TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Edison
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TestAmerica Job ID: 460-32916-1
Client Project/Site: GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Attn: Ms. Sue Scrocchi

Authorized for release by:
11/22/2011 6:39:26 AM

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Definitions/Glossary

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

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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 Semi VOA

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

GC Semi VOA

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

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)

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Laboratory: TestAmerica Edison

Narrative

Job Narrative
460-32916-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 91836 were outside control limits for Styrene and 2-Butanone; MS recoveries and %RPD were also outside control limits for 1,2,4-Trichlorobenzene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-32916-1

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

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

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

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

RECEIPT
The samples were received on 10/26/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the

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Laboratory: TestAmerica Edison (Continued)

coolers at receipt was 5.4 C.

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

DISSOLVED METALS

Sample 460-32916-1 was analyzed for Dissolved metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/07/2011 and analyzed on 11/09/2011.

No difficulties were encountered during the dissolved metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL METALS

Sample 460-32916-1 was analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/04/2011 and analyzed on 11/06/2011.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Sample 460-32916-1 was analyzed for dissolved 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 dissolved mercury analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample 460-32916-1 was analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 10/28/2011.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Sample 460-32916-1 was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 10/31/2011 and analyzed on 11/02/2011.

No difficulties were encountered during the pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample 460-32916-1 was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 10/31/2011 and analyzed on 11/01/2011.

PCB-1260 failed the recovery criteria low for the MS of sample 460-32913-1 in batch 460-91523. PCB-1016 failed the recovery criteria high.

Job ID: 460-32916-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

PCB-1260 failed the recovery criteria low for the MSD of sample 460-32913-1 in batch 460-91836. PCB-1016 failed the recovery criteria high.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-32916-1 and 460-32916-2 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/04/2011.

For the MSD of sample 460-32800-1 in batch 460-91836, Styrene failed the recovery criteria low. 2-Butanone (MEK) failed the recovery criteria high. Also, 1,2,4-Trichlorobenzene exceeded the rpd limit.

1,2,4-Trichlorobenzene and Styrene failed the recovery criteria low for the MS of sample 460-32800-1 in batch 460-91836. 2-Butanone (MEK) failed the recovery criteria high. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM)

Sample 460-32916-1 was analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) in accordance with EPA SW-846 Method 8270C SIM. The samples were prepared on 11/01/2011 and analyzed on 11/16/2011.

No difficulties were encountered during the SIM analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-32916-1 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 11/01/2011 and analyzed on 11/13/2011.

No difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

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

TestAmerica Job ID: 460-32916-1

Client Sample ID: GW-17338-102611-MW23-01
Date Collected: 10/26/11 14:50
Date Received: 10/26/11 18:30

Lab Sample ID: 460-32916-1
Matrix: Water

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			11/04/11 06:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/04/11 06:06	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/04/11 06:06	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/04/11 06:06	1
Bromomethane	1.0	U	1.0	0.31	ug/L			11/04/11 06:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/04/11 06:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/04/11 06:06	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/04/11 06:06	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/04/11 06:06	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/04/11 06:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/11 06:06	1
Acetone	10	U	10	2.5	ug/L			11/04/11 06:06	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/04/11 06:06	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/04/11 06:06	1
Methylene Chloride	1.0	U	1.0	0.19	ug/L			11/04/11 06:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/04/11 06:06	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/04/11 06:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.18	ug/L			11/04/11 06:06	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/04/11 06:06	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/04/11 06:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/04/11 06:06	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/04/11 06:06	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/04/11 06:06	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			11/04/11 06:06	1
Cyclohexane	1.0	U	1.0	0.13	ug/L			11/04/11 06:06	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/04/11 06:06	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/11 06:06	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/04/11 06:06	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/04/11 06:06	1
Methylcyclohexane	1.0	U	1.0	0.090	ug/L			11/04/11 06:06	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/04/11 06:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/04/11 06:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/04/11 06:06	1
Toluene	1.0	U	1.0	0.090	ug/L			11/04/11 06:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/04/11 06:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/04/11 06:06	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/04/11 06:06	1
2-Hexanone	10	U	10	0.55	ug/L			11/04/11 06:06	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/04/11 06:06	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/04/11 06:06	1
Xylenes, Total	3.0	U	3.0	0.43	ug/L			11/04/11 06:06	1
Styrene	1.0	U	1.0	0.13	ug/L			11/04/11 06:06	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/04/11 06:06	1
Isopropylbenzene	1.0	U	1.0	0.21	ug/L			11/04/11 06:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/04/11 06:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/04/11 06:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/11 06:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/04/11 06:06	1

