11 01:16	1
4-Bromofluorobenzene	95		69 - 135		11/11/11 01:16	1
Toluene-d8 (Surr)	97		69 - 125		11/11/11 01:16	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/13/11 17:13	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/13/11 17:13	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/13/11 17:13	1
Pentachlorophenol	0.20	U	0.20	0.14	ug/L		11/04/11 08:51	11/13/11 17:13	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/13/11 17:13	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW26-04

Lab Sample ID: 460-33104-3

Date Collected: 10/31/11 15:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:38	1
Phenol	4.1	J	10	0.83	ug/L		11/04/11 08:51	11/13/11 07:38	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 07:38	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 07:38	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 07:38	1
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 07:38	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 07:38	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 07:38	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 07:38	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 07:38	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 07:38	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:38	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 07:38	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:38	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 07:38	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 07:38	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 07:38	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 07:38	1
Naphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 07:38	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 07:38	1
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:38	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 07:38	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 07:38	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 07:38	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 07:38	1
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:38	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 07:38	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:38	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 07:38	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 07:38	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 07:38	1
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 07:38	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:38	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 07:38	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:38	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 07:38	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW26-04

Lab Sample ID: 460-33104-3

Date Collected: 10/31/11 15:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 07:38	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 07:38	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 07:38	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:38	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 07:38	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 07:38	1
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 07:38	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L				11/04/11 08:51	11/13/11 07:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	93		46 - 122	11/04/11 08:51	11/13/11 07:38	1
2-Fluorobiphenyl	81		53 - 108	11/04/11 08:51	11/13/11 07:38	1
2-Fluorophenol (Surr)	55		10 - 65	11/04/11 08:51	11/13/11 07:38	1
Nitrobenzene-d5 (Surr)	90		56 - 112	11/04/11 08:51	11/13/11 07:38	1
Phenol-d5 (Surr)	33		10 - 48	11/04/11 08:51	11/13/11 07:38	1
Terphenyl-d14 (Surr)	87		50 - 122	11/04/11 08:51	11/13/11 07:38	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:48	1
beta-BHC	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:48	1
delta-BHC	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:48	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		11/07/11 08:40	11/08/11 09:48	1
Heptachlor	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:48	1
Aldrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:48	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:48	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:48	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		11/07/11 08:40	11/08/11 09:48	1
4,4'-DDE	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:48	1
Endrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:48	1
Endosulfan II	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:48	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:48	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		11/07/11 08:40	11/08/11 09:48	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 09:48	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		11/07/11 08:40	11/08/11 09:48	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 09:48	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:48	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		11/07/11 08:40	11/08/11 09:48	1
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 09:48	1
Toxaphene	0.51	U	0.51	0.20	ug/L		11/07/11 08:40	11/08/11 09:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		37 - 144	11/07/11 08:40	11/08/11 09:48	1
DCB Decachlorobiphenyl	80		37 - 144	11/07/11 08:40	11/08/11 09:48	1
Tetrachloro-m-xylene	64		49 - 132	11/07/11 08:40	11/08/11 09:48	1
Tetrachloro-m-xylene	68		49 - 132	11/07/11 08:40	11/08/11 09:48	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW26-04

Lab Sample ID: 460-33104-3

Date Collected: 10/31/11 15:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.51	U	0.51	0.13	ug/L		11/02/11 23:46	11/06/11 02:46	1
PCB-1221	0.51	U	0.51	0.28	ug/L		11/02/11 23:46	11/06/11 02:46	1
PCB-1232	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 02:46	1
PCB-1242	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 02:46	1
PCB-1248	0.51	U	0.51	0.24	ug/L		11/02/11 23:46	11/06/11 02:46	1
PCB-1254	0.51	U	0.51	0.17	ug/L		11/02/11 23:46	11/06/11 02:46	1
PCB-1260	0.51	U	0.51	0.15	ug/L		11/02/11 23:46	11/06/11 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		37 - 150	11/02/11 23:46	11/06/11 02:46	1
DCB Decachlorobiphenyl	88		37 - 150	11/02/11 23:46	11/06/11 02:46	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	103	J	200	87.0	ug/L		11/08/11 09:53	11/10/11 04:57	1
Antimony	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 04:57	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/08/11 09:53	11/10/11 04:57	1
Barium	141	J	200	3.2	ug/L		11/08/11 09:53	11/10/11 04:57	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/08/11 09:53	11/10/11 04:57	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/08/11 09:53	11/10/11 04:57	1
Calcium	207000		5000	72.2	ug/L		11/08/11 09:53	11/10/11 04:57	1
Chromium	10.0	U	10.0	3.2	ug/L		11/08/11 09:53	11/10/11 04:57	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/08/11 09:53	11/10/11 04:57	1
Copper	25.0	U	25.0	3.6	ug/L		11/08/11 09:53	11/10/11 04:57	1
Iron	150	U	150	40.2	ug/L		11/08/11 09:53	11/10/11 04:57	1
Lead	5.0	U	5.0	2.8	ug/L		11/08/11 09:53	11/10/11 04:57	1
Magnesium	1520	J	5000	56.9	ug/L		11/08/11 09:53	11/10/11 04:57	1
Manganese	5.8	J	15.0	2.5	ug/L		11/08/11 09:53	11/10/11 04:57	1
Nickel	40.0	U	40.0	3.5	ug/L		11/08/11 09:53	11/10/11 04:57	1
Potassium	9140		5000	209	ug/L		11/08/11 09:53	11/10/11 04:57	1
Selenium	10.0	U	10.0	4.8	ug/L		11/08/11 09:53	11/10/11 04:57	1
Silver	10.0	U	10.0	0.97	ug/L		11/08/11 09:53	11/10/11 04:57	1
Sodium	220000		5000	341	ug/L		11/08/11 09:53	11/10/11 04:57	1
Thallium	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 04:57	1
Vanadium	11.8	J	50.0	2.0	ug/L		11/08/11 09:53	11/10/11 04:57	1
Zinc	30.0	U	30.0	5.8	ug/L		11/08/11 09:53	11/10/11 04:57	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.92	ug/L		11/09/11 12:42	11/12/11 05:49	1
Antimony	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 05:49	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/09/11 12:42	11/12/11 05:49	1
Thallium	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 05:49	1
Nickel	4.0	J	40.0	3.5	ug/L		11/09/11 12:42	11/12/11 05:49	1
Silver	10.0	U	10.0	0.97	ug/L		11/09/11 12:42	11/12/11 05:49	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/09/11 12:42	11/12/11 05:49	1
Copper	25.0	U	25.0	3.6	ug/L		11/09/11 12:42	11/12/11 05:49	1
Lead	5.0	U	5.0	2.8	ug/L		11/09/11 12:42	11/12/11 05:49	1
Zinc	30.0	U	30.0	5.8	ug/L		11/09/11 12:42	11/12/11 05:49	1
Selenium	10.0	U	10.0	4.8	ug/L		11/09/11 12:42	11/12/11 05:49	1
Chromium	10.0	U	10.0	3.2	ug/L		11/09/11 12:42	11/12/11 05:49	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW26-04

Lab Sample ID: 460-33104-3

Date Collected: 10/31/11 15:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	216000		5000	341	ug/L		11/09/11 12:42	11/12/11 05:49	1
Potassium	8930		5000	209	ug/L		11/09/11 12:42	11/12/11 05:49	1
Barium	134	J	200	3.2	ug/L		11/09/11 12:42	11/12/11 05:49	1
Calcium	208000		5000	72.2	ug/L		11/09/11 12:42	11/12/11 05:49	1
Iron	150	U	150	40.2	ug/L		11/09/11 12:42	11/12/11 05:49	1
Vanadium	12.0	J	50.0	2.0	ug/L		11/09/11 12:42	11/12/11 05:49	1
Magnesium	1530	J	5000	56.9	ug/L		11/09/11 12:42	11/12/11 05:49	1
Aluminum	200	U	200	87.0	ug/L		11/09/11 12:42	11/12/11 05:49	1
Manganese	15.0	U	15.0	2.5	ug/L		11/09/11 12:42	11/12/11 05:49	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/09/11 12:42	11/12/11 05:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/04/11 11:13	11/04/11 13:36	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/09/11 10:15	11/09/11 12:53	1

Client Sample ID: GW-17338-110111-MW31-05

Lab Sample ID: 460-33104-4

Date Collected: 11/01/11 08:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 05:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 05:40	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 05:40	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/11/11 05:40	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 05:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 05:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 05:40	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 05:40	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 05:40	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 05:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 05:40	1
Acetone	10	U	10	2.5	ug/L			11/11/11 05:40	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/11/11 05:40	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 05:40	1
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/11/11 05:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 05:40	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 05:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.18	ug/L			11/11/11 05:40	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 05:40	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 05:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 05:40	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 05:40	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 05:40	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			11/11/11 05:40	1
Cyclohexane	1.0	U	1.0	0.13	ug/L			11/11/11 05:40	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW31-05

Lab Sample ID: 460-33104-4

Date Collected: 11/01/11 08:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 05:40	1
Benzene	1.0	U	1.0	0.13	ug/L			11/11/11 05:40	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 05:40	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/11/11 05:40	1
Methylcyclohexane	1.0	U	1.0	0.090	ug/L			11/11/11 05:40	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 05:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 05:40	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/11/11 05:40	1
Toluene	1.0	U	1.0	0.090	ug/L			11/11/11 05:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 05:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 05:40	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 05:40	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 05:40	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 05:40	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 05:40	1
Xylenes, Total	3.0	U	3.0	0.43	ug/L			11/11/11 05:40	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 05:40	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 05:40	1
Isopropylbenzene	1.0	U	1.0	0.21	ug/L			11/11/11 05:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 05:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 05:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/11/11 05:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 05:40	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/11/11 05:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 122		11/11/11 05:40	1
4-Bromofluorobenzene	94		69 - 135		11/11/11 05:40	1
Toluene-d8 (Surr)	87		69 - 125		11/11/11 05:40	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/11/11 16:12	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/11/11 16:12	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/11/11 16:12	1
Pentachlorophenol	0.20	U	0.20	0.14	ug/L		11/04/11 08:51	11/11/11 16:12	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/11/11 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:01	1
Phenol	10	U	10	0.83	ug/L		11/04/11 08:51	11/13/11 08:01	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 08:01	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 08:01	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:01	1
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 08:01	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 08:01	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:01	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW31-05

Lab Sample ID: 460-33104-4

Date Collected: 11/01/11 08:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 08:01	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 08:01	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 08:01	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 08:01	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 08:01	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:01	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:01	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 08:01	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:01	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 08:01	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 08:01	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 08:01	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:01	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 08:01	1
Naphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:01	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 08:01	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 08:01	1
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:01	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 08:01	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 08:01	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 08:01	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:01	1
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:01	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:01	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 08:01	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:01	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 08:01	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:01	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 08:01	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 08:01	1
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:01	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 08:01	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:01	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 08:01	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:01	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 08:01	1
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:01	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:01	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 08:01	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 08:01	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 08:01	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW31-05