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

TestAmerica Job ID: 460-32916-1

Client Sample ID: GW-17338-102611-MW23-01
Date Collected: 10/26/11 14:50
Date Received: 10/26/11 18:30

Lab Sample ID: 460-32916-1
Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	7.7		ug/L		6.75	109-99-9		11/04/11 06:06	1
Naphthalene	8.9		ug/L		16.81	91-20-3		11/04/11 06:06	1
Tentatively Identified Compound	None		ug/L					11/04/11 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 122		11/04/11 06:06	1
4-Bromofluorobenzene	101		69 - 135		11/04/11 06:06	1
Toluene-d8 (Surr)	97		69 - 125		11/04/11 06:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.062	U	0.062	0.025	ug/L		11/01/11 21:03	11/16/11 21:58	1
Benzo[a]pyrene	0.062	U	0.062	0.037	ug/L		11/01/11 21:03	11/16/11 21:58	1
Benzo[b]fluoranthene	0.062	U	0.062	0.049	ug/L		11/01/11 21:03	11/16/11 21:58	1
Pentachlorophenol	0.25	U	0.25	0.17	ug/L		11/01/11 21:03	11/16/11 21:58	1
Hexachlorobenzene	0.025	U	0.025	0.012	ug/L		11/01/11 21:03	11/16/11 21:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	12	U	12	3.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
Phenol	12	U	12	1.0	ug/L		11/01/11 21:03	11/13/11 05:07	1
2,4,6-Trichlorophenol	12	U	12	3.0	ug/L		11/01/11 21:03	11/13/11 05:07	1
Bis(2-chloroethyl)ether	1.2	U	1.2	0.35	ug/L		11/01/11 21:03	11/13/11 05:07	1
2,4-Dichlorophenol	12	U	12	3.2	ug/L		11/01/11 21:03	11/13/11 05:07	1
2-Chlorophenol	12	U	12	2.7	ug/L		11/01/11 21:03	11/13/11 05:07	1
2,4-Dinitrotoluene	2.5	U	2.5	0.58	ug/L		11/01/11 21:03	11/13/11 05:07	1
2,2'-oxybis[1-chloropropane]	12	U	12	2.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
Acetophenone	12	U	12	3.3	ug/L		11/01/11 21:03	11/13/11 05:07	1
2-Methylnaphthalene	12	U	12	3.7	ug/L		11/01/11 21:03	11/13/11 05:07	1
4-Methylphenol	12	U	12	2.0	ug/L		11/01/11 21:03	11/13/11 05:07	1
2-Methylphenol	12	U	12	2.2	ug/L		11/01/11 21:03	11/13/11 05:07	1
2-Nitroaniline	25	U	25	6.0	ug/L		11/01/11 21:03	11/13/11 05:07	1
Hexachloroethane	1.2	U	1.2	0.31	ug/L		11/01/11 21:03	11/13/11 05:07	1
Nitrobenzene	1.2	U	1.2	0.37	ug/L		11/01/11 21:03	11/13/11 05:07	1
4-Chloro-3-methylphenol	12	U	12	3.1	ug/L		11/01/11 21:03	11/13/11 05:07	1
Isophorone	12	U	12	3.3	ug/L		11/01/11 21:03	11/13/11 05:07	1
2-Nitrophenol	12	U	12	3.0	ug/L		11/01/11 21:03	11/13/11 05:07	1
4-Chlorophenyl phenyl ether	12	U	12	3.1	ug/L		11/01/11 21:03	11/13/11 05:07	1
2,4-Dimethylphenol	12	U	12	4.2	ug/L		11/01/11 21:03	11/13/11 05:07	1
4-Nitroaniline	25	U	25	7.2	ug/L		11/01/11 21:03	11/13/11 05:07	1
4-Nitrophenol	37	U	37	8.3	ug/L		11/01/11 21:03	11/13/11 05:07	1
Bis(2-chloroethoxy)methane	12	U	12	3.2	ug/L		11/01/11 21:03	11/13/11 05:07	1
Atrazine	12	U	12	3.7	ug/L		11/01/11 21:03	11/13/11 05:07	1
Naphthalene	12	U	12	3.3	ug/L		11/01/11 21:03	11/13/11 05:07	1
Benzaldehyde	12	U	12	2.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
4-Chloroaniline	12	U	12	2.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
Hexachlorobutadiene	2.5	U	2.5	0.70	ug/L		11/01/11 21:03	11/13/11 05:07	1
Benzo[k]fluoranthene	1.2	U	1.2	0.32	ug/L		11/01/11 21:03	11/13/11 05:07	1
Caprolactam	12	U	12	3.1	ug/L		11/01/11 21:03	11/13/11 05:07	1
Carbazole	12	U	12	4.0	ug/L		11/01/11 21:03	11/13/11 05:07	1
Hexachlorocyclopentadiene	12	U	12	2.1	ug/L		11/01/11 21:03	11/13/11 05:07	1

Client Sample ID: GW-17338-102611-MW23-01
Date Collected: 10/26/11 14:50
Date Received: 10/26/11 18:30

Lab Sample ID: 460-32916-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	1.2	U	1.2	0.11	ug/L		11/01/11 21:03	11/13/11 05:07	1
2,4,5-Trichlorophenol	12	U	12	3.2	ug/L		11/01/11 21:03	11/13/11 05:07	1
Dimethyl phthalate	12	U	12	3.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
2-Chloronaphthalene	12	U	12	3.3	ug/L		11/01/11 21:03	11/13/11 05:07	1
Fluoranthene	12	U	12	4.0	ug/L		11/01/11 21:03	11/13/11 05:07	1
Fluorene	12	U	12	3.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
2,6-Dinitrotoluene	2.5	U	2.5	0.75	ug/L		11/01/11 21:03	11/13/11 05:07	1
Acenaphthylene	12	U	12	3.3	ug/L		11/01/11 21:03	11/13/11 05:07	1
3-Nitroaniline	25	U	25	6.2	ug/L		11/01/11 21:03	11/13/11 05:07	1
N-Nitrosodi-n-propylamine	1.2	U	1.2	0.31	ug/L		11/01/11 21:03	11/13/11 05:07	1
Acenaphthene	12	U	12	3.3	ug/L		11/01/11 21:03	11/13/11 05:07	1
2,4-Dinitrophenol	37	U	37	6.7	ug/L		11/01/11 21:03	11/13/11 05:07	1
Dibenzofuran	12	U	12	3.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
Diethyl phthalate	12	U	12	3.6	ug/L		11/01/11 21:03	11/13/11 05:07	1
4,6-Dinitro-2-methylphenol	37	U	37	5.8	ug/L		11/01/11 21:03	11/13/11 05:07	1
N-Nitrosodiphenylamine	12	U	12	3.6	ug/L		11/01/11 21:03	11/13/11 05:07	1
4-Bromophenyl phenyl ether	12	U	12	3.1	ug/L		11/01/11 21:03	11/13/11 05:07	1
Phenanthrene	12	U	12	3.8	ug/L		11/01/11 21:03	11/13/11 05:07	1
Anthracene	12	U	12	3.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
Di-n-butyl phthalate	12	U	12	3.6	ug/L		11/01/11 21:03	11/13/11 05:07	1
Pyrene	12	U	12	3.6	ug/L		11/01/11 21:03	11/13/11 05:07	1
Butyl benzyl phthalate	12	U	12	3.1	ug/L		11/01/11 21:03	11/13/11 05:07	1
3,3'-Dichlorobenzidine	25	U	25	6.0	ug/L		11/01/11 21:03	11/13/11 05:07	1