Lab Sample ID: 460-33104-4

Date Collected: 11/01/11 08:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:01	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L				11/04/11 08:51	11/13/11 08:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		46 - 122				11/04/11 08:51	11/13/11 08:01	1
2-Fluorobiphenyl	76		53 - 108				11/04/11 08:51	11/13/11 08:01	1
2-Fluorophenol (Surr)	48		10 - 65				11/04/11 08:51	11/13/11 08:01	1
Nitrobenzene-d5 (Surr)	78		56 - 112				11/04/11 08:51	11/13/11 08:01	1
Phenol-d5 (Surr)	28		10 - 48				11/04/11 08:51	11/13/11 08:01	1
Terphenyl-d14 (Surr)	81		50 - 122				11/04/11 08:51	11/13/11 08:01	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:02	1
beta-BHC	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:02	1
delta-BHC	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:02	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		11/07/11 08:40	11/08/11 10:02	1
Heptachlor	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:02	1
Aldrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:02	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:02	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:02	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		11/07/11 08:40	11/08/11 10:02	1
4,4'-DDE	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:02	1
Endrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:02	1
Endosulfan II	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:02	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:02	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		11/07/11 08:40	11/08/11 10:02	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:02	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		11/07/11 08:40	11/08/11 10:02	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:02	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:02	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		11/07/11 08:40	11/08/11 10:02	1
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:02	1
Toxaphene	0.51	U	0.51	0.20	ug/L		11/07/11 08:40	11/08/11 10:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		37 - 144				11/07/11 08:40	11/08/11 10:02	1
DCB Decachlorobiphenyl	62		37 - 144				11/07/11 08:40	11/08/11 10:02	1
Tetrachloro-m-xylene	77		49 - 132				11/07/11 08:40	11/08/11 10:02	1
Tetrachloro-m-xylene	79		49 - 132				11/07/11 08:40	11/08/11 10:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.51	U	0.51	0.13	ug/L		11/02/11 23:46	11/06/11 03:02	1
PCB-1221	0.51	U	0.51	0.28	ug/L		11/02/11 23:46	11/06/11 03:02	1
PCB-1232	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 03:02	1
PCB-1242	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 03:02	1
PCB-1248	0.51	U	0.51	0.24	ug/L		11/02/11 23:46	11/06/11 03:02	1
PCB-1254	0.51	U	0.51	0.17	ug/L		11/02/11 23:46	11/06/11 03:02	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW31-05

Lab Sample ID: 460-33104-4

Date Collected: 11/01/11 08:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	0.51	U	0.51	0.15	ug/L		11/02/11 23:46	11/06/11 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		37 - 150				11/02/11 23:46	11/06/11 03:02	1
DCB Decachlorobiphenyl	72		37 - 150				11/02/11 23:46	11/06/11 03:02	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1920		200	87.0	ug/L		11/08/11 09:53	11/10/11 05:03	1
Antimony	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:03	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/08/11 09:53	11/10/11 05:03	1
Barium	266		200	3.2	ug/L		11/08/11 09:53	11/10/11 05:03	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/08/11 09:53	11/10/11 05:03	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/08/11 09:53	11/10/11 05:03	1
Calcium	12100		5000	72.2	ug/L		11/08/11 09:53	11/10/11 05:03	1
Chromium	10.0	U	10.0	3.2	ug/L		11/08/11 09:53	11/10/11 05:03	1
Cobalt	3.1	J	50.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:03	1
Copper	25.0	U	25.0	3.6	ug/L		11/08/11 09:53	11/10/11 05:03	1
Iron	3160		150	40.2	ug/L		11/08/11 09:53	11/10/11 05:03	1
Lead	5.0	U	5.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:03	1
Magnesium	4540	J	5000	56.9	ug/L		11/08/11 09:53	11/10/11 05:03	1
Manganese	1410		15.0	2.5	ug/L		11/08/11 09:53	11/10/11 05:03	1
Nickel	40.0	U	40.0	3.5	ug/L		11/08/11 09:53	11/10/11 05:03	1
Potassium	2350	J	5000	209	ug/L		11/08/11 09:53	11/10/11 05:03	1
Selenium	10.0	U	10.0	4.8	ug/L		11/08/11 09:53	11/10/11 05:03	1
Silver	10.0	U	10.0	0.97	ug/L		11/08/11 09:53	11/10/11 05:03	1
Sodium	116000		5000	341	ug/L		11/08/11 09:53	11/10/11 05:03	1
Thallium	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:03	1
Vanadium	2.2	J	50.0	2.0	ug/L		11/08/11 09:53	11/10/11 05:03	1
Zinc	6.1	J	30.0	5.8	ug/L		11/08/11 09:53	11/10/11 05:03	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.92	ug/L		11/09/11 12:42	11/12/11 06:07	1
Antimony	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:07	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/09/11 12:42	11/12/11 06:07	1
Thallium	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:07	1
Nickel	40.0	U	40.0	3.5	ug/L		11/09/11 12:42	11/12/11 06:07	1
Silver	10.0	U	10.0	0.97	ug/L		11/09/11 12:42	11/12/11 06:07	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/09/11 12:42	11/12/11 06:07	1
Copper	25.0	U	25.0	3.6	ug/L		11/09/11 12:42	11/12/11 06:07	1
Lead	5.0	U	5.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:07	1
Zinc	30.0	U	30.0	5.8	ug/L		11/09/11 12:42	11/12/11 06:07	1
Selenium	10.0	U	10.0	4.8	ug/L		11/09/11 12:42	11/12/11 06:07	1
Chromium	10.0	U	10.0	3.2	ug/L		11/09/11 12:42	11/12/11 06:07	1
Sodium	113000		5000	341	ug/L		11/09/11 12:42	11/12/11 06:07	1
Potassium	2260	J	5000	209	ug/L		11/09/11 12:42	11/12/11 06:07	1
Barium	256		200	3.2	ug/L		11/09/11 12:42	11/12/11 06:07	1
Calcium	12500		5000	72.2	ug/L		11/09/11 12:42	11/12/11 06:07	1
Iron	928		150	40.2	ug/L		11/09/11 12:42	11/12/11 06:07	1
Vanadium	50.0	U	50.0	2.0	ug/L		11/09/11 12:42	11/12/11 06:07	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW31-05

Lab Sample ID: 460-33104-4

Date Collected: 11/01/11 08:45

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	4340	J	5000	56.9	ug/L		11/09/11 12:42	11/12/11 06:07	1
Aluminum	200	U	200	87.0	ug/L		11/09/11 12:42	11/12/11 06:07	1
Manganese	1420		15.0	2.5	ug/L		11/09/11 12:42	11/12/11 06:07	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/04/11 11:13	11/04/11 13:38	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/09/11 10:15	11/09/11 12:54	1

Client Sample ID: GW-17338-110111-MW30-06

Lab Sample ID: 460-33104-5

Date Collected: 11/01/11 09:50

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 01:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 01:41	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 01:41	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/11/11 01:41	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 01:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 01:41	1
1,2-Dichlorobenzene	0.52	J	1.0	0.16	ug/L			11/11/11 01:41	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 01:41	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 01:41	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 01:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 01:41	1
Acetone	10	U	10	2.5	ug/L			11/11/11 01:41	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/11/11 01:41	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 01:41	1
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/11/11 01:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 01:41	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 01:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.18	ug/L			11/11/11 01:41	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 01:41	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 01:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 01:41	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 01:41	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 01:41	1
Ethylbenzene	0.44	J	1.0	0.25	ug/L			11/11/11 01:41	1
Cyclohexane	30		1.0	0.13	ug/L			11/11/11 01:41	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 01:41	1
Benzene	23		1.0	0.13	ug/L			11/11/11 01:41	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 01:41	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/11/11 01:41	1
Methylcyclohexane	15		1.0	0.090	ug/L			11/11/11 01:41	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 01:41	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW30-06

Lab Sample ID: 460-33104-5

Date Collected: 11/01/11 09:50

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 01:41	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/11/11 01:41	1
Toluene	0.28	J	1.0	0.090	ug/L			11/11/11 01:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 01:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 01:41	1
Tetrachloroethene	0.85	J	1.0	0.20	ug/L			11/11/11 01:41	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 01:41	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 01:41	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 01:41	1
Xylenes, Total	3.0	U	3.0	0.43	ug/L			11/11/11 01:41	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 01:41	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 01:41	1
Isopropylbenzene	4.8		1.0	0.21	ug/L			11/11/11 01:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 01:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 01:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/11/11 01:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 01:41	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
<i>Butane</i>	13	J N	ug/L		2.97	106-97-8		11/11/11 01:41	1
<i>C5H12 Alkane</i>	22	J	ug/L		3.52			11/11/11 01:41	1
<i>Pentane</i>	13		ug/L		3.81	109-66-0		11/11/11 01:41	1
<i>C6H14 Alkane</i>	23	J	ug/L		4.88			11/11/11 01:41	1
<i>C6H12 Cycloalkane</i>	18	J	ug/L		6.28			11/11/11 01:41	1
<i>Unknown Alcohol</i>	15	J	ug/L		9.41			11/11/11 01:41	1
<i>Ethylmethylbenzene isomer</i>	19	J	ug/L		14.54			11/11/11 01:41	1
<i>C10H12 Aromatic</i>	27	J	ug/L		14.74			11/11/11 01:41	1
<i>C10H14 Aromatic</i>	14	J	ug/L		15.05			11/11/11 01:41	1
<i>C10H12 Aromatic-1/C10H14 Aromatic</i>	22	J	ug/L		15.77			11/11/11 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 122		11/11/11 01:41	1
4-Bromofluorobenzene	92		69 - 135		11/11/11 01:41	1
Toluene-d8 (Surr)	92		69 - 125		11/11/11 01:41	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/13/11 17:39	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/13/11 17:39	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/13/11 17:39	1
Pentachlorophenol	0.20	U	0.20	0.14	ug/L		11/04/11 08:51	11/13/11 17:39	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/13/11 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:25	1
Phenol	10	U	10	0.83	ug/L		11/04/11 08:51	11/13/11 08:25	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 08:25	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 08:25	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:25	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW30-06

Lab Sample ID: 460-33104-5

Date Collected: 11/01/11 09:50

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 08:25	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 08:25	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 08:25	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 08:25	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 08:25	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 08:25	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:25	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 08:25	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:25	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 08:25	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 08:25	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:25	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 08:25	1
Naphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 08:25	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 08:25	1
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:25	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 08:25	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 08:25	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 08:25	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:25	1
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:25	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 08:25	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:25	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 08:25	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 08:25	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 08:25	1
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 08:25	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:25	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 08:25	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:25	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 08:25	1
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:25	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:25	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 08:25	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW30-06

Lab Sample ID: 460-33104-5

Date Collected: 11/01/11 09:50

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 08:25	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:25	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 08:25	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 08:25	1
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:25	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Alcohol-1	130	J	ug/L		0.89		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-2	110	J	ug/L		1.01		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-3	20	J	ug/L		1.22		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-4	18	J	ug/L		1.24		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-5	37	J	ug/L		1.51		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-6	19	J	ug/L		1.58		11/04/11 08:51	11/13/11 08:25	1
Unknown-1	100	J	ug/L		1.60		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-7	11	J	ug/L		1.72		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-8	19	J	ug/L		2.00		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-9	23	J	ug/L		2.03		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-10	10	J	ug/L		2.29		11/04/11 08:51	11/13/11 08:25	1
Unknown Alcohol-11	8.6	J	ug/L		2.41		11/04/11 08:51	11/13/11 08:25	1
Unknown-2	8.6	J	ug/L		2.45		11/04/11 08:51	11/13/11 08:25	1
Unknown-3	10	J	ug/L		2.96		11/04/11 08:51	11/13/11 08:25	1
Diethylbenzene isomer	13	J	ug/L		3.28		11/04/11 08:51	11/13/11 08:25	1
Tetramethylbenzene isomer	18	J	ug/L		3.82		11/04/11 08:51	11/13/11 08:25	1
Unknown-4	8.3	J	ug/L		3.85		11/04/11 08:51	11/13/11 08:25	1
2,3-dihydro-methyl-1H-Indene isomer-1	15	J	ug/L		3.99		11/04/11 08:51	11/13/11 08:25	1
2,3-dihydro-methyl-1H-Indene isomer-2	26	J	ug/L		4.06		11/04/11 08:51	11/13/11 08:25	1
2,3-dihydro-dimethyl-1H-Indene isomer-1	12	J	ug/L		4.33		11/04/11 08:51	11/13/11 08:25	1
2,3-dihydro-dimethyl-1H-Indene isomer-2	10	J	ug/L		4.39		11/04/11 08:51	11/13/11 08:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		46 - 122	11/04/11 08:51	11/13/11 08:25	1
2-Fluorobiphenyl	83		53 - 108	11/04/11 08:51	11/13/11 08:25	1
2-Fluorophenol (Surr)	57		10 - 65	11/04/11 08:51	11/13/11 08:25	1
Nitrobenzene-d5 (Surr)	87		56 - 112	11/04/11 08:51	11/13/11 08:25	1
Phenol-d5 (Surr)	35		10 - 48	11/04/11 08:51	11/13/11 08:25	1
Terphenyl-d14 (Surr)	85		50 - 122	11/04/11 08:51	11/13/11 08:25	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:16	1
beta-BHC	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:16	1
delta-BHC	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:16	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		11/07/11 08:40	11/08/11 10:16	1
Heptachlor	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:16	1
Aldrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:16	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:16	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:16	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		11/07/11 08:40	11/08/11 10:16	1

Client Sample Results

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TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW30-06

Lab Sample ID: 460-33104-5

Date Collected: 11/01/11 09:50

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:16	1
Endrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:16	1
Endosulfan II	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:16	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:16	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		11/07/11 08:40	11/08/11 10:16	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:16	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		11/07/11 08:40	11/08/11 10:16	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:16	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:16	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		11/07/11 08:40	11/08/11 10:16	1
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:16	1
Toxaphene	0.51	U	0.51	0.20	ug/L		11/07/11 08:40	11/08/11 10:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		37 - 144	11/07/11 08:40	11/08/11 10:16	1
DCB Decachlorobiphenyl	63		37 - 144	11/07/11 08:40	11/08/11 10:16	1
Tetrachloro-m-xylene	76		49 - 132	11/07/11 08:40	11/08/11 10:16	1
Tetrachloro-m-xylene	64		49 - 132	11/07/11 08:40	11/08/11 10:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.51	U	0.51	0.13	ug/L		11/02/11 23:46	11/06/11 03:19	1
PCB-1221	0.51	U	0.51	0.28	ug/L		11/02/11 23:46	11/06/11 03:19	1
PCB-1232	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 03:19	1
PCB-1242	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 03:19	1
PCB-1248	0.51	U	0.51	0.24	ug/L		11/02/11 23:46	11/06/11 03:19	1
PCB-1254	0.51	U	0.51	0.17	ug/L		11/02/11 23:46	11/06/11 03:19	1
PCB-1260	0.51	U	0.51	0.15	ug/L		11/02/11 23:46	11/06/11 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		37 - 150	11/02/11 23:46	11/06/11 03:19	1
DCB Decachlorobiphenyl	51		37 - 150	11/02/11 23:46	11/06/11 03:19	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2910		200	87.0	ug/L		11/08/11 09:53	11/10/11 05:10	1
Antimony	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:10	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/08/11 09:53	11/10/11 05:10	1
Barium	428		200	3.2	ug/L		11/08/11 09:53	11/10/11 05:10	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/08/11 09:53	11/10/11 05:10	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/08/11 09:53	11/10/11 05:10	1
Calcium	47000		5000	72.2	ug/L		11/08/11 09:53	11/10/11 05:10	1
Chromium	4.6	J	10.0	3.2	ug/L		11/08/11 09:53	11/10/11 05:10	1
Cobalt	137		50.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:10	1
Copper	25.0	U	25.0	3.6	ug/L		11/08/11 09:53	11/10/11 05:10	1
Iron	12300		150	40.2	ug/L		11/08/11 09:53	11/10/11 05:10	1
Lead	5.0	U	5.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:10	1
Magnesium	19900		5000	56.9	ug/L		11/08/11 09:53	11/10/11 05:10	1
Manganese	30400		75.0	12.6	ug/L		11/08/11 09:53	11/10/11 11:30	5
Nickel	8.3	J	40.0	3.5	ug/L		11/08/11 09:53	11/10/11 05:10	1
Potassium	3660	J	5000	209	ug/L		11/08/11 09:53	11/10/11 05:10	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW30-06

Lab Sample ID: 460-33104-5

Date Collected: 11/01/11 09:50

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	10.0	U	10.0	4.8	ug/L		11/08/11 09:53	11/10/11 05:10	1
Silver	2.5	J	10.0	0.97	ug/L		11/08/11 09:53	11/10/11 05:10	1
Sodium	81900		5000	341	ug/L		11/08/11 09:53	11/10/11 05:10	1
Thallium	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:10	1
Vanadium	4.4	J	50.0	2.0	ug/L		11/08/11 09:53	11/10/11 05:10	1
Zinc	10.5	J	30.0	5.8	ug/L		11/08/11 09:53	11/10/11 05:10	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.92	ug/L		11/09/11 12:42	11/12/11 06:13	1
Antimony	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:13	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/09/11 12:42	11/12/11 06:13	1
Thallium	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:13	1
Nickel	6.4	J	40.0	3.5	ug/L		11/09/11 12:42	11/12/11 06:13	1
Silver	1.7	J	10.0	0.97	ug/L		11/09/11 12:42	11/12/11 06:13	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/09/11 12:42	11/12/11 06:13	1
Copper	25.0	U	25.0	3.6	ug/L		11/09/11 12:42	11/12/11 06:13	1
Lead	5.0	U	5.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:13	1
Zinc	30.0	U	30.0	5.8	ug/L		11/09/11 12:42	11/12/11 06:13	1
Selenium	10.0	U	10.0	4.8	ug/L		11/09/11 12:42	11/12/11 06:13	1
Chromium	10.0	U	10.0	3.2	ug/L		11/09/11 12:42	11/12/11 06:13	1
Sodium	90400		5000	341	ug/L		11/09/11 12:42	11/12/11 06:13	1
Potassium	4180	J	5000	209	ug/L		11/09/11 12:42	11/12/11 06:13	1
Barium	299		200	3.2	ug/L		11/09/11 12:42	11/12/11 06:13	1
Calcium	72000		5000	72.2	ug/L		11/09/11 12:42	11/12/11 06:13	1
Iron	1140		150	40.2	ug/L		11/09/11 12:42	11/12/11 06:13	1
Vanadium	50.0	U	50.0	2.0	ug/L		11/09/11 12:42	11/12/11 06:13	1
Magnesium	19200		5000	56.9	ug/L		11/09/11 12:42	11/12/11 06:13	1
Aluminum	200	U	200	87.0	ug/L		11/09/11 12:42	11/12/11 06:13	1
Manganese	20300		45.0	7.5	ug/L		11/09/11 12:42	11/12/11 13:51	3
Cobalt	69.0		50.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/04/11 11:13	11/04/11 13:40	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/09/11 10:15	11/09/11 12:56	1

Client Sample ID: GW-17338-110111-MW29-07

Lab Sample ID: 460-33104-6

Date Collected: 11/01/11 12:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 05:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 05:11	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 05:11	1
Vinyl chloride	41		1.0	0.13	ug/L			11/11/11 05:11	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
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TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW29-07

Lab Sample ID: 460-33104-6

Date Collected: 11/01/11 12:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 05:11	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 05:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 05:11	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 05:11	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 05:11	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 05:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 05:11	1
Acetone	32		10	2.5	ug/L			11/11/11 05:11	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/11/11 05:11	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 05:11	1
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/11/11 05:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 05:11	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 05:11	1
Methyl tert-butyl ether	0.75	J	1.0	0.18	ug/L			11/11/11 05:11	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 05:11	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 05:11	1
cis-1,2-Dichloroethene	8.9		1.0	0.20	ug/L			11/11/11 05:11	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 05:11	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 05:11	1
Ethylbenzene	27		1.0	0.25	ug/L			11/11/11 05:11	1
Cyclohexane	6.5		1.0	0.13	ug/L			11/11/11 05:11	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 05:11	1
Benzene	13		1.0	0.13	ug/L			11/11/11 05:11	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 05:11	1
Trichloroethene	0.69	J	1.0	0.18	ug/L			11/11/11 05:11	1
Methylcyclohexane	8.5		1.0	0.090	ug/L			11/11/11 05:11	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 05:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 05:11	1
4-Methyl-2-pentanone (MIBK)	1.9	J	10	0.68	ug/L			11/11/11 05:11	1
Toluene	30		1.0	0.090	ug/L			11/11/11 05:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 05:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 05:11	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 05:11	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 05:11	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 05:11	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 05:11	1
Xylenes, Total	140		3.0	0.43	ug/L			11/11/11 05:11	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 05:11	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 05:11	1
Isopropylbenzene	2.5		1.0	0.21	ug/L			11/11/11 05:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 05:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 05:11	1
1,4-Dichlorobenzene	0.26	J	1.0	0.15	ug/L			11/11/11 05:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 05:11	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Ethylmethylbenzene isomer	13	J	ug/L		12.86			11/11/11 05:11	1
1,3,5-Trimethylbenzene	9.7		ug/L		12.92	108-67-8		11/11/11 05:11	1
Ethylmethylbenzene isomer-1	6.4	J	ug/L		13.17			11/11/11 05:11	1
1,2,4-Trimethylbenzene	22		ug/L		13.34	95-63-6		11/11/11 05:11	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW29-07