Chrysene	12	U	12	3.8	ug/L		11/01/11 21:03	11/13/11 05:07	1
Bis(2-ethylhexyl) phthalate	12	U	12	2.5	ug/L		11/01/11 21:03	11/13/11 05:07	1
Di-n-octyl phthalate	12	U	12	1.9	ug/L		11/01/11 21:03	11/13/11 05:07	1
Indeno[1,2,3-cd]pyrene	1.2	U	1.2	0.19	ug/L		11/01/11 21:03	11/13/11 05:07	1
Benzo[g,h,i]perylene	12	U	12	2.5	ug/L		11/01/11 21:03	11/13/11 05:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*11/01/11 21:03*	*11/13/11 05:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*46 - 122*	*11/01/11 21:03*	*11/13/11 05:07*	*1*
2-Fluorobiphenyl	*66*		*53 - 108*	*11/01/11 21:03*	*11/13/11 05:07*	*1*
2-Fluorophenol (Surr)	*48*		*10 - 65*	*11/01/11 21:03*	*11/13/11 05:07*	*1*
Nitrobenzene-d5 (Surr)	*69*		*56 - 112*	*11/01/11 21:03*	*11/13/11 05:07*	*1*
Phenol-d5 (Surr)	*32*		*10 - 48*	*11/01/11 21:03*	*11/13/11 05:07*	*1*
Terphenyl-d14 (Surr)	*76*		*50 - 122*	*11/01/11 21:03*	*11/13/11 05:07*	*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		10/31/11 08:13	11/02/11 12:30	1
beta-BHC	0.051	U	0.051	0.011	ug/L		10/31/11 08:13	11/02/11 12:30	1
delta-BHC	0.051	U	0.051	0.0091	ug/L		10/31/11 08:13	11/02/11 12:30	1
gamma-BHC (Lindane)	0.051	U	0.051	0.012	ug/L		10/31/11 08:13	11/02/11 12:30	1
Heptachlor	0.051	U	0.051	0.010	ug/L		10/31/11 08:13	11/02/11 12:30	1
Aldrin	0.051	U	0.051	0.010	ug/L		10/31/11 08:13	11/02/11 12:30	1
Heptachlor epoxide	0.051	U	0.051	0.010	ug/L		10/31/11 08:13	11/02/11 12:30	1
Endosulfan I	0.051	U	0.051	0.0091	ug/L		10/31/11 08:13	11/02/11 12:30	1
Dieldrin	0.051	U	0.051	0.0051	ug/L		10/31/11 08:13	11/02/11 12:30	1

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

TestAmerica Job ID: 460-32916-1

Client Sample ID: GW-17338-102611-MW23-01
Date Collected: 10/26/11 14:50
Date Received: 10/26/11 18:30