Lab Sample ID: 460-33104-6

Date Collected: 11/01/11 12:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
C9H10 Aromatic/C10H14 Aromatic	13	J	ug/L		14.08			11/11/11 05:11	1
Naphthalene	13		ug/L		16.85	91-20-3		11/11/11 05:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 122					11/11/11 05:11	1
4-Bromofluorobenzene	90		69 - 135					11/11/11 05:11	1
Toluene-d8 (Surr)	94		69 - 125					11/11/11 05:11	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/11/11 17:05	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/11/11 17:05	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/11/11 17:05	1
Pentachlorophenol	0.20	U	0.20	0.14	ug/L		11/04/11 08:51	11/11/11 17:05	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/11/11 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:48	1
Phenol	10	U	10	0.83	ug/L		11/04/11 08:51	11/13/11 08:48	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 08:48	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 08:48	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:48	1
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 08:48	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 08:48	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 08:48	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 08:48	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 08:48	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 08:48	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:48	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 08:48	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:48	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 08:48	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 08:48	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:48	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 08:48	1
Naphthalene	9.4	J	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 08:48	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 08:48	1
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:48	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 08:48	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 08:48	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW29-07

Lab Sample ID: 460-33104-6

Date Collected: 11/01/11 12:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 08:48	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 08:48	1
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:48	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 08:48	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:48	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 08:48	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 08:48	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 08:48	1
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 08:48	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:48	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 08:48	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:48	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 08:48	1
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 08:48	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 08:48	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 08:48	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:48	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 08:48	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 08:48	1
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 08:48	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Toluene	19	J N	ug/L		1.07	108-88-3	11/04/11 08:51	11/13/11 08:48	1
Ethylbenzene	19	J N	ug/L		1.73	100-41-4	11/04/11 08:51	11/13/11 08:48	1
Xylene isomer-1	65	J	ug/L		1.80		11/04/11 08:51	11/13/11 08:48	1
Xylene isomer-2	33	J	ug/L		1.98		11/04/11 08:51	11/13/11 08:48	1
Ethylmethylbenzene isomer	9.2	J	ug/L		2.54		11/04/11 08:51	11/13/11 08:48	1
Trimethylbenzene isomer	18	J	ug/L		2.82		11/04/11 08:51	11/13/11 08:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	88		46 - 122	11/04/11 08:51	11/13/11 08:48	1
2-Fluorobiphenyl	88		53 - 108	11/04/11 08:51	11/13/11 08:48	1
2-Fluorophenol (Surr)	57		10 - 65	11/04/11 08:51	11/13/11 08:48	1
Nitrobenzene-d5 (Surr)	92		56 - 112	11/04/11 08:51	11/13/11 08:48	1
Phenol-d5 (Surr)	32		10 - 48	11/04/11 08:51	11/13/11 08:48	1
Terphenyl-d14 (Surr)	72		50 - 122	11/04/11 08:51	11/13/11 08:48	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:30	1
beta-BHC	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:30	1
delta-BHC	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:30	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		11/07/11 08:40	11/08/11 10:30	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW29-07

Lab Sample ID: 460-33104-6

Date Collected: 11/01/11 12:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:30	1
Aldrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:30	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:30	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:30	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		11/07/11 08:40	11/08/11 10:30	1
4,4'-DDE	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:30	1
Endrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:30	1
Endosulfan II	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:30	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:30	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		11/07/11 08:40	11/08/11 10:30	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:30	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		11/07/11 08:40	11/08/11 10:30	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:30	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:30	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		11/07/11 08:40	11/08/11 10:30	1
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:30	1
Toxaphene	0.51	U	0.51	0.20	ug/L		11/07/11 08:40	11/08/11 10:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	28	X	37 - 144	11/07/11 08:40	11/08/11 10:30	1
DCB Decachlorobiphenyl	38		37 - 144	11/07/11 08:40	11/08/11 10:30	1
Tetrachloro-m-xylene	56		49 - 132	11/07/11 08:40	11/08/11 10:30	1
Tetrachloro-m-xylene	60		49 - 132	11/07/11 08:40	11/08/11 10:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.51	U	0.51	0.13	ug/L		11/07/11 08:48	11/09/11 21:43	1
PCB-1221	0.51	U	0.51	0.28	ug/L		11/07/11 08:48	11/09/11 21:43	1
PCB-1232	0.51	U	0.51	0.12	ug/L		11/07/11 08:48	11/09/11 21:43	1
PCB-1242	0.51	U	0.51	0.12	ug/L		11/07/11 08:48	11/09/11 21:43	1
PCB-1248	0.51	U	0.51	0.24	ug/L		11/07/11 08:48	11/09/11 21:43	1
PCB-1254	0.51	U	0.51	0.17	ug/L		11/07/11 08:48	11/09/11 21:43	1
PCB-1260	0.51	U	0.51	0.15	ug/L		11/07/11 08:48	11/09/11 21:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	42		37 - 150	11/07/11 08:48	11/09/11 21:43	1
DCB Decachlorobiphenyl	49		37 - 150	11/07/11 08:48	11/09/11 21:43	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1450		200	87.0	ug/L		11/08/11 09:53	11/10/11 05:16	1
Antimony	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:16	1
Arsenic	3.9	J	5.0	3.8	ug/L		11/08/11 09:53	11/10/11 05:16	1
Barium	1390		200	3.2	ug/L		11/08/11 09:53	11/10/11 05:16	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/08/11 09:53	11/10/11 05:16	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/08/11 09:53	11/10/11 05:16	1
Calcium	101000		5000	72.2	ug/L		11/08/11 09:53	11/10/11 05:16	1
Chromium	10.0	U	10.0	3.2	ug/L		11/08/11 09:53	11/10/11 05:16	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:16	1
Copper	25.0	U	25.0	3.6	ug/L		11/08/11 09:53	11/10/11 05:16	1
Iron	78000		150	40.2	ug/L		11/08/11 09:53	11/10/11 05:16	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW29-07

Lab Sample ID: 460-33104-6

Date Collected: 11/01/11 12:15

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.0	U	5.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:16	1
Magnesium	136000		5000	56.9	ug/L		11/08/11 09:53	11/10/11 05:16	1
Manganese	3000		15.0	2.5	ug/L		11/08/11 09:53	11/10/11 05:16	1
Nickel	4.0	J	40.0	3.5	ug/L		11/08/11 09:53	11/10/11 05:16	1
Potassium	2660	J	5000	209	ug/L		11/08/11 09:53	11/10/11 05:16	1
Selenium	10.0	U	10.0	4.8	ug/L		11/08/11 09:53	11/10/11 05:16	1
Silver	10.0	U	10.0	0.97	ug/L		11/08/11 09:53	11/10/11 05:16	1
Sodium	240000		10000	682	ug/L		11/08/11 09:53	11/10/11 11:36	2
Thallium	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:16	1
Vanadium	8.1	J	50.0	2.0	ug/L		11/08/11 09:53	11/10/11 05:16	1
Zinc	29.1	J	30.0	5.8	ug/L		11/08/11 09:53	11/10/11 05:16	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.92	ug/L		11/09/11 12:42	11/12/11 06:20	1
Antimony	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:20	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/09/11 12:42	11/12/11 06:20	1
Thallium	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:20	1
Nickel	40.0	U	40.0	3.5	ug/L		11/09/11 12:42	11/12/11 06:20	1
Silver	10.0	U	10.0	0.97	ug/L		11/09/11 12:42	11/12/11 06:20	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/09/11 12:42	11/12/11 06:20	1
Copper	25.0	U	25.0	3.6	ug/L		11/09/11 12:42	11/12/11 06:20	1
Lead	5.0	U	5.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:20	1
Zinc	22.5	J	30.0	5.8	ug/L		11/09/11 12:42	11/12/11 06:20	1
Selenium	10.0	U	10.0	4.8	ug/L		11/09/11 12:42	11/12/11 06:20	1
Chromium	10.0	U	10.0	3.2	ug/L		11/09/11 12:42	11/12/11 06:20	1
Sodium	261000		10000	682	ug/L		11/09/11 12:42	11/12/11 13:57	2
Potassium	2720	J	5000	209	ug/L		11/09/11 12:42	11/12/11 06:20	1
Barium	1030		200	3.2	ug/L		11/09/11 12:42	11/12/11 06:20	1
Calcium	113000		5000	72.2	ug/L		11/09/11 12:42	11/12/11 06:20	1
Iron	47500		150	40.2	ug/L		11/09/11 12:42	11/12/11 06:20	1
Vanadium	50.0	U	50.0	2.0	ug/L		11/09/11 12:42	11/12/11 06:20	1
Magnesium	141000		5000	56.9	ug/L		11/09/11 12:42	11/12/11 06:20	1
Aluminum	200	U	200	87.0	ug/L		11/09/11 12:42	11/12/11 06:20	1
Manganese	3230		15.0	2.5	ug/L		11/09/11 12:42	11/12/11 06:20	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/04/11 11:13	11/04/11 13:42	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/09/11 10:15	11/09/11 12:58	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-DUP-08

Lab Sample ID: 460-33104-7

Date Collected: 11/01/11 13:05

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 04:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 04:43	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 04:43	1
Vinyl chloride	42		1.0	0.13	ug/L			11/11/11 04:43	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 04:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 04:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 04:43	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 04:43	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 04:43	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 04:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 04:43	1
Acetone	21		10	2.5	ug/L			11/11/11 04:43	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/11/11 04:43	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 04:43	1
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/11/11 04:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 04:43	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 04:43	1
Methyl tert-butyl ether	0.82	J	1.0	0.18	ug/L			11/11/11 04:43	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 04:43	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 04:43	1
cis-1,2-Dichloroethene	9.2		1.0	0.20	ug/L			11/11/11 04:43	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 04:43	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 04:43	1
Ethylbenzene	29		1.0	0.25	ug/L			11/11/11 04:43	1
Cyclohexane	6.9		1.0	0.13	ug/L			11/11/11 04:43	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 04:43	1
Benzene	15		1.0	0.13	ug/L			11/11/11 04:43	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 04:43	1
Trichloroethene	0.62	J	1.0	0.18	ug/L			11/11/11 04:43	1
Methylcyclohexane	8.6		1.0	0.090	ug/L			11/11/11 04:43	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 04:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 04:43	1
4-Methyl-2-pentanone (MIBK)	2.2	J	10	0.68	ug/L			11/11/11 04:43	1
Toluene	31		1.0	0.090	ug/L			11/11/11 04:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 04:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 04:43	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 04:43	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 04:43	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 04:43	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 04:43	1
Xylenes, Total	140		3.0	0.43	ug/L			11/11/11 04:43	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 04:43	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 04:43	1
Isopropylbenzene	2.5		1.0	0.21	ug/L			11/11/11 04:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 04:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 04:43	1
1,4-Dichlorobenzene	0.29	J	1.0	0.15	ug/L			11/11/11 04:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 04:43	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-DUP-08