Lab Sample ID: 460-32916-1
Matrix: Water

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		10/31/11 08:13	11/02/11 12:30	1
Endrin	0.051	U	0.051	0.010	ug/L		10/31/11 08:13	11/02/11 12:30	1
Endosulfan II	0.051	U	0.051	0.010	ug/L		10/31/11 08:13	11/02/11 12:30	1
4,4'-DDD	0.051	U	0.051	0.011	ug/L		10/31/11 08:13	11/02/11 12:30	1
Endosulfan sulfate	0.051	U	0.051	0.016	ug/L		10/31/11 08:13	11/02/11 12:30	1
4,4'-DDT	0.051	U	0.051	0.010	ug/L		10/31/11 08:13	11/02/11 12:30	1
Methoxychlor	0.051	U	0.051	0.013	ug/L		10/31/11 08:13	11/02/11 12:30	1
Endrin ketone	0.051	U	0.051	0.011	ug/L		10/31/11 08:13	11/02/11 12:30	1
Endrin aldehyde	0.051	U	0.051	0.0091	ug/L		10/31/11 08:13	11/02/11 12:30	1
alpha-Chlordane	0.051	U	0.051	0.0081	ug/L		10/31/11 08:13	11/02/11 12:30	1
gamma-Chlordane	0.051	U	0.051	0.0091	ug/L		10/31/11 08:13	11/02/11 12:30	1
Toxaphene	0.51	U	0.51	0.20	ug/L		10/31/11 08:13	11/02/11 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*37 - 144*	*10/31/11 08:13*	*11/02/11 12:30*	*1*
DCB Decachlorobiphenyl	*52*		*37 - 144*	*10/31/11 08:13*	*11/02/11 12:30*	*1*
Tetrachloro-m-xylene	*82*		*49 - 132*	*10/31/11 08:13*	*11/02/11 12:30*	*1*
Tetrachloro-m-xylene	*80*		*49 - 132*	*10/31/11 08:13*	*11/02/11 12:30*	*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		10/31/11 08:34	11/01/11 11:42	1
PCB-1221	0.51	U	0.51	0.28	ug/L		10/31/11 08:34	11/01/11 11:42	1
PCB-1232	0.51	U	0.51	0.12	ug/L		10/31/11 08:34	11/01/11 11:42	1
PCB-1242	0.51	U	0.51	0.12	ug/L		10/31/11 08:34	11/01/11 11:42	1
PCB-1248	0.51	U	0.51	0.24	ug/L		10/31/11 08:34	11/01/11 11:42	1
PCB-1254	0.51	U	0.51	0.17	ug/L		10/31/11 08:34	11/01/11 11:42	1
PCB-1260	0.51	U	0.51	0.15	ug/L		10/31/11 08:34	11/01/11 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*37 - 150*	*10/31/11 08:34*	*11/01/11 11:42*	*1*
DCB Decachlorobiphenyl	*51*		*37 - 150*	*10/31/11 08:34*	*11/01/11 11:42*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13700**		200	87.0	ug/L		11/04/11 12:17	11/06/11 13:10	1
Antimony	10.0	U	10.0	4.6	ug/L		11/04/11 12:17	11/06/11 13:10	1
Arsenic	**6.6**		5.0	3.8	ug/L		11/04/11 12:17	11/06/11 13:10	1
Barium	**176**	**J**	200	3.2	ug/L		11/04/11 12:17	11/06/11 13:10	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/04/11 12:17	11/06/11 13:10	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/04/11 12:17	11/06/11 13:10	1
Calcium	**11200**		5000	72.2	ug/L		11/04/11 12:17	11/06/11 13:10	1
Chromium	**26.7**		10.0	3.2	ug/L		11/04/11 12:17	11/06/11 13:10	1
Cobalt	**8.9**	**J**	50.0	2.8	ug/L		11/04/11 12:17	11/06/11 13:10	1
Copper	**16.0**	**J**	25.0	3.6	ug/L		11/04/11 12:17	11/06/11 13:10	1
Iron	**11100**		150	40.2	ug/L		11/04/11 12:17	11/06/11 13:10	1
Lead	**12.2**		5.0	2.8	ug/L		11/04/11 12:17	11/06/11 13:10	1
Magnesium	**8540**		5000	56.9	ug/L		11/04/11 12:17	11/06/11 13:10	1
Manganese	**450**		15.0	2.5	ug/L		11/04/11 12:17	11/06/11 13:10	1
Nickel	**30.6**	**J**	40.0	3.5	ug/L		11/04/11 12:17	11/06/11 13:10	1
Potassium	**3040**	**J**	5000	209	ug/L		11/04/11 12:17	11/06/11 13:10	1

Client Sample ID: GW-17338-102611-MW23-01
Date Collected: 10/26/11 14:50
Date Received: 10/26/11 18:30

Lab Sample ID: 460-32916-1
Matrix: Water

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		11/04/11 12:17	11/06/11 13:10	1
Silver	10.0	U	10.0	0.97	ug/L		11/04/11 12:17	11/06/11 13:10	1
Sodium	**92000**		5000	341	ug/L		11/04/11 12:17	11/06/11 13:10	1
Thallium	10.0	U	10.0	4.6	ug/L		11/04/11 12:17	11/06/11 13:10	1
Vanadium	**32.5**	**J**	50.0	2.0	ug/L		11/04/11 12:17	11/06/11 13:10	1
Zinc	**49.9**		30.0	5.8	ug/L		11/04/11 12:17	11/06/11 13:10	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**98.2**	**J**	200	87.0	ug/L		11/07/11 08:39	11/09/11 23:33	1
Antimony	10.0	U	10.0	4.6	ug/L		11/07/11 08:39	11/09/11 23:33	1
Arsenic	5.0	U	5.0	3.8	ug/L		11/07/11 08:39	11/09/11 23:33	1
Barium	**150**	**J**	200	3.2	ug/L		11/07/11 08:39	11/09/11 23:33	1
Beryllium	2.0	U	2.0	0.94	ug/L		11/07/11 08:39	11/09/11 23:33	1
Cadmium	5.0	U	5.0	0.92	ug/L		11/07/11 08:39	11/09/11 23:33	1
Calcium	**9310**		5000	72.2	ug/L		11/07/11 08:39	11/09/11 23:33	1
Chromium	10.0	U	10.0	3.2	ug/L		11/07/11 08:39	11/09/11 23:33	1
Cobalt	**5.7**	**J**	50.0	2.8	ug/L		11/07/11 08:39	11/09/11 23:33	1
Copper	25.0	U	25.0	3.6	ug/L		11/07/11 08:39	11/09/11 23:33	1
Iron	**61.5**	**J**	150	40.2	ug/L		11/07/11 08:39	11/09/11 23:33	1
Lead	5.0	U	5.0	2.8	ug/L		11/07/11 08:39	11/09/11 23:33	1
Magnesium	**7140**		5000	56.9	ug/L		11/07/11 08:39	11/09/11 23:33	1
Manganese	**323**		15.0	2.5	ug/L		11/07/11 08:39	11/09/11 23:33	1
Nickel	**17.9**	**J**	40.0	3.5	ug/L		11/07/11 08:39	11/09/11 23:33	1
Potassium	**2320**	**J**	5000	209	ug/L		11/07/11 08:39	11/09/11 23:33	1
Selenium	10.0	U	10.0	4.8	ug/L		11/07/11 08:39	11/09/11 23:33	1
Silver	10.0	U	10.0	0.97	ug/L		11/07/11 08:39	11/09/11 23:33	1
Sodium	**97000**		5000	341	ug/L		11/07/11 08:39	11/09/11 23:33	1
Thallium	10.0	U	10.0	4.6	ug/L		11/07/11 08:39	11/09/11 23:33	1
Vanadium	50.0	U	50.0	2.0	ug/L		11/07/11 08:39	11/09/11 23:33	1
Zinc	**13.2**	**J**	30.0	5.8	ug/L		11/07/11 08:39	11/09/11 23:33	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		10/28/11 11:17	10/28/11 14:06	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		11/04/11 18:10	11/04/11 22:11	1

Client Sample ID: TB-17338-102611-02
Date Collected: 10/26/11 00:00
Date Received: 10/26/11 18:30

Lab Sample ID: 460-32916-2
Matrix: Water

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			11/04/11 03:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.29	ug/L			11/04/11 03:35	1
Chloromethane	1.0	U	1.0	0.21	ug/L			11/04/11 03:35	1
Vinyl chloride	1.0	U	1.0	0.13	ug/L			11/04/11 03:35	1