Lab Sample ID: 460-33104-7

Date Collected: 11/01/11 13:05

Matrix: Water

Date Received: 11/01/11 18:45

<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>
Ethylmethylbenzene isomer	12	J	ug/L		12.85			11/11/11 04:43	1
1,3,5-Trimethylbenzene	9.7		ug/L		12.92	108-67-8		11/11/11 04:43	1
Ethylmethylbenzene isomer-1	6.0	J	ug/L		13.16			11/11/11 04:43	1
1,2,4-Trimethylbenzene	22		ug/L		13.34	95-63-6		11/11/11 04:43	1
C9H10 Aromatic/C10H14 Aromatic	9.4	J	ug/L		14.08			11/11/11 04:43	1
Naphthalene	12		ug/L		16.86	91-20-3		11/11/11 04:43	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		70 - 122					11/11/11 04:43	1
4-Bromofluorobenzene	96		69 - 135					11/11/11 04:43	1
Toluene-d8 (Surr)	96		69 - 125					11/11/11 04:43	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/13/11 18:06	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/13/11 18:06	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/13/11 18:06	1
Pentachlorophenol	0.20	U	0.20	0.14	ug/L		11/04/11 08:51	11/13/11 18:06	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/13/11 18:06	1

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

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:11	1
Phenol	10	U	10	0.83	ug/L		11/04/11 08:51	11/13/11 09:11	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 09:11	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 09:11	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:11	1
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 09:11	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 09:11	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 09:11	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 09:11	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 09:11	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 09:11	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:11	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 09:11	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:11	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 09:11	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 09:11	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:11	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 09:11	1
Naphthalene	7.7	J	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 09:11	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 09:11	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-DUP-08

Lab Sample ID: 460-33104-7

Date Collected: 11/01/11 13:05

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:11	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 09:11	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 09:11	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 09:11	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:11	1
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:11	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 09:11	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:11	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 09:11	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 09:11	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 09:11	1
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 09:11	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:11	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 09:11	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:11	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 09:11	1
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:11	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:11	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 09:11	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:11	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 09:11	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 09:11	1
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:11	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Toluene	16	J N	ug/L		1.07	108-88-3	11/04/11 08:51	11/13/11 09:11	1
Ethylbenzene	16	J N	ug/L		1.73	100-41-4	11/04/11 08:51	11/13/11 09:11	1
Xylene isomer-1	53	J	ug/L		1.80		11/04/11 08:51	11/13/11 09:11	1
Xylene isomer-2	26	J	ug/L		1.98		11/04/11 08:51	11/13/11 09:11	1
Trimethylbenzene isomer	15	J	ug/L		2.82		11/04/11 08:51	11/13/11 09:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		46 - 122	11/04/11 08:51	11/13/11 09:11	1
2-Fluorobiphenyl	81		53 - 108	11/04/11 08:51	11/13/11 09:11	1
2-Fluorophenol (Surr)	48		10 - 65	11/04/11 08:51	11/13/11 09:11	1
Nitrobenzene-d5 (Surr)	81		56 - 112	11/04/11 08:51	11/13/11 09:11	1
Phenol-d5 (Surr)	28		10 - 48	11/04/11 08:51	11/13/11 09:11	1
Terphenyl-d14 (Surr)	67		50 - 122	11/04/11 08:51	11/13/11 09:11	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:43	1
beta-BHC	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:43	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-DUP-08

Lab Sample ID: 460-33104-7

Date Collected: 11/01/11 13:05

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:43	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		11/07/11 08:40	11/08/11 10:43	1
Heptachlor	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:43	1
Aldrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:43	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:43	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:43	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		11/07/11 08:40	11/08/11 10:43	1
4,4'-DDE	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:43	1
Endrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:43	1
Endosulfan II	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:43	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:43	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		11/07/11 08:40	11/08/11 10:43	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:43	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		11/07/11 08:40	11/08/11 10:43	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:43	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:43	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		11/07/11 08:40	11/08/11 10:43	1
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:43	1
Toxaphene	0.51	U	0.51	0.20	ug/L		11/07/11 08:40	11/08/11 10:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		37 - 144	11/07/11 08:40	11/08/11 10:43	1
DCB Decachlorobiphenyl	69		37 - 144	11/07/11 08:40	11/08/11 10:43	1
Tetrachloro-m-xylene	66		49 - 132	11/07/11 08:40	11/08/11 10:43	1
Tetrachloro-m-xylene	69		49 - 132	11/07/11 08:40	11/08/11 10:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.51	U	0.51	0.13	ug/L		11/02/11 23:46	11/06/11 03:52	1
PCB-1221	0.51	U	0.51	0.28	ug/L		11/02/11 23:46	11/06/11 03:52	1
PCB-1232	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 03:52	1
PCB-1242	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 03:52	1
PCB-1248	0.51	U	0.51	0.24	ug/L		11/02/11 23:46	11/06/11 03:52	1
PCB-1254	0.51	U	0.51	0.17	ug/L		11/02/11 23:46	11/06/11 03:52	1
PCB-1260	0.51	U	0.51	0.15	ug/L		11/02/11 23:46	11/06/11 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		37 - 150	11/02/11 23:46	11/06/11 03:52	1
DCB Decachlorobiphenyl	37		37 - 150	11/02/11 23:46	11/06/11 03:52	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1540		200	87.0	ug/L		11/08/11 09:53	11/10/11 05:22	1
Antimony	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:22	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/08/11 09:53	11/10/11 05:22	1
Barium	1250		200	3.2	ug/L		11/08/11 09:53	11/10/11 05:22	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/08/11 09:53	11/10/11 05:22	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/08/11 09:53	11/10/11 05:22	1
Calcium	102000		5000	72.2	ug/L		11/08/11 09:53	11/10/11 05:22	1
Chromium	10.0	U	10.0	3.2	ug/L		11/08/11 09:53	11/10/11 05:22	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:22	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-DUP-08

Lab Sample ID: 460-33104-7

Date Collected: 11/01/11 13:05

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	25.0	U	25.0	3.6	ug/L		11/08/11 09:53	11/10/11 05:22	1
Iron	78400		150	40.2	ug/L		11/08/11 09:53	11/10/11 05:22	1
Lead	5.0	U	5.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:22	1
Magnesium	138000		5000	56.9	ug/L		11/08/11 09:53	11/10/11 05:22	1
Manganese	2960		15.0	2.5	ug/L		11/08/11 09:53	11/10/11 05:22	1
Nickel	3.9	J	40.0	3.5	ug/L		11/08/11 09:53	11/10/11 05:22	1
Potassium	2600	J	5000	209	ug/L		11/08/11 09:53	11/10/11 05:22	1
Selenium	10.0	U	10.0	4.8	ug/L		11/08/11 09:53	11/10/11 05:22	1
Silver	10.0	U	10.0	0.97	ug/L		11/08/11 09:53	11/10/11 05:22	1
Sodium	248000		10000	682	ug/L		11/08/11 09:53	11/10/11 11:42	2
Thallium	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:22	1
Vanadium	8.1	J	50.0	2.0	ug/L		11/08/11 09:53	11/10/11 05:22	1
Zinc	31.2		30.0	5.8	ug/L		11/08/11 09:53	11/10/11 05:22	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.92	ug/L		11/09/11 12:42	11/12/11 06:26	1
Antimony	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:26	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/09/11 12:42	11/12/11 06:26	1
Thallium	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:26	1
Nickel	40.0	U	40.0	3.5	ug/L		11/09/11 12:42	11/12/11 06:26	1
Silver	10.0	U	10.0	0.97	ug/L		11/09/11 12:42	11/12/11 06:26	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/09/11 12:42	11/12/11 06:26	1
Copper	25.0	U	25.0	3.6	ug/L		11/09/11 12:42	11/12/11 06:26	1
Lead	5.0	U	5.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:26	1
Zinc	18.2	J	30.0	5.8	ug/L		11/09/11 12:42	11/12/11 06:26	1
Selenium	4.9	J	10.0	4.8	ug/L		11/09/11 12:42	11/12/11 06:26	1
Chromium	10.0	U	10.0	3.2	ug/L		11/09/11 12:42	11/12/11 06:26	1
Sodium	253000		10000	682	ug/L		11/09/11 12:42	11/12/11 14:03	2
Potassium	2550	J	5000	209	ug/L		11/09/11 12:42	11/12/11 06:26	1
Barium	855		200	3.2	ug/L		11/09/11 12:42	11/12/11 06:26	1
Calcium	111000		5000	72.2	ug/L		11/09/11 12:42	11/12/11 06:26	1
Iron	41200		150	40.2	ug/L		11/09/11 12:42	11/12/11 06:26	1
Vanadium	50.0	U	50.0	2.0	ug/L		11/09/11 12:42	11/12/11 06:26	1
Magnesium	144000		5000	56.9	ug/L		11/09/11 12:42	11/12/11 06:26	1
Aluminum	200	U	200	87.0	ug/L		11/09/11 12:42	11/12/11 06:26	1
Manganese	3150		15.0	2.5	ug/L		11/09/11 12:42	11/12/11 06:26	1
Cobalt	50.0	U	50.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/04/11 11:13	11/04/11 13:44	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/09/11 10:15	11/09/11 13:00	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW27-09

Lab Sample ID: 460-33104-8

Date Collected: 11/01/11 14:00

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 02:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 02:06	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 02:06	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/11/11 02:06	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 02:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 02:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 02:06	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 02:06	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 02:06	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 02:06	1
Acetone	10	U	10	2.5	ug/L			11/11/11 02:06	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/11/11 02:06	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 02:06	1
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/11/11 02:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 02:06	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 02:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.18	ug/L			11/11/11 02:06	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 02:06	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 02:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 02:06	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 02:06	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 02:06	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			11/11/11 02:06	1
Cyclohexane	1.0	U	1.0	0.13	ug/L			11/11/11 02:06	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 02:06	1
Benzene	1.0	U	1.0	0.13	ug/L			11/11/11 02:06	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 02:06	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/11/11 02:06	1
Methylcyclohexane	1.0	U	1.0	0.090	ug/L			11/11/11 02:06	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 02:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 02:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/11/11 02:06	1
Toluene	1.0	U	1.0	0.090	ug/L			11/11/11 02:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 02:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 02:06	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 02:06	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 02:06	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 02:06	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 02:06	1
Xylenes, Total	3.0	U	3.0	0.43	ug/L			11/11/11 02:06	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 02:06	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 02:06	1
Isopropylbenzene	1.0	U	1.0	0.21	ug/L			11/11/11 02:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 02:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 02:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/11/11 02:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 02:06	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW27-09