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

TestAmerica Job ID: 460-32916-1

Client Sample ID: TB-17338-102611-02
Date Collected: 10/26/11 00:00
Date Received: 10/26/11 18:30

Lab Sample ID: 460-32916-2
Matrix: Water

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			11/04/11 03:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15	ug/L			11/04/11 03:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			11/04/11 03:35	1
Trichlorofluoromethane	1.0	U	1.0	0.16	ug/L			11/04/11 03:35	1
1,1-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/04/11 03:35	1
1,2-Dichloropropane	1.0	U	1.0	0.090	ug/L			11/04/11 03:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/11 03:35	1
Acetone	10	U	10	2.5	ug/L			11/04/11 03:35	1
Carbon disulfide	1.0	U	1.0	0.15	ug/L			11/04/11 03:35	1
Methyl acetate	2.0	U	2.0	0.33	ug/L			11/04/11 03:35	1
Methylene Chloride	**0.99**	**J**	1.0	0.19	ug/L			11/04/11 03:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.14	ug/L			11/04/11 03:35	1
Chlorodibromomethane	1.0	U	1.0	0.11	ug/L			11/04/11 03:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.18	ug/L			11/04/11 03:35	1
Chloroethane	1.0	U	1.0	0.45	ug/L			11/04/11 03:35	1
1,1-Dichloroethane	1.0	U	1.0	0.10	ug/L			11/04/11 03:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			11/04/11 03:35	1
2-Butanone (MEK)	10	U	10	0.82	ug/L			11/04/11 03:35	1
Chloroform	1.0	U	1.0	0.15	ug/L			11/04/11 03:35	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			11/04/11 03:35	1
Cyclohexane	1.0	U	1.0	0.13	ug/L			11/04/11 03:35	1
Carbon tetrachloride	1.0	U	1.0	0.19	ug/L			11/04/11 03:35	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/11 03:35	1
1,2-Dichloroethane	1.0	U	1.0	0.24	ug/L			11/04/11 03:35	1
Trichloroethene	1.0	U	1.0	0.18	ug/L			11/04/11 03:35	1
Methylcyclohexane	1.0	U	1.0	0.090	ug/L			11/04/11 03:35	1
Dichlorobromomethane	1.0	U	1.0	0.093	ug/L			11/04/11 03:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			11/04/11 03:35	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.68	ug/L			11/04/11 03:35	1
Toluene	1.0	U	1.0	0.090	ug/L			11/04/11 03:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.12	ug/L			11/04/11 03:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.10	ug/L			11/04/11 03:35	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			11/04/11 03:35	1
2-Hexanone	10	U	10	0.55	ug/L			11/04/11 03:35	1
1,2-Dibromoethane	1.0	U	1.0	0.090	ug/L			11/04/11 03:35	1
Chlorobenzene	1.0	U	1.0	0.16	ug/L			11/04/11 03:35	1
Xylenes, Total	3.0	U	3.0	0.43	ug/L			11/04/11 03:35	1
Styrene	1.0	U	1.0	0.13	ug/L			11/04/11 03:35	1
Bromoform	1.0	U	1.0	0.10	ug/L			11/04/11 03:35	1
Isopropylbenzene	1.0	U	1.0	0.21	ug/L			11/04/11 03:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090	ug/L			11/04/11 03:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			11/04/11 03:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/11 03:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.44	ug/L			11/04/11 03:35	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 03:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 122*		*11/04/11 03:35*	*1*
4-Bromofluorobenzene	*106*		*69 - 135*		*11/04/11 03:35*	*1*

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

TestAmerica Job ID: 460-32916-1

Client Sample ID: TB-17338-102611-02
Date Collected: 10/26/11 00:00
Date Received: 10/26/11 18:30

Lab Sample ID: 460-32916-2
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		69 - 125		11/04/11 03:35	1

Lab Chronicle

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

TestAmerica Job ID: 460-32916-1

Client Sample ID: GW-17338-102611-MW23-01

Lab Sample ID: 460-32916-1

Date Collected: 10/26/11 14:50

Matrix: Water

Date Received: 10/26/11 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	91836	11/04/11 06:06	AT	TAL EDI
Total/NA	Prep	3510C			91533	11/01/11 21:03	JS	TAL EDI
Total/NA	Analysis	8270C		1	93043	11/13/11 05:07	MC	TAL EDI
Total/NA	Analysis	8270C SIM		1	93346	11/16/11 21:58	CZ	TAL EDI
Total/NA	Prep	3510C			91272	10/31/11 08:34	HW	TAL EDI
Total/NA	Analysis	8082		1	91524	11/01/11 11:42	CBB	TAL EDI
Total/NA	Prep	3510C			91267	10/31/11 08:13	HW	TAL EDI
Total/NA	Analysis	8081A		1	91738	11/02/11 12:30	FM	TAL EDI
Total/NA	Prep	7470A			91106	10/28/11 11:17	RBS	TAL EDI
Total/NA	Analysis	7470A		1	91143	10/28/11 14:06	RBS	TAL EDI
Dissolved	Prep	7470A			91963	11/04/11 18:10	TS	TAL EDI
Dissolved	Analysis	7470A		1	91981	11/04/11 22:11	TS	TAL EDI
Total/NA	Prep	3010A			91888	11/04/11 12:17	QY	TAL EDI
Total/NA	Analysis	6010B		1	92027	11/06/11 13:10	CDC	TAL EDI
Dissolved	Prep	3010A			92064	11/07/11 08:39	MC	TAL EDI
Dissolved	Analysis	6010B		1	92470	11/09/11 23:33	CDC	TAL EDI

Client Sample ID: TB-17338-102611-02

Lab Sample ID: 460-32916-2

Date Collected: 10/26/11 00:00

Matrix: Water

Date Received: 10/26/11 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	91836	11/04/11 03:35	AT	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: 460-32916-1

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: 460-32916-1

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: 460-32916-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-32916-1	GW-17338-102611-MW23-01	Water	10/26/11 14:50	10/26/11 18:30
460-32916-2	TB-17338-102611-02	Water	10/26/11 00:00	10/26/11 18:30

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) CHRIS BARTON	Samplers Name (Printed) M. MYLET	Site/Project Identification FORMER GM
Company CRA	P. O. # 017338	State (Location of site): NJ: ☐ NY: ☐ Other: DE
Address	Analysis Turnaround Time: Standard ☑	Regulatory Program: DNREC
City BUFFALO State NY	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 716-856-2142 Fax		Job No: 32916

Sample Identification	Date	Time	Matrix	No. of Cont.	SVOC	VOC	TOTAL TAL METALS	DISSOLVED TAL METALS	PCB	PESTICIDES						Sample Numbers
GW-17338-102611-MW23-01	10/26/11	1450	AQU	9	X	X	X	X	X	X						1
TB-17338-102611-02						X										2
										LAB TO FILTER						

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other _____, 7 = Other _____ Water:

5.4 #50

Special Instructions Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)	Martin Mott	CRA	10/26/11 1515		TA
2)		TA	10/26 1700		TA
3)		TA	10/26 1830		TA 18:30 10/26/11
4)					

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)

TestAmerica Edison
Sample pH Receipt Log

Job No. 32916

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Sample No.	Ammonia (pH<2)	COD (pH<2)	Metals (pH<2)	Nitrate Nitrite (pH<2)	O & G (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
1			<2											

Initials: AC

Date: 10/27/11

EDS-WI-038, Rev 1, 11/21/07

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32916-1

Login Number: 32916

List Source: TestAmerica Edison

List Number: 1

Creator: McClain, Mark A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.4 IR# 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.