Lab Sample ID: 460-33104-8

Date Collected: 11/01/11 14:00

Matrix: Water

Date Received: 11/01/11 18:45

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/11/11 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 122					11/11/11 02:06	1
4-Bromofluorobenzene	94		69 - 135					11/11/11 02:06	1
Toluene-d8 (Surr)	94		69 - 125					11/11/11 02:06	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/11/11 17:58	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/11/11 17:58	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/11/11 17:58	1
Pentachlorophenol	0.20	U	0.20	0.14	ug/L		11/04/11 08:51	11/11/11 17:58	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/11/11 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:34	1
Phenol	10	U	10	0.83	ug/L		11/04/11 08:51	11/13/11 09:34	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 09:34	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 09:34	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:34	1
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 09:34	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 09:34	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 09:34	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 09:34	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 09:34	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 09:34	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:34	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 09:34	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:34	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 09:34	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 09:34	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:34	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 09:34	1
Naphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 09:34	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 09:34	1
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:34	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 09:34	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 09:34	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 09:34	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:34	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW27-09

Lab Sample ID: 460-33104-8

Date Collected: 11/01/11 14:00

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:34	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 09:34	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:34	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 09:34	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 09:34	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 09:34	1
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 09:34	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:34	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 09:34	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:34	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 09:34	1
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:34	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:34	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 09:34	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:34	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 09:34	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 09:34	1
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:34	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L				11/04/11 08:51	11/13/11 09:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		46 - 122	11/04/11 08:51	11/13/11 09:34	1
2-Fluorobiphenyl	82		53 - 108	11/04/11 08:51	11/13/11 09:34	1
2-Fluorophenol (Surr)	54		10 - 65	11/04/11 08:51	11/13/11 09:34	1
Nitrobenzene-d5 (Surr)	86		56 - 112	11/04/11 08:51	11/13/11 09:34	1
Phenol-d5 (Surr)	32		10 - 48	11/04/11 08:51	11/13/11 09:34	1
Terphenyl-d14 (Surr)	86		50 - 122	11/04/11 08:51	11/13/11 09:34	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:57	1
beta-BHC	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:57	1
delta-BHC	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:57	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		11/07/11 08:40	11/08/11 10:57	1
Heptachlor	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:57	1
Aldrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:57	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:57	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:57	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		11/07/11 08:40	11/08/11 10:57	1
4,4'-DDE	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:57	1
Endrin	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:57	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW27-09

Lab Sample ID: 460-33104-8

Date Collected: 11/01/11 14:00

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:57	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:57	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		11/07/11 08:40	11/08/11 10:57	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		11/07/11 08:40	11/08/11 10:57	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		11/07/11 08:40	11/08/11 10:57	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		11/07/11 08:40	11/08/11 10:57	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:57	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		11/07/11 08:40	11/08/11 10:57	1
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		11/07/11 08:40	11/08/11 10:57	1
Toxaphene	0.51	U	0.51	0.20	ug/L		11/07/11 08:40	11/08/11 10:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		37 - 144	11/07/11 08:40	11/08/11 10:57	1
DCB Decachlorobiphenyl	50		37 - 144	11/07/11 08:40	11/08/11 10:57	1
Tetrachloro-m-xylene	63		49 - 132	11/07/11 08:40	11/08/11 10:57	1
Tetrachloro-m-xylene	71		49 - 132	11/07/11 08:40	11/08/11 10:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.51	U	0.51	0.13	ug/L		11/02/11 23:46	11/06/11 04:09	1
PCB-1221	0.51	U	0.51	0.28	ug/L		11/02/11 23:46	11/06/11 04:09	1
PCB-1232	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 04:09	1
PCB-1242	0.51	U	0.51	0.12	ug/L		11/02/11 23:46	11/06/11 04:09	1
PCB-1248	0.51	U	0.51	0.24	ug/L		11/02/11 23:46	11/06/11 04:09	1
PCB-1254	0.51	U	0.51	0.17	ug/L		11/02/11 23:46	11/06/11 04:09	1
PCB-1260	0.51	U	0.51	0.15	ug/L		11/02/11 23:46	11/06/11 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		37 - 150	11/02/11 23:46	11/06/11 04:09	1
DCB Decachlorobiphenyl	70		37 - 150	11/02/11 23:46	11/06/11 04:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	751		200	87.0	ug/L		11/08/11 09:53	11/10/11 05:28	1
Antimony	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 05:28	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/08/11 09:53	11/10/11 05:28	1
Barium	135	J	200	3.2	ug/L		11/08/11 09:53	11/10/11 05:28	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/08/11 09:53	11/10/11 05:28	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/08/11 09:53	11/10/11 05:28	1
Calcium	56600		5000	72.2	ug/L		11/08/11 09:53	11/10/11 05:28	1
Chromium	10.0	U	10.0	3.2	ug/L		11/08/11 09:53	11/10/11 05:28	1
Cobalt	29.2	J	50.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:28	1
Copper	25.0	U	25.0	3.6	ug/L		11/08/11 09:53	11/10/11 05:28	1
Iron	1360		150	40.2	ug/L		11/08/11 09:53	11/10/11 05:28	1
Lead	5.0	U	5.0	2.8	ug/L		11/08/11 09:53	11/10/11 05:28	1
Magnesium	34100		5000	56.9	ug/L		11/08/11 09:53	11/10/11 05:28	1
Manganese	1290		15.0	2.5	ug/L		11/08/11 09:53	11/10/11 05:28	1
Nickel	27.5	J	40.0	3.5	ug/L		11/08/11 09:53	11/10/11 05:28	1
Potassium	5180		5000	209	ug/L		11/08/11 09:53	11/10/11 05:28	1
Selenium	10.0	U	10.0	4.8	ug/L		11/08/11 09:53	11/10/11 05:28	1
Silver	10.0	U	10.0	0.97	ug/L		11/08/11 09:53	11/10/11 05:28	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW27-09

Lab Sample ID: 460-33104-8

Date Collected: 11/01/11 14:00

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	70400		5000	341	ug/L		11/08/11 09:53	11/10/11 05:28	1
Thallium	10.0	U	10.0	4.6	ug/L		11/08/11 09:53	11/10/11 11:49	1
Vanadium	3.7	J	50.0	2.0	ug/L		11/08/11 09:53	11/10/11 05:28	1
Zinc	42.1		30.0	5.8	ug/L		11/08/11 09:53	11/10/11 05:28	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.92	ug/L		11/09/11 12:42	11/12/11 06:32	1
Antimony	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:32	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/09/11 12:42	11/12/11 06:32	1
Thallium	10.0	U	10.0	4.6	ug/L		11/09/11 12:42	11/12/11 06:32	1
Nickel	28.9	J	40.0	3.5	ug/L		11/09/11 12:42	11/12/11 06:32	1
Silver	10.0	U	10.0	0.97	ug/L		11/09/11 12:42	11/12/11 06:32	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/09/11 12:42	11/12/11 06:32	1
Copper	25.0	U	25.0	3.6	ug/L		11/09/11 12:42	11/12/11 06:32	1
Lead	5.0	U	5.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:32	1
Zinc	46.2		30.0	5.8	ug/L		11/09/11 12:42	11/12/11 06:32	1
Selenium	10.0	U	10.0	4.8	ug/L		11/09/11 12:42	11/12/11 06:32	1
Chromium	10.0	U	10.0	3.2	ug/L		11/09/11 12:42	11/12/11 06:32	1
Sodium	72500		5000	341	ug/L		11/09/11 12:42	11/12/11 06:32	1
Potassium	5220		5000	209	ug/L		11/09/11 12:42	11/12/11 06:32	1
Barium	140	J	200	3.2	ug/L		11/09/11 12:42	11/12/11 06:32	1
Calcium	62600		5000	72.2	ug/L		11/09/11 12:42	11/12/11 06:32	1
Iron	150	U	150	40.2	ug/L		11/09/11 12:42	11/12/11 06:32	1
Vanadium	50.0	U	50.0	2.0	ug/L		11/09/11 12:42	11/12/11 06:32	1
Magnesium	35800		5000	56.9	ug/L		11/09/11 12:42	11/12/11 06:32	1
Aluminum	200	U	200	87.0	ug/L		11/09/11 12:42	11/12/11 06:32	1
Manganese	1400		15.0	2.5	ug/L		11/09/11 12:42	11/12/11 06:32	1
Cobalt	30.7	J	50.0	2.8	ug/L		11/09/11 12:42	11/12/11 06:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/04/11 11:13	11/04/11 13:46	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.19	ug/L		11/09/11 10:15	11/09/11 13:02	1

Client Sample ID: GW-17338-110111-MW22-10

Lab Sample ID: 460-33104-9

Date Collected: 11/01/11 15:20

Matrix: Water

Date Received: 11/01/11 18:45

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.051	U	0.051	0.020	ug/L		11/04/11 08:51	11/11/11 18:24	1
Benzo[a]pyrene	0.051	U	0.051	0.031	ug/L		11/04/11 08:51	11/11/11 18:24	1
Benzo[b]fluoranthene	0.051	U	0.051	0.041	ug/L		11/04/11 08:51	11/11/11 18:24	1
Pentachlorophenol	0.20	U	0.20	0.14	ug/L		11/04/11 08:51	11/11/11 18:24	1
Hexachlorobenzene	0.020	U	0.020	0.010	ug/L		11/04/11 08:51	11/11/11 18:24	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW22-10

Lab Sample ID: 460-33104-9

Date Collected: 11/01/11 15:20

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:58	1
Phenol	10	U	10	0.83	ug/L		11/04/11 08:51	11/13/11 09:58	1
2,4,6-Trichlorophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 09:58	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.29	ug/L		11/04/11 08:51	11/13/11 09:58	1
2,4-Dichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:58	1
2-Chlorophenol	10	U	10	2.2	ug/L		11/04/11 08:51	11/13/11 09:58	1
2,4-Dinitrotoluene	2.0	U	2.0	0.48	ug/L		11/04/11 08:51	11/13/11 09:58	1
2,2'-oxybis[1-chloropropane]	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
Acetophenone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
2-Methylnaphthalene	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 09:58	1
4-Methylphenol	10	U	10	1.6	ug/L		11/04/11 08:51	11/13/11 09:58	1
2-Methylphenol	10	U	10	1.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
2-Nitroaniline	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
Hexachloroethane	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 09:58	1
Nitrobenzene	1.0	U	1.0	0.31	ug/L		11/04/11 08:51	11/13/11 09:58	1
4-Chloro-3-methylphenol	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:58	1
Isophorone	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
2-Nitrophenol	10	U	10	2.4	ug/L		11/04/11 08:51	11/13/11 09:58	1
4-Chlorophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:58	1
2,4-Dimethylphenol	10	U	10	3.5	ug/L		11/04/11 08:51	11/13/11 09:58	1
4-Nitroaniline	20	U	20	5.9	ug/L		11/04/11 08:51	11/13/11 09:58	1
4-Nitrophenol	31	U	31	6.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
Bis(2-chloroethoxy)methane	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:58	1
Atrazine	10	U	10	3.1	ug/L		11/04/11 08:51	11/13/11 09:58	1
Naphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
Benzaldehyde	10	U *	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
4-Chloroaniline	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
Hexachlorobutadiene	2.0	U	2.0	0.58	ug/L		11/04/11 08:51	11/13/11 09:58	1
Benzo[k]fluoranthene	1.0	U	1.0	0.27	ug/L		11/04/11 08:51	11/13/11 09:58	1
Caprolactam	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:58	1
Carbazole	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 09:58	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		11/04/11 08:51	11/13/11 09:58	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.092	ug/L		11/04/11 08:51	11/13/11 09:58	1
2,4,5-Trichlorophenol	10	U	10	2.7	ug/L		11/04/11 08:51	11/13/11 09:58	1
Dimethyl phthalate	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:58	1
2-Chloronaphthalene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
Fluoranthene	10	U	10	3.3	ug/L		11/04/11 08:51	11/13/11 09:58	1
Fluorene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:58	1
2,6-Dinitrotoluene	2.0	U	2.0	0.62	ug/L		11/04/11 08:51	11/13/11 09:58	1
Acenaphthylene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
3-Nitroaniline	20	U	20	5.1	ug/L		11/04/11 08:51	11/13/11 09:58	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.26	ug/L		11/04/11 08:51	11/13/11 09:58	1
Acenaphthene	10	U	10	2.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
2,4-Dinitrophenol	31	U	31	5.5	ug/L		11/04/11 08:51	11/13/11 09:58	1
Dibenzofuran	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:58	1
Diethyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
4,6-Dinitro-2-methylphenol	31	U	31	4.8	ug/L		11/04/11 08:51	11/13/11 09:58	1
N-Nitrosodiphenylamine	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
4-Bromophenyl phenyl ether	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:58	1
Phenanthrene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 09:58	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW22-10

Lab Sample ID: 460-33104-9

Date Collected: 11/01/11 15:20

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	2.9	ug/L		11/04/11 08:51	11/13/11 09:58	1
Di-n-butyl phthalate	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
Pyrene	10	U	10	3.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
Butyl benzyl phthalate	10	U	10	2.6	ug/L		11/04/11 08:51	11/13/11 09:58	1
3,3'-Dichlorobenzidine	20	U	20	5.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
Chrysene	10	U	10	3.2	ug/L		11/04/11 08:51	11/13/11 09:58	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:58	1
Di-n-octyl phthalate	10	U	10	1.5	ug/L		11/04/11 08:51	11/13/11 09:58	1
Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15	ug/L		11/04/11 08:51	11/13/11 09:58	1
Benzo[g,h,i]perylene	10	U	10	2.0	ug/L		11/04/11 08:51	11/13/11 09:58	1

Tentatively Identified Compound

Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
9.4	J	ug/L		5.32		11/04/11 08:51	11/13/11 09:58	1

Surrogate

%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
91		46 - 122	11/04/11 08:51	11/13/11 09:58	1
87		53 - 108	11/04/11 08:51	11/13/11 09:58	1
58		10 - 65	11/04/11 08:51	11/13/11 09:58	1
93		56 - 112	11/04/11 08:51	11/13/11 09:58	1
35		10 - 48	11/04/11 08:51	11/13/11 09:58	1
91		50 - 122	11/04/11 08:51	11/13/11 09:58	1

Client Sample ID: TB-17338-110111-11

Lab Sample ID: 460-33104-10

Date Collected: 11/01/11 00:00

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.25	ug/L			11/11/11 07:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/11/11 07:23	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/11/11 07:23	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/11/11 07:23	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/11/11 07:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/11/11 07:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 07:23	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/11/11 07:23	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 07:23	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/11/11 07:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/11/11 07:23	1
Acetone	10	U	10	2.5	ug/L			11/11/11 07:23	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/11/11 07:23	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/11/11 07:23	1
Methylene Chloride	3.9		1.0	0.19	ug/L			11/11/11 07:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/11/11 07:23	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/11/11 07:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.18	ug/L			11/11/11 07:23	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/11/11 07:23	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 07:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 07:23	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/11/11 07:23	1

Client Sample Results

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: TB-17338-110111-11

Lab Sample ID: 460-33104-10

Date Collected: 11/01/11 00:00

Matrix: Water

Date Received: 11/01/11 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	1.0	U	1.0	0.15	ug/L			11/11/11 07:23	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			11/11/11 07:23	1
Cyclohexane	1.0	U	1.0	0.13	ug/L			11/11/11 07:23	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/11/11 07:23	1
Benzene	1.0	U	1.0	0.13	ug/L			11/11/11 07:23	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/11/11 07:23	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/11/11 07:23	1
Methylcyclohexane	1.0	U	1.0	0.090	ug/L			11/11/11 07:23	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/11/11 07:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/11/11 07:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/11/11 07:23	1
Toluene	1.0	U	1.0	0.090	ug/L			11/11/11 07:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/11/11 07:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/11/11 07:23	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/11/11 07:23	1
2-Hexanone	10	U	10	0.55	ug/L			11/11/11 07:23	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/11/11 07:23	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/11/11 07:23	1
Xylenes, Total	3.0	U	3.0	0.43	ug/L			11/11/11 07:23	1
Styrene	1.0	U	1.0	0.13	ug/L			11/11/11 07:23	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/11/11 07:23	1
Isopropylbenzene	1.0	U	1.0	0.21	ug/L			11/11/11 07:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/11/11 07:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/11/11 07:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/11/11 07:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/11/11 07:23	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/11/11 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 122		11/11/11 07:23	1
4-Bromofluorobenzene	94		69 - 135		11/11/11 07:23	1
Toluene-d8 (Surr)	96		69 - 125		11/11/11 07:23	1

Lab Chronicle

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW24-02

Lab Sample ID: 460-33104-1

Date Collected: 10/31/11 12:30

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 00:26	EM	TAL EDI
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 06:51	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92908	11/13/11 16:19	CZ	TAL EDI
Total/NA	Prep	3510C			91681	11/02/11 23:46	HW	TAL EDI
Total/NA	Analysis	8082		1	92030	11/06/11 02:12	CBB	TAL EDI
Total/NA	Prep	3510C			92065	11/07/11 08:40	HW	TAL EDI
Total/NA	Analysis	8081A		1	92468	11/08/11 09:21	FM	TAL EDI
Total/NA	Prep	7470A			91875	11/04/11 11:13	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91931	11/04/11 13:33	RBS	TAL EDI
Dissolved	Prep	7470A			92358	11/09/11 10:15	RBS	TAL EDI
Dissolved	Analysis	7470A		1	92393	11/09/11 12:45	RBS	TAL EDI
Total/NA	Prep	3010A			92202	11/08/11 09:53	QY	TAL EDI
Total/NA	Analysis	6010B		1	92470	11/10/11 04:45	CDC	TAL EDI
Dissolved	Prep	3010A			92389	11/09/11 12:42	QY	TAL EDI
Dissolved	Analysis	6010B		1	92781	11/12/11 05:36	CDC	TAL EDI

Client Sample ID: GW-17338-103111-MW25-03

Lab Sample ID: 460-33104-2

Date Collected: 10/31/11 13:45

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 00:51	EM	TAL EDI
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 07:14	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92908	11/13/11 16:46	CZ	TAL EDI
Total/NA	Prep	3510C			91681	11/02/11 23:46	HW	TAL EDI
Total/NA	Analysis	8082		1	92030	11/06/11 02:29	CBB	TAL EDI
Total/NA	Prep	3510C			92065	11/07/11 08:40	HW	TAL EDI
Total/NA	Analysis	8081A		1	92468	11/08/11 09:35	FM	TAL EDI
Total/NA	Prep	7470A			91875	11/04/11 11:13	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91931	11/04/11 13:34	RBS	TAL EDI
Dissolved	Prep	7470A			92358	11/09/11 10:15	RBS	TAL EDI
Dissolved	Analysis	7470A		1	92393	11/09/11 12:51	RBS	TAL EDI
Total/NA	Prep	3010A			92202	11/08/11 09:53	QY	TAL EDI
Total/NA	Analysis	6010B		1	92470	11/10/11 04:51	CDC	TAL EDI
Dissolved	Prep	3010A			92389	11/09/11 12:42	QY	TAL EDI
Dissolved	Analysis	6010B		1	92781	11/12/11 05:43	CDC	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-103111-MW26-04

Lab Sample ID: 460-33104-3

Date Collected: 10/31/11 15:15

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 01:16	EM	TAL EDI
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 07:38	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92908	11/13/11 17:13	CZ	TAL EDI
Total/NA	Prep	3510C			91681	11/02/11 23:46	HW	TAL EDI
Total/NA	Analysis	8082		1	92030	11/06/11 02:46	CBB	TAL EDI
Total/NA	Prep	3510C			92065	11/07/11 08:40	HW	TAL EDI
Total/NA	Analysis	8081A		1	92468	11/08/11 09:48	FM	TAL EDI
Total/NA	Prep	7470A			91875	11/04/11 11:13	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91931	11/04/11 13:36	RBS	TAL EDI
Dissolved	Prep	7470A			92358	11/09/11 10:15	RBS	TAL EDI
Dissolved	Analysis	7470A		1	92393	11/09/11 12:53	RBS	TAL EDI
Total/NA	Prep	3010A			92202	11/08/11 09:53	QY	TAL EDI
Total/NA	Analysis	6010B		1	92470	11/10/11 04:57	CDC	TAL EDI
Dissolved	Prep	3010A			92389	11/09/11 12:42	QY	TAL EDI
Dissolved	Analysis	6010B		1	92781	11/12/11 05:49	CDC	TAL EDI

Client Sample ID: GW-17338-110111-MW31-05

Lab Sample ID: 460-33104-4

Date Collected: 11/01/11 08:45

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 05:40	EM	TAL EDI
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 08:01	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92907	11/11/11 16:12	CZ	TAL EDI
Total/NA	Prep	3510C			91681	11/02/11 23:46	HW	TAL EDI
Total/NA	Analysis	8082		1	92030	11/06/11 03:02	CBB	TAL EDI
Total/NA	Prep	3510C			92065	11/07/11 08:40	HW	TAL EDI
Total/NA	Analysis	8081A		1	92468	11/08/11 10:02	FM	TAL EDI
Total/NA	Prep	7470A			91875	11/04/11 11:13	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91931	11/04/11 13:38	RBS	TAL EDI
Dissolved	Prep	7470A			92358	11/09/11 10:15	RBS	TAL EDI
Dissolved	Analysis	7470A		1	92393	11/09/11 12:54	RBS	TAL EDI
Total/NA	Prep	3010A			92202	11/08/11 09:53	QY	TAL EDI
Total/NA	Analysis	6010B		1	92470	11/10/11 05:03	CDC	TAL EDI
Dissolved	Prep	3010A			92389	11/09/11 12:42	QY	TAL EDI
Dissolved	Analysis	6010B		1	92781	11/12/11 06:07	CDC	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW30-06

Lab Sample ID: 460-33104-5

Date Collected: 11/01/11 09:50

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 01:41	EM	TAL EDI
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 08:25	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92908	11/13/11 17:39	CZ	TAL EDI
Total/NA	Prep	3510C			91681	11/02/11 23:46	HW	TAL EDI
Total/NA	Analysis	8082		1	92030	11/06/11 03:19	CBB	TAL EDI
Total/NA	Prep	3510C			92065	11/07/11 08:40	HW	TAL EDI
Total/NA	Analysis	8081A		1	92468	11/08/11 10:16	FM	TAL EDI
Total/NA	Prep	7470A			91875	11/04/11 11:13	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91931	11/04/11 13:40	RBS	TAL EDI
Dissolved	Prep	7470A			92358	11/09/11 10:15	RBS	TAL EDI
Dissolved	Analysis	7470A		1	92393	11/09/11 12:56	RBS	TAL EDI
Total/NA	Prep	3010A			92202	11/08/11 09:53	QY	TAL EDI
Total/NA	Analysis	6010B		1	92470	11/10/11 05:10	CDC	TAL EDI
Total/NA	Analysis	6010B		5	92577	11/10/11 11:30	CDC	TAL EDI
Dissolved	Prep	3010A			92389	11/09/11 12:42	QY	TAL EDI
Dissolved	Analysis	6010B		1	92781	11/12/11 06:13	CDC	TAL EDI
Dissolved	Analysis	6010B		3	92808	11/12/11 13:51	CDC	TAL EDI

Client Sample ID: GW-17338-110111-MW29-07

Lab Sample ID: 460-33104-6

Date Collected: 11/01/11 12:15

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 05:11	EM	TAL EDI
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 08:48	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92907	11/11/11 17:05	CZ	TAL EDI
Total/NA	Prep	3510C			92065	11/07/11 08:40	HW	TAL EDI
Total/NA	Analysis	8081A		1	92468	11/08/11 10:30	FM	TAL EDI
Total/NA	Prep	3510C			92067	11/07/11 08:48	HW	TAL EDI
Total/NA	Analysis	8082		1	92557	11/09/11 21:43	SD	TAL EDI
Total/NA	Prep	7470A			91875	11/04/11 11:13	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91931	11/04/11 13:42	RBS	TAL EDI
Dissolved	Prep	7470A			92358	11/09/11 10:15	RBS	TAL EDI
Dissolved	Analysis	7470A		1	92393	11/09/11 12:58	RBS	TAL EDI
Total/NA	Prep	3010A			92202	11/08/11 09:53	QY	TAL EDI
Total/NA	Analysis	6010B		1	92470	11/10/11 05:16	CDC	TAL EDI
Total/NA	Analysis	6010B		2	92577	11/10/11 11:36	CDC	TAL EDI
Dissolved	Prep	3010A			92389	11/09/11 12:42	QY	TAL EDI
Dissolved	Analysis	6010B		1	92781	11/12/11 06:20	CDC	TAL EDI
Dissolved	Analysis	6010B		2	92808	11/12/11 13:57	CDC	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-DUP-08

Lab Sample ID: 460-33104-7

Date Collected: 11/01/11 13:05

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 04:43	EM	TAL EDI
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 09:11	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92908	11/13/11 18:06	CZ	TAL EDI
Total/NA	Prep	3510C			91681	11/02/11 23:46	HW	TAL EDI
Total/NA	Analysis	8082		1	92030	11/06/11 03:52	CBB	TAL EDI
Total/NA	Prep	3510C			92065	11/07/11 08:40	HW	TAL EDI
Total/NA	Analysis	8081A		1	92468	11/08/11 10:43	FM	TAL EDI
Total/NA	Prep	7470A			91875	11/04/11 11:13	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91931	11/04/11 13:44	RBS	TAL EDI
Dissolved	Prep	7470A			92358	11/09/11 10:15	RBS	TAL EDI
Dissolved	Analysis	7470A		1	92393	11/09/11 13:00	RBS	TAL EDI
Total/NA	Prep	3010A			92202	11/08/11 09:53	QY	TAL EDI
Total/NA	Analysis	6010B		1	92470	11/10/11 05:22	CDC	TAL EDI
Total/NA	Analysis	6010B		2	92577	11/10/11 11:42	CDC	TAL EDI
Dissolved	Prep	3010A			92389	11/09/11 12:42	QY	TAL EDI
Dissolved	Analysis	6010B		1	92781	11/12/11 06:26	CDC	TAL EDI
Dissolved	Analysis	6010B		2	92808	11/12/11 14:03	CDC	TAL EDI

Client Sample ID: GW-17338-110111-MW27-09

Lab Sample ID: 460-33104-8

Date Collected: 11/01/11 14:00

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 02:06	EM	TAL EDI
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 09:34	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92907	11/11/11 17:58	CZ	TAL EDI
Total/NA	Prep	3510C			91681	11/02/11 23:46	HW	TAL EDI
Total/NA	Analysis	8082		1	92030	11/06/11 04:09	CBB	TAL EDI
Total/NA	Prep	3510C			92065	11/07/11 08:40	HW	TAL EDI
Total/NA	Analysis	8081A		1	92468	11/08/11 10:57	FM	TAL EDI
Total/NA	Prep	7470A			91875	11/04/11 11:13	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91931	11/04/11 13:46	RBS	TAL EDI
Dissolved	Prep	7470A			92358	11/09/11 10:15	RBS	TAL EDI
Dissolved	Analysis	7470A		1	92393	11/09/11 13:02	RBS	TAL EDI
Total/NA	Prep	3010A			92202	11/08/11 09:53	QY	TAL EDI
Total/NA	Analysis	6010B		1	92470	11/10/11 05:28	CDC	TAL EDI
Total/NA	Analysis	6010B		1	92577	11/10/11 11:49	CDC	TAL EDI
Dissolved	Prep	3010A			92389	11/09/11 12:42	QY	TAL EDI
Dissolved	Analysis	6010B		1	92781	11/12/11 06:32	CDC	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-33104-1

Client Sample ID: GW-17338-110111-MW22-10

Lab Sample ID: 460-33104-9

Date Collected: 11/01/11 15:20

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			91853	11/04/11 08:51	HW	TAL EDI
Total/NA	Analysis	8270C		1	92827	11/13/11 09:58	CZ	TAL EDI
Total/NA	Analysis	8270C SIM		1	92907	11/11/11 18:24	CZ	TAL EDI

Client Sample ID: TB-17338-110111-11

Lab Sample ID: 460-33104-10

Date Collected: 11/01/11 00:00

Matrix: Water

Date Received: 11/01/11 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92617	11/11/11 07:23	EM	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: 460-33104-1

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: 460-33104-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organics (GC/MS)	SW846	TAL EDI
8270C	Semivolatile Organics (GC/MS)	SW846	TAL EDI
8270C SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	TAL EDI
8081A	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082	Polychlorinated Biphenyls (PCBs) (GC)	SW846	TAL EDI
6010B	Metals (ICP)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI

Protocol References:

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: 460-33104-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-33104-1	GW-17338-103111-MW24-02	Water	10/31/11 12:30	11/01/11 18:45
460-33104-2	GW-17338-103111-MW25-03	Water	10/31/11 13:45	11/01/11 18:45
460-33104-3	GW-17338-103111-MW26-04	Water	10/31/11 15:15	11/01/11 18:45
460-33104-4	GW-17338-110111-MW31-05	Water	11/01/11 08:45	11/01/11 18:45
460-33104-5	GW-17338-110111-MW30-06	Water	11/01/11 09:50	11/01/11 18:45
460-33104-6	GW-17338-110111-MW29-07	Water	11/01/11 12:15	11/01/11 18:45
460-33104-7	GW-17338-110111-DUP-08	Water	11/01/11 13:05	11/01/11 18:45
460-33104-8	GW-17338-110111-MW27-09	Water	11/01/11 14:00	11/01/11 18:45
460-33104-9	GW-17338-110111-MW22-10	Water	11/01/11 15:20	11/01/11 18:45
460-33104-10	TB-17338-110111-11	Water	11/01/11 00:00	11/01/11 18:45

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) CHS BOSTON		Samplers Name (Printed) M. MYLET		Site/Project Identification POLYMER GM	
Company CNA		P.O. # 017-338		State (Location of site): NY NY: ☐ Other: DE	
Address		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Regulatory Program: MAEC	
City BUFFALO, NY	State	LAB USE ONLY Project No:		LAB USE ONLY Sample Numbers	
Phone 716-856-2142	Fax	Sample Identification		Date	
Sample Identification		Date	Time	Matrix	No. of Cont.
GW-17338-10311-AW24-02	10311	1030	AW	A	1
GW-17338-10311-MW25-03	10311	1345			2
GW-17338-10311-MW26-04	10311	1515			3
GW-17338-11011-MW31-05	11011	0845			4
GW-17338-11011-MW30-06		0950			5
GW-17338-11011-MW29-07		1215			6
GW-17338-11011-DUP-08		1305			7
GW-17338-11011-MW27-09		1400			8
GW-17338-11011-MW28-10		1520			9
1B-17338-11011-11					10

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

Soil: _____
Water: _____

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by Mark Roth	Company CNA	Date / Time 11/11/11 1:50	Received by Mark Roth	Company TESTA
Relinquished by John Doe	Company TESTA	Date / Time 11-11-11 1700	Received by John Doe	Company TESTA
Relinquished by John Doe	Company TESTA	Date / Time 11/11/11	Received by John Doe	Company TESTA
Relinquished by John Doe	Company TESTA	Date / Time 11/11/11	Received by John Doe	Company TESTA

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 (0408)
1.5/4.6/4.9/2.4 #50

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33104-1

Login Number: 33104

List Source: TestAmerica Edison

List Number: 1

Creator: McClain, Mark A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5, 4.6, 4.9, 2.4 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.	False	1 voa arrived broken
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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